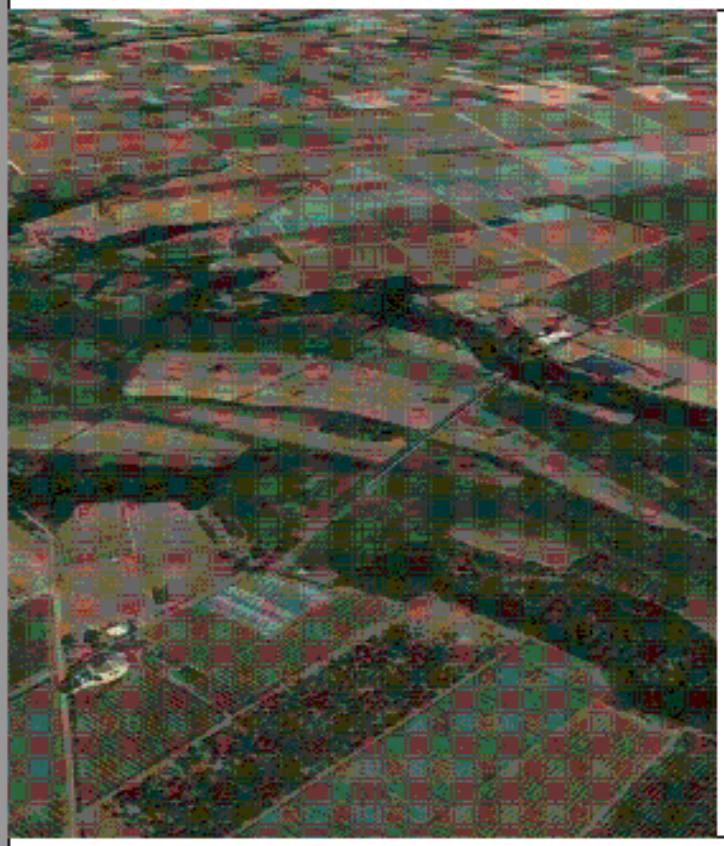
CONSORZIO DI BONIFICA STORNARA E TARA

viale Magna Grecia, 240 - 74121 TARANTO

PROGETTO DI FATTIBILITA' TECNICO-ECONOMICA DI RIPRISTINO DEL *"PONTE TUBO DELL'IMPIANTO IRRIGUO CONSORTILE SX BRADANO UBICATO IN ATTRAVERSAMENTO NELLA LAMA DI LATERZA"*
NEL COMUNE DI CASTELLANETA (TA)
CIG ZE320C0FE5



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R.U.P. Consorzio di Bonifica
ing. Santo CALASSO

ELABORATO	DATA	SCALA	ALLEGATO
Analisi strutturale dello stato di fatto: sismica (parte 2)	*07/2018*	*varie*	*R.5.b*

AGGIORNAMENTO	DATA	DESCRIZIONE

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SOLLECITAZIONI ASTE PIU' SIGNIFICATIVE:

FILE: astec006.bin											
Caso di carico: 6 - SLU con SISMAX PRINC (1xC1 + 1xC2 + 1xC3 + 0.8xC5 + 1xSismaX + 0.3xSismaY)											
Asta	**Prog.**	**Dist. (cm)**	**Sest.**	**N (kN)**	**Ty (kN)**	**Tz (kN)**	**Mx (kNm)**	**My (kNm)**	**Mz (kNm)**	**freccia Y (cm)**	**freccia Z (cm)**
1	1	0.00	1	-2.084E+05	1.898E+04	3.755E+03	0.000E+00	1.066E+06	-5.354E+06	0.000E+00	0.000E+00
1	1	0.00	2	-2.084E+05	1.898E+04	5.521E+03	0.000E+00	1.565E+06	-5.354E+06	0.000E+00	0.000E+00
1	1	0.00	3	-2.084E+05	1.898E+04	-5.446E+03	0.000E+00	-1.543E+06	-5.354E+06	0.000E+00	0.000E+00
1	1	0.00	4	-2.084E+05	1.898E+04	-3.680E+03	0.000E+00	-1.045E+06	-5.354E+06	0.000E+00	0.000E+00
1	1	0.00	5	-2.084E+05	1.898E+04	3.680E+03	0.000E+00	1.045E+06	-5.354E+06	0.000E+00	0.000E+00
1	1	0.00	6	-2.084E+05	1.898E+04	5.446E+03	0.000E+00	1.543E+06	-5.354E+06	0.000E+00	0.000E+00
1	1	0.00	7	-2.084E+05	1.898E+04	-5.521E+03	0.000E+00	-1.565E+06	-5.354E+06	0.000E+00	0.000E+00
1	1	0.00	8	-2.084E+05	1.898E+04	-3.755E+03	0.000E+00	-1.066E+06	-5.354E+06	0.000E+00	0.000E+00
1	1	0.00	9	-2.084E+05	-1.492E+04	3.755E+03	0.000E+00	1.066E+06	4.204E+06	0.000E+00	0.000E+00
1	1	0.00	10	-2.084E+05	-1.492E+04	5.521E+03	0.000E+00	1.565E+06	4.204E+06	0.000E+00	0.000E+00
1	1	0.00	11	-2.084E+05	-1.492E+04	-5.446E+03	0.000E+00	-1.543E+06	4.204E+06	0.000E+00	0.000E+00
1	1	0.00	12	-2.084E+05	-1.492E+04	-3.680E+03	0.000E+00	-1.045E+06	4.204E+06	0.000E+00	0.000E+00
1	1	0.00	13	-2.084E+05	-1.492E+04	3.680E+03	0.000E+00	1.045E+06	4.204E+06	0.000E+00	0.000E+00
1	1	0.00	14	-2.084E+05	-1.492E+04	5.446E+03	0.000E+00	1.543E+06	4.204E+06	0.000E+00	0.000E+00
1	1	0.00	15	-2.084E+05	-1.492E+04	-5.521E+03	0.000E+00	-1.565E+06	4.204E+06	0.000E+00	0.000E+00
1	1	0.00	16	-2.084E+05	-1.492E+04	-3.755E+03	0.000E+00	-1.066E+06	4.204E+06	0.000E+00	0.000E+00
1	2	68.75	1	-2.065E+05	1.898E+04	3.755E+03	0.000E+00	8.083E+05	-4.049E+06	1.007E-02	2.014E-03
1	2	68.75	2	-2.065E+05	1.898E+04	5.521E+03	0.000E+00	1.185E+06	-4.049E+06	1.007E-02	2.952E-03
1	2	68.75	3	-2.065E+05	1.898E+04	-5.446E+03	0.000E+00	-1.169E+06	-4.049E+06	1.007E-02	-2.910E-03
1	2	68.75	4	-2.065E+05	1.898E+04	-3.680E+03	0.000E+00	-7.916E+05	-4.049E+06	1.007E-02	-1.972E-03
1	2	68.75	5	-2.065E+05	1.898E+04	3.680E+03	0.000E+00	7.916E+05	-4.049E+06	1.007E-02	1.972E-03
1	2	68.75	6	-2.065E+05	1.898E+04	5.446E+03	0.000E+00	1.169E+06	-4.049E+06	1.007E-02	2.910E-03
1	2	68.75	7	-2.065E+05	1.898E+04	-5.521E+03	0.000E+00	-1.185E+06	-4.049E+06	1.007E-02	-2.952E-03
1	2	68.75	8	-2.065E+05	1.898E+04	-3.755E+03	0.000E+00	-8.083E+05	-4.049E+06	1.007E-02	-2.014E-03
1	2	68.75	9	-2.065E+05	-1.492E+04	3.755E+03	0.000E+00	8.083E+05	3.178E+06	-7.897E-03	2.014E-03
1	2	68.75	10	-2.065E+05	-1.492E+04	5.521E+03	0.000E+00	1.185E+06	3.178E+06	-7.897E-03	2.952E-03
1	2	68.75	11	-2.065E+05	-1.492E+04	-5.446E+03	0.000E+00	-1.169E+06	3.178E+06	-7.897E-03	-2.910E-03
1	2	68.75	12	-2.065E+05	-1.492E+04	-3.680E+03	0.000E+00	-7.916E+05	3.178E+06	-7.897E-03	-1.972E-03
1	2	68.75	13	-2.065E+05	-1.492E+04	3.680E+03	0.000E+00	7.916E+05	3.178E+06	-7.897E-03	1.972E-03
1	2	68.75	14	-2.065E+05	-1.492E+04	5.446E+03	0.000E+00	1.169E+06	3.178E+06	-7.897E-03	2.910E-03
1	2	68.75	15	-2.065E+05	-1.492E+04	-5.521E+03	0.000E+00	-1.185E+06	3.178E+06	-7.897E-03	-2.952E-03
1	2	68.75	16	-2.065E+05	-1.492E+04	-3.755E+03	0.000E+00	-8.083E+05	3.178E+06	-7.897E-03	-2.014E-03
1	3	137.50	1	-2.045E+05	1.898E+04	3.755E+03	0.000E+00	5.502E+05	-2.744E+06	1.159E-02	2.322E-03
1	3	137.50	2	-2.045E+05	1.898E+04	5.521E+03	0.000E+00	8.059E+05	-2.744E+06	1.159E-02	3.402E-03
1	3	137.50	3	-2.045E+05	1.898E+04	-5.446E+03	0.000E+00	-7.944E+05	-2.744E+06	1.159E-02	-3.353E-03
1	3	137.50	4	-2.045E+05	1.898E+04	-3.680E+03	0.000E+00	-5.386E+05	-2.744E+06	1.159E-02	-2.274E-03
1	3	137.50	5	-2.045E+05	1.898E+04	3.680E+03	0.000E+00	5.386E+05	-2.744E+06	1.159E-02	2.274E-03
1	3	137.50	6	-2.045E+05	1.898E+04	5.446E+03	0.000E+00	7.944E+05	-2.744E+06	1.159E-02	3.353E-03
1	3	137.50	7	-2.045E+05	1.898E+04	-5.521E+03	0.000E+00	-8.059E+05	-2.744E+06	1.159E-02	-3.402E-03
1	3	137.50	8	-2.045E+05	1.898E+04	-3.755E+03	0.000E+00	-5.502E+05	-2.744E+06	1.159E-02	-2.322E-03
1	3	137.50	9	-2.046E+05	-1.492E+04	3.755E+03	0.000E+00	5.502E+05	2.152E+06	-9.086E-03	2.322E-03
1	3	137.50	10	-2.046E+05	-1.492E+04	5.521E+03	0.000E+00	8.059E+05	2.152E+06	-9.086E-03	3.402E-03
1	3	137.50	11	-2.046E+05	-1.492E+04	-5.446E+03	0.000E+00	-7.944E+05	2.152E+06	-9.086E-03	-3.353E-03
1	3	137.50	12	-2.046E+05	-1.492E+04	-3.680E+03	0.000E+00	-5.386E+05	2.152E+06	-9.086E-03	-2.274E-03
1	3	137.50	13	-2.046E+05	-1.492E+04	3.680E+03	0.000E+00	5.386E+05	2.152E+06	-9.086E-03	2.274E-03
1	3	137.50	14	-2.046E+05	-1.492E+04	5.446E+03	0.000E+00	7.944E+05	2.152E+06	-9.086E-03	3.353E-03
1	3	137.50	15	-2.046E+05	-1.492E+04	-5.521E+03	0.000E+00	-8.059E+05	2.152E+06	-9.086E-03	-3.402E-03
1	3	137.50	16	-2.046E+05	-1.492E+04	-3.755E+03	0.000E+00	-5.502E+05	2.152E+06	-9.086E-03	-2.322E-03
1	4	206.25	1	-2.026E+05	1.898E+04	3.755E+03	0.000E+00	2.920E+05	-1.440E+06	7.312E-03	1.469E-03
1	4	206.25	2	-2.026E+05	1.898E+04	5.521E+03	0.000E+00	4.263E+05	-1.440E+06	7.312E-03	2.151E-03
1	4	206.25	3	-2.026E+05	1.898E+04	-5.446E+03	0.000E+00	-4.200E+05	-1.440E+06	7.312E-03	-2.120E-03
1	4	206.25	4	-2.026E+05	1.898E+04	-3.680E+03	0.000E+00	-2.857E+05	-1.440E+06	7.312E-03	-1.438E-03
1	4	206.25	5	-2.026E+05	1.898E+04	3.680E+03	0.000E+00	2.857E+05	-1.440E+06	7.312E-03	1.438E-03
1	4	206.25	6	-2.026E+05	1.898E+04	5.446E+03	0.000E+00	4.200E+05	-1.440E+06	7.312E-03	2.120E-03
1	4	206.25	7	-2.026E+05	1.898E+04	-5.521E+03	0.000E+00	-4.263E+05	-1.440E+06	7.312E-03	-2.151E-03
1	4	206.25	8	-2.026E+05	1.898E+04	-3.755E+03	0.000E+00	-2.920E+05	-1.440E+06	7.312E-03	-1.469E-03
1	4	206.25	9	-2.026E+05	-1.492E+04	3.755E+03	0.000E+00	2.920E+05	1.127E+06	-5.732E-03	1.469E-03

1	4	206.25	10	-2.026E+05	-1.492E+04	5.521E+03	0.000E+00	4.263E+05	1.127E+06	-5.732E-03	2.151E-03
1	4	206.25	11	-2.026E+05	-1.492E+04	-5.446E+03	0.000E+00	-4.200E+05	1.127E+06	-5.732E-03	-2.120E-03
1	4	206.25	12	-2.026E+05	-1.492E+04	-3.680E+03	0.000E+00	-2.857E+05	1.127E+06	-5.732E-03	-1.438E-03
1	4	206.25	13	-2.026E+05	-1.492E+04	3.680E+03	0.000E+00	2.857E+05	1.127E+06	-5.732E-03	1.438E-03
1	4	206.25	14	-2.026E+05	-1.492E+04	5.446E+03	0.000E+00	4.200E+05	1.127E+06	-5.732E-03	2.120E-03
1	4	206.25	15	-2.026E+05	-1.492E+04	-5.521E+03	0.000E+00	-4.263E+05	1.127E+06	-5.732E-03	-2.151E-03
1	4	206.25	16	-2.026E+05	-1.492E+04	-3.755E+03	0.000E+00	-2.920E+05	1.127E+06	-5.732E-03	-1.469E-03
1	5	275.00	1	-2.007E+05	1.898E+04	3.755E+03	0.000E+00	3.445E+04	-1.347E+05	-1.764E-09	6.267E-10
1	5	275.00	2	-2.007E+05	1.898E+04	5.521E+03	0.000E+00	4.732E+04	-1.347E+05	-1.764E-09	4.242E-10
1	5	275.00	3	-2.007E+05	1.898E+04	-5.446E+03	0.000E+00	-4.609E+04	-1.347E+05	-1.764E-09	-4.158E-10
1	5	275.00	4	-2.007E+05	1.898E+04	-3.680E+03	0.000E+00	-3.322E+04	-1.347E+05	-1.764E-09	-6.183E-10
1	5	275.00	5	-2.007E+05	1.898E+04	3.680E+03	0.000E+00	3.322E+04	-1.347E+05	-1.764E-09	6.183E-10
1	5	275.00	6	-2.007E+05	1.898E+04	5.446E+03	0.000E+00	4.609E+04	-1.347E+05	-1.764E-09	4.158E-10
1	5	275.00	7	-2.007E+05	1.898E+04	-5.521E+03	0.000E+00	-4.732E+04	-1.347E+05	-1.764E-09	-4.242E-10
1	5	275.00	8	-2.007E+05	1.898E+04	-3.755E+03	0.000E+00	-3.445E+04	-1.347E+05	-1.764E-09	-6.267E-10
1	5	275.00	9	-2.007E+05	-1.492E+04	3.755E+03	0.000E+00	3.445E+04	1.009E+05	2.075E-09	6.267E-10
1	5	275.00	10	-2.007E+05	-1.492E+04	5.521E+03	0.000E+00	4.732E+04	1.009E+05	2.075E-09	4.242E-10
1	5	275.00	11	-2.007E+05	-1.492E+04	-5.446E+03	0.000E+00	-4.609E+04	1.009E+05	2.075E-09	-4.158E-10
1	5	275.00	12	-2.007E+05	-1.492E+04	-3.680E+03	0.000E+00	-3.322E+04	1.009E+05	2.075E-09	-6.183E-10
1	5	275.00	13	-2.007E+05	-1.492E+04	3.680E+03	0.000E+00	3.322E+04	1.009E+05	2.075E-09	6.183E-10
1	5	275.00	14	-2.007E+05	-1.492E+04	5.446E+03	0.000E+00	4.609E+04	1.009E+05	2.075E-09	4.158E-10
1	5	275.00	15	-2.007E+05	-1.492E+04	-5.521E+03	0.000E+00	-4.732E+04	1.009E+05	2.075E-09	-4.242E-10
1	5	275.00	16	-2.007E+05	-1.492E+04	-3.755E+03	0.000E+00	-3.445E+04	1.009E+05	2.075E-09	-6.267E-10
2	1	0.00	1	-2.137E+05	9.668E+03	8.795E+03	0.000E+00	4.100E+06	-4.513E+06	0.000E+00	0.000E+00
2	1	0.00	2	-2.137E+05	9.668E+03	1.027E+04	0.000E+00	4.786E+06	-4.513E+06	0.000E+00	0.000E+00
2	1	0.00	3	-2.137E+05	9.668E+03	-1.023E+04	0.000E+00	-4.768E+06	-4.513E+06	0.000E+00	0.000E+00
2	1	0.00	4	-2.137E+05	9.668E+03	-8.757E+03	0.000E+00	-4.082E+06	-4.513E+06	0.000E+00	0.000E+00
2	1	0.00	5	-2.137E+05	9.668E+03	8.757E+03	0.000E+00	4.082E+06	-4.513E+06	0.000E+00	0.000E+00
2	1	0.00	6	-2.137E+05	9.668E+03	1.023E+04	0.000E+00	4.768E+06	-4.513E+06	0.000E+00	0.000E+00
2	1	0.00	7	-2.137E+05	9.668E+03	-1.027E+04	0.000E+00	-4.786E+06	-4.513E+06	0.000E+00	0.000E+00
2	1	0.00	8	-2.137E+05	9.668E+03	-8.795E+03	0.000E+00	-4.100E+06	-4.513E+06	0.000E+00	0.000E+00
2	1	0.00	9	-2.137E+05	-8.671E+03	8.795E+03	0.000E+00	4.100E+06	4.047E+06	0.000E+00	0.000E+00
2	1	0.00	10	-2.137E+05	-8.671E+03	1.027E+04	0.000E+00	4.786E+06	4.047E+06	0.000E+00	0.000E+00
2	1	0.00	11	-2.137E+05	-8.671E+03	-1.023E+04	0.000E+00	-4.768E+06	4.047E+06	0.000E+00	0.000E+00
2	1	0.00	12	-2.137E+05	-8.671E+03	-8.757E+03	0.000E+00	-4.082E+06	4.047E+06	0.000E+00	0.000E+00
2	1	0.00	13	-2.137E+05	-8.671E+03	8.757E+03	0.000E+00	4.082E+06	4.047E+06	0.000E+00	0.000E+00
2	1	0.00	14	-2.137E+05	-8.671E+03	1.023E+04	0.000E+00	4.768E+06	4.047E+06	0.000E+00	0.000E+00
2	1	0.00	15	-2.137E+05	-8.671E+03	-1.027E+04	0.000E+00	-4.786E+06	4.047E+06	0.000E+00	0.000E+00
2	1	0.00	16	-2.137E+05	-8.671E+03	-8.795E+03	0.000E+00	-4.100E+06	4.047E+06	0.000E+00	0.000E+00
2	2	115.00	1	-2.104E+05	9.668E+03	8.795E+03	0.000E+00	3.088E+06	-3.402E+06	2.357E-02	2.139E-02
2	2	115.00	2	-2.104E+05	9.668E+03	1.027E+04	0.000E+00	3.606E+06	-3.402E+06	2.357E-02	2.497E-02
2	2	115.00	3	-2.104E+05	9.668E+03	-1.023E+04	0.000E+00	-3.592E+06	-3.402E+06	2.357E-02	-2.487E-02
2	2	115.00	4	-2.104E+05	9.668E+03	-8.757E+03	0.000E+00	-3.075E+06	-3.402E+06	2.357E-02	-2.129E-02
2	2	115.00	5	-2.104E+05	9.668E+03	8.757E+03	0.000E+00	3.075E+06	-3.402E+06	2.357E-02	2.129E-02
2	2	115.00	6	-2.104E+05	9.668E+03	1.023E+04	0.000E+00	3.592E+06	-3.402E+06	2.357E-02	2.487E-02
2	2	115.00	7	-2.104E+05	9.668E+03	-1.027E+04	0.000E+00	-3.606E+06	-3.402E+06	2.357E-02	-2.497E-02
2	2	115.00	8	-2.104E+05	9.668E+03	-8.795E+03	0.000E+00	-3.088E+06	-3.402E+06	2.357E-02	-2.139E-02
2	2	115.00	9	-2.104E+05	-8.671E+03	8.795E+03	0.000E+00	3.088E+06	3.050E+06	-2.113E-02	2.139E-02
2	2	115.00	10	-2.104E+05	-8.671E+03	1.027E+04	0.000E+00	3.606E+06	3.050E+06	-2.113E-02	2.497E-02
2	2	115.00	11	-2.104E+05	-8.671E+03	-1.023E+04	0.000E+00	-3.592E+06	3.050E+06	-2.113E-02	-2.487E-02
2	2	115.00	12	-2.104E+05	-8.671E+03	-8.757E+03	0.000E+00	-3.075E+06	3.050E+06	-2.113E-02	-2.129E-02
2	2	115.00	13	-2.104E+05	-8.671E+03	8.757E+03	0.000E+00	3.075E+06	3.050E+06	-2.113E-02	2.129E-02
2	2	115.00	14	-2.104E+05	-8.671E+03	1.023E+04	0.000E+00	3.592E+06	3.050E+06	-2.113E-02	2.487E-02
2	2	115.00	15	-2.104E+05	-8.671E+03	-1.027E+04	0.000E+00	-3.606E+06	3.050E+06	-2.113E-02	-2.497E-02
2	2	115.00	16	-2.104E+05	-8.671E+03	-8.795E+03	0.000E+00	-3.088E+06	3.050E+06	-2.113E-02	-2.139E-02
2	3	230.00	1	-2.072E+05	9.668E+03	8.795E+03	0.000E+00	2.077E+06	-2.290E+06	2.705E-02	2.453E-02
2	3	230.00	2	-2.072E+05	9.668E+03	1.027E+04	0.000E+00	2.425E+06	-2.290E+06	2.705E-02	2.864E-02
2	3	230.00	3	-2.072E+05	9.668E+03	-1.023E+04	0.000E+00	-2.415E+06	-2.290E+06	2.705E-02	-2.853E-02
2	3	230.00	4	-2.072E+05	9.668E+03	-8.757E+03	0.000E+00	-2.068E+06	-2.290E+06	2.705E-02	-2.442E-02
2	3	230.00	5	-2.072E+05	9.668E+03	8.757E+03	0.000E+00	2.068E+06	-2.290E+06	2.705E-02	2.442E-02
2	3	230.00	6	-2.072E+05	9.668E+03	1.023E+04	0.000E+00	2.415E+06	-2.290E+06	2.705E-02	2.853E-02
2	3	230.00	7	-2.072E+05	9.668E+03	-1.027E+04	0.000E+00	-2.425E+06	-2.290E+06	2.705E-02	-2.864E-02

2	3	230.00	8	-2.072E+05	9.668E+03	-8.795E+03	0.000E+00	-2.077E+06	-2.290E+06	2.705E-02	-2.453E-02
2	3	230.00	9	-2.072E+05	-8.671E+03	8.795E+03	0.000E+00	2.077E+06	2.053E+06	-2.424E-02	2.453E-02
2	3	230.00	10	-2.072E+05	-8.671E+03	1.027E+04	0.000E+00	2.425E+06	2.053E+06	-2.424E-02	2.864E-02
2	3	230.00	11	-2.072E+05	-8.671E+03	-1.023E+04	0.000E+00	-2.415E+06	2.053E+06	-2.424E-02	-2.853E-02
2	3	230.00	12	-2.072E+05	-8.671E+03	-8.757E+03	0.000E+00	-2.068E+06	2.053E+06	-2.424E-02	-2.442E-02
2	3	230.00	13	-2.072E+05	-8.671E+03	8.757E+03	0.000E+00	2.068E+06	2.053E+06	-2.424E-02	2.442E-02
2	3	230.00	14	-2.072E+05	-8.671E+03	1.023E+04	0.000E+00	2.415E+06	2.053E+06	-2.424E-02	2.853E-02
2	3	230.00	15	-2.072E+05	-8.671E+03	-1.027E+04	0.000E+00	-2.425E+06	2.053E+06	-2.424E-02	-2.864E-02
2	3	230.00	16	-2.072E+05	-8.671E+03	-8.795E+03	0.000E+00	-2.077E+06	2.053E+06	-2.424E-02	-2.453E-02
2	4	345.00	1	-2.039E+05	9.668E+03	8.795E+03	0.000E+00	1.066E+06	-1.178E+06	1.700E-02	1.541E-02
2	4	345.00	2	-2.039E+05	9.668E+03	1.027E+04	0.000E+00	1.244E+06	-1.178E+06	1.700E-02	1.800E-02
2	4	345.00	3	-2.039E+05	9.668E+03	-1.023E+04	0.000E+00	-1.239E+06	-1.178E+06	1.700E-02	-1.792E-02
2	4	345.00	4	-2.039E+05	9.668E+03	-8.757E+03	0.000E+00	-1.061E+06	-1.178E+06	1.700E-02	-1.534E-02
2	4	345.00	5	-2.039E+05	9.668E+03	8.757E+03	0.000E+00	1.061E+06	-1.178E+06	1.700E-02	1.534E-02
2	4	345.00	6	-2.039E+05	9.668E+03	1.023E+04	0.000E+00	1.239E+06	-1.178E+06	1.700E-02	1.792E-02
2	4	345.00	7	-2.039E+05	9.668E+03	-1.027E+04	0.000E+00	-1.244E+06	-1.178E+06	1.700E-02	-1.800E-02
2	4	345.00	8	-2.039E+05	9.668E+03	-8.795E+03	0.000E+00	-1.066E+06	-1.178E+06	1.700E-02	-1.541E-02
2	4	345.00	9	-2.039E+05	-8.671E+03	8.795E+03	0.000E+00	1.066E+06	1.055E+06	-1.524E-02	1.541E-02
2	4	345.00	10	-2.039E+05	-8.671E+03	1.027E+04	0.000E+00	1.244E+06	1.055E+06	-1.524E-02	1.800E-02
2	4	345.00	11	-2.039E+05	-8.671E+03	-1.023E+04	0.000E+00	-1.239E+06	1.055E+06	-1.524E-02	-1.792E-02
2	4	345.00	12	-2.039E+05	-8.671E+03	-8.757E+03	0.000E+00	-1.061E+06	1.055E+06	-1.524E-02	-1.534E-02
2	4	345.00	13	-2.039E+05	-8.671E+03	8.757E+03	0.000E+00	1.061E+06	1.055E+06	-1.524E-02	1.534E-02
2	4	345.00	14	-2.039E+05	-8.671E+03	1.023E+04	0.000E+00	1.239E+06	1.055E+06	-1.524E-02	1.792E-02
2	4	345.00	15	-2.039E+05	-8.671E+03	-1.027E+04	0.000E+00	-1.244E+06	1.055E+06	-1.524E-02	-1.800E-02
2	4	345.00	16	-2.039E+05	-8.671E+03	-8.795E+03	0.000E+00	-1.066E+06	1.055E+06	-1.524E-02	-1.541E-02
2	5	460.00	1	-2.007E+05	9.668E+03	8.795E+03	0.000E+00	5.468E+04	-6.615E+04	2.717E-09	-4.179E-09
2	5	460.00	2	-2.007E+05	9.668E+03	1.027E+04	0.000E+00	6.417E+04	-6.615E+04	2.717E-09	-4.441E-09
2	5	460.00	3	-2.007E+05	9.668E+03	-1.023E+04	0.000E+00	-6.328E+04	-6.615E+04	2.717E-09	4.414E-09
2	5	460.00	4	-2.007E+05	9.668E+03	-8.757E+03	0.000E+00	-5.379E+04	-6.615E+04	2.717E-09	4.153E-09
2	5	460.00	5	-2.007E+05	9.668E+03	8.757E+03	0.000E+00	5.379E+04	-6.615E+04	2.717E-09	-4.153E-09
2	5	460.00	6	-2.007E+05	9.668E+03	1.023E+04	0.000E+00	6.328E+04	-6.615E+04	2.717E-09	-4.414E-09
2	5	460.00	7	-2.007E+05	9.668E+03	-1.027E+04	0.000E+00	-6.417E+04	-6.615E+04	2.717E-09	4.441E-09
2	5	460.00	8	-2.007E+05	9.668E+03	-8.795E+03	0.000E+00	-5.468E+04	-6.615E+04	2.717E-09	4.179E-09
2	5	460.00	9	-2.007E+05	-8.671E+03	8.795E+03	0.000E+00	5.468E+04	5.831E+04	-2.557E-09	-4.179E-09
2	5	460.00	10	-2.007E+05	-8.671E+03	1.027E+04	0.000E+00	6.417E+04	5.831E+04	-2.557E-09	-4.441E-09
2	5	460.00	11	-2.007E+05	-8.671E+03	-1.023E+04	0.000E+00	-6.328E+04	5.831E+04	-2.557E-09	4.414E-09
2	5	460.00	12	-2.007E+05	-8.671E+03	-8.757E+03	0.000E+00	-5.379E+04	5.831E+04	-2.557E-09	4.153E-09
2	5	460.00	13	-2.007E+05	-8.671E+03	8.757E+03	0.000E+00	5.379E+04	5.831E+04	-2.557E-09	-4.153E-09
2	5	460.00	14	-2.007E+05	-8.671E+03	1.023E+04	0.000E+00	6.328E+04	5.831E+04	-2.557E-09	-4.414E-09
2	5	460.00	15	-2.007E+05	-8.671E+03	-1.027E+04	0.000E+00	-6.417E+04	5.831E+04	-2.557E-09	4.441E-09
2	5	460.00	16	-2.007E+05	-8.671E+03	-8.795E+03	0.000E+00	-5.468E+04	5.831E+04	-2.557E-09	4.179E-09
3	1	0.00	1	-2.137E+05	1.340E+04	9.195E+03	0.000E+00	4.295E+06	-6.239E+06	0.000E+00	0.000E+00
3	1	0.00	2	-2.137E+05	1.340E+04	1.047E+04	0.000E+00	4.892E+06	-6.239E+06	0.000E+00	0.000E+00
3	1	0.00	3	-2.137E+05	1.340E+04	-1.045E+04	0.000E+00	-4.881E+06	-6.239E+06	0.000E+00	0.000E+00
3	1	0.00	4	-2.137E+05	1.340E+04	-9.174E+03	0.000E+00	-4.285E+06	-6.239E+06	0.000E+00	0.000E+00
3	1	0.00	5	-2.137E+05	1.340E+04	9.174E+03	0.000E+00	4.285E+06	-6.239E+06	0.000E+00	0.000E+00
3	1	0.00	6	-2.137E+05	1.340E+04	1.045E+04	0.000E+00	4.881E+06	-6.239E+06	0.000E+00	0.000E+00
3	1	0.00	7	-2.137E+05	1.340E+04	-1.047E+04	0.000E+00	-4.892E+06	-6.239E+06	0.000E+00	0.000E+00
3	1	0.00	8	-2.137E+05	1.340E+04	-9.195E+03	0.000E+00	-4.295E+06	-6.239E+06	0.000E+00	0.000E+00
3	1	0.00	9	-2.137E+05	-1.261E+04	9.195E+03	0.000E+00	4.295E+06	5.866E+06	0.000E+00	0.000E+00
3	1	0.00	10	-2.137E+05	-1.261E+04	1.047E+04	0.000E+00	4.892E+06	5.866E+06	0.000E+00	0.000E+00
3	1	0.00	11	-2.137E+05	-1.261E+04	-1.045E+04	0.000E+00	-4.881E+06	5.866E+06	0.000E+00	0.000E+00
3	1	0.00	12	-2.137E+05	-1.261E+04	-9.174E+03	0.000E+00	-4.285E+06	5.866E+06	0.000E+00	0.000E+00
3	1	0.00	13	-2.137E+05	-1.261E+04	9.174E+03	0.000E+00	4.285E+06	5.866E+06	0.000E+00	0.000E+00
3	1	0.00	14	-2.137E+05	-1.261E+04	1.045E+04	0.000E+00	4.881E+06	5.866E+06	0.000E+00	0.000E+00
3	1	0.00	15	-2.137E+05	-1.261E+04	-1.047E+04	0.000E+00	-4.892E+06	5.866E+06	0.000E+00	0.000E+00
3	1	0.00	16	-2.137E+05	-1.261E+04	-9.195E+03	0.000E+00	-4.295E+06	5.866E+06	0.000E+00	0.000E+00
3	2	115.00	1	-2.104E+05	1.340E+04	9.195E+03	0.000E+00	3.238E+06	-4.698E+06	3.252E-02	2.244E-02
3	2	115.00	2	-2.104E+05	1.340E+04	1.047E+04	0.000E+00	3.688E+06	-4.698E+06	3.252E-02	2.556E-02
3	2	115.00	3	-2.104E+05	1.340E+04	-1.045E+04	0.000E+00	-3.680E+06	-4.698E+06	3.252E-02	-2.550E-02
3	2	115.00	4	-2.104E+05	1.340E+04	-9.174E+03	0.000E+00	-3.230E+06	-4.698E+06	3.252E-02	-2.238E-02
3	2	115.00	5	-2.104E+05	1.340E+04	9.174E+03	0.000E+00	3.230E+06	-4.698E+06	3.252E-02	2.238E-02

3	2	115.00	6	-2.104E+05	1.340E+04	1.045E+04	0.000E+00	3.680E+06	-4.698E+06	3.252E-02	2.550E-02
3	2	115.00	7	-2.104E+05	1.340E+04	-1.047E+04	0.000E+00	-3.688E+06	-4.698E+06	3.252E-02	-2.556E-02
3	2	115.00	8	-2.104E+05	1.340E+04	-9.195E+03	0.000E+00	-3.238E+06	-4.698E+06	3.252E-02	-2.244E-02
3	2	115.00	9	-2.104E+05	-1.261E+04	9.195E+03	0.000E+00	3.238E+06	4.416E+06	-3.056E-02	2.244E-02
3	2	115.00	10	-2.104E+05	-1.261E+04	1.047E+04	0.000E+00	3.688E+06	4.416E+06	-3.056E-02	2.556E-02
3	2	115.00	11	-2.104E+05	-1.261E+04	-1.045E+04	0.000E+00	-3.680E+06	4.416E+06	-3.056E-02	-2.550E-02
3	2	115.00	12	-2.104E+05	-1.261E+04	-9.174E+03	0.000E+00	-3.230E+06	4.416E+06	-3.056E-02	-2.238E-02
3	2	115.00	13	-2.104E+05	-1.261E+04	9.174E+03	0.000E+00	3.230E+06	4.416E+06	-3.056E-02	2.238E-02
3	2	115.00	14	-2.104E+05	-1.261E+04	1.045E+04	0.000E+00	3.680E+06	4.416E+06	-3.056E-02	2.550E-02
3	2	115.00	15	-2.104E+05	-1.261E+04	-1.047E+04	0.000E+00	-3.688E+06	4.416E+06	-3.056E-02	-2.556E-02
3	2	115.00	16	-2.104E+05	-1.261E+04	-9.195E+03	0.000E+00	-3.238E+06	4.416E+06	-3.056E-02	-2.244E-02
3	3	230.00	1	-2.072E+05	1.340E+04	9.195E+03	0.000E+00	2.180E+06	-3.157E+06	3.729E-02	2.575E-02
3	3	230.00	2	-2.072E+05	1.340E+04	1.047E+04	0.000E+00	2.483E+06	-3.157E+06	3.729E-02	2.933E-02
3	3	230.00	3	-2.072E+05	1.340E+04	-1.045E+04	0.000E+00	-2.478E+06	-3.157E+06	3.729E-02	-2.927E-02
3	3	230.00	4	-2.072E+05	1.340E+04	-9.174E+03	0.000E+00	-2.175E+06	-3.157E+06	3.729E-02	-2.569E-02
3	3	230.00	5	-2.072E+05	1.340E+04	9.174E+03	0.000E+00	2.175E+06	-3.157E+06	3.729E-02	2.569E-02
3	3	230.00	6	-2.072E+05	1.340E+04	1.045E+04	0.000E+00	2.478E+06	-3.157E+06	3.729E-02	2.927E-02
3	3	230.00	7	-2.072E+05	1.340E+04	-1.047E+04	0.000E+00	-2.483E+06	-3.157E+06	3.729E-02	-2.933E-02
3	3	230.00	8	-2.072E+05	1.340E+04	-9.195E+03	0.000E+00	-2.180E+06	-3.157E+06	3.729E-02	-2.575E-02
3	3	230.00	9	-2.072E+05	-1.261E+04	9.195E+03	0.000E+00	2.180E+06	2.966E+06	-3.504E-02	2.575E-02
3	3	230.00	10	-2.072E+05	-1.261E+04	1.047E+04	0.000E+00	2.483E+06	2.966E+06	-3.504E-02	2.933E-02
3	3	230.00	11	-2.072E+05	-1.261E+04	-1.045E+04	0.000E+00	-2.478E+06	2.966E+06	-3.504E-02	-2.927E-02
3	3	230.00	12	-2.072E+05	-1.261E+04	-9.174E+03	0.000E+00	-2.175E+06	2.966E+06	-3.504E-02	-2.569E-02
3	3	230.00	13	-2.072E+05	-1.261E+04	9.174E+03	0.000E+00	2.175E+06	2.966E+06	-3.504E-02	2.569E-02
3	3	230.00	14	-2.072E+05	-1.261E+04	1.045E+04	0.000E+00	2.478E+06	2.966E+06	-3.504E-02	2.927E-02
3	3	230.00	15	-2.072E+05	-1.261E+04	-1.047E+04	0.000E+00	-2.483E+06	2.966E+06	-3.504E-02	-2.933E-02
3	3	230.00	16	-2.072E+05	-1.261E+04	-9.195E+03	0.000E+00	-2.180E+06	2.966E+06	-3.504E-02	-2.575E-02
3	4	345.00	1	-2.039E+05	1.340E+04	9.195E+03	0.000E+00	1.123E+06	-1.616E+06	2.341E-02	1.619E-02
3	4	345.00	2	-2.039E+05	1.340E+04	1.047E+04	0.000E+00	1.279E+06	-1.616E+06	2.341E-02	1.844E-02
3	4	345.00	3	-2.039E+05	1.340E+04	-1.045E+04	0.000E+00	-1.276E+06	-1.616E+06	2.341E-02	-1.840E-02
3	4	345.00	4	-2.039E+05	1.340E+04	-9.174E+03	0.000E+00	-1.120E+06	-1.616E+06	2.341E-02	-1.615E-02
3	4	345.00	5	-2.039E+05	1.340E+04	9.174E+03	0.000E+00	1.120E+06	-1.616E+06	2.341E-02	1.615E-02
3	4	345.00	6	-2.039E+05	1.340E+04	1.045E+04	0.000E+00	1.276E+06	-1.616E+06	2.341E-02	1.840E-02
3	4	345.00	7	-2.039E+05	1.340E+04	-1.047E+04	0.000E+00	-1.279E+06	-1.616E+06	2.341E-02	-1.844E-02
3	4	345.00	8	-2.039E+05	1.340E+04	-9.195E+03	0.000E+00	-1.123E+06	-1.616E+06	2.341E-02	-1.619E-02
3	4	345.00	9	-2.039E+05	-1.261E+04	9.195E+03	0.000E+00	1.123E+06	1.517E+06	-2.200E-02	1.619E-02
3	4	345.00	10	-2.039E+05	-1.261E+04	1.047E+04	0.000E+00	1.279E+06	1.517E+06	-2.200E-02	1.844E-02
3	4	345.00	11	-2.039E+05	-1.261E+04	-1.045E+04	0.000E+00	-1.276E+06	1.517E+06	-2.200E-02	-1.840E-02
3	4	345.00	12	-2.039E+05	-1.261E+04	-9.174E+03	0.000E+00	-1.120E+06	1.517E+06	-2.200E-02	-1.615E-02
3	4	345.00	13	-2.039E+05	-1.261E+04	9.174E+03	0.000E+00	1.120E+06	1.517E+06	-2.200E-02	1.615E-02
3	4	345.00	14	-2.039E+05	-1.261E+04	1.045E+04	0.000E+00	1.276E+06	1.517E+06	-2.200E-02	1.840E-02
3	4	345.00	15	-2.039E+05	-1.261E+04	-1.047E+04	0.000E+00	-1.279E+06	1.517E+06	-2.200E-02	-1.844E-02
3	4	345.00	16	-2.039E+05	-1.261E+04	-9.195E+03	0.000E+00	-1.123E+06	1.517E+06	-2.200E-02	-1.619E-02
3	5	460.00	1	-2.007E+05	1.340E+04	9.195E+03	0.000E+00	6.600E+04	-7.453E+04	-2.141E-09	4.935E-09
3	5	460.00	2	-2.007E+05	1.340E+04	1.047E+04	0.000E+00	7.529E+04	-7.453E+04	-2.141E-09	4.380E-09
3	5	460.00	3	-2.007E+05	1.340E+04	-1.045E+04	0.000E+00	-7.452E+04	-7.453E+04	-2.141E-09	-4.359E-09
3	5	460.00	4	-2.007E+05	1.340E+04	-9.174E+03	0.000E+00	-6.523E+04	-7.453E+04	-2.141E-09	-4.914E-09
3	5	460.00	5	-2.007E+05	1.340E+04	9.174E+03	0.000E+00	6.523E+04	-7.453E+04	-2.141E-09	4.914E-09
3	5	460.00	6	-2.007E+05	1.340E+04	1.045E+04	0.000E+00	7.452E+04	-7.453E+04	-2.141E-09	4.359E-09
3	5	460.00	7	-2.007E+05	1.340E+04	-1.047E+04	0.000E+00	-7.529E+04	-7.453E+04	-2.141E-09	-4.380E-09
3	5	460.00	8	-2.007E+05	1.340E+04	-9.195E+03	0.000E+00	-6.600E+04	-7.453E+04	-2.141E-09	-4.935E-09
3	5	460.00	9	-2.006E+05	-1.261E+04	9.195E+03	0.000E+00	6.600E+04	6.715E+04	1.749E-09	4.935E-09
3	5	460.00	10	-2.006E+05	-1.261E+04	1.047E+04	0.000E+00	7.529E+04	6.715E+04	1.749E-09	4.380E-09
3	5	460.00	11	-2.006E+05	-1.261E+04	-1.045E+04	0.000E+00	-7.452E+04	6.715E+04	1.749E-09	-4.359E-09
3	5	460.00	12	-2.006E+05	-1.261E+04	-9.174E+03	0.000E+00	-6.523E+04	6.715E+04	1.749E-09	-4.914E-09
3	5	460.00	13	-2.006E+05	-1.261E+04	9.174E+03	0.000E+00	6.523E+04	6.715E+04	1.749E-09	4.914E-09
3	5	460.00	14	-2.006E+05	-1.261E+04	1.045E+04	0.000E+00	7.452E+04	6.715E+04	1.749E-09	4.359E-09
3	5	460.00	15	-2.006E+05	-1.261E+04	-1.047E+04	0.000E+00	-7.529E+04	6.715E+04	1.749E-09	-4.380E-09
3	5	460.00	16	-2.006E+05	-1.261E+04	-9.195E+03	0.000E+00	-6.600E+04	6.715E+04	1.749E-09	-4.935E-09
4	1	0.00	1	-2.145E+05	1.428E+04	1.044E+04	0.000E+00	5.187E+06	-7.084E+06	0.000E+00	0.000E+00
4	1	0.00	2	-2.145E+05	1.428E+04	1.146E+04	0.000E+00	5.695E+06	-7.084E+06	0.000E+00	0.000E+00
4	1	0.00	3	-2.145E+05	1.428E+04	-1.145E+04	0.000E+00	-5.689E+06	-7.084E+06	0.000E+00	0.000E+00

4	1	0.00	4	-2.145E+05	1.428E+04	-1.043E+04	0.000E+00	-5.181E+06	-7.084E+06	0.000E+00	0.000E+00
4	1	0.00	5	-2.145E+05	1.428E+04	1.043E+04	0.000E+00	5.181E+06	-7.084E+06	0.000E+00	0.000E+00
4	1	0.00	6	-2.145E+05	1.428E+04	1.145E+04	0.000E+00	5.689E+06	-7.084E+06	0.000E+00	0.000E+00
4	1	0.00	7	-2.145E+05	1.428E+04	-1.146E+04	0.000E+00	-5.695E+06	-7.084E+06	0.000E+00	0.000E+00
4	1	0.00	8	-2.145E+05	1.428E+04	-1.044E+04	0.000E+00	-5.187E+06	-7.084E+06	0.000E+00	0.000E+00
4	1	0.00	9	-2.145E+05	-1.375E+04	1.044E+04	0.000E+00	5.187E+06	6.820E+06	0.000E+00	0.000E+00
4	1	0.00	10	-2.145E+05	-1.375E+04	1.146E+04	0.000E+00	5.695E+06	6.820E+06	0.000E+00	0.000E+00
4	1	0.00	11	-2.145E+05	-1.375E+04	-1.145E+04	0.000E+00	-5.689E+06	6.820E+06	0.000E+00	0.000E+00
4	1	0.00	12	-2.145E+05	-1.375E+04	-1.043E+04	0.000E+00	-5.181E+06	6.820E+06	0.000E+00	0.000E+00
4	1	0.00	13	-2.145E+05	-1.375E+04	1.043E+04	0.000E+00	5.181E+06	6.820E+06	0.000E+00	0.000E+00
4	1	0.00	14	-2.145E+05	-1.375E+04	1.145E+04	0.000E+00	5.689E+06	6.820E+06	0.000E+00	0.000E+00
4	1	0.00	15	-2.145E+05	-1.375E+04	-1.146E+04	0.000E+00	-5.695E+06	6.820E+06	0.000E+00	0.000E+00
4	1	0.00	16	-2.145E+05	-1.375E+04	-1.044E+04	0.000E+00	-5.187E+06	6.820E+06	0.000E+00	0.000E+00
4	2	122.50	1	-2.111E+05	1.428E+04	1.044E+04	0.000E+00	3.909E+06	-5.335E+06	4.190E-02	3.072E-02
4	2	122.50	2	-2.111E+05	1.428E+04	1.146E+04	0.000E+00	4.291E+06	-5.335E+06	4.190E-02	3.373E-02
4	2	122.50	3	-2.111E+05	1.428E+04	-1.145E+04	0.000E+00	-4.286E+06	-5.335E+06	4.190E-02	-3.369E-02
4	2	122.50	4	-2.111E+05	1.428E+04	-1.043E+04	0.000E+00	-3.904E+06	-5.335E+06	4.190E-02	-3.068E-02
4	2	122.50	5	-2.111E+05	1.428E+04	1.043E+04	0.000E+00	3.904E+06	-5.335E+06	4.190E-02	3.068E-02
4	2	122.50	6	-2.111E+05	1.428E+04	1.145E+04	0.000E+00	4.286E+06	-5.335E+06	4.190E-02	3.369E-02
4	2	122.50	7	-2.111E+05	1.428E+04	-1.146E+04	0.000E+00	-4.291E+06	-5.335E+06	4.190E-02	-3.373E-02
4	2	122.50	8	-2.111E+05	1.428E+04	-1.044E+04	0.000E+00	-3.909E+06	-5.335E+06	4.190E-02	-3.072E-02
4	2	122.50	9	-2.110E+05	-1.375E+04	1.044E+04	0.000E+00	3.909E+06	5.136E+06	-4.034E-02	3.072E-02
4	2	122.50	10	-2.110E+05	-1.375E+04	1.146E+04	0.000E+00	4.291E+06	5.136E+06	-4.034E-02	3.373E-02
4	2	122.50	11	-2.110E+05	-1.375E+04	-1.145E+04	0.000E+00	-4.286E+06	5.136E+06	-4.034E-02	-3.369E-02
4	2	122.50	12	-2.110E+05	-1.375E+04	-1.043E+04	0.000E+00	-3.904E+06	5.136E+06	-4.034E-02	-3.068E-02
4	2	122.50	13	-2.110E+05	-1.375E+04	1.043E+04	0.000E+00	3.904E+06	5.136E+06	-4.034E-02	3.068E-02
4	2	122.50	14	-2.110E+05	-1.375E+04	1.145E+04	0.000E+00	4.286E+06	5.136E+06	-4.034E-02	3.369E-02
4	2	122.50	15	-2.110E+05	-1.375E+04	-1.146E+04	0.000E+00	-4.291E+06	5.136E+06	-4.034E-02	-3.373E-02
4	2	122.50	16	-2.110E+05	-1.375E+04	-1.044E+04	0.000E+00	-3.909E+06	5.136E+06	-4.034E-02	-3.072E-02
4	3	245.00	1	-2.076E+05	1.428E+04	1.044E+04	0.000E+00	2.630E+06	-3.586E+06	4.806E-02	3.525E-02
4	3	245.00	2	-2.076E+05	1.428E+04	1.146E+04	0.000E+00	2.888E+06	-3.586E+06	4.806E-02	3.870E-02
4	3	245.00	3	-2.076E+05	1.428E+04	-1.145E+04	0.000E+00	-2.884E+06	-3.586E+06	4.806E-02	-3.865E-02
4	3	245.00	4	-2.076E+05	1.428E+04	-1.043E+04	0.000E+00	-2.627E+06	-3.586E+06	4.806E-02	-3.520E-02
4	3	245.00	5	-2.076E+05	1.428E+04	1.043E+04	0.000E+00	2.627E+06	-3.586E+06	4.806E-02	3.520E-02
4	3	245.00	6	-2.076E+05	1.428E+04	1.145E+04	0.000E+00	2.884E+06	-3.586E+06	4.806E-02	3.865E-02
4	3	245.00	7	-2.076E+05	1.428E+04	-1.146E+04	0.000E+00	-2.888E+06	-3.586E+06	4.806E-02	-3.870E-02
4	3	245.00	8	-2.076E+05	1.428E+04	-1.044E+04	0.000E+00	-2.630E+06	-3.586E+06	4.806E-02	-3.525E-02
4	3	245.00	9	-2.076E+05	-1.375E+04	1.044E+04	0.000E+00	2.630E+06	3.452E+06	-4.626E-02	3.525E-02
4	3	245.00	10	-2.076E+05	-1.375E+04	1.146E+04	0.000E+00	2.888E+06	3.452E+06	-4.626E-02	3.870E-02
4	3	245.00	11	-2.076E+05	-1.375E+04	-1.145E+04	0.000E+00	-2.884E+06	3.452E+06	-4.626E-02	-3.865E-02
4	3	245.00	12	-2.076E+05	-1.375E+04	-1.043E+04	0.000E+00	-2.627E+06	3.452E+06	-4.626E-02	-3.520E-02
4	3	245.00	13	-2.076E+05	-1.375E+04	1.043E+04	0.000E+00	2.627E+06	3.452E+06	-4.626E-02	3.520E-02
4	3	245.00	14	-2.076E+05	-1.375E+04	1.145E+04	0.000E+00	2.884E+06	3.452E+06	-4.626E-02	3.865E-02
4	3	245.00	15	-2.076E+05	-1.375E+04	-1.146E+04	0.000E+00	-2.888E+06	3.452E+06	-4.626E-02	-3.870E-02
4	3	245.00	16	-2.076E+05	-1.375E+04	-1.044E+04	0.000E+00	-2.630E+06	3.452E+06	-4.626E-02	-3.525E-02
4	4	367.50	1	-2.042E+05	1.428E+04	1.044E+04	0.000E+00	1.352E+06	-1.837E+06	3.018E-02	2.215E-02
4	4	367.50	2	-2.042E+05	1.428E+04	1.146E+04	0.000E+00	1.484E+06	-1.837E+06	3.018E-02	2.432E-02
4	4	367.50	3	-2.042E+05	1.428E+04	-1.145E+04	0.000E+00	-1.482E+06	-1.837E+06	3.018E-02	-2.429E-02
4	4	367.50	4	-2.042E+05	1.428E+04	-1.043E+04	0.000E+00	-1.350E+06	-1.837E+06	3.018E-02	-2.212E-02
4	4	367.50	5	-2.042E+05	1.428E+04	1.043E+04	0.000E+00	1.350E+06	-1.837E+06	3.018E-02	2.212E-02
4	4	367.50	6	-2.042E+05	1.428E+04	1.145E+04	0.000E+00	1.482E+06	-1.837E+06	3.018E-02	2.429E-02
4	4	367.50	7	-2.042E+05	1.428E+04	-1.146E+04	0.000E+00	-1.484E+06	-1.837E+06	3.018E-02	-2.432E-02
4	4	367.50	8	-2.042E+05	1.428E+04	-1.044E+04	0.000E+00	-1.352E+06	-1.837E+06	3.018E-02	-2.215E-02
4	4	367.50	9	-2.041E+05	-1.375E+04	1.044E+04	0.000E+00	1.352E+06	1.767E+06	-2.905E-02	2.215E-02
4	4	367.50	10	-2.041E+05	-1.375E+04	1.146E+04	0.000E+00	1.484E+06	1.767E+06	-2.905E-02	2.432E-02
4	4	367.50	11	-2.041E+05	-1.375E+04	-1.145E+04	0.000E+00	-1.482E+06	1.767E+06	-2.905E-02	-2.429E-02
4	4	367.50	12	-2.041E+05	-1.375E+04	-1.043E+04	0.000E+00	-1.350E+06	1.767E+06	-2.905E-02	-2.212E-02
4	4	367.50	13	-2.041E+05	-1.375E+04	1.043E+04	0.000E+00	1.350E+06	1.767E+06	-2.905E-02	2.212E-02
4	4	367.50	14	-2.041E+05	-1.375E+04	1.145E+04	0.000E+00	1.482E+06	1.767E+06	-2.905E-02	2.429E-02
4	4	367.50	15	-2.041E+05	-1.375E+04	-1.146E+04	0.000E+00	-1.484E+06	1.767E+06	-2.905E-02	-2.432E-02
4	4	367.50	16	-2.041E+05	-1.375E+04	-1.044E+04	0.000E+00	-1.352E+06	1.767E+06	-2.905E-02	-2.215E-02
4	5	490.00	1	-2.007E+05	1.428E+04	1.044E+04	0.000E+00	7.375E+04	-8.747E+04	1.267E-08	-3.214E-09

4	5	490.00	2	-2.007E+05	1.428E+04	1.146E+04	0.000E+00	8.102E+04	-8.747E+04	1.267E-08	-3.406E-09
4	5	490.00	3	-2.007E+05	1.428E+04	-1.145E+04	0.000E+00	-8.031E+04	-8.747E+04	1.267E-08	3.395E-09
4	5	490.00	4	-2.007E+05	1.428E+04	-1.043E+04	0.000E+00	-7.304E+04	-8.747E+04	1.267E-08	3.203E-09
4	5	490.00	5	-2.007E+05	1.428E+04	1.043E+04	0.000E+00	7.304E+04	-8.747E+04	1.267E-08	-3.203E-09
4	5	490.00	6	-2.007E+05	1.428E+04	1.145E+04	0.000E+00	8.031E+04	-8.747E+04	1.267E-08	-3.395E-09
4	5	490.00	7	-2.007E+05	1.428E+04	-1.146E+04	0.000E+00	-8.102E+04	-8.747E+04	1.267E-08	3.406E-09
4	5	490.00	8	-2.007E+05	1.428E+04	-1.044E+04	0.000E+00	-7.375E+04	-8.747E+04	1.267E-08	3.214E-09
4	5	490.00	9	-2.006E+05	-1.375E+04	1.044E+04	0.000E+00	7.375E+04	8.330E+04	-1.247E-08	-3.214E-09
4	5	490.00	10	-2.006E+05	-1.375E+04	1.146E+04	0.000E+00	8.102E+04	8.330E+04	-1.247E-08	-3.406E-09
4	5	490.00	11	-2.006E+05	-1.375E+04	-1.145E+04	0.000E+00	-8.031E+04	8.330E+04	-1.247E-08	3.395E-09
4	5	490.00	12	-2.006E+05	-1.375E+04	-1.043E+04	0.000E+00	-7.304E+04	8.330E+04	-1.247E-08	3.203E-09
4	5	490.00	13	-2.006E+05	-1.375E+04	1.043E+04	0.000E+00	7.304E+04	8.330E+04	-1.247E-08	-3.203E-09
4	5	490.00	14	-2.006E+05	-1.375E+04	1.145E+04	0.000E+00	8.031E+04	8.330E+04	-1.247E-08	-3.395E-09
4	5	490.00	15	-2.006E+05	-1.375E+04	-1.146E+04	0.000E+00	-8.102E+04	8.330E+04	-1.247E-08	3.406E-09
4	5	490.00	16	-2.006E+05	-1.375E+04	-1.044E+04	0.000E+00	-7.375E+04	8.330E+04	-1.247E-08	3.214E-09
5	1	0.00	1	-2.157E+05	1.371E+04	1.162E+04	0.000E+00	6.230E+06	-7.331E+06	0.000E+00	0.000E+00
5	1	0.00	2	-2.157E+05	1.371E+04	1.237E+04	0.000E+00	6.633E+06	-7.331E+06	0.000E+00	0.000E+00
5	1	0.00	3	-2.157E+05	1.371E+04	-1.237E+04	0.000E+00	-6.630E+06	-7.331E+06	0.000E+00	0.000E+00
5	1	0.00	4	-2.157E+05	1.371E+04	-1.162E+04	0.000E+00	-6.226E+06	-7.331E+06	0.000E+00	0.000E+00
5	1	0.00	5	-2.157E+05	1.371E+04	1.162E+04	0.000E+00	6.226E+06	-7.331E+06	0.000E+00	0.000E+00
5	1	0.00	6	-2.157E+05	1.371E+04	1.237E+04	0.000E+00	6.630E+06	-7.331E+06	0.000E+00	0.000E+00
5	1	0.00	7	-2.157E+05	1.371E+04	-1.237E+04	0.000E+00	-6.633E+06	-7.331E+06	0.000E+00	0.000E+00
5	1	0.00	8	-2.157E+05	1.371E+04	-1.162E+04	0.000E+00	-6.230E+06	-7.331E+06	0.000E+00	0.000E+00
5	1	0.00	9	-2.156E+05	-1.339E+04	1.162E+04	0.000E+00	6.230E+06	7.159E+06	0.000E+00	0.000E+00
5	1	0.00	10	-2.156E+05	-1.339E+04	1.237E+04	0.000E+00	6.633E+06	7.159E+06	0.000E+00	0.000E+00
5	1	0.00	11	-2.156E+05	-1.339E+04	-1.237E+04	0.000E+00	-6.630E+06	7.159E+06	0.000E+00	0.000E+00
5	1	0.00	12	-2.156E+05	-1.339E+04	-1.162E+04	0.000E+00	-6.226E+06	7.159E+06	0.000E+00	0.000E+00
5	1	0.00	13	-2.156E+05	-1.339E+04	1.162E+04	0.000E+00	6.226E+06	7.159E+06	0.000E+00	0.000E+00
5	1	0.00	14	-2.156E+05	-1.339E+04	1.237E+04	0.000E+00	6.630E+06	7.159E+06	0.000E+00	0.000E+00
5	1	0.00	15	-2.156E+05	-1.339E+04	-1.237E+04	0.000E+00	-6.633E+06	7.159E+06	0.000E+00	0.000E+00
5	1	0.00	16	-2.156E+05	-1.339E+04	-1.162E+04	0.000E+00	-6.230E+06	7.159E+06	0.000E+00	0.000E+00
5	2	132.50	1	-2.119E+05	1.371E+04	1.162E+04	0.000E+00	4.690E+06	-5.515E+06	5.061E-02	4.309E-02
5	2	132.50	2	-2.119E+05	1.371E+04	1.237E+04	0.000E+00	4.994E+06	-5.515E+06	5.061E-02	4.588E-02
5	2	132.50	3	-2.119E+05	1.371E+04	-1.237E+04	0.000E+00	-4.991E+06	-5.515E+06	5.061E-02	-4.585E-02
5	2	132.50	4	-2.119E+05	1.371E+04	-1.162E+04	0.000E+00	-4.687E+06	-5.515E+06	5.061E-02	-4.306E-02
5	2	132.50	5	-2.119E+05	1.371E+04	1.162E+04	0.000E+00	4.687E+06	-5.515E+06	5.061E-02	4.306E-02
5	2	132.50	6	-2.119E+05	1.371E+04	1.237E+04	0.000E+00	4.991E+06	-5.515E+06	5.061E-02	4.585E-02
5	2	132.50	7	-2.119E+05	1.371E+04	-1.237E+04	0.000E+00	-4.994E+06	-5.515E+06	5.061E-02	-4.588E-02
5	2	132.50	8	-2.119E+05	1.371E+04	-1.162E+04	0.000E+00	-4.690E+06	-5.515E+06	5.061E-02	-4.309E-02
5	2	132.50	9	-2.119E+05	-1.339E+04	1.162E+04	0.000E+00	4.690E+06	5.385E+06	-4.942E-02	4.309E-02
5	2	132.50	10	-2.119E+05	-1.339E+04	1.237E+04	0.000E+00	4.994E+06	5.385E+06	-4.942E-02	4.588E-02
5	2	132.50	11	-2.119E+05	-1.339E+04	-1.237E+04	0.000E+00	-4.991E+06	5.385E+06	-4.942E-02	-4.585E-02
5	2	132.50	12	-2.119E+05	-1.339E+04	-1.162E+04	0.000E+00	-4.687E+06	5.385E+06	-4.942E-02	-4.306E-02
5	2	132.50	13	-2.119E+05	-1.339E+04	1.162E+04	0.000E+00	4.687E+06	5.385E+06	-4.942E-02	4.306E-02
5	2	132.50	14	-2.119E+05	-1.339E+04	1.237E+04	0.000E+00	4.991E+06	5.385E+06	-4.942E-02	4.585E-02
5	2	132.50	15	-2.119E+05	-1.339E+04	-1.237E+04	0.000E+00	-4.994E+06	5.385E+06	-4.942E-02	-4.588E-02
5	2	132.50	16	-2.119E+05	-1.339E+04	-1.162E+04	0.000E+00	-4.690E+06	5.385E+06	-4.942E-02	-4.309E-02
5	3	265.00	1	-2.082E+05	1.371E+04	1.162E+04	0.000E+00	3.150E+06	-3.699E+06	5.799E-02	4.940E-02
5	3	265.00	2	-2.082E+05	1.371E+04	1.237E+04	0.000E+00	3.355E+06	-3.699E+06	5.799E-02	5.260E-02
5	3	265.00	3	-2.082E+05	1.371E+04	-1.237E+04	0.000E+00	-3.353E+06	-3.699E+06	5.799E-02	-5.257E-02
5	3	265.00	4	-2.082E+05	1.371E+04	-1.162E+04	0.000E+00	-3.148E+06	-3.699E+06	5.799E-02	-4.937E-02
5	3	265.00	5	-2.082E+05	1.371E+04	1.162E+04	0.000E+00	3.148E+06	-3.699E+06	5.799E-02	4.937E-02
5	3	265.00	6	-2.082E+05	1.371E+04	1.237E+04	0.000E+00	3.353E+06	-3.699E+06	5.799E-02	5.257E-02
5	3	265.00	7	-2.082E+05	1.371E+04	-1.237E+04	0.000E+00	-3.355E+06	-3.699E+06	5.799E-02	-5.260E-02
5	3	265.00	8	-2.082E+05	1.371E+04	-1.162E+04	0.000E+00	-3.150E+06	-3.699E+06	5.799E-02	-4.940E-02
5	3	265.00	9	-2.081E+05	-1.339E+04	1.162E+04	0.000E+00	3.150E+06	3.611E+06	-5.662E-02	4.940E-02
5	3	265.00	10	-2.081E+05	-1.339E+04	1.237E+04	0.000E+00	3.355E+06	3.611E+06	-5.662E-02	5.260E-02
5	3	265.00	11	-2.081E+05	-1.339E+04	-1.237E+04	0.000E+00	-3.353E+06	3.611E+06	-5.662E-02	-5.257E-02
5	3	265.00	12	-2.081E+05	-1.339E+04	-1.162E+04	0.000E+00	-3.148E+06	3.611E+06	-5.662E-02	-4.937E-02
5	3	265.00	13	-2.081E+05	-1.339E+04	1.162E+04	0.000E+00	3.148E+06	3.611E+06	-5.662E-02	4.937E-02
5	3	265.00	14	-2.081E+05	-1.339E+04	1.237E+04	0.000E+00	3.353E+06	3.611E+06	-5.662E-02	5.257E-02
5	3	265.00	15	-2.081E+05	-1.339E+04	-1.237E+04	0.000E+00	-3.355E+06	3.611E+06	-5.662E-02	-5.260E-02

5	3	265.00	16	-2.081E+05	-1.339E+04	-1.162E+04	0.000E+00	-3.150E+06	3.611E+06	-5.662E-02	-4.940E-02
5	4	397.50	1	-2.044E+05	1.371E+04	1.162E+04	0.000E+00	1.611E+06	-1.883E+06	3.638E-02	3.101E-02
5	4	397.50	2	-2.044E+05	1.371E+04	1.237E+04	0.000E+00	1.715E+06	-1.883E+06	3.638E-02	3.302E-02
5	4	397.50	3	-2.044E+05	1.371E+04	-1.237E+04	0.000E+00	-1.714E+06	-1.883E+06	3.638E-02	-3.300E-02
5	4	397.50	4	-2.044E+05	1.371E+04	-1.162E+04	0.000E+00	-1.609E+06	-1.883E+06	3.638E-02	-3.099E-02
5	4	397.50	5	-2.044E+05	1.371E+04	1.162E+04	0.000E+00	1.609E+06	-1.883E+06	3.638E-02	3.099E-02
5	4	397.50	6	-2.044E+05	1.371E+04	1.237E+04	0.000E+00	1.714E+06	-1.883E+06	3.638E-02	3.300E-02
5	4	397.50	7	-2.044E+05	1.371E+04	-1.237E+04	0.000E+00	-1.715E+06	-1.883E+06	3.638E-02	-3.302E-02
5	4	397.50	8	-2.044E+05	1.371E+04	-1.162E+04	0.000E+00	-1.611E+06	-1.883E+06	3.638E-02	-3.101E-02
5	4	397.50	9	-2.044E+05	-1.339E+04	1.162E+04	0.000E+00	1.611E+06	1.837E+06	-3.551E-02	3.101E-02
5	4	397.50	10	-2.044E+05	-1.339E+04	1.237E+04	0.000E+00	1.715E+06	1.837E+06	-3.551E-02	3.302E-02
5	4	397.50	11	-2.044E+05	-1.339E+04	-1.237E+04	0.000E+00	-1.714E+06	1.837E+06	-3.551E-02	-3.300E-02
5	4	397.50	12	-2.044E+05	-1.339E+04	-1.162E+04	0.000E+00	-1.609E+06	1.837E+06	-3.551E-02	-3.099E-02
5	4	397.50	13	-2.044E+05	-1.339E+04	1.162E+04	0.000E+00	1.609E+06	1.837E+06	-3.551E-02	3.099E-02
5	4	397.50	14	-2.044E+05	-1.339E+04	1.237E+04	0.000E+00	1.714E+06	1.837E+06	-3.551E-02	3.300E-02
5	4	397.50	15	-2.044E+05	-1.339E+04	-1.237E+04	0.000E+00	-1.715E+06	1.837E+06	-3.551E-02	-3.302E-02
5	4	397.50	16	-2.044E+05	-1.339E+04	-1.162E+04	0.000E+00	-1.611E+06	1.837E+06	-3.551E-02	-3.101E-02
5	5	530.00	1	-2.007E+05	1.371E+04	1.162E+04	0.000E+00	7.159E+04	-6.650E+04	-8.069E-09	-1.896E-08
5	5	530.00	2	-2.007E+05	1.371E+04	1.237E+04	0.000E+00	7.666E+04	-6.650E+04	-8.069E-09	-1.821E-08
5	5	530.00	3	-2.007E+05	1.371E+04	-1.237E+04	0.000E+00	-7.602E+04	-6.650E+04	-8.069E-09	1.821E-08
5	5	530.00	4	-2.007E+05	1.371E+04	-1.162E+04	0.000E+00	-7.095E+04	-6.650E+04	-8.069E-09	1.895E-08
5	5	530.00	5	-2.007E+05	1.371E+04	1.162E+04	0.000E+00	7.095E+04	-6.650E+04	-8.069E-09	-1.895E-08
5	5	530.00	6	-2.007E+05	1.371E+04	1.237E+04	0.000E+00	7.602E+04	-6.650E+04	-8.069E-09	-1.821E-08
5	5	530.00	7	-2.007E+05	1.371E+04	-1.237E+04	0.000E+00	-7.666E+04	-6.650E+04	-8.069E-09	1.821E-08
5	5	530.00	8	-2.007E+05	1.371E+04	-1.162E+04	0.000E+00	-7.159E+04	-6.650E+04	-8.069E-09	1.896E-08
5	5	530.00	9	-2.006E+05	-1.339E+04	1.162E+04	0.000E+00	7.159E+04	6.304E+04	7.984E-09	-1.896E-08
5	5	530.00	10	-2.006E+05	-1.339E+04	1.237E+04	0.000E+00	7.666E+04	6.304E+04	7.984E-09	-1.821E-08
5	5	530.00	11	-2.006E+05	-1.339E+04	-1.237E+04	0.000E+00	-7.602E+04	6.304E+04	7.984E-09	1.821E-08
5	5	530.00	12	-2.006E+05	-1.339E+04	-1.162E+04	0.000E+00	-7.095E+04	6.304E+04	7.984E-09	1.895E-08
5	5	530.00	13	-2.006E+05	-1.339E+04	1.162E+04	0.000E+00	7.095E+04	6.304E+04	7.984E-09	-1.895E-08
5	5	530.00	14	-2.006E+05	-1.339E+04	1.237E+04	0.000E+00	7.602E+04	6.304E+04	7.984E-09	-1.821E-08
5	5	530.00	15	-2.006E+05	-1.339E+04	-1.237E+04	0.000E+00	-7.666E+04	6.304E+04	7.984E-09	1.821E-08
5	5	530.00	16	-2.006E+05	-1.339E+04	-1.162E+04	0.000E+00	-7.159E+04	6.304E+04	7.984E-09	1.896E-08
6	1	0.00	1	-2.133E+05	2.304E+04	8.951E+03	0.000E+00	4.056E+06	-1.040E+07	0.000E+00	0.000E+00
6	1	0.00	2	-2.133E+05	2.304E+04	9.484E+03	0.000E+00	4.297E+06	-1.040E+07	0.000E+00	0.000E+00
6	1	0.00	3	-2.133E+05	2.304E+04	-9.481E+03	0.000E+00	-4.295E+06	-1.040E+07	0.000E+00	0.000E+00
6	1	0.00	4	-2.133E+05	2.304E+04	-8.948E+03	0.000E+00	-4.054E+06	-1.040E+07	0.000E+00	0.000E+00
6	1	0.00	5	-2.133E+05	2.304E+04	8.948E+03	0.000E+00	4.054E+06	-1.040E+07	0.000E+00	0.000E+00
6	1	0.00	6	-2.133E+05	2.304E+04	9.481E+03	0.000E+00	4.295E+06	-1.040E+07	0.000E+00	0.000E+00
6	1	0.00	7	-2.133E+05	2.304E+04	-9.484E+03	0.000E+00	-4.297E+06	-1.040E+07	0.000E+00	0.000E+00
6	1	0.00	8	-2.133E+05	2.304E+04	-8.951E+03	0.000E+00	-4.056E+06	-1.040E+07	0.000E+00	0.000E+00
6	1	0.00	9	-2.132E+05	-2.272E+04	8.951E+03	0.000E+00	4.056E+06	1.026E+07	0.000E+00	0.000E+00
6	1	0.00	10	-2.132E+05	-2.272E+04	9.484E+03	0.000E+00	4.297E+06	1.026E+07	0.000E+00	0.000E+00
6	1	0.00	11	-2.132E+05	-2.272E+04	-9.481E+03	0.000E+00	-4.295E+06	1.026E+07	0.000E+00	0.000E+00
6	1	0.00	12	-2.132E+05	-2.272E+04	-8.948E+03	0.000E+00	-4.054E+06	1.026E+07	0.000E+00	0.000E+00
6	1	0.00	13	-2.132E+05	-2.272E+04	8.948E+03	0.000E+00	4.054E+06	1.026E+07	0.000E+00	0.000E+00
6	1	0.00	14	-2.132E+05	-2.272E+04	9.481E+03	0.000E+00	4.295E+06	1.026E+07	0.000E+00	0.000E+00
6	1	0.00	15	-2.132E+05	-2.272E+04	-9.484E+03	0.000E+00	-4.297E+06	1.026E+07	0.000E+00	0.000E+00
6	1	0.00	16	-2.132E+05	-2.272E+04	-8.951E+03	0.000E+00	-4.056E+06	1.026E+07	0.000E+00	0.000E+00
6	2	111.25	1	-2.101E+05	2.304E+04	8.951E+03	0.000E+00	3.060E+06	-7.837E+06	5.081E-02	1.987E-02
6	2	111.25	2	-2.101E+05	2.304E+04	9.484E+03	0.000E+00	3.242E+06	-7.837E+06	5.081E-02	2.105E-02
6	2	111.25	3	-2.101E+05	2.304E+04	-9.481E+03	0.000E+00	-3.240E+06	-7.837E+06	5.081E-02	-2.103E-02
6	2	111.25	4	-2.101E+05	2.304E+04	-8.948E+03	0.000E+00	-3.058E+06	-7.837E+06	5.081E-02	-1.985E-02
6	2	111.25	5	-2.101E+05	2.304E+04	8.948E+03	0.000E+00	3.058E+06	-7.837E+06	5.081E-02	1.985E-02
6	2	111.25	6	-2.101E+05	2.304E+04	9.481E+03	0.000E+00	3.240E+06	-7.837E+06	5.081E-02	2.103E-02
6	2	111.25	7	-2.101E+05	2.304E+04	-9.484E+03	0.000E+00	-3.242E+06	-7.837E+06	5.081E-02	-2.105E-02
6	2	111.25	8	-2.101E+05	2.304E+04	-8.951E+03	0.000E+00	-3.060E+06	-7.837E+06	5.081E-02	-1.987E-02
6	2	111.25	9	-2.101E+05	-2.272E+04	8.951E+03	0.000E+00	3.060E+06	7.729E+06	-5.010E-02	1.987E-02
6	2	111.25	10	-2.101E+05	-2.272E+04	9.484E+03	0.000E+00	3.242E+06	7.729E+06	-5.010E-02	2.105E-02
6	2	111.25	11	-2.101E+05	-2.272E+04	-9.481E+03	0.000E+00	-3.240E+06	7.729E+06	-5.010E-02	-2.103E-02
6	2	111.25	12	-2.101E+05	-2.272E+04	-8.948E+03	0.000E+00	-3.058E+06	7.729E+06	-5.010E-02	-1.985E-02
6	2	111.25	13	-2.101E+05	-2.272E+04	8.948E+03	0.000E+00	3.058E+06	7.729E+06	-5.010E-02	1.985E-02

6	2	111.25	14	-2.101E+05	-2.272E+04	9.481E+03	0.000E+00	3.240E+06	7.729E+06	-5.010E-02	2.103E-02
6	2	111.25	15	-2.101E+05	-2.272E+04	-9.484E+03	0.000E+00	-3.242E+06	7.729E+06	-5.010E-02	-2.105E-02
6	2	111.25	16	-2.101E+05	-2.272E+04	-8.951E+03	0.000E+00	-3.060E+06	7.729E+06	-5.010E-02	-1.987E-02
6	3	222.50	1	-2.070E+05	2.304E+04	8.951E+03	0.000E+00	2.064E+06	-5.274E+06	5.830E-02	2.282E-02
6	3	222.50	2	-2.070E+05	2.304E+04	9.484E+03	0.000E+00	2.187E+06	-5.274E+06	5.830E-02	2.418E-02
6	3	222.50	3	-2.070E+05	2.304E+04	-9.481E+03	0.000E+00	-2.186E+06	-5.274E+06	5.830E-02	-2.416E-02
6	3	222.50	4	-2.070E+05	2.304E+04	-8.948E+03	0.000E+00	-2.063E+06	-5.274E+06	5.830E-02	-2.280E-02
6	3	222.50	5	-2.070E+05	2.304E+04	8.948E+03	0.000E+00	2.063E+06	-5.274E+06	5.830E-02	2.280E-02
6	3	222.50	6	-2.070E+05	2.304E+04	9.481E+03	0.000E+00	2.186E+06	-5.274E+06	5.830E-02	2.416E-02
6	3	222.50	7	-2.070E+05	2.304E+04	-9.484E+03	0.000E+00	-2.187E+06	-5.274E+06	5.830E-02	-2.418E-02
6	3	222.50	8	-2.070E+05	2.304E+04	-8.951E+03	0.000E+00	-2.064E+06	-5.274E+06	5.830E-02	-2.282E-02
6	3	222.50	9	-2.069E+05	-2.272E+04	8.951E+03	0.000E+00	2.064E+06	5.201E+06	-5.749E-02	2.282E-02
6	3	222.50	10	-2.069E+05	-2.272E+04	9.484E+03	0.000E+00	2.187E+06	5.201E+06	-5.749E-02	2.418E-02
6	3	222.50	11	-2.069E+05	-2.272E+04	-9.481E+03	0.000E+00	-2.186E+06	5.201E+06	-5.749E-02	-2.416E-02
6	3	222.50	12	-2.069E+05	-2.272E+04	-8.948E+03	0.000E+00	-2.063E+06	5.201E+06	-5.749E-02	-2.280E-02
6	3	222.50	13	-2.069E+05	-2.272E+04	8.948E+03	0.000E+00	2.063E+06	5.201E+06	-5.749E-02	2.280E-02
6	3	222.50	14	-2.069E+05	-2.272E+04	9.481E+03	0.000E+00	2.186E+06	5.201E+06	-5.749E-02	2.416E-02
6	3	222.50	15	-2.069E+05	-2.272E+04	-9.484E+03	0.000E+00	-2.187E+06	5.201E+06	-5.749E-02	-2.418E-02
6	3	222.50	16	-2.069E+05	-2.272E+04	-8.951E+03	0.000E+00	-2.064E+06	5.201E+06	-5.749E-02	-2.282E-02
6	4	333.75	1	-2.038E+05	2.304E+04	8.951E+03	0.000E+00	1.068E+06	-2.711E+06	3.664E-02	1.436E-02
6	4	333.75	2	-2.038E+05	2.304E+04	9.484E+03	0.000E+00	1.132E+06	-2.711E+06	3.664E-02	1.522E-02
6	4	333.75	3	-2.038E+05	2.304E+04	-9.481E+03	0.000E+00	-1.131E+06	-2.711E+06	3.664E-02	-1.521E-02
6	4	333.75	4	-2.038E+05	2.304E+04	-8.948E+03	0.000E+00	-1.067E+06	-2.711E+06	3.664E-02	-1.435E-02
6	4	333.75	5	-2.038E+05	2.304E+04	8.948E+03	0.000E+00	1.067E+06	-2.711E+06	3.664E-02	1.435E-02
6	4	333.75	6	-2.038E+05	2.304E+04	9.481E+03	0.000E+00	1.131E+06	-2.711E+06	3.664E-02	1.521E-02
6	4	333.75	7	-2.038E+05	2.304E+04	-9.484E+03	0.000E+00	-1.132E+06	-2.711E+06	3.664E-02	-1.522E-02
6	4	333.75	8	-2.038E+05	2.304E+04	-8.951E+03	0.000E+00	-1.068E+06	-2.711E+06	3.664E-02	-1.436E-02
6	4	333.75	9	-2.038E+05	-2.272E+04	8.951E+03	0.000E+00	1.068E+06	2.673E+06	-3.613E-02	1.436E-02
6	4	333.75	10	-2.038E+05	-2.272E+04	9.484E+03	0.000E+00	1.132E+06	2.673E+06	-3.613E-02	1.522E-02
6	4	333.75	11	-2.038E+05	-2.272E+04	-9.481E+03	0.000E+00	-1.131E+06	2.673E+06	-3.613E-02	-1.521E-02
6	4	333.75	12	-2.038E+05	-2.272E+04	-8.948E+03	0.000E+00	-1.067E+06	2.673E+06	-3.613E-02	-1.435E-02
6	4	333.75	13	-2.038E+05	-2.272E+04	8.948E+03	0.000E+00	1.067E+06	2.673E+06	-3.613E-02	1.435E-02
6	4	333.75	14	-2.038E+05	-2.272E+04	9.481E+03	0.000E+00	1.131E+06	2.673E+06	-3.613E-02	1.521E-02
6	4	333.75	15	-2.038E+05	-2.272E+04	-9.484E+03	0.000E+00	-1.132E+06	2.673E+06	-3.613E-02	-1.522E-02
6	4	333.75	16	-2.038E+05	-2.272E+04	-8.951E+03	0.000E+00	-1.068E+06	2.673E+06	-3.613E-02	-1.436E-02
6	5	445.00	1	-2.007E+05	2.304E+04	8.951E+03	0.000E+00	7.363E+04	-1.474E+05	-1.792E-08	3.255E-09
6	5	445.00	2	-2.007E+05	2.304E+04	9.484E+03	0.000E+00	7.775E+04	-1.474E+05	-1.792E-08	3.482E-09
6	5	445.00	3	-2.007E+05	2.304E+04	-9.481E+03	0.000E+00	-7.711E+04	-1.474E+05	-1.792E-08	-3.483E-09
6	5	445.00	4	-2.007E+05	2.304E+04	-8.948E+03	0.000E+00	-7.299E+04	-1.474E+05	-1.792E-08	-3.256E-09
6	5	445.00	5	-2.007E+05	2.304E+04	8.948E+03	0.000E+00	7.299E+04	-1.474E+05	-1.792E-08	3.256E-09
6	5	445.00	6	-2.007E+05	2.304E+04	9.481E+03	0.000E+00	7.711E+04	-1.474E+05	-1.792E-08	3.483E-09
6	5	445.00	7	-2.007E+05	2.304E+04	-9.484E+03	0.000E+00	-7.775E+04	-1.474E+05	-1.792E-08	-3.482E-09
6	5	445.00	8	-2.007E+05	2.304E+04	-8.951E+03	0.000E+00	-7.363E+04	-1.474E+05	-1.792E-08	-3.255E-09
6	5	445.00	9	-2.006E+05	-2.272E+04	8.951E+03	0.000E+00	7.363E+04	1.449E+05	1.793E-08	3.255E-09
6	5	445.00	10	-2.006E+05	-2.272E+04	9.484E+03	0.000E+00	7.775E+04	1.449E+05	1.793E-08	3.482E-09
6	5	445.00	11	-2.006E+05	-2.272E+04	-9.481E+03	0.000E+00	-7.711E+04	1.449E+05	1.793E-08	-3.483E-09
6	5	445.00	12	-2.006E+05	-2.272E+04	-8.948E+03	0.000E+00	-7.299E+04	1.449E+05	1.793E-08	-3.256E-09
6	5	445.00	13	-2.006E+05	-2.272E+04	8.948E+03	0.000E+00	7.299E+04	1.449E+05	1.793E-08	3.256E-09
6	5	445.00	14	-2.006E+05	-2.272E+04	9.481E+03	0.000E+00	7.711E+04	1.449E+05	1.793E-08	3.483E-09
6	5	445.00	15	-2.006E+05	-2.272E+04	-9.484E+03	0.000E+00	-7.775E+04	1.449E+05	1.793E-08	-3.482E-09
6	5	445.00	16	-2.006E+05	-2.272E+04	-8.951E+03	0.000E+00	-7.363E+04	1.449E+05	1.793E-08	-3.255E-09
7	1	0.00	1	-2.155E+05	1.915E+04	8.953E+03	0.000E+00	4.451E+06	-9.570E+06	0.000E+00	0.000E+00
7	1	0.00	2	-2.155E+05	1.915E+04	9.214E+03	0.000E+00	4.581E+06	-9.570E+06	0.000E+00	0.000E+00
7	1	0.00	3	-2.155E+05	1.915E+04	-9.213E+03	0.000E+00	-4.579E+06	-9.570E+06	0.000E+00	0.000E+00
7	1	0.00	4	-2.155E+05	1.915E+04	-8.952E+03	0.000E+00	-4.449E+06	-9.570E+06	0.000E+00	0.000E+00
7	1	0.00	5	-2.155E+05	1.915E+04	8.952E+03	0.000E+00	4.449E+06	-9.570E+06	0.000E+00	0.000E+00
7	1	0.00	6	-2.155E+05	1.915E+04	9.213E+03	0.000E+00	4.579E+06	-9.570E+06	0.000E+00	0.000E+00
7	1	0.00	7	-2.155E+05	1.915E+04	-9.214E+03	0.000E+00	-4.581E+06	-9.570E+06	0.000E+00	0.000E+00
7	1	0.00	8	-2.155E+05	1.915E+04	-8.953E+03	0.000E+00	-4.451E+06	-9.570E+06	0.000E+00	0.000E+00
7	1	0.00	9	-2.154E+05	-1.942E+04	8.953E+03	0.000E+00	4.451E+06	9.547E+06	0.000E+00	0.000E+00
7	1	0.00	10	-2.154E+05	-1.942E+04	9.214E+03	0.000E+00	4.581E+06	9.547E+06	0.000E+00	0.000E+00
7	1	0.00	11	-2.154E+05	-1.942E+04	-9.213E+03	0.000E+00	-4.579E+06	9.547E+06	0.000E+00	0.000E+00

7	1	0.00	12	-2.154E+05	-1.942E+04	-8.952E+03	0.000E+00	-4.449E+06	9.547E+06	0.000E+00	0.000E+00
7	1	0.00	13	-2.154E+05	-1.942E+04	8.952E+03	0.000E+00	4.449E+06	9.547E+06	0.000E+00	0.000E+00
7	1	0.00	14	-2.154E+05	-1.942E+04	9.213E+03	0.000E+00	4.579E+06	9.547E+06	0.000E+00	0.000E+00
7	1	0.00	15	-2.154E+05	-1.942E+04	-9.214E+03	0.000E+00	-4.581E+06	9.547E+06	0.000E+00	0.000E+00
7	1	0.00	16	-2.154E+05	-1.942E+04	-8.953E+03	0.000E+00	-4.451E+06	9.547E+06	0.000E+00	0.000E+00
7	2	122.50	1	-2.121E+05	1.915E+04	8.953E+03	0.000E+00	3.354E+06	-7.224E+06	5.690E-02	2.636E-02
7	2	122.50	2	-2.121E+05	1.915E+04	9.214E+03	0.000E+00	3.452E+06	-7.224E+06	5.690E-02	2.713E-02
7	2	122.50	3	-2.121E+05	1.915E+04	-9.213E+03	0.000E+00	-3.451E+06	-7.224E+06	5.690E-02	-2.712E-02
7	2	122.50	4	-2.121E+05	1.915E+04	-8.952E+03	0.000E+00	-3.353E+06	-7.224E+06	5.690E-02	-2.635E-02
7	2	122.50	5	-2.121E+05	1.915E+04	8.952E+03	0.000E+00	3.353E+06	-7.224E+06	5.690E-02	2.635E-02
7	2	122.50	6	-2.121E+05	1.915E+04	9.213E+03	0.000E+00	3.451E+06	-7.224E+06	5.690E-02	2.712E-02
7	2	122.50	7	-2.121E+05	1.915E+04	-9.214E+03	0.000E+00	-3.452E+06	-7.224E+06	5.690E-02	-2.713E-02
7	2	122.50	8	-2.121E+05	1.915E+04	-8.953E+03	0.000E+00	-3.354E+06	-7.224E+06	5.690E-02	-2.636E-02
7	2	122.50	9	-2.120E+05	-1.942E+04	8.953E+03	0.000E+00	3.354E+06	7.168E+06	-5.611E-02	2.636E-02
7	2	122.50	10	-2.120E+05	-1.942E+04	9.214E+03	0.000E+00	3.452E+06	7.168E+06	-5.611E-02	2.713E-02
7	2	122.50	11	-2.120E+05	-1.942E+04	-9.213E+03	0.000E+00	-3.451E+06	7.168E+06	-5.611E-02	-2.712E-02
7	2	122.50	12	-2.120E+05	-1.942E+04	-8.952E+03	0.000E+00	-3.353E+06	7.168E+06	-5.611E-02	-2.635E-02
7	2	122.50	13	-2.120E+05	-1.942E+04	8.952E+03	0.000E+00	3.353E+06	7.168E+06	-5.611E-02	2.635E-02
7	2	122.50	14	-2.120E+05	-1.942E+04	9.213E+03	0.000E+00	3.451E+06	7.168E+06	-5.611E-02	2.712E-02
7	2	122.50	15	-2.120E+05	-1.942E+04	-9.214E+03	0.000E+00	-3.452E+06	7.168E+06	-5.611E-02	-2.713E-02
7	2	122.50	16	-2.120E+05	-1.942E+04	-8.953E+03	0.000E+00	-3.354E+06	7.168E+06	-5.611E-02	-2.636E-02
7	3	245.00	1	-2.086E+05	1.915E+04	8.953E+03	0.000E+00	2.257E+06	-4.879E+06	6.538E-02	3.025E-02
7	3	245.00	2	-2.086E+05	1.915E+04	9.214E+03	0.000E+00	2.323E+06	-4.879E+06	6.538E-02	3.113E-02
7	3	245.00	3	-2.086E+05	1.915E+04	-9.213E+03	0.000E+00	-2.322E+06	-4.879E+06	6.538E-02	-3.112E-02
7	3	245.00	4	-2.086E+05	1.915E+04	-8.952E+03	0.000E+00	-2.256E+06	-4.879E+06	6.538E-02	-3.024E-02
7	3	245.00	5	-2.086E+05	1.915E+04	8.952E+03	0.000E+00	2.256E+06	-4.879E+06	6.538E-02	3.024E-02
7	3	245.00	6	-2.086E+05	1.915E+04	9.213E+03	0.000E+00	2.322E+06	-4.879E+06	6.538E-02	3.112E-02
7	3	245.00	7	-2.086E+05	1.915E+04	-9.214E+03	0.000E+00	-2.323E+06	-4.879E+06	6.538E-02	-3.113E-02
7	3	245.00	8	-2.086E+05	1.915E+04	-8.953E+03	0.000E+00	-2.257E+06	-4.879E+06	6.538E-02	-3.025E-02
7	3	245.00	9	-2.085E+05	-1.942E+04	8.953E+03	0.000E+00	2.257E+06	4.789E+06	-6.419E-02	3.025E-02
7	3	245.00	10	-2.085E+05	-1.942E+04	9.214E+03	0.000E+00	2.323E+06	4.789E+06	-6.419E-02	3.113E-02
7	3	245.00	11	-2.085E+05	-1.942E+04	-9.213E+03	0.000E+00	-2.322E+06	4.789E+06	-6.419E-02	-3.112E-02
7	3	245.00	12	-2.085E+05	-1.942E+04	-8.952E+03	0.000E+00	-2.256E+06	4.789E+06	-6.419E-02	-3.024E-02
7	3	245.00	13	-2.085E+05	-1.942E+04	8.952E+03	0.000E+00	2.256E+06	4.789E+06	-6.419E-02	3.024E-02
7	3	245.00	14	-2.085E+05	-1.942E+04	9.213E+03	0.000E+00	2.322E+06	4.789E+06	-6.419E-02	3.112E-02
7	3	245.00	15	-2.085E+05	-1.942E+04	-9.214E+03	0.000E+00	-2.323E+06	4.789E+06	-6.419E-02	-3.113E-02
7	3	245.00	16	-2.085E+05	-1.942E+04	-8.953E+03	0.000E+00	-2.257E+06	4.789E+06	-6.419E-02	-3.025E-02
7	4	367.50	1	-2.051E+05	1.915E+04	8.953E+03	0.000E+00	1.161E+06	-2.533E+06	4.118E-02	1.902E-02
7	4	367.50	2	-2.051E+05	1.915E+04	9.214E+03	0.000E+00	1.194E+06	-2.533E+06	4.118E-02	1.957E-02
7	4	367.50	3	-2.051E+05	1.915E+04	-9.213E+03	0.000E+00	-1.194E+06	-2.533E+06	4.118E-02	-1.956E-02
7	4	367.50	4	-2.051E+05	1.915E+04	-8.952E+03	0.000E+00	-1.160E+06	-2.533E+06	4.118E-02	-1.901E-02
7	4	367.50	5	-2.051E+05	1.915E+04	8.952E+03	0.000E+00	1.160E+06	-2.533E+06	4.118E-02	1.901E-02
7	4	367.50	6	-2.051E+05	1.915E+04	9.213E+03	0.000E+00	1.194E+06	-2.533E+06	4.118E-02	1.956E-02
7	4	367.50	7	-2.051E+05	1.915E+04	-9.214E+03	0.000E+00	-1.194E+06	-2.533E+06	4.118E-02	-1.957E-02
7	4	367.50	8	-2.051E+05	1.915E+04	-8.953E+03	0.000E+00	-1.161E+06	-2.533E+06	4.118E-02	-1.902E-02
7	4	367.50	9	-2.051E+05	-1.942E+04	8.953E+03	0.000E+00	1.161E+06	2.410E+06	-4.017E-02	1.902E-02
7	4	367.50	10	-2.051E+05	-1.942E+04	9.214E+03	0.000E+00	1.194E+06	2.410E+06	-4.017E-02	1.957E-02
7	4	367.50	11	-2.051E+05	-1.942E+04	-9.213E+03	0.000E+00	-1.194E+06	2.410E+06	-4.017E-02	-1.956E-02
7	4	367.50	12	-2.051E+05	-1.942E+04	-8.952E+03	0.000E+00	-1.160E+06	2.410E+06	-4.017E-02	-1.901E-02
7	4	367.50	13	-2.051E+05	-1.942E+04	8.952E+03	0.000E+00	1.160E+06	2.410E+06	-4.017E-02	1.901E-02
7	4	367.50	14	-2.051E+05	-1.942E+04	9.213E+03	0.000E+00	1.194E+06	2.410E+06	-4.017E-02	1.956E-02
7	4	367.50	15	-2.051E+05	-1.942E+04	-9.214E+03	0.000E+00	-1.194E+06	2.410E+06	-4.017E-02	-1.957E-02
7	4	367.50	16	-2.051E+05	-1.942E+04	-8.953E+03	0.000E+00	-1.161E+06	2.410E+06	-4.017E-02	-1.902E-02
7	5	490.00	1	-2.017E+05	1.915E+04	8.953E+03	0.000E+00	6.468E+04	-1.868E+05	1.243E-08	-5.812E-09
7	5	490.00	2	-2.017E+05	1.915E+04	9.214E+03	0.000E+00	6.648E+04	-1.868E+05	1.243E-08	-5.828E-09
7	5	490.00	3	-2.017E+05	1.915E+04	-9.213E+03	0.000E+00	-6.588E+04	-1.868E+05	1.243E-08	5.830E-09
7	5	490.00	4	-2.017E+05	1.915E+04	-8.952E+03	0.000E+00	-6.407E+04	-1.868E+05	1.243E-08	5.813E-09
7	5	490.00	5	-2.017E+05	1.915E+04	8.952E+03	0.000E+00	6.407E+04	-1.868E+05	1.243E-08	-5.813E-09
7	5	490.00	6	-2.017E+05	1.915E+04	9.213E+03	0.000E+00	6.588E+04	-1.868E+05	1.243E-08	-5.830E-09
7	5	490.00	7	-2.017E+05	1.915E+04	-9.214E+03	0.000E+00	-6.648E+04	-1.868E+05	1.243E-08	5.828E-09
7	5	490.00	8	-2.017E+05	1.915E+04	-8.953E+03	0.000E+00	-6.468E+04	-1.868E+05	1.243E-08	5.812E-09
7	5	490.00	9	-2.016E+05	-1.942E+04	8.953E+03	0.000E+00	6.468E+04	3.156E+04	-1.243E-08	-5.812E-09

7	5	490.00	10	-2.016E+05	-1.942E+04	9.214E+03	0.000E+00	6.648E+04	3.156E+04	-1.243E-08	-5.828E-09
7	5	490.00	11	-2.016E+05	-1.942E+04	-9.213E+03	0.000E+00	-6.588E+04	3.156E+04	-1.243E-08	5.830E-09
7	5	490.00	12	-2.016E+05	-1.942E+04	-8.952E+03	0.000E+00	-6.407E+04	3.156E+04	-1.243E-08	5.813E-09
7	5	490.00	13	-2.016E+05	-1.942E+04	8.952E+03	0.000E+00	6.407E+04	3.156E+04	-1.243E-08	-5.813E-09
7	5	490.00	14	-2.016E+05	-1.942E+04	9.213E+03	0.000E+00	6.588E+04	3.156E+04	-1.243E-08	-5.830E-09
7	5	490.00	15	-2.016E+05	-1.942E+04	-9.214E+03	0.000E+00	-6.648E+04	3.156E+04	-1.243E-08	5.828E-09
7	5	490.00	16	-2.016E+05	-1.942E+04	-8.953E+03	0.000E+00	-6.468E+04	3.156E+04	-1.243E-08	5.812E-09
8	1	0.00	1	-2.168E+05	1.878E+04	1.039E+04	0.000E+00	5.271E+06	-9.495E+06	0.000E+00	0.000E+00
8	1	0.00	2	-2.168E+05	1.878E+04	1.041E+04	0.000E+00	5.277E+06	-9.495E+06	0.000E+00	0.000E+00
8	1	0.00	3	-2.168E+05	1.878E+04	-1.041E+04	0.000E+00	-5.277E+06	-9.495E+06	0.000E+00	0.000E+00
8	1	0.00	4	-2.168E+05	1.878E+04	-1.039E+04	0.000E+00	-5.270E+06	-9.495E+06	0.000E+00	0.000E+00
8	1	0.00	5	-2.168E+05	1.878E+04	1.039E+04	0.000E+00	5.270E+06	-9.495E+06	0.000E+00	0.000E+00
8	1	0.00	6	-2.168E+05	1.878E+04	1.041E+04	0.000E+00	5.277E+06	-9.495E+06	0.000E+00	0.000E+00
8	1	0.00	7	-2.168E+05	1.878E+04	-1.041E+04	0.000E+00	-5.277E+06	-9.495E+06	0.000E+00	0.000E+00
8	1	0.00	8	-2.168E+05	1.878E+04	-1.039E+04	0.000E+00	-5.271E+06	-9.495E+06	0.000E+00	0.000E+00
8	1	0.00	9	-2.167E+05	-1.879E+04	1.039E+04	0.000E+00	5.271E+06	9.501E+06	0.000E+00	0.000E+00
8	1	0.00	10	-2.167E+05	-1.879E+04	1.041E+04	0.000E+00	5.277E+06	9.501E+06	0.000E+00	0.000E+00
8	1	0.00	11	-2.167E+05	-1.879E+04	-1.041E+04	0.000E+00	-5.277E+06	9.501E+06	0.000E+00	0.000E+00
8	1	0.00	12	-2.167E+05	-1.879E+04	-1.039E+04	0.000E+00	-5.270E+06	9.501E+06	0.000E+00	0.000E+00
8	1	0.00	13	-2.167E+05	-1.879E+04	1.039E+04	0.000E+00	5.270E+06	9.501E+06	0.000E+00	0.000E+00
8	1	0.00	14	-2.167E+05	-1.879E+04	1.041E+04	0.000E+00	5.277E+06	9.501E+06	0.000E+00	0.000E+00
8	1	0.00	15	-2.167E+05	-1.879E+04	-1.041E+04	0.000E+00	-5.277E+06	9.501E+06	0.000E+00	0.000E+00
8	1	0.00	16	-2.167E+05	-1.879E+04	-1.039E+04	0.000E+00	-5.271E+06	9.501E+06	0.000E+00	0.000E+00
8	2	125.00	1	-2.132E+05	1.878E+04	1.039E+04	0.000E+00	3.972E+06	-7.148E+06	5.843E-02	3.250E-02
8	2	125.00	2	-2.132E+05	1.878E+04	1.041E+04	0.000E+00	3.976E+06	-7.148E+06	5.843E-02	3.254E-02
8	2	125.00	3	-2.132E+05	1.878E+04	-1.041E+04	0.000E+00	-3.976E+06	-7.148E+06	5.843E-02	-3.253E-02
8	2	125.00	4	-2.132E+05	1.878E+04	-1.039E+04	0.000E+00	-3.971E+06	-7.148E+06	5.843E-02	-3.250E-02
8	2	125.00	5	-2.132E+05	1.878E+04	1.039E+04	0.000E+00	3.971E+06	-7.148E+06	5.843E-02	3.250E-02
8	2	125.00	6	-2.132E+05	1.878E+04	1.041E+04	0.000E+00	3.976E+06	-7.148E+06	5.843E-02	3.253E-02
8	2	125.00	7	-2.132E+05	1.878E+04	-1.041E+04	0.000E+00	-3.976E+06	-7.148E+06	5.843E-02	-3.254E-02
8	2	125.00	8	-2.132E+05	1.878E+04	-1.039E+04	0.000E+00	-3.972E+06	-7.148E+06	5.843E-02	-3.250E-02
8	2	125.00	9	-2.132E+05	-1.879E+04	1.039E+04	0.000E+00	3.972E+06	7.152E+06	-5.847E-02	3.250E-02
8	2	125.00	10	-2.132E+05	-1.879E+04	1.041E+04	0.000E+00	3.976E+06	7.152E+06	-5.847E-02	3.254E-02
8	2	125.00	11	-2.132E+05	-1.879E+04	-1.041E+04	0.000E+00	-3.976E+06	7.152E+06	-5.847E-02	-3.253E-02
8	2	125.00	12	-2.132E+05	-1.879E+04	-1.039E+04	0.000E+00	-3.971E+06	7.152E+06	-5.847E-02	-3.250E-02
8	2	125.00	13	-2.132E+05	-1.879E+04	1.039E+04	0.000E+00	3.971E+06	7.152E+06	-5.847E-02	3.250E-02
8	2	125.00	14	-2.132E+05	-1.879E+04	1.041E+04	0.000E+00	3.976E+06	7.152E+06	-5.847E-02	3.253E-02
8	2	125.00	15	-2.132E+05	-1.879E+04	-1.041E+04	0.000E+00	-3.976E+06	7.152E+06	-5.847E-02	-3.254E-02
8	2	125.00	16	-2.132E+05	-1.879E+04	-1.039E+04	0.000E+00	-3.972E+06	7.152E+06	-5.847E-02	-3.250E-02
8	3	250.00	1	-2.097E+05	1.878E+04	1.039E+04	0.000E+00	2.672E+06	-4.800E+06	6.699E-02	3.729E-02
8	3	250.00	2	-2.097E+05	1.878E+04	1.041E+04	0.000E+00	2.676E+06	-4.800E+06	6.699E-02	3.734E-02
8	3	250.00	3	-2.097E+05	1.878E+04	-1.041E+04	0.000E+00	-2.675E+06	-4.800E+06	6.699E-02	-3.733E-02
8	3	250.00	4	-2.097E+05	1.878E+04	-1.039E+04	0.000E+00	-2.672E+06	-4.800E+06	6.699E-02	-3.728E-02
8	3	250.00	5	-2.097E+05	1.878E+04	1.039E+04	0.000E+00	2.672E+06	-4.800E+06	6.699E-02	3.728E-02
8	3	250.00	6	-2.097E+05	1.878E+04	1.041E+04	0.000E+00	2.675E+06	-4.800E+06	6.699E-02	3.733E-02
8	3	250.00	7	-2.097E+05	1.878E+04	-1.041E+04	0.000E+00	-2.676E+06	-4.800E+06	6.699E-02	-3.734E-02
8	3	250.00	8	-2.097E+05	1.878E+04	-1.039E+04	0.000E+00	-2.672E+06	-4.800E+06	6.699E-02	-3.729E-02
8	3	250.00	9	-2.096E+05	-1.879E+04	1.039E+04	0.000E+00	2.672E+06	4.803E+06	-6.703E-02	3.729E-02
8	3	250.00	10	-2.096E+05	-1.879E+04	1.041E+04	0.000E+00	2.676E+06	4.803E+06	-6.703E-02	3.734E-02
8	3	250.00	11	-2.096E+05	-1.879E+04	-1.041E+04	0.000E+00	-2.675E+06	4.803E+06	-6.703E-02	-3.733E-02
8	3	250.00	12	-2.096E+05	-1.879E+04	-1.039E+04	0.000E+00	-2.672E+06	4.803E+06	-6.703E-02	-3.728E-02
8	3	250.00	13	-2.096E+05	-1.879E+04	1.039E+04	0.000E+00	2.672E+06	4.803E+06	-6.703E-02	3.728E-02
8	3	250.00	14	-2.096E+05	-1.879E+04	1.041E+04	0.000E+00	2.675E+06	4.803E+06	-6.703E-02	3.733E-02
8	3	250.00	15	-2.096E+05	-1.879E+04	-1.041E+04	0.000E+00	-2.676E+06	4.803E+06	-6.703E-02	-3.734E-02
8	3	250.00	16	-2.096E+05	-1.879E+04	-1.039E+04	0.000E+00	-2.672E+06	4.803E+06	-6.703E-02	-3.729E-02
8	4	375.00	1	-2.062E+05	1.878E+04	1.039E+04	0.000E+00	1.373E+06	-2.453E+06	4.205E-02	2.344E-02
8	4	375.00	2	-2.062E+05	1.878E+04	1.041E+04	0.000E+00	1.375E+06	-2.453E+06	4.205E-02	2.346E-02
8	4	375.00	3	-2.062E+05	1.878E+04	-1.041E+04	0.000E+00	-1.374E+06	-2.453E+06	4.205E-02	-2.346E-02
8	4	375.00	4	-2.062E+05	1.878E+04	-1.039E+04	0.000E+00	-1.373E+06	-2.453E+06	4.205E-02	-2.343E-02
8	4	375.00	5	-2.062E+05	1.878E+04	1.039E+04	0.000E+00	1.373E+06	-2.453E+06	4.205E-02	2.343E-02
8	4	375.00	6	-2.062E+05	1.878E+04	1.041E+04	0.000E+00	1.374E+06	-2.453E+06	4.205E-02	2.346E-02
8	4	375.00	7	-2.062E+05	1.878E+04	-1.041E+04	0.000E+00	-1.375E+06	-2.453E+06	4.205E-02	-2.346E-02

8	4	375.00	8	-2.062E+05	1.878E+04	-1.039E+04	0.000E+00	-1.373E+06	-2.453E+06	4.205E-02	-2.344E-02
8	4	375.00	9	-2.061E+05	-1.879E+04	1.039E+04	0.000E+00	1.373E+06	2.455E+06	-4.208E-02	2.344E-02
8	4	375.00	10	-2.061E+05	-1.879E+04	1.041E+04	0.000E+00	1.375E+06	2.455E+06	-4.208E-02	2.346E-02
8	4	375.00	11	-2.061E+05	-1.879E+04	-1.041E+04	0.000E+00	-1.374E+06	2.455E+06	-4.208E-02	-2.346E-02
8	4	375.00	12	-2.061E+05	-1.879E+04	-1.039E+04	0.000E+00	-1.373E+06	2.455E+06	-4.208E-02	-2.343E-02
8	4	375.00	13	-2.061E+05	-1.879E+04	1.039E+04	0.000E+00	1.373E+06	2.455E+06	-4.208E-02	2.343E-02
8	4	375.00	14	-2.061E+05	-1.879E+04	1.041E+04	0.000E+00	1.374E+06	2.455E+06	-4.208E-02	2.346E-02
8	4	375.00	15	-2.061E+05	-1.879E+04	-1.041E+04	0.000E+00	-1.375E+06	2.455E+06	-4.208E-02	-2.346E-02
8	4	375.00	16	-2.061E+05	-1.879E+04	-1.039E+04	0.000E+00	-1.373E+06	2.455E+06	-4.208E-02	-2.344E-02
8	5	500.00	1	-2.026E+05	1.878E+04	1.039E+04	0.000E+00	7.442E+04	-1.056E+05	-1.698E-08	6.644E-09
8	5	500.00	2	-2.026E+05	1.878E+04	1.041E+04	0.000E+00	7.447E+04	-1.056E+05	-1.698E-08	6.641E-09
8	5	500.00	3	-2.026E+05	1.878E+04	-1.041E+04	0.000E+00	-7.385E+04	-1.056E+05	-1.698E-08	-6.640E-09
8	5	500.00	4	-2.026E+05	1.878E+04	-1.039E+04	0.000E+00	-7.380E+04	-1.056E+05	-1.698E-08	-6.643E-09
8	5	500.00	5	-2.026E+05	1.878E+04	1.039E+04	0.000E+00	7.380E+04	-1.056E+05	-1.698E-08	6.643E-09
8	5	500.00	6	-2.026E+05	1.878E+04	1.041E+04	0.000E+00	7.385E+04	-1.056E+05	-1.698E-08	6.640E-09
8	5	500.00	7	-2.026E+05	1.878E+04	-1.041E+04	0.000E+00	-7.447E+04	-1.056E+05	-1.698E-08	-6.641E-09
8	5	500.00	8	-2.026E+05	1.878E+04	-1.039E+04	0.000E+00	-7.442E+04	-1.056E+05	-1.698E-08	-6.644E-09
8	5	500.00	9	-2.026E+05	-1.879E+04	1.039E+04	0.000E+00	7.442E+04	1.057E+05	1.699E-08	6.644E-09
8	5	500.00	10	-2.026E+05	-1.879E+04	1.041E+04	0.000E+00	7.447E+04	1.057E+05	1.699E-08	6.641E-09
8	5	500.00	11	-2.026E+05	-1.879E+04	-1.041E+04	0.000E+00	-7.385E+04	1.057E+05	1.699E-08	-6.640E-09
8	5	500.00	12	-2.026E+05	-1.879E+04	-1.039E+04	0.000E+00	-7.380E+04	1.057E+05	1.699E-08	-6.643E-09
8	5	500.00	13	-2.026E+05	-1.879E+04	1.039E+04	0.000E+00	7.380E+04	1.057E+05	1.699E-08	6.643E-09
8	5	500.00	14	-2.026E+05	-1.879E+04	1.041E+04	0.000E+00	7.385E+04	1.057E+05	1.699E-08	6.640E-09
8	5	500.00	15	-2.026E+05	-1.879E+04	-1.041E+04	0.000E+00	-7.447E+04	1.057E+05	1.699E-08	-6.641E-09
8	5	500.00	16	-2.026E+05	-1.879E+04	-1.039E+04	0.000E+00	-7.442E+04	1.057E+05	1.699E-08	-6.644E-09
9	1	0.00	1	-2.162E+05	1.732E+04	1.134E+04	0.000E+00	5.919E+06	-8.939E+06	0.000E+00	0.000E+00
9	1	0.00	2	-2.162E+05	1.732E+04	1.110E+04	0.000E+00	5.795E+06	-8.939E+06	0.000E+00	0.000E+00
9	1	0.00	3	-2.162E+05	1.732E+04	-1.111E+04	0.000E+00	-5.795E+06	-8.939E+06	0.000E+00	0.000E+00
9	1	0.00	4	-2.162E+05	1.732E+04	-1.134E+04	0.000E+00	-5.920E+06	-8.939E+06	0.000E+00	0.000E+00
9	1	0.00	5	-2.162E+05	1.732E+04	1.134E+04	0.000E+00	5.920E+06	-8.939E+06	0.000E+00	0.000E+00
9	1	0.00	6	-2.162E+05	1.732E+04	1.111E+04	0.000E+00	5.795E+06	-8.939E+06	0.000E+00	0.000E+00
9	1	0.00	7	-2.162E+05	1.732E+04	-1.110E+04	0.000E+00	-5.795E+06	-8.939E+06	0.000E+00	0.000E+00
9	1	0.00	8	-2.162E+05	1.732E+04	-1.134E+04	0.000E+00	-5.919E+06	-8.939E+06	0.000E+00	0.000E+00
9	1	0.00	9	-2.162E+05	-1.708E+04	1.134E+04	0.000E+00	5.919E+06	8.968E+06	0.000E+00	0.000E+00
9	1	0.00	10	-2.162E+05	-1.708E+04	1.110E+04	0.000E+00	5.795E+06	8.968E+06	0.000E+00	0.000E+00
9	1	0.00	11	-2.162E+05	-1.708E+04	-1.111E+04	0.000E+00	-5.795E+06	8.968E+06	0.000E+00	0.000E+00
9	1	0.00	12	-2.162E+05	-1.708E+04	-1.134E+04	0.000E+00	-5.920E+06	8.968E+06	0.000E+00	0.000E+00
9	1	0.00	13	-2.162E+05	-1.708E+04	1.134E+04	0.000E+00	5.920E+06	8.968E+06	0.000E+00	0.000E+00
9	1	0.00	14	-2.162E+05	-1.708E+04	1.111E+04	0.000E+00	5.795E+06	8.968E+06	0.000E+00	0.000E+00
9	1	0.00	15	-2.162E+05	-1.708E+04	-1.110E+04	0.000E+00	-5.795E+06	8.968E+06	0.000E+00	0.000E+00
9	1	0.00	16	-2.162E+05	-1.708E+04	-1.134E+04	0.000E+00	-5.919E+06	8.968E+06	0.000E+00	0.000E+00
9	2	128.75	1	-2.126E+05	1.732E+04	1.134E+04	0.000E+00	4.459E+06	-6.709E+06	5.799E-02	3.870E-02
9	2	128.75	2	-2.126E+05	1.732E+04	1.110E+04	0.000E+00	4.366E+06	-6.709E+06	5.799E-02	3.789E-02
9	2	128.75	3	-2.126E+05	1.732E+04	-1.111E+04	0.000E+00	-4.366E+06	-6.709E+06	5.799E-02	-3.789E-02
9	2	128.75	4	-2.126E+05	1.732E+04	-1.134E+04	0.000E+00	-4.459E+06	-6.709E+06	5.799E-02	-3.870E-02
9	2	128.75	5	-2.126E+05	1.732E+04	1.134E+04	0.000E+00	4.459E+06	-6.709E+06	5.799E-02	3.870E-02
9	2	128.75	6	-2.126E+05	1.732E+04	1.111E+04	0.000E+00	4.366E+06	-6.709E+06	5.799E-02	3.789E-02
9	2	128.75	7	-2.126E+05	1.732E+04	-1.110E+04	0.000E+00	-4.366E+06	-6.709E+06	5.799E-02	-3.789E-02
9	2	128.75	8	-2.126E+05	1.732E+04	-1.134E+04	0.000E+00	-4.459E+06	-6.709E+06	5.799E-02	-3.870E-02
9	2	128.75	9	-2.125E+05	-1.708E+04	1.134E+04	0.000E+00	4.459E+06	6.769E+06	-5.889E-02	3.870E-02
9	2	128.75	10	-2.125E+05	-1.708E+04	1.110E+04	0.000E+00	4.366E+06	6.769E+06	-5.889E-02	3.789E-02
9	2	128.75	11	-2.125E+05	-1.708E+04	-1.111E+04	0.000E+00	-4.366E+06	6.769E+06	-5.889E-02	-3.789E-02
9	2	128.75	12	-2.125E+05	-1.708E+04	-1.134E+04	0.000E+00	-4.459E+06	6.769E+06	-5.889E-02	-3.870E-02
9	2	128.75	13	-2.125E+05	-1.708E+04	1.134E+04	0.000E+00	4.459E+06	6.769E+06	-5.889E-02	3.870E-02
9	2	128.75	14	-2.125E+05	-1.708E+04	1.111E+04	0.000E+00	4.366E+06	6.769E+06	-5.889E-02	3.789E-02
9	2	128.75	15	-2.125E+05	-1.708E+04	-1.110E+04	0.000E+00	-4.366E+06	6.769E+06	-5.889E-02	-3.789E-02
9	2	128.75	16	-2.125E+05	-1.708E+04	-1.134E+04	0.000E+00	-4.459E+06	6.769E+06	-5.889E-02	-3.870E-02
9	3	257.50	1	-2.089E+05	1.732E+04	1.134E+04	0.000E+00	2.999E+06	-4.479E+06	6.631E-02	4.440E-02
9	3	257.50	2	-2.089E+05	1.732E+04	1.110E+04	0.000E+00	2.936E+06	-4.479E+06	6.631E-02	4.347E-02
9	3	257.50	3	-2.089E+05	1.732E+04	-1.111E+04	0.000E+00	-2.936E+06	-4.479E+06	6.631E-02	-4.346E-02
9	3	257.50	4	-2.089E+05	1.732E+04	-1.134E+04	0.000E+00	-2.999E+06	-4.479E+06	6.631E-02	-4.440E-02
9	3	257.50	5	-2.089E+05	1.732E+04	1.134E+04	0.000E+00	2.999E+06	-4.479E+06	6.631E-02	4.440E-02

9	3	257.50	6	-2.089E+05	1.732E+04	1.111E+04	0.000E+00	2.936E+06	-4.479E+06	6.631E-02	4.346E-02
9	3	257.50	7	-2.089E+05	1.732E+04	-1.110E+04	0.000E+00	-2.936E+06	-4.479E+06	6.631E-02	-4.347E-02
9	3	257.50	8	-2.089E+05	1.732E+04	-1.134E+04	0.000E+00	-2.999E+06	-4.479E+06	6.631E-02	-4.440E-02
9	3	257.50	9	-2.089E+05	-1.708E+04	1.134E+04	0.000E+00	2.999E+06	4.570E+06	-6.767E-02	4.440E-02
9	3	257.50	10	-2.089E+05	-1.708E+04	1.110E+04	0.000E+00	2.936E+06	4.570E+06	-6.767E-02	4.347E-02
9	3	257.50	11	-2.089E+05	-1.708E+04	-1.111E+04	0.000E+00	-2.936E+06	4.570E+06	-6.767E-02	-4.346E-02
9	3	257.50	12	-2.089E+05	-1.708E+04	-1.134E+04	0.000E+00	-2.999E+06	4.570E+06	-6.767E-02	-4.440E-02
9	3	257.50	13	-2.089E+05	-1.708E+04	1.134E+04	0.000E+00	2.999E+06	4.570E+06	-6.767E-02	4.440E-02
9	3	257.50	14	-2.089E+05	-1.708E+04	1.111E+04	0.000E+00	2.936E+06	4.570E+06	-6.767E-02	4.346E-02
9	3	257.50	15	-2.089E+05	-1.708E+04	-1.110E+04	0.000E+00	-2.936E+06	4.570E+06	-6.767E-02	-4.347E-02
9	3	257.50	16	-2.089E+05	-1.708E+04	-1.134E+04	0.000E+00	-2.999E+06	4.570E+06	-6.767E-02	-4.440E-02
9	4	386.25	1	-2.053E+05	1.732E+04	1.134E+04	0.000E+00	1.539E+06	-2.249E+06	4.148E-02	2.790E-02
9	4	386.25	2	-2.053E+05	1.732E+04	1.110E+04	0.000E+00	1.506E+06	-2.249E+06	4.148E-02	2.731E-02
9	4	386.25	3	-2.053E+05	1.732E+04	-1.111E+04	0.000E+00	-1.506E+06	-2.249E+06	4.148E-02	-2.731E-02
9	4	386.25	4	-2.053E+05	1.732E+04	-1.134E+04	0.000E+00	-1.538E+06	-2.249E+06	4.148E-02	-2.789E-02
9	4	386.25	5	-2.053E+05	1.732E+04	1.134E+04	0.000E+00	1.538E+06	-2.249E+06	4.148E-02	2.789E-02
9	4	386.25	6	-2.053E+05	1.732E+04	1.111E+04	0.000E+00	1.506E+06	-2.249E+06	4.148E-02	2.731E-02
9	4	386.25	7	-2.053E+05	1.732E+04	-1.110E+04	0.000E+00	-1.506E+06	-2.249E+06	4.148E-02	-2.731E-02
9	4	386.25	8	-2.053E+05	1.732E+04	-1.134E+04	0.000E+00	-1.539E+06	-2.249E+06	4.148E-02	-2.790E-02
9	4	386.25	9	-2.052E+05	-1.708E+04	1.134E+04	0.000E+00	1.539E+06	2.371E+06	-4.261E-02	2.790E-02
9	4	386.25	10	-2.052E+05	-1.708E+04	1.110E+04	0.000E+00	1.506E+06	2.371E+06	-4.261E-02	2.731E-02
9	4	386.25	11	-2.052E+05	-1.708E+04	-1.111E+04	0.000E+00	-1.506E+06	2.371E+06	-4.261E-02	-2.731E-02
9	4	386.25	12	-2.052E+05	-1.708E+04	-1.134E+04	0.000E+00	-1.538E+06	2.371E+06	-4.261E-02	-2.789E-02
9	4	386.25	13	-2.052E+05	-1.708E+04	1.134E+04	0.000E+00	1.538E+06	2.371E+06	-4.261E-02	2.789E-02
9	4	386.25	14	-2.052E+05	-1.708E+04	1.111E+04	0.000E+00	1.506E+06	2.371E+06	-4.261E-02	2.731E-02
9	4	386.25	15	-2.052E+05	-1.708E+04	-1.110E+04	0.000E+00	-1.506E+06	2.371E+06	-4.261E-02	-2.731E-02
9	4	386.25	16	-2.052E+05	-1.708E+04	-1.134E+04	0.000E+00	-1.539E+06	2.371E+06	-4.261E-02	-2.790E-02
9	5	515.00	1	-2.017E+05	1.732E+04	1.134E+04	0.000E+00	7.890E+04	-1.883E+04	4.098E-09	-4.959E-09
9	5	515.00	2	-2.017E+05	1.732E+04	1.110E+04	0.000E+00	7.720E+04	-1.883E+04	4.098E-09	-4.696E-09
9	5	515.00	3	-2.017E+05	1.732E+04	-1.111E+04	0.000E+00	-7.662E+04	-1.883E+04	4.098E-09	4.696E-09
9	5	515.00	4	-2.017E+05	1.732E+04	-1.134E+04	0.000E+00	-7.832E+04	-1.883E+04	4.098E-09	4.960E-09
9	5	515.00	5	-2.017E+05	1.732E+04	1.134E+04	0.000E+00	7.832E+04	-1.883E+04	4.098E-09	-4.960E-09
9	5	515.00	6	-2.017E+05	1.732E+04	1.111E+04	0.000E+00	7.662E+04	-1.883E+04	4.098E-09	-4.696E-09
9	5	515.00	7	-2.017E+05	1.732E+04	-1.110E+04	0.000E+00	-7.720E+04	-1.883E+04	4.098E-09	4.696E-09
9	5	515.00	8	-2.017E+05	1.732E+04	-1.134E+04	0.000E+00	-7.890E+04	-1.883E+04	4.098E-09	4.959E-09
9	5	515.00	9	-2.016E+05	-1.708E+04	1.134E+04	0.000E+00	7.890E+04	1.725E+05	-3.948E-09	-4.959E-09
9	5	515.00	10	-2.016E+05	-1.708E+04	1.110E+04	0.000E+00	7.720E+04	1.725E+05	-3.948E-09	-4.696E-09
9	5	515.00	11	-2.016E+05	-1.708E+04	-1.111E+04	0.000E+00	-7.662E+04	1.725E+05	-3.948E-09	4.696E-09
9	5	515.00	12	-2.016E+05	-1.708E+04	-1.134E+04	0.000E+00	-7.832E+04	1.725E+05	-3.948E-09	4.960E-09
9	5	515.00	13	-2.016E+05	-1.708E+04	1.134E+04	0.000E+00	7.832E+04	1.725E+05	-3.948E-09	-4.960E-09
9	5	515.00	14	-2.016E+05	-1.708E+04	1.111E+04	0.000E+00	7.662E+04	1.725E+05	-3.948E-09	-4.696E-09
9	5	515.00	15	-2.016E+05	-1.708E+04	-1.110E+04	0.000E+00	-7.720E+04	1.725E+05	-3.948E-09	4.696E-09
9	5	515.00	16	-2.016E+05	-1.708E+04	-1.134E+04	0.000E+00	-7.890E+04	1.725E+05	-3.948E-09	4.959E-09
10	1	0.00	1	-2.153E+05	1.615E+04	1.049E+04	0.000E+00	5.476E+06	-8.403E+06	0.000E+00	0.000E+00
10	1	0.00	2	-2.153E+05	1.615E+04	1.002E+04	0.000E+00	5.226E+06	-8.403E+06	0.000E+00	0.000E+00
10	1	0.00	3	-2.153E+05	1.615E+04	-1.002E+04	0.000E+00	-5.227E+06	-8.403E+06	0.000E+00	0.000E+00
10	1	0.00	4	-2.153E+05	1.615E+04	-1.050E+04	0.000E+00	-5.477E+06	-8.403E+06	0.000E+00	0.000E+00
10	1	0.00	5	-2.153E+05	1.615E+04	1.050E+04	0.000E+00	5.477E+06	-8.403E+06	0.000E+00	0.000E+00
10	1	0.00	6	-2.153E+05	1.615E+04	1.002E+04	0.000E+00	5.227E+06	-8.403E+06	0.000E+00	0.000E+00
10	1	0.00	7	-2.153E+05	1.615E+04	-1.002E+04	0.000E+00	-5.226E+06	-8.403E+06	0.000E+00	0.000E+00
10	1	0.00	8	-2.153E+05	1.615E+04	-1.049E+04	0.000E+00	-5.476E+06	-8.403E+06	0.000E+00	0.000E+00
10	1	0.00	9	-2.152E+05	-1.640E+04	1.049E+04	0.000E+00	5.476E+06	8.531E+06	0.000E+00	0.000E+00
10	1	0.00	10	-2.152E+05	-1.640E+04	1.002E+04	0.000E+00	5.226E+06	8.531E+06	0.000E+00	0.000E+00
10	1	0.00	11	-2.152E+05	-1.640E+04	-1.002E+04	0.000E+00	-5.227E+06	8.531E+06	0.000E+00	0.000E+00
10	1	0.00	12	-2.152E+05	-1.640E+04	-1.050E+04	0.000E+00	-5.477E+06	8.531E+06	0.000E+00	0.000E+00
10	1	0.00	13	-2.152E+05	-1.640E+04	1.050E+04	0.000E+00	5.477E+06	8.531E+06	0.000E+00	0.000E+00
10	1	0.00	14	-2.152E+05	-1.640E+04	1.002E+04	0.000E+00	5.227E+06	8.531E+06	0.000E+00	0.000E+00
10	1	0.00	15	-2.152E+05	-1.640E+04	-1.002E+04	0.000E+00	-5.226E+06	8.531E+06	0.000E+00	0.000E+00
10	1	0.00	16	-2.152E+05	-1.640E+04	-1.049E+04	0.000E+00	-5.476E+06	8.531E+06	0.000E+00	0.000E+00
10	2	128.75	1	-2.116E+05	1.615E+04	1.049E+04	0.000E+00	4.124E+06	-6.324E+06	5.482E-02	3.580E-02
10	2	128.75	2	-2.116E+05	1.615E+04	1.002E+04	0.000E+00	3.937E+06	-6.324E+06	5.482E-02	3.417E-02
10	2	128.75	3	-2.116E+05	1.615E+04	-1.002E+04	0.000E+00	-3.937E+06	-6.324E+06	5.482E-02	-3.417E-02

10	2	128.75	4	-2.116E+05	1.615E+04	-1.050E+04	0.000E+00	-4.125E+06	-6.324E+06	5.482E-02	-3.580E-02
10	2	128.75	5	-2.116E+05	1.615E+04	1.050E+04	0.000E+00	4.125E+06	-6.324E+06	5.482E-02	3.580E-02
10	2	128.75	6	-2.116E+05	1.615E+04	1.002E+04	0.000E+00	3.937E+06	-6.324E+06	5.482E-02	3.417E-02
10	2	128.75	7	-2.116E+05	1.615E+04	-1.002E+04	0.000E+00	-3.937E+06	-6.324E+06	5.482E-02	-3.417E-02
10	2	128.75	8	-2.116E+05	1.615E+04	-1.049E+04	0.000E+00	-4.124E+06	-6.324E+06	5.482E-02	-3.580E-02
10	2	128.75	9	-2.116E+05	-1.640E+04	1.049E+04	0.000E+00	4.124E+06	6.420E+06	-5.566E-02	3.580E-02
10	2	128.75	10	-2.116E+05	-1.640E+04	1.002E+04	0.000E+00	3.937E+06	6.420E+06	-5.566E-02	3.417E-02
10	2	128.75	11	-2.116E+05	-1.640E+04	-1.002E+04	0.000E+00	-3.937E+06	6.420E+06	-5.566E-02	-3.417E-02
10	2	128.75	12	-2.116E+05	-1.640E+04	-1.050E+04	0.000E+00	-4.125E+06	6.420E+06	-5.566E-02	-3.580E-02
10	2	128.75	13	-2.116E+05	-1.640E+04	1.050E+04	0.000E+00	4.125E+06	6.420E+06	-5.566E-02	3.580E-02
10	2	128.75	14	-2.116E+05	-1.640E+04	1.002E+04	0.000E+00	3.937E+06	6.420E+06	-5.566E-02	3.417E-02
10	2	128.75	15	-2.116E+05	-1.640E+04	-1.002E+04	0.000E+00	-3.937E+06	6.420E+06	-5.566E-02	-3.417E-02
10	2	128.75	16	-2.116E+05	-1.640E+04	-1.049E+04	0.000E+00	-4.124E+06	6.420E+06	-5.566E-02	-3.580E-02
10	3	257.50	1	-2.080E+05	1.615E+04	1.049E+04	0.000E+00	2.773E+06	-4.244E+06	6.283E-02	4.106E-02
10	3	257.50	2	-2.080E+05	1.615E+04	1.002E+04	0.000E+00	2.647E+06	-4.244E+06	6.283E-02	3.919E-02
10	3	257.50	3	-2.080E+05	1.615E+04	-1.002E+04	0.000E+00	-2.647E+06	-4.244E+06	6.283E-02	-3.919E-02
10	3	257.50	4	-2.080E+05	1.615E+04	-1.050E+04	0.000E+00	-2.774E+06	-4.244E+06	6.283E-02	-4.106E-02
10	3	257.50	5	-2.080E+05	1.615E+04	1.050E+04	0.000E+00	2.774E+06	-4.244E+06	6.283E-02	4.106E-02
10	3	257.50	6	-2.080E+05	1.615E+04	1.002E+04	0.000E+00	2.647E+06	-4.244E+06	6.283E-02	3.919E-02
10	3	257.50	7	-2.080E+05	1.615E+04	-1.002E+04	0.000E+00	-2.647E+06	-4.244E+06	6.283E-02	-3.919E-02
10	3	257.50	8	-2.080E+05	1.615E+04	-1.049E+04	0.000E+00	-2.773E+06	-4.244E+06	6.283E-02	-4.106E-02
10	3	257.50	9	-2.079E+05	-1.640E+04	1.049E+04	0.000E+00	2.773E+06	4.309E+06	-6.379E-02	4.106E-02
10	3	257.50	10	-2.079E+05	-1.640E+04	1.002E+04	0.000E+00	2.647E+06	4.309E+06	-6.379E-02	3.919E-02
10	3	257.50	11	-2.079E+05	-1.640E+04	-1.002E+04	0.000E+00	-2.647E+06	4.309E+06	-6.379E-02	-3.919E-02
10	3	257.50	12	-2.079E+05	-1.640E+04	-1.050E+04	0.000E+00	-2.774E+06	4.309E+06	-6.379E-02	-4.106E-02
10	3	257.50	13	-2.079E+05	-1.640E+04	1.050E+04	0.000E+00	2.774E+06	4.309E+06	-6.379E-02	4.106E-02
10	3	257.50	14	-2.079E+05	-1.640E+04	1.002E+04	0.000E+00	2.647E+06	4.309E+06	-6.379E-02	3.919E-02
10	3	257.50	15	-2.079E+05	-1.640E+04	-1.002E+04	0.000E+00	-2.647E+06	4.309E+06	-6.379E-02	-3.919E-02
10	3	257.50	16	-2.079E+05	-1.640E+04	-1.049E+04	0.000E+00	-2.773E+06	4.309E+06	-6.379E-02	-4.106E-02
10	4	386.25	1	-2.043E+05	1.615E+04	1.049E+04	0.000E+00	1.422E+06	-2.164E+06	3.943E-02	2.580E-02
10	4	386.25	2	-2.043E+05	1.615E+04	1.002E+04	0.000E+00	1.358E+06	-2.164E+06	3.943E-02	2.462E-02
10	4	386.25	3	-2.043E+05	1.615E+04	-1.002E+04	0.000E+00	-1.357E+06	-2.164E+06	3.943E-02	-2.462E-02
10	4	386.25	4	-2.043E+05	1.615E+04	-1.050E+04	0.000E+00	-1.422E+06	-2.164E+06	3.943E-02	-2.580E-02
10	4	386.25	5	-2.043E+05	1.615E+04	1.050E+04	0.000E+00	1.422E+06	-2.164E+06	3.943E-02	2.580E-02
10	4	386.25	6	-2.043E+05	1.615E+04	1.002E+04	0.000E+00	1.357E+06	-2.164E+06	3.943E-02	2.462E-02
10	4	386.25	7	-2.043E+05	1.615E+04	-1.002E+04	0.000E+00	-1.358E+06	-2.164E+06	3.943E-02	-2.462E-02
10	4	386.25	8	-2.043E+05	1.615E+04	-1.049E+04	0.000E+00	-1.422E+06	-2.164E+06	3.943E-02	-2.580E-02
10	4	386.25	9	-2.043E+05	-1.640E+04	1.049E+04	0.000E+00	1.422E+06	2.198E+06	-4.003E-02	2.580E-02
10	4	386.25	10	-2.043E+05	-1.640E+04	1.002E+04	0.000E+00	1.358E+06	2.198E+06	-4.003E-02	2.462E-02
10	4	386.25	11	-2.043E+05	-1.640E+04	-1.002E+04	0.000E+00	-1.357E+06	2.198E+06	-4.003E-02	-2.462E-02
10	4	386.25	12	-2.043E+05	-1.640E+04	-1.050E+04	0.000E+00	-1.422E+06	2.198E+06	-4.003E-02	-2.580E-02
10	4	386.25	13	-2.043E+05	-1.640E+04	1.050E+04	0.000E+00	1.422E+06	2.198E+06	-4.003E-02	2.580E-02
10	4	386.25	14	-2.043E+05	-1.640E+04	1.002E+04	0.000E+00	1.357E+06	2.198E+06	-4.003E-02	2.462E-02
10	4	386.25	15	-2.043E+05	-1.640E+04	-1.002E+04	0.000E+00	-1.358E+06	2.198E+06	-4.003E-02	-2.462E-02
10	4	386.25	16	-2.043E+05	-1.640E+04	-1.049E+04	0.000E+00	-1.422E+06	2.198E+06	-4.003E-02	-2.580E-02
10	5	515.00	1	-2.007E+05	1.615E+04	1.049E+04	0.000E+00	7.200E+04	-8.447E+04	-8.475E-09	-2.912E-08
10	5	515.00	2	-2.007E+05	1.615E+04	1.002E+04	0.000E+00	6.875E+04	-8.447E+04	-8.475E-09	-2.918E-08
10	5	515.00	3	-2.007E+05	1.615E+04	-1.002E+04	0.000E+00	-6.816E+04	-8.447E+04	-8.475E-09	2.918E-08
10	5	515.00	4	-2.007E+05	1.615E+04	-1.050E+04	0.000E+00	-7.141E+04	-8.447E+04	-8.475E-09	2.912E-08
10	5	515.00	5	-2.007E+05	1.615E+04	1.050E+04	0.000E+00	7.141E+04	-8.447E+04	-8.475E-09	-2.912E-08
10	5	515.00	6	-2.007E+05	1.615E+04	1.002E+04	0.000E+00	6.816E+04	-8.447E+04	-8.475E-09	-2.918E-08
10	5	515.00	7	-2.007E+05	1.615E+04	-1.002E+04	0.000E+00	-6.875E+04	-8.447E+04	-8.475E-09	2.918E-08
10	5	515.00	8	-2.007E+05	1.615E+04	-1.049E+04	0.000E+00	-7.200E+04	-8.447E+04	-8.475E-09	2.912E-08
10	5	515.00	9	-2.006E+05	-1.640E+04	1.049E+04	0.000E+00	7.200E+04	8.648E+04	8.496E-09	-2.912E-08
10	5	515.00	10	-2.006E+05	-1.640E+04	1.002E+04	0.000E+00	6.875E+04	8.648E+04	8.496E-09	-2.918E-08
10	5	515.00	11	-2.006E+05	-1.640E+04	-1.002E+04	0.000E+00	-6.816E+04	8.648E+04	8.496E-09	2.918E-08
10	5	515.00	12	-2.006E+05	-1.640E+04	-1.050E+04	0.000E+00	-7.141E+04	8.648E+04	8.496E-09	2.912E-08
10	5	515.00	13	-2.006E+05	-1.640E+04	1.050E+04	0.000E+00	7.141E+04	8.648E+04	8.496E-09	-2.912E-08
10	5	515.00	14	-2.006E+05	-1.640E+04	1.002E+04	0.000E+00	6.816E+04	8.648E+04	8.496E-09	-2.918E-08
10	5	515.00	15	-2.006E+05	-1.640E+04	-1.002E+04	0.000E+00	-6.875E+04	8.648E+04	8.496E-09	2.918E-08
10	5	515.00	16	-2.006E+05	-1.640E+04	-1.049E+04	0.000E+00	-7.200E+04	8.648E+04	8.496E-09	2.912E-08
11	1	0.00	1	-2.133E+05	2.068E+04	9.515E+03	0.000E+00	4.315E+06	-9.339E+06	0.000E+00	0.000E+00

11	1	0.00	2	-2.133E+05	2.068E+04	8.750E+03	0.000E+00	3.969E+06	-9.339E+06	0.000E+00	0.000E+00
11	1	0.00	3	-2.133E+05	2.068E+04	-8.756E+03	0.000E+00	-3.971E+06	-9.339E+06	0.000E+00	0.000E+00
11	1	0.00	4	-2.133E+05	2.068E+04	-9.522E+03	0.000E+00	-4.318E+06	-9.339E+06	0.000E+00	0.000E+00
11	1	0.00	5	-2.133E+05	2.068E+04	9.522E+03	0.000E+00	4.318E+06	-9.339E+06	0.000E+00	0.000E+00
11	1	0.00	6	-2.133E+05	2.068E+04	8.756E+03	0.000E+00	3.971E+06	-9.339E+06	0.000E+00	0.000E+00
11	1	0.00	7	-2.133E+05	2.068E+04	-8.750E+03	0.000E+00	-3.969E+06	-9.339E+06	0.000E+00	0.000E+00
11	1	0.00	8	-2.133E+05	2.068E+04	-9.515E+03	0.000E+00	-4.315E+06	-9.339E+06	0.000E+00	0.000E+00
11	1	0.00	9	-2.132E+05	-2.120E+04	9.515E+03	0.000E+00	4.315E+06	9.575E+06	0.000E+00	0.000E+00
11	1	0.00	10	-2.132E+05	-2.120E+04	8.750E+03	0.000E+00	3.969E+06	9.575E+06	0.000E+00	0.000E+00
11	1	0.00	11	-2.132E+05	-2.120E+04	-8.756E+03	0.000E+00	-3.971E+06	9.575E+06	0.000E+00	0.000E+00
11	1	0.00	12	-2.132E+05	-2.120E+04	-9.522E+03	0.000E+00	-4.318E+06	9.575E+06	0.000E+00	0.000E+00
11	1	0.00	13	-2.132E+05	-2.120E+04	9.522E+03	0.000E+00	4.318E+06	9.575E+06	0.000E+00	0.000E+00
11	1	0.00	14	-2.132E+05	-2.120E+04	8.756E+03	0.000E+00	3.971E+06	9.575E+06	0.000E+00	0.000E+00
11	1	0.00	15	-2.132E+05	-2.120E+04	-8.750E+03	0.000E+00	-3.969E+06	9.575E+06	0.000E+00	0.000E+00
11	1	0.00	16	-2.132E+05	-2.120E+04	-9.515E+03	0.000E+00	-4.315E+06	9.575E+06	0.000E+00	0.000E+00
11	2	111.25	1	-2.101E+05	2.068E+04	9.515E+03	0.000E+00	3.257E+06	-7.038E+06	4.563E-02	2.115E-02
11	2	111.25	2	-2.101E+05	2.068E+04	8.750E+03	0.000E+00	2.995E+06	-7.038E+06	4.563E-02	1.945E-02
11	2	111.25	3	-2.101E+05	2.068E+04	-8.756E+03	0.000E+00	-2.997E+06	-7.038E+06	4.563E-02	-1.946E-02
11	2	111.25	4	-2.101E+05	2.068E+04	-9.522E+03	0.000E+00	-3.258E+06	-7.038E+06	4.563E-02	-2.116E-02
11	2	111.25	5	-2.101E+05	2.068E+04	9.522E+03	0.000E+00	3.258E+06	-7.038E+06	4.563E-02	2.116E-02
11	2	111.25	6	-2.101E+05	2.068E+04	8.756E+03	0.000E+00	2.997E+06	-7.038E+06	4.563E-02	1.946E-02
11	2	111.25	7	-2.101E+05	2.068E+04	-8.750E+03	0.000E+00	-2.995E+06	-7.038E+06	4.563E-02	-1.945E-02
11	2	111.25	8	-2.101E+05	2.068E+04	-9.515E+03	0.000E+00	-3.257E+06	-7.038E+06	4.563E-02	-2.115E-02
11	2	111.25	9	-2.101E+05	-2.120E+04	9.515E+03	0.000E+00	3.257E+06	7.216E+06	-4.679E-02	2.115E-02
11	2	111.25	10	-2.101E+05	-2.120E+04	8.750E+03	0.000E+00	2.995E+06	7.216E+06	-4.679E-02	1.945E-02
11	2	111.25	11	-2.101E+05	-2.120E+04	-8.756E+03	0.000E+00	-2.997E+06	7.216E+06	-4.679E-02	-1.946E-02
11	2	111.25	12	-2.101E+05	-2.120E+04	-9.522E+03	0.000E+00	-3.258E+06	7.216E+06	-4.679E-02	-2.116E-02
11	2	111.25	13	-2.101E+05	-2.120E+04	9.522E+03	0.000E+00	3.258E+06	7.216E+06	-4.679E-02	2.116E-02
11	2	111.25	14	-2.101E+05	-2.120E+04	8.756E+03	0.000E+00	2.997E+06	7.216E+06	-4.679E-02	1.946E-02
11	2	111.25	15	-2.101E+05	-2.120E+04	-8.750E+03	0.000E+00	-2.995E+06	7.216E+06	-4.679E-02	-1.945E-02
11	2	111.25	16	-2.101E+05	-2.120E+04	-9.515E+03	0.000E+00	-3.257E+06	7.216E+06	-4.679E-02	-2.115E-02
11	3	222.50	1	-2.070E+05	2.068E+04	9.515E+03	0.000E+00	2.198E+06	-4.738E+06	5.237E-02	2.430E-02
11	3	222.50	2	-2.070E+05	2.068E+04	8.750E+03	0.000E+00	2.022E+06	-4.738E+06	5.237E-02	2.235E-02
11	3	222.50	3	-2.070E+05	2.068E+04	-8.756E+03	0.000E+00	-2.023E+06	-4.738E+06	5.237E-02	-2.236E-02
11	3	222.50	4	-2.070E+05	2.068E+04	-9.522E+03	0.000E+00	-2.199E+06	-4.738E+06	5.237E-02	-2.431E-02
11	3	222.50	5	-2.070E+05	2.068E+04	9.522E+03	0.000E+00	2.199E+06	-4.738E+06	5.237E-02	2.431E-02
11	3	222.50	6	-2.070E+05	2.068E+04	8.756E+03	0.000E+00	2.023E+06	-4.738E+06	5.237E-02	2.236E-02
11	3	222.50	7	-2.070E+05	2.068E+04	-8.750E+03	0.000E+00	-2.022E+06	-4.738E+06	5.237E-02	-2.235E-02
11	3	222.50	8	-2.070E+05	2.068E+04	-9.515E+03	0.000E+00	-2.198E+06	-4.738E+06	5.237E-02	-2.430E-02
11	3	222.50	9	-2.069E+05	-2.120E+04	9.515E+03	0.000E+00	2.198E+06	4.857E+06	-5.369E-02	2.430E-02
11	3	222.50	10	-2.069E+05	-2.120E+04	8.750E+03	0.000E+00	2.022E+06	4.857E+06	-5.369E-02	2.235E-02
11	3	222.50	11	-2.069E+05	-2.120E+04	-8.756E+03	0.000E+00	-2.023E+06	4.857E+06	-5.369E-02	-2.236E-02
11	3	222.50	12	-2.069E+05	-2.120E+04	-9.522E+03	0.000E+00	-2.199E+06	4.857E+06	-5.369E-02	-2.431E-02
11	3	222.50	13	-2.069E+05	-2.120E+04	9.522E+03	0.000E+00	2.199E+06	4.857E+06	-5.369E-02	2.431E-02
11	3	222.50	14	-2.069E+05	-2.120E+04	8.756E+03	0.000E+00	2.023E+06	4.857E+06	-5.369E-02	2.236E-02
11	3	222.50	15	-2.069E+05	-2.120E+04	-8.750E+03	0.000E+00	-2.022E+06	4.857E+06	-5.369E-02	-2.235E-02
11	3	222.50	16	-2.069E+05	-2.120E+04	-9.515E+03	0.000E+00	-2.198E+06	4.857E+06	-5.369E-02	-2.430E-02
11	4	333.75	1	-2.038E+05	2.068E+04	9.515E+03	0.000E+00	1.140E+06	-2.437E+06	3.292E-02	1.530E-02
11	4	333.75	2	-2.038E+05	2.068E+04	8.750E+03	0.000E+00	1.049E+06	-2.437E+06	3.292E-02	1.407E-02
11	4	333.75	3	-2.038E+05	2.068E+04	-8.756E+03	0.000E+00	-1.049E+06	-2.437E+06	3.292E-02	-1.408E-02
11	4	333.75	4	-2.038E+05	2.068E+04	-9.522E+03	0.000E+00	-1.140E+06	-2.437E+06	3.292E-02	-1.530E-02
11	4	333.75	5	-2.038E+05	2.068E+04	9.522E+03	0.000E+00	1.140E+06	-2.437E+06	3.292E-02	1.530E-02
11	4	333.75	6	-2.038E+05	2.068E+04	8.756E+03	0.000E+00	1.049E+06	-2.437E+06	3.292E-02	1.408E-02
11	4	333.75	7	-2.038E+05	2.068E+04	-8.750E+03	0.000E+00	-1.049E+06	-2.437E+06	3.292E-02	-1.407E-02
11	4	333.75	8	-2.038E+05	2.068E+04	-9.515E+03	0.000E+00	-1.140E+06	-2.437E+06	3.292E-02	-1.530E-02
11	4	333.75	9	-2.038E+05	-2.120E+04	9.515E+03	0.000E+00	1.140E+06	2.499E+06	-3.375E-02	1.530E-02
11	4	333.75	10	-2.038E+05	-2.120E+04	8.750E+03	0.000E+00	1.049E+06	2.499E+06	-3.375E-02	1.407E-02
11	4	333.75	11	-2.038E+05	-2.120E+04	-8.756E+03	0.000E+00	-1.049E+06	2.499E+06	-3.375E-02	-1.408E-02
11	4	333.75	12	-2.038E+05	-2.120E+04	-9.522E+03	0.000E+00	-1.140E+06	2.499E+06	-3.375E-02	-1.530E-02
11	4	333.75	13	-2.038E+05	-2.120E+04	9.522E+03	0.000E+00	1.140E+06	2.499E+06	-3.375E-02	1.530E-02
11	4	333.75	14	-2.038E+05	-2.120E+04	8.756E+03	0.000E+00	1.049E+06	2.499E+06	-3.375E-02	1.408E-02
11	4	333.75	15	-2.038E+05	-2.120E+04	-8.750E+03	0.000E+00	-1.049E+06	2.499E+06	-3.375E-02	-1.407E-02

11	4	333.75	16	-2.038E+05	-2.120E+04	-9.515E+03	0.000E+00	-1.140E+06	2.499E+06	-3.375E-02	-1.530E-02
11	5	445.00	1	-2.007E+05	2.068E+04	9.515E+03	0.000E+00	8.159E+04	-1.365E+05	6.271E-10	5.678E-09
11	5	445.00	2	-2.007E+05	2.068E+04	8.750E+03	0.000E+00	7.561E+04	-1.365E+05	6.271E-10	4.532E-09
11	5	445.00	3	-2.007E+05	2.068E+04	-8.756E+03	0.000E+00	-7.507E+04	-1.365E+05	6.271E-10	-4.530E-09
11	5	445.00	4	-2.007E+05	2.068E+04	-9.522E+03	0.000E+00	-8.105E+04	-1.365E+05	6.271E-10	-5.677E-09
11	5	445.00	5	-2.007E+05	2.068E+04	9.522E+03	0.000E+00	8.105E+04	-1.365E+05	6.271E-10	5.677E-09
11	5	445.00	6	-2.007E+05	2.068E+04	8.756E+03	0.000E+00	7.507E+04	-1.365E+05	6.271E-10	4.530E-09
11	5	445.00	7	-2.007E+05	2.068E+04	-8.750E+03	0.000E+00	-7.561E+04	-1.365E+05	6.271E-10	-4.532E-09
11	5	445.00	8	-2.007E+05	2.068E+04	-9.515E+03	0.000E+00	-8.159E+04	-1.365E+05	6.271E-10	-5.678E-09
11	5	445.00	9	-2.006E+05	-2.120E+04	9.515E+03	0.000E+00	8.159E+04	1.398E+05	-4.629E-10	5.678E-09
11	5	445.00	10	-2.006E+05	-2.120E+04	8.750E+03	0.000E+00	7.561E+04	1.398E+05	-4.629E-10	4.532E-09
11	5	445.00	11	-2.006E+05	-2.120E+04	-8.756E+03	0.000E+00	-7.507E+04	1.398E+05	-4.629E-10	-4.530E-09
11	5	445.00	12	-2.006E+05	-2.120E+04	-9.522E+03	0.000E+00	-8.105E+04	1.398E+05	-4.629E-10	-5.677E-09
11	5	445.00	13	-2.006E+05	-2.120E+04	9.522E+03	0.000E+00	8.105E+04	1.398E+05	-4.629E-10	5.677E-09
11	5	445.00	14	-2.006E+05	-2.120E+04	8.756E+03	0.000E+00	7.507E+04	1.398E+05	-4.629E-10	4.530E-09
11	5	445.00	15	-2.006E+05	-2.120E+04	-8.750E+03	0.000E+00	-7.561E+04	1.398E+05	-4.629E-10	-4.532E-09
11	5	445.00	16	-2.006E+05	-2.120E+04	-9.515E+03	0.000E+00	-8.159E+04	1.398E+05	-4.629E-10	-5.678E-09
12	1	0.00	1	-2.157E+05	1.159E+04	1.210E+04	0.000E+00	6.489E+06	-6.196E+06	0.000E+00	0.000E+00
12	1	0.00	2	-2.157E+05	1.159E+04	1.113E+04	0.000E+00	5.969E+06	-6.196E+06	0.000E+00	0.000E+00
12	1	0.00	3	-2.157E+05	1.159E+04	-1.115E+04	0.000E+00	-5.974E+06	-6.196E+06	0.000E+00	0.000E+00
12	1	0.00	4	-2.157E+05	1.159E+04	-1.212E+04	0.000E+00	-6.494E+06	-6.196E+06	0.000E+00	0.000E+00
12	1	0.00	5	-2.157E+05	1.159E+04	1.212E+04	0.000E+00	6.494E+06	-6.196E+06	0.000E+00	0.000E+00
12	1	0.00	6	-2.157E+05	1.159E+04	1.115E+04	0.000E+00	5.974E+06	-6.196E+06	0.000E+00	0.000E+00
12	1	0.00	7	-2.157E+05	1.159E+04	-1.113E+04	0.000E+00	-5.969E+06	-6.196E+06	0.000E+00	0.000E+00
12	1	0.00	8	-2.157E+05	1.159E+04	-1.210E+04	0.000E+00	-6.489E+06	-6.196E+06	0.000E+00	0.000E+00
12	1	0.00	9	-2.156E+05	-1.205E+04	1.210E+04	0.000E+00	6.489E+06	6.444E+06	0.000E+00	0.000E+00
12	1	0.00	10	-2.156E+05	-1.205E+04	1.113E+04	0.000E+00	5.969E+06	6.444E+06	0.000E+00	0.000E+00
12	1	0.00	11	-2.156E+05	-1.205E+04	-1.115E+04	0.000E+00	-5.974E+06	6.444E+06	0.000E+00	0.000E+00
12	1	0.00	12	-2.156E+05	-1.205E+04	-1.212E+04	0.000E+00	-6.494E+06	6.444E+06	0.000E+00	0.000E+00
12	1	0.00	13	-2.156E+05	-1.205E+04	1.212E+04	0.000E+00	6.494E+06	6.444E+06	0.000E+00	0.000E+00
12	1	0.00	14	-2.156E+05	-1.205E+04	1.115E+04	0.000E+00	5.974E+06	6.444E+06	0.000E+00	0.000E+00
12	1	0.00	15	-2.156E+05	-1.205E+04	-1.113E+04	0.000E+00	-5.969E+06	6.444E+06	0.000E+00	0.000E+00
12	1	0.00	16	-2.156E+05	-1.205E+04	-1.210E+04	0.000E+00	-6.489E+06	6.444E+06	0.000E+00	0.000E+00
12	2	132.50	1	-2.119E+05	1.159E+04	1.210E+04	0.000E+00	4.885E+06	-4.661E+06	4.278E-02	4.488E-02
12	2	132.50	2	-2.119E+05	1.159E+04	1.113E+04	0.000E+00	4.493E+06	-4.661E+06	4.278E-02	4.127E-02
12	2	132.50	3	-2.119E+05	1.159E+04	-1.115E+04	0.000E+00	-4.497E+06	-4.661E+06	4.278E-02	-4.131E-02
12	2	132.50	4	-2.119E+05	1.159E+04	-1.212E+04	0.000E+00	-4.889E+06	-4.661E+06	4.278E-02	-4.491E-02
12	2	132.50	5	-2.119E+05	1.159E+04	1.212E+04	0.000E+00	4.889E+06	-4.661E+06	4.278E-02	4.491E-02
12	2	132.50	6	-2.119E+05	1.159E+04	1.115E+04	0.000E+00	4.497E+06	-4.661E+06	4.278E-02	4.131E-02
12	2	132.50	7	-2.119E+05	1.159E+04	-1.113E+04	0.000E+00	-4.493E+06	-4.661E+06	4.278E-02	-4.127E-02
12	2	132.50	8	-2.119E+05	1.159E+04	-1.210E+04	0.000E+00	-4.885E+06	-4.661E+06	4.278E-02	-4.488E-02
12	2	132.50	9	-2.119E+05	-1.205E+04	1.210E+04	0.000E+00	4.885E+06	4.848E+06	-4.449E-02	4.488E-02
12	2	132.50	10	-2.119E+05	-1.205E+04	1.113E+04	0.000E+00	4.493E+06	4.848E+06	-4.449E-02	4.127E-02
12	2	132.50	11	-2.119E+05	-1.205E+04	-1.115E+04	0.000E+00	-4.497E+06	4.848E+06	-4.449E-02	-4.131E-02
12	2	132.50	12	-2.119E+05	-1.205E+04	-1.212E+04	0.000E+00	-4.889E+06	4.848E+06	-4.449E-02	-4.491E-02
12	2	132.50	13	-2.119E+05	-1.205E+04	1.212E+04	0.000E+00	4.889E+06	4.848E+06	-4.449E-02	4.491E-02
12	2	132.50	14	-2.119E+05	-1.205E+04	1.115E+04	0.000E+00	4.497E+06	4.848E+06	-4.449E-02	4.131E-02
12	2	132.50	15	-2.119E+05	-1.205E+04	-1.113E+04	0.000E+00	-4.493E+06	4.848E+06	-4.449E-02	-4.127E-02
12	2	132.50	16	-2.119E+05	-1.205E+04	-1.210E+04	0.000E+00	-4.885E+06	4.848E+06	-4.449E-02	-4.488E-02
12	3	265.00	1	-2.082E+05	1.159E+04	1.210E+04	0.000E+00	3.281E+06	-3.126E+06	4.901E-02	5.145E-02
12	3	265.00	2	-2.082E+05	1.159E+04	1.113E+04	0.000E+00	3.018E+06	-3.126E+06	4.901E-02	4.732E-02
12	3	265.00	3	-2.082E+05	1.159E+04	-1.115E+04	0.000E+00	-3.020E+06	-3.126E+06	4.901E-02	-4.736E-02
12	3	265.00	4	-2.082E+05	1.159E+04	-1.212E+04	0.000E+00	-3.284E+06	-3.126E+06	4.901E-02	-5.149E-02
12	3	265.00	5	-2.082E+05	1.159E+04	1.212E+04	0.000E+00	3.284E+06	-3.126E+06	4.901E-02	5.149E-02
12	3	265.00	6	-2.082E+05	1.159E+04	1.115E+04	0.000E+00	3.020E+06	-3.126E+06	4.901E-02	4.736E-02
12	3	265.00	7	-2.082E+05	1.159E+04	-1.113E+04	0.000E+00	-3.018E+06	-3.126E+06	4.901E-02	-4.732E-02
12	3	265.00	8	-2.082E+05	1.159E+04	-1.210E+04	0.000E+00	-3.281E+06	-3.126E+06	4.901E-02	-5.145E-02
12	3	265.00	9	-2.081E+05	-1.205E+04	1.210E+04	0.000E+00	3.281E+06	3.251E+06	-5.098E-02	5.145E-02
12	3	265.00	10	-2.081E+05	-1.205E+04	1.113E+04	0.000E+00	3.018E+06	3.251E+06	-5.098E-02	4.732E-02
12	3	265.00	11	-2.081E+05	-1.205E+04	-1.115E+04	0.000E+00	-3.020E+06	3.251E+06	-5.098E-02	-4.736E-02
12	3	265.00	12	-2.081E+05	-1.205E+04	-1.212E+04	0.000E+00	-3.284E+06	3.251E+06	-5.098E-02	-5.149E-02
12	3	265.00	13	-2.081E+05	-1.205E+04	1.212E+04	0.000E+00	3.284E+06	3.251E+06	-5.098E-02	5.149E-02

12	3	265.00	14	-2.081E+05	-1.205E+04	1.115E+04	0.000E+00	3.020E+06	3.251E+06	-5.098E-02	4.736E-02
12	3	265.00	15	-2.081E+05	-1.205E+04	-1.113E+04	0.000E+00	-3.018E+06	3.251E+06	-5.098E-02	-4.732E-02
12	3	265.00	16	-2.081E+05	-1.205E+04	-1.210E+04	0.000E+00	-3.281E+06	3.251E+06	-5.098E-02	-5.145E-02
12	4	397.50	1	-2.044E+05	1.159E+04	1.210E+04	0.000E+00	1.678E+06	-1.590E+06	3.074E-02	3.230E-02
12	4	397.50	2	-2.044E+05	1.159E+04	1.113E+04	0.000E+00	1.543E+06	-1.590E+06	3.074E-02	2.971E-02
12	4	397.50	3	-2.044E+05	1.159E+04	-1.115E+04	0.000E+00	-1.544E+06	-1.590E+06	3.074E-02	-2.973E-02
12	4	397.50	4	-2.044E+05	1.159E+04	-1.212E+04	0.000E+00	-1.679E+06	-1.590E+06	3.074E-02	-3.233E-02
12	4	397.50	5	-2.044E+05	1.159E+04	1.212E+04	0.000E+00	1.679E+06	-1.590E+06	3.074E-02	3.233E-02
12	4	397.50	6	-2.044E+05	1.159E+04	1.115E+04	0.000E+00	1.544E+06	-1.590E+06	3.074E-02	2.973E-02
12	4	397.50	7	-2.044E+05	1.159E+04	-1.113E+04	0.000E+00	-1.543E+06	-1.590E+06	3.074E-02	-2.971E-02
12	4	397.50	8	-2.044E+05	1.159E+04	-1.210E+04	0.000E+00	-1.678E+06	-1.590E+06	3.074E-02	-3.230E-02
12	4	397.50	9	-2.044E+05	-1.205E+04	1.210E+04	0.000E+00	1.678E+06	1.655E+06	-3.198E-02	3.230E-02
12	4	397.50	10	-2.044E+05	-1.205E+04	1.113E+04	0.000E+00	1.543E+06	1.655E+06	-3.198E-02	2.971E-02
12	4	397.50	11	-2.044E+05	-1.205E+04	-1.115E+04	0.000E+00	-1.544E+06	1.655E+06	-3.198E-02	-2.973E-02
12	4	397.50	12	-2.044E+05	-1.205E+04	-1.212E+04	0.000E+00	-1.679E+06	1.655E+06	-3.198E-02	-3.233E-02
12	4	397.50	13	-2.044E+05	-1.205E+04	1.212E+04	0.000E+00	1.679E+06	1.655E+06	-3.198E-02	3.233E-02
12	4	397.50	14	-2.044E+05	-1.205E+04	1.115E+04	0.000E+00	1.544E+06	1.655E+06	-3.198E-02	2.973E-02
12	4	397.50	15	-2.044E+05	-1.205E+04	-1.113E+04	0.000E+00	-1.543E+06	1.655E+06	-3.198E-02	-2.971E-02
12	4	397.50	16	-2.044E+05	-1.205E+04	-1.210E+04	0.000E+00	-1.678E+06	1.655E+06	-3.198E-02	-3.230E-02
12	5	530.00	1	-2.007E+05	1.159E+04	1.210E+04	0.000E+00	7.447E+04	-5.477E+04	1.723E-09	-6.909E-09
12	5	530.00	2	-2.007E+05	1.159E+04	1.113E+04	0.000E+00	6.797E+04	-5.477E+04	1.723E-09	-5.162E-09
12	5	530.00	3	-2.007E+05	1.159E+04	-1.115E+04	0.000E+00	-6.745E+04	-5.477E+04	1.723E-09	5.178E-09
12	5	530.00	4	-2.007E+05	1.159E+04	-1.212E+04	0.000E+00	-7.395E+04	-5.477E+04	1.723E-09	6.925E-09
12	5	530.00	5	-2.007E+05	1.159E+04	1.212E+04	0.000E+00	7.395E+04	-5.477E+04	1.723E-09	-6.925E-09
12	5	530.00	6	-2.007E+05	1.159E+04	1.115E+04	0.000E+00	6.745E+04	-5.477E+04	1.723E-09	-5.178E-09
12	5	530.00	7	-2.007E+05	1.159E+04	-1.113E+04	0.000E+00	-6.797E+04	-5.477E+04	1.723E-09	5.162E-09
12	5	530.00	8	-2.007E+05	1.159E+04	-1.210E+04	0.000E+00	-7.447E+04	-5.477E+04	1.723E-09	6.909E-09
12	5	530.00	9	-2.006E+05	-1.205E+04	1.210E+04	0.000E+00	7.447E+04	5.854E+04	-1.531E-09	-6.909E-09
12	5	530.00	10	-2.006E+05	-1.205E+04	1.113E+04	0.000E+00	6.797E+04	5.854E+04	-1.531E-09	-5.162E-09
12	5	530.00	11	-2.006E+05	-1.205E+04	-1.115E+04	0.000E+00	-6.745E+04	5.854E+04	-1.531E-09	5.178E-09
12	5	530.00	12	-2.006E+05	-1.205E+04	-1.212E+04	0.000E+00	-7.395E+04	5.854E+04	-1.531E-09	6.925E-09
12	5	530.00	13	-2.006E+05	-1.205E+04	1.212E+04	0.000E+00	7.395E+04	5.854E+04	-1.531E-09	-6.925E-09
12	5	530.00	14	-2.006E+05	-1.205E+04	1.115E+04	0.000E+00	6.745E+04	5.854E+04	-1.531E-09	-5.178E-09
12	5	530.00	15	-2.006E+05	-1.205E+04	-1.113E+04	0.000E+00	-6.797E+04	5.854E+04	-1.531E-09	5.162E-09
12	5	530.00	16	-2.006E+05	-1.205E+04	-1.210E+04	0.000E+00	-7.447E+04	5.854E+04	-1.531E-09	6.909E-09
13	1	0.00	1	-2.145E+05	1.106E+04	1.121E+04	0.000E+00	5.568E+06	-5.493E+06	0.000E+00	0.000E+00
13	1	0.00	2	-2.145E+05	1.106E+04	9.962E+03	0.000E+00	4.949E+06	-5.493E+06	0.000E+00	0.000E+00
13	1	0.00	3	-2.145E+05	1.106E+04	-9.983E+03	0.000E+00	-4.959E+06	-5.493E+06	0.000E+00	0.000E+00
13	1	0.00	4	-2.145E+05	1.106E+04	-1.123E+04	0.000E+00	-5.578E+06	-5.493E+06	0.000E+00	0.000E+00
13	1	0.00	5	-2.145E+05	1.106E+04	1.123E+04	0.000E+00	5.578E+06	-5.493E+06	0.000E+00	0.000E+00
13	1	0.00	6	-2.145E+05	1.106E+04	9.983E+03	0.000E+00	4.959E+06	-5.493E+06	0.000E+00	0.000E+00
13	1	0.00	7	-2.145E+05	1.106E+04	-9.962E+03	0.000E+00	-4.949E+06	-5.493E+06	0.000E+00	0.000E+00
13	1	0.00	8	-2.145E+05	1.106E+04	-1.121E+04	0.000E+00	-5.568E+06	-5.493E+06	0.000E+00	0.000E+00
13	1	0.00	9	-2.145E+05	-1.178E+04	1.121E+04	0.000E+00	5.568E+06	5.849E+06	0.000E+00	0.000E+00
13	1	0.00	10	-2.145E+05	-1.178E+04	9.962E+03	0.000E+00	4.949E+06	5.849E+06	0.000E+00	0.000E+00
13	1	0.00	11	-2.145E+05	-1.178E+04	-9.983E+03	0.000E+00	-4.959E+06	5.849E+06	0.000E+00	0.000E+00
13	1	0.00	12	-2.145E+05	-1.178E+04	-1.123E+04	0.000E+00	-5.578E+06	5.849E+06	0.000E+00	0.000E+00
13	1	0.00	13	-2.145E+05	-1.178E+04	1.123E+04	0.000E+00	5.578E+06	5.849E+06	0.000E+00	0.000E+00
13	1	0.00	14	-2.145E+05	-1.178E+04	9.983E+03	0.000E+00	4.959E+06	5.849E+06	0.000E+00	0.000E+00
13	1	0.00	15	-2.145E+05	-1.178E+04	-9.962E+03	0.000E+00	-4.949E+06	5.849E+06	0.000E+00	0.000E+00
13	1	0.00	16	-2.145E+05	-1.178E+04	-1.121E+04	0.000E+00	-5.568E+06	5.849E+06	0.000E+00	0.000E+00
13	2	122.50	1	-2.111E+05	1.106E+04	1.121E+04	0.000E+00	4.195E+06	-4.138E+06	3.251E-02	3.297E-02
13	2	122.50	2	-2.111E+05	1.106E+04	9.962E+03	0.000E+00	3.729E+06	-4.138E+06	3.251E-02	2.931E-02
13	2	122.50	3	-2.111E+05	1.106E+04	-9.983E+03	0.000E+00	-3.736E+06	-4.138E+06	3.251E-02	-2.936E-02
13	2	122.50	4	-2.111E+05	1.106E+04	-1.123E+04	0.000E+00	-4.203E+06	-4.138E+06	3.251E-02	-3.303E-02
13	2	122.50	5	-2.111E+05	1.106E+04	1.123E+04	0.000E+00	4.203E+06	-4.138E+06	3.251E-02	3.303E-02
13	2	122.50	6	-2.111E+05	1.106E+04	9.983E+03	0.000E+00	3.736E+06	-4.138E+06	3.251E-02	2.936E-02
13	2	122.50	7	-2.111E+05	1.106E+04	-9.962E+03	0.000E+00	-3.729E+06	-4.138E+06	3.251E-02	-2.931E-02
13	2	122.50	8	-2.111E+05	1.106E+04	-1.121E+04	0.000E+00	-4.195E+06	-4.138E+06	3.251E-02	-3.297E-02
13	2	122.50	9	-2.110E+05	-1.178E+04	1.121E+04	0.000E+00	4.195E+06	4.406E+06	-3.462E-02	3.297E-02
13	2	122.50	10	-2.110E+05	-1.178E+04	9.962E+03	0.000E+00	3.729E+06	4.406E+06	-3.462E-02	2.931E-02
13	2	122.50	11	-2.110E+05	-1.178E+04	-9.983E+03	0.000E+00	-3.736E+06	4.406E+06	-3.462E-02	-2.936E-02

13	2	122.50	12	-2.110E+05	-1.178E+04	-1.123E+04	0.000E+00	-4.203E+06	4.406E+06	-3.462E-02	-3.303E-02
13	2	122.50	13	-2.110E+05	-1.178E+04	1.123E+04	0.000E+00	4.203E+06	4.406E+06	-3.462E-02	3.303E-02
13	2	122.50	14	-2.110E+05	-1.178E+04	9.983E+03	0.000E+00	3.736E+06	4.406E+06	-3.462E-02	2.936E-02
13	2	122.50	15	-2.110E+05	-1.178E+04	-9.962E+03	0.000E+00	-3.729E+06	4.406E+06	-3.462E-02	-2.931E-02
13	2	122.50	16	-2.110E+05	-1.178E+04	-1.121E+04	0.000E+00	-4.195E+06	4.406E+06	-3.462E-02	-3.297E-02
13	3	245.00	1	-2.076E+05	1.106E+04	1.121E+04	0.000E+00	2.823E+06	-2.783E+06	3.730E-02	3.783E-02
13	3	245.00	2	-2.076E+05	1.106E+04	9.962E+03	0.000E+00	2.509E+06	-2.783E+06	3.730E-02	3.362E-02
13	3	245.00	3	-2.076E+05	1.106E+04	-9.983E+03	0.000E+00	-2.513E+06	-2.783E+06	3.730E-02	-3.369E-02
13	3	245.00	4	-2.076E+05	1.106E+04	-1.123E+04	0.000E+00	-2.827E+06	-2.783E+06	3.730E-02	-3.789E-02
13	3	245.00	5	-2.076E+05	1.106E+04	1.123E+04	0.000E+00	2.827E+06	-2.783E+06	3.730E-02	3.789E-02
13	3	245.00	6	-2.076E+05	1.106E+04	9.983E+03	0.000E+00	2.513E+06	-2.783E+06	3.730E-02	3.369E-02
13	3	245.00	7	-2.076E+05	1.106E+04	-9.962E+03	0.000E+00	-2.509E+06	-2.783E+06	3.730E-02	-3.362E-02
13	3	245.00	8	-2.076E+05	1.106E+04	-1.121E+04	0.000E+00	-2.823E+06	-2.783E+06	3.730E-02	-3.783E-02
13	3	245.00	9	-2.076E+05	-1.178E+04	1.121E+04	0.000E+00	2.823E+06	2.963E+06	-3.971E-02	3.783E-02
13	3	245.00	10	-2.076E+05	-1.178E+04	9.962E+03	0.000E+00	2.509E+06	2.963E+06	-3.971E-02	3.362E-02
13	3	245.00	11	-2.076E+05	-1.178E+04	-9.983E+03	0.000E+00	-2.513E+06	2.963E+06	-3.971E-02	-3.369E-02
13	3	245.00	12	-2.076E+05	-1.178E+04	-1.123E+04	0.000E+00	-2.827E+06	2.963E+06	-3.971E-02	-3.789E-02
13	3	245.00	13	-2.076E+05	-1.178E+04	1.123E+04	0.000E+00	2.827E+06	2.963E+06	-3.971E-02	3.789E-02
13	3	245.00	14	-2.076E+05	-1.178E+04	9.983E+03	0.000E+00	2.513E+06	2.963E+06	-3.971E-02	3.369E-02
13	3	245.00	15	-2.076E+05	-1.178E+04	-9.962E+03	0.000E+00	-2.509E+06	2.963E+06	-3.971E-02	-3.362E-02
13	3	245.00	16	-2.076E+05	-1.178E+04	-1.121E+04	0.000E+00	-2.823E+06	2.963E+06	-3.971E-02	-3.783E-02
13	4	367.50	1	-2.042E+05	1.106E+04	1.121E+04	0.000E+00	1.450E+06	-1.428E+06	2.343E-02	2.377E-02
13	4	367.50	2	-2.042E+05	1.106E+04	9.962E+03	0.000E+00	1.288E+06	-1.428E+06	2.343E-02	2.113E-02
13	4	367.50	3	-2.042E+05	1.106E+04	-9.983E+03	0.000E+00	-1.290E+06	-1.428E+06	2.343E-02	-2.117E-02
13	4	367.50	4	-2.042E+05	1.106E+04	-1.123E+04	0.000E+00	-1.452E+06	-1.428E+06	2.343E-02	-2.381E-02
13	4	367.50	5	-2.042E+05	1.106E+04	1.123E+04	0.000E+00	1.452E+06	-1.428E+06	2.343E-02	2.381E-02
13	4	367.50	6	-2.042E+05	1.106E+04	9.983E+03	0.000E+00	1.290E+06	-1.428E+06	2.343E-02	2.117E-02
13	4	367.50	7	-2.042E+05	1.106E+04	-9.962E+03	0.000E+00	-1.288E+06	-1.428E+06	2.343E-02	-2.113E-02
13	4	367.50	8	-2.042E+05	1.106E+04	-1.121E+04	0.000E+00	-1.450E+06	-1.428E+06	2.343E-02	-2.377E-02
13	4	367.50	9	-2.041E+05	-1.178E+04	1.121E+04	0.000E+00	1.450E+06	1.520E+06	-2.495E-02	2.377E-02
13	4	367.50	10	-2.041E+05	-1.178E+04	9.962E+03	0.000E+00	1.288E+06	1.520E+06	-2.495E-02	2.113E-02
13	4	367.50	11	-2.041E+05	-1.178E+04	-9.983E+03	0.000E+00	-1.290E+06	1.520E+06	-2.495E-02	-2.117E-02
13	4	367.50	12	-2.041E+05	-1.178E+04	-1.123E+04	0.000E+00	-1.452E+06	1.520E+06	-2.495E-02	-2.381E-02
13	4	367.50	13	-2.041E+05	-1.178E+04	1.123E+04	0.000E+00	1.452E+06	1.520E+06	-2.495E-02	2.381E-02
13	4	367.50	14	-2.041E+05	-1.178E+04	9.983E+03	0.000E+00	1.290E+06	1.520E+06	-2.495E-02	2.117E-02
13	4	367.50	15	-2.041E+05	-1.178E+04	-9.962E+03	0.000E+00	-1.288E+06	1.520E+06	-2.495E-02	-2.113E-02
13	4	367.50	16	-2.041E+05	-1.178E+04	-1.121E+04	0.000E+00	-1.450E+06	1.520E+06	-2.495E-02	-2.377E-02
13	5	490.00	1	-2.007E+05	1.106E+04	1.121E+04	0.000E+00	7.782E+04	-7.270E+04	-2.664E-09	-2.134E-09
13	5	490.00	2	-2.007E+05	1.106E+04	9.962E+03	0.000E+00	6.893E+04	-7.270E+04	-2.664E-09	-2.549E-09
13	5	490.00	3	-2.007E+05	1.106E+04	-9.983E+03	0.000E+00	-6.851E+04	-7.270E+04	-2.664E-09	2.576E-09
13	5	490.00	4	-2.007E+05	1.106E+04	-1.123E+04	0.000E+00	-7.741E+04	-7.270E+04	-2.664E-09	2.161E-09
13	5	490.00	5	-2.007E+05	1.106E+04	1.123E+04	0.000E+00	7.741E+04	-7.270E+04	-2.664E-09	-2.161E-09
13	5	490.00	6	-2.007E+05	1.106E+04	9.983E+03	0.000E+00	6.851E+04	-7.270E+04	-2.664E-09	-2.576E-09
13	5	490.00	7	-2.007E+05	1.106E+04	-9.962E+03	0.000E+00	-6.893E+04	-7.270E+04	-2.664E-09	2.549E-09
13	5	490.00	8	-2.007E+05	1.106E+04	-1.121E+04	0.000E+00	-7.782E+04	-7.270E+04	-2.664E-09	2.134E-09
13	5	490.00	9	-2.006E+05	-1.178E+04	1.121E+04	0.000E+00	7.782E+04	7.749E+04	2.178E-09	-2.134E-09
13	5	490.00	10	-2.006E+05	-1.178E+04	9.962E+03	0.000E+00	6.893E+04	7.749E+04	2.178E-09	-2.549E-09
13	5	490.00	11	-2.006E+05	-1.178E+04	-9.983E+03	0.000E+00	-6.851E+04	7.749E+04	2.178E-09	2.576E-09
13	5	490.00	12	-2.006E+05	-1.178E+04	-1.123E+04	0.000E+00	-7.741E+04	7.749E+04	2.178E-09	2.161E-09
13	5	490.00	13	-2.006E+05	-1.178E+04	1.123E+04	0.000E+00	7.741E+04	7.749E+04	2.178E-09	-2.161E-09
13	5	490.00	14	-2.006E+05	-1.178E+04	9.983E+03	0.000E+00	6.851E+04	7.749E+04	2.178E-09	-2.576E-09
13	5	490.00	15	-2.006E+05	-1.178E+04	-9.962E+03	0.000E+00	-6.893E+04	7.749E+04	2.178E-09	2.549E-09
13	5	490.00	16	-2.006E+05	-1.178E+04	-1.121E+04	0.000E+00	-7.782E+04	7.749E+04	2.178E-09	2.134E-09
14	1	0.00	1	-2.137E+05	9.018E+03	9.787E+03	0.000E+00	4.565E+06	-4.196E+06	0.000E+00	0.000E+00
14	1	0.00	2	-2.137E+05	9.018E+03	8.316E+03	0.000E+00	3.878E+06	-4.196E+06	0.000E+00	0.000E+00
14	1	0.00	3	-2.137E+05	9.018E+03	-8.355E+03	0.000E+00	-3.896E+06	-4.196E+06	0.000E+00	0.000E+00
14	1	0.00	4	-2.137E+05	9.018E+03	-9.826E+03	0.000E+00	-4.582E+06	-4.196E+06	0.000E+00	0.000E+00
14	1	0.00	5	-2.137E+05	9.018E+03	9.826E+03	0.000E+00	4.582E+06	-4.196E+06	0.000E+00	0.000E+00
14	1	0.00	6	-2.137E+05	9.018E+03	8.355E+03	0.000E+00	3.896E+06	-4.196E+06	0.000E+00	0.000E+00
14	1	0.00	7	-2.137E+05	9.018E+03	-8.316E+03	0.000E+00	-3.878E+06	-4.196E+06	0.000E+00	0.000E+00
14	1	0.00	8	-2.137E+05	9.018E+03	-9.787E+03	0.000E+00	-4.565E+06	-4.196E+06	0.000E+00	0.000E+00
14	1	0.00	9	-2.137E+05	-1.005E+04	9.787E+03	0.000E+00	4.565E+06	4.679E+06	0.000E+00	0.000E+00

14	1	0.00	10	-2.137E+05	-1.005E+04	8.316E+03	0.000E+00	3.878E+06	4.679E+06	0.000E+00	0.000E+00
14	1	0.00	11	-2.137E+05	-1.005E+04	-8.355E+03	0.000E+00	-3.896E+06	4.679E+06	0.000E+00	0.000E+00
14	1	0.00	12	-2.137E+05	-1.005E+04	-9.826E+03	0.000E+00	-4.582E+06	4.679E+06	0.000E+00	0.000E+00
14	1	0.00	13	-2.137E+05	-1.005E+04	9.826E+03	0.000E+00	4.582E+06	4.679E+06	0.000E+00	0.000E+00
14	1	0.00	14	-2.137E+05	-1.005E+04	8.355E+03	0.000E+00	3.896E+06	4.679E+06	0.000E+00	0.000E+00
14	1	0.00	15	-2.137E+05	-1.005E+04	-8.316E+03	0.000E+00	-3.878E+06	4.679E+06	0.000E+00	0.000E+00
14	1	0.00	16	-2.137E+05	-1.005E+04	-9.787E+03	0.000E+00	-4.565E+06	4.679E+06	0.000E+00	0.000E+00
14	2	115.00	1	-2.104E+05	9.018E+03	9.787E+03	0.000E+00	3.439E+06	-3.159E+06	2.186E-02	2.382E-02
14	2	115.00	2	-2.104E+05	9.018E+03	8.316E+03	0.000E+00	2.922E+06	-3.159E+06	2.186E-02	2.023E-02
14	2	115.00	3	-2.104E+05	9.018E+03	-8.355E+03	0.000E+00	-2.935E+06	-3.159E+06	2.186E-02	-2.032E-02
14	2	115.00	4	-2.104E+05	9.018E+03	-9.826E+03	0.000E+00	-3.452E+06	-3.159E+06	2.186E-02	-2.391E-02
14	2	115.00	5	-2.104E+05	9.018E+03	9.826E+03	0.000E+00	3.452E+06	-3.159E+06	2.186E-02	2.391E-02
14	2	115.00	6	-2.104E+05	9.018E+03	8.355E+03	0.000E+00	2.935E+06	-3.159E+06	2.186E-02	2.032E-02
14	2	115.00	7	-2.104E+05	9.018E+03	-8.316E+03	0.000E+00	-2.922E+06	-3.159E+06	2.186E-02	-2.023E-02
14	2	115.00	8	-2.104E+05	9.018E+03	-9.787E+03	0.000E+00	-3.439E+06	-3.159E+06	2.186E-02	-2.382E-02
14	2	115.00	9	-2.104E+05	-1.005E+04	9.787E+03	0.000E+00	3.439E+06	3.524E+06	-2.439E-02	2.382E-02
14	2	115.00	10	-2.104E+05	-1.005E+04	8.316E+03	0.000E+00	2.922E+06	3.524E+06	-2.439E-02	2.023E-02
14	2	115.00	11	-2.104E+05	-1.005E+04	-8.355E+03	0.000E+00	-2.935E+06	3.524E+06	-2.439E-02	-2.032E-02
14	2	115.00	12	-2.104E+05	-1.005E+04	-9.826E+03	0.000E+00	-3.452E+06	3.524E+06	-2.439E-02	-2.391E-02
14	2	115.00	13	-2.104E+05	-1.005E+04	9.826E+03	0.000E+00	3.452E+06	3.524E+06	-2.439E-02	2.391E-02
14	2	115.00	14	-2.104E+05	-1.005E+04	8.355E+03	0.000E+00	2.935E+06	3.524E+06	-2.439E-02	2.032E-02
14	2	115.00	15	-2.104E+05	-1.005E+04	-8.316E+03	0.000E+00	-2.922E+06	3.524E+06	-2.439E-02	-2.023E-02
14	2	115.00	16	-2.104E+05	-1.005E+04	-9.787E+03	0.000E+00	-3.439E+06	3.524E+06	-2.439E-02	-2.382E-02
14	3	230.00	1	-2.072E+05	9.018E+03	9.787E+03	0.000E+00	2.314E+06	-2.122E+06	2.506E-02	2.733E-02
14	3	230.00	2	-2.072E+05	9.018E+03	8.316E+03	0.000E+00	1.965E+06	-2.122E+06	2.506E-02	2.321E-02
14	3	230.00	3	-2.072E+05	9.018E+03	-8.355E+03	0.000E+00	-1.974E+06	-2.122E+06	2.506E-02	-2.332E-02
14	3	230.00	4	-2.072E+05	9.018E+03	-9.826E+03	0.000E+00	-2.322E+06	-2.122E+06	2.506E-02	-2.743E-02
14	3	230.00	5	-2.072E+05	9.018E+03	9.826E+03	0.000E+00	2.322E+06	-2.122E+06	2.506E-02	2.743E-02
14	3	230.00	6	-2.072E+05	9.018E+03	8.355E+03	0.000E+00	1.974E+06	-2.122E+06	2.506E-02	2.332E-02
14	3	230.00	7	-2.072E+05	9.018E+03	-8.316E+03	0.000E+00	-1.965E+06	-2.122E+06	2.506E-02	-2.321E-02
14	3	230.00	8	-2.072E+05	9.018E+03	-9.787E+03	0.000E+00	-2.314E+06	-2.122E+06	2.506E-02	-2.733E-02
14	3	230.00	9	-2.072E+05	-1.005E+04	9.787E+03	0.000E+00	2.314E+06	2.368E+06	-2.797E-02	2.733E-02
14	3	230.00	10	-2.072E+05	-1.005E+04	8.316E+03	0.000E+00	1.965E+06	2.368E+06	-2.797E-02	2.321E-02
14	3	230.00	11	-2.072E+05	-1.005E+04	-8.355E+03	0.000E+00	-1.974E+06	2.368E+06	-2.797E-02	-2.332E-02
14	3	230.00	12	-2.072E+05	-1.005E+04	-9.826E+03	0.000E+00	-2.322E+06	2.368E+06	-2.797E-02	-2.743E-02
14	3	230.00	13	-2.072E+05	-1.005E+04	9.826E+03	0.000E+00	2.322E+06	2.368E+06	-2.797E-02	2.743E-02
14	3	230.00	14	-2.072E+05	-1.005E+04	8.355E+03	0.000E+00	1.974E+06	2.368E+06	-2.797E-02	2.332E-02
14	3	230.00	15	-2.072E+05	-1.005E+04	-8.316E+03	0.000E+00	-1.965E+06	2.368E+06	-2.797E-02	-2.321E-02
14	3	230.00	16	-2.072E+05	-1.005E+04	-9.787E+03	0.000E+00	-2.314E+06	2.368E+06	-2.797E-02	-2.733E-02
14	4	345.00	1	-2.039E+05	9.018E+03	9.787E+03	0.000E+00	1.188E+06	-1.085E+06	1.573E-02	1.717E-02
14	4	345.00	2	-2.039E+05	9.018E+03	8.316E+03	0.000E+00	1.009E+06	-1.085E+06	1.573E-02	1.459E-02
14	4	345.00	3	-2.039E+05	9.018E+03	-8.355E+03	0.000E+00	-1.013E+06	-1.085E+06	1.573E-02	-1.465E-02
14	4	345.00	4	-2.039E+05	9.018E+03	-9.826E+03	0.000E+00	-1.192E+06	-1.085E+06	1.573E-02	-1.724E-02
14	4	345.00	5	-2.039E+05	9.018E+03	9.826E+03	0.000E+00	1.192E+06	-1.085E+06	1.573E-02	1.724E-02
14	4	345.00	6	-2.039E+05	9.018E+03	8.355E+03	0.000E+00	1.013E+06	-1.085E+06	1.573E-02	1.465E-02
14	4	345.00	7	-2.039E+05	9.018E+03	-8.316E+03	0.000E+00	-1.009E+06	-1.085E+06	1.573E-02	-1.459E-02
14	4	345.00	8	-2.039E+05	9.018E+03	-9.787E+03	0.000E+00	-1.188E+06	-1.085E+06	1.573E-02	-1.717E-02
14	4	345.00	9	-2.039E+05	-1.005E+04	9.787E+03	0.000E+00	1.188E+06	1.212E+06	-1.756E-02	1.717E-02
14	4	345.00	10	-2.039E+05	-1.005E+04	8.316E+03	0.000E+00	1.009E+06	1.212E+06	-1.756E-02	1.459E-02
14	4	345.00	11	-2.039E+05	-1.005E+04	-8.355E+03	0.000E+00	-1.013E+06	1.212E+06	-1.756E-02	-1.465E-02
14	4	345.00	12	-2.039E+05	-1.005E+04	-9.826E+03	0.000E+00	-1.192E+06	1.212E+06	-1.756E-02	-1.724E-02
14	4	345.00	13	-2.039E+05	-1.005E+04	9.826E+03	0.000E+00	1.192E+06	1.212E+06	-1.756E-02	1.724E-02
14	4	345.00	14	-2.039E+05	-1.005E+04	8.355E+03	0.000E+00	1.013E+06	1.212E+06	-1.756E-02	1.465E-02
14	4	345.00	15	-2.039E+05	-1.005E+04	-8.316E+03	0.000E+00	-1.009E+06	1.212E+06	-1.756E-02	-1.459E-02
14	4	345.00	16	-2.039E+05	-1.005E+04	-9.787E+03	0.000E+00	-1.188E+06	1.212E+06	-1.756E-02	-1.717E-02
14	5	460.00	1	-2.007E+05	9.018E+03	9.787E+03	0.000E+00	6.376E+04	-4.774E+04	2.518E-10	-6.236E-09
14	5	460.00	2	-2.007E+05	9.018E+03	8.316E+03	0.000E+00	5.370E+04	-4.774E+04	2.518E-10	-5.278E-09
14	5	460.00	3	-2.007E+05	9.018E+03	-8.355E+03	0.000E+00	-5.339E+04	-4.774E+04	2.518E-10	5.266E-09
14	5	460.00	4	-2.007E+05	9.018E+03	-9.826E+03	0.000E+00	-6.345E+04	-4.774E+04	2.518E-10	6.224E-09
14	5	460.00	5	-2.007E+05	9.018E+03	9.826E+03	0.000E+00	6.345E+04	-4.774E+04	2.518E-10	-6.224E-09
14	5	460.00	6	-2.007E+05	9.018E+03	8.355E+03	0.000E+00	5.339E+04	-4.774E+04	2.518E-10	-5.266E-09
14	5	460.00	7	-2.007E+05	9.018E+03	-8.316E+03	0.000E+00	-5.370E+04	-4.774E+04	2.518E-10	5.278E-09

14	5	460.00	8	-2.007E+05	9.018E+03	-9.787E+03	0.000E+00	-6.376E+04	-4.774E+04	2.518E-10	6.236E-09
14	5	460.00	9	-2.007E+05	-1.005E+04	9.787E+03	0.000E+00	6.376E+04	5.614E+04	-4.284E-10	-6.236E-09
14	5	460.00	10	-2.007E+05	-1.005E+04	8.316E+03	0.000E+00	5.370E+04	5.614E+04	-4.284E-10	-5.278E-09
14	5	460.00	11	-2.007E+05	-1.005E+04	-8.355E+03	0.000E+00	-5.339E+04	5.614E+04	-4.284E-10	5.266E-09
14	5	460.00	12	-2.007E+05	-1.005E+04	-9.826E+03	0.000E+00	-6.345E+04	5.614E+04	-4.284E-10	6.224E-09
14	5	460.00	13	-2.007E+05	-1.005E+04	9.826E+03	0.000E+00	6.345E+04	5.614E+04	-4.284E-10	-6.224E-09
14	5	460.00	14	-2.007E+05	-1.005E+04	8.355E+03	0.000E+00	5.339E+04	5.614E+04	-4.284E-10	-5.266E-09
14	5	460.00	15	-2.007E+05	-1.005E+04	-8.316E+03	0.000E+00	-5.370E+04	5.614E+04	-4.284E-10	5.278E-09
14	5	460.00	16	-2.007E+05	-1.005E+04	-9.787E+03	0.000E+00	-6.376E+04	5.614E+04	-4.284E-10	6.236E-09
15	1	0.00	1	-2.109E+05	8.471E+03	8.154E+03	0.000E+00	2.992E+06	-3.120E+06	0.000E+00	0.000E+00
15	1	0.00	2	-2.109E+05	8.471E+03	6.442E+03	0.000E+00	2.364E+06	-3.120E+06	0.000E+00	0.000E+00
15	1	0.00	3	-2.109E+05	8.471E+03	-6.515E+03	0.000E+00	-2.391E+06	-3.120E+06	0.000E+00	0.000E+00
15	1	0.00	4	-2.109E+05	8.471E+03	-8.228E+03	0.000E+00	-3.018E+06	-3.120E+06	0.000E+00	0.000E+00
15	1	0.00	5	-2.109E+05	8.471E+03	8.228E+03	0.000E+00	3.018E+06	-3.120E+06	0.000E+00	0.000E+00
15	1	0.00	6	-2.109E+05	8.471E+03	6.515E+03	0.000E+00	2.391E+06	-3.120E+06	0.000E+00	0.000E+00
15	1	0.00	7	-2.109E+05	8.471E+03	-6.442E+03	0.000E+00	-2.364E+06	-3.120E+06	0.000E+00	0.000E+00
15	1	0.00	8	-2.109E+05	8.471E+03	-8.154E+03	0.000E+00	-2.992E+06	-3.120E+06	0.000E+00	0.000E+00
15	1	0.00	9	-2.108E+05	-1.073E+04	8.154E+03	0.000E+00	2.992E+06	3.951E+06	0.000E+00	0.000E+00
15	1	0.00	10	-2.108E+05	-1.073E+04	6.442E+03	0.000E+00	2.364E+06	3.951E+06	0.000E+00	0.000E+00
15	1	0.00	11	-2.108E+05	-1.073E+04	-6.515E+03	0.000E+00	-2.391E+06	3.951E+06	0.000E+00	0.000E+00
15	1	0.00	12	-2.108E+05	-1.073E+04	-8.228E+03	0.000E+00	-3.018E+06	3.951E+06	0.000E+00	0.000E+00
15	1	0.00	13	-2.108E+05	-1.073E+04	8.228E+03	0.000E+00	3.018E+06	3.951E+06	0.000E+00	0.000E+00
15	1	0.00	14	-2.108E+05	-1.073E+04	6.515E+03	0.000E+00	2.391E+06	3.951E+06	0.000E+00	0.000E+00
15	1	0.00	15	-2.108E+05	-1.073E+04	-6.442E+03	0.000E+00	-2.364E+06	3.951E+06	0.000E+00	0.000E+00
15	1	0.00	16	-2.108E+05	-1.073E+04	-8.154E+03	0.000E+00	-2.992E+06	3.951E+06	0.000E+00	0.000E+00
15	2	90.00	1	-2.083E+05	8.471E+03	8.154E+03	0.000E+00	2.258E+06	-2.357E+06	1.003E-02	9.597E-03
15	2	90.00	2	-2.083E+05	8.471E+03	6.442E+03	0.000E+00	1.784E+06	-2.357E+06	1.003E-02	7.584E-03
15	2	90.00	3	-2.083E+05	8.471E+03	-6.515E+03	0.000E+00	-1.804E+06	-2.357E+06	1.003E-02	-7.668E-03
15	2	90.00	4	-2.083E+05	8.471E+03	-8.228E+03	0.000E+00	-2.278E+06	-2.357E+06	1.003E-02	-9.681E-03
15	2	90.00	5	-2.083E+05	8.471E+03	8.228E+03	0.000E+00	2.278E+06	-2.357E+06	1.003E-02	9.681E-03
15	2	90.00	6	-2.083E+05	8.471E+03	6.515E+03	0.000E+00	1.804E+06	-2.357E+06	1.003E-02	7.668E-03
15	2	90.00	7	-2.083E+05	8.471E+03	-6.442E+03	0.000E+00	-1.784E+06	-2.357E+06	1.003E-02	-7.584E-03
15	2	90.00	8	-2.083E+05	8.471E+03	-8.154E+03	0.000E+00	-2.258E+06	-2.357E+06	1.003E-02	-9.597E-03
15	2	90.00	9	-2.083E+05	-1.073E+04	8.154E+03	0.000E+00	2.258E+06	2.985E+06	-1.270E-02	9.597E-03
15	2	90.00	10	-2.083E+05	-1.073E+04	6.442E+03	0.000E+00	1.784E+06	2.985E+06	-1.270E-02	7.584E-03
15	2	90.00	11	-2.083E+05	-1.073E+04	-6.515E+03	0.000E+00	-1.804E+06	2.985E+06	-1.270E-02	-7.668E-03
15	2	90.00	12	-2.083E+05	-1.073E+04	-8.228E+03	0.000E+00	-2.278E+06	2.985E+06	-1.270E-02	-9.681E-03
15	2	90.00	13	-2.083E+05	-1.073E+04	8.228E+03	0.000E+00	2.278E+06	2.985E+06	-1.270E-02	9.681E-03
15	2	90.00	14	-2.083E+05	-1.073E+04	6.515E+03	0.000E+00	1.804E+06	2.985E+06	-1.270E-02	7.668E-03
15	2	90.00	15	-2.083E+05	-1.073E+04	-6.442E+03	0.000E+00	-1.784E+06	2.985E+06	-1.270E-02	-7.584E-03
15	2	90.00	16	-2.083E+05	-1.073E+04	-8.154E+03	0.000E+00	-2.258E+06	2.985E+06	-1.270E-02	-9.597E-03
15	3	180.00	1	-2.058E+05	8.471E+03	8.154E+03	0.000E+00	1.524E+06	-1.595E+06	1.154E-02	1.103E-02
15	3	180.00	2	-2.058E+05	8.471E+03	6.442E+03	0.000E+00	1.205E+06	-1.595E+06	1.154E-02	8.714E-03
15	3	180.00	3	-2.058E+05	8.471E+03	-6.515E+03	0.000E+00	-1.218E+06	-1.595E+06	1.154E-02	-8.810E-03
15	3	180.00	4	-2.058E+05	8.471E+03	-8.228E+03	0.000E+00	-1.537E+06	-1.595E+06	1.154E-02	-1.112E-02
15	3	180.00	5	-2.058E+05	8.471E+03	8.228E+03	0.000E+00	1.537E+06	-1.595E+06	1.154E-02	1.112E-02
15	3	180.00	6	-2.058E+05	8.471E+03	6.515E+03	0.000E+00	1.218E+06	-1.595E+06	1.154E-02	8.810E-03
15	3	180.00	7	-2.058E+05	8.471E+03	-6.442E+03	0.000E+00	-1.205E+06	-1.595E+06	1.154E-02	-8.714E-03
15	3	180.00	8	-2.058E+05	8.471E+03	-8.154E+03	0.000E+00	-1.524E+06	-1.595E+06	1.154E-02	-1.103E-02
15	3	180.00	9	-2.058E+05	-1.073E+04	8.154E+03	0.000E+00	1.524E+06	2.019E+06	-1.460E-02	1.103E-02
15	3	180.00	10	-2.058E+05	-1.073E+04	6.442E+03	0.000E+00	1.205E+06	2.019E+06	-1.460E-02	8.714E-03
15	3	180.00	11	-2.058E+05	-1.073E+04	-6.515E+03	0.000E+00	-1.218E+06	2.019E+06	-1.460E-02	-8.810E-03
15	3	180.00	12	-2.058E+05	-1.073E+04	-8.228E+03	0.000E+00	-1.537E+06	2.019E+06	-1.460E-02	-1.112E-02
15	3	180.00	13	-2.058E+05	-1.073E+04	8.228E+03	0.000E+00	1.537E+06	2.019E+06	-1.460E-02	1.112E-02
15	3	180.00	14	-2.058E+05	-1.073E+04	6.515E+03	0.000E+00	1.218E+06	2.019E+06	-1.460E-02	8.810E-03
15	3	180.00	15	-2.058E+05	-1.073E+04	-6.442E+03	0.000E+00	-1.205E+06	2.019E+06	-1.460E-02	-8.714E-03
15	3	180.00	16	-2.058E+05	-1.073E+04	-8.154E+03	0.000E+00	-1.524E+06	2.019E+06	-1.460E-02	-1.103E-02
15	4	270.00	1	-2.032E+05	8.471E+03	8.154E+03	0.000E+00	7.904E+05	-8.323E+05	7.274E-03	6.943E-03
15	4	270.00	2	-2.032E+05	8.471E+03	6.442E+03	0.000E+00	6.248E+05	-8.323E+05	7.274E-03	5.487E-03
15	4	270.00	3	-2.032E+05	8.471E+03	-6.515E+03	0.000E+00	-6.314E+05	-8.323E+05	7.274E-03	-5.547E-03
15	4	270.00	4	-2.032E+05	8.471E+03	-8.228E+03	0.000E+00	-7.970E+05	-8.323E+05	7.274E-03	-7.003E-03
15	4	270.00	5	-2.032E+05	8.471E+03	8.228E+03	0.000E+00	7.970E+05	-8.323E+05	7.274E-03	7.003E-03

15	4	270.00	6	-2.032E+05	8.471E+03	6.515E+03	0.000E+00	6.314E+05	-8.323E+05	7.274E-03	5.547E-03
15	4	270.00	7	-2.032E+05	8.471E+03	-6.442E+03	0.000E+00	-6.248E+05	-8.323E+05	7.274E-03	-5.487E-03
15	4	270.00	8	-2.032E+05	8.471E+03	-8.154E+03	0.000E+00	-7.904E+05	-8.323E+05	7.274E-03	-6.943E-03
15	4	270.00	9	-2.032E+05	-1.073E+04	8.154E+03	0.000E+00	7.904E+05	1.053E+06	-9.206E-03	6.943E-03
15	4	270.00	10	-2.032E+05	-1.073E+04	6.442E+03	0.000E+00	6.248E+05	1.053E+06	-9.206E-03	5.487E-03
15	4	270.00	11	-2.032E+05	-1.073E+04	-6.515E+03	0.000E+00	-6.314E+05	1.053E+06	-9.206E-03	-5.547E-03
15	4	270.00	12	-2.032E+05	-1.073E+04	-8.228E+03	0.000E+00	-7.970E+05	1.053E+06	-9.206E-03	-7.003E-03
15	4	270.00	13	-2.032E+05	-1.073E+04	8.228E+03	0.000E+00	7.970E+05	1.053E+06	-9.206E-03	7.003E-03
15	4	270.00	14	-2.032E+05	-1.073E+04	6.515E+03	0.000E+00	6.314E+05	1.053E+06	-9.206E-03	5.547E-03
15	4	270.00	15	-2.032E+05	-1.073E+04	-6.442E+03	0.000E+00	-6.248E+05	1.053E+06	-9.206E-03	-5.487E-03
15	4	270.00	16	-2.032E+05	-1.073E+04	-8.154E+03	0.000E+00	-7.904E+05	1.053E+06	-9.206E-03	-6.943E-03
15	5	360.00	1	-2.007E+05	8.471E+03	8.154E+03	0.000E+00	5.722E+04	-6.987E+04	-7.784E-10	-6.543E-10
15	5	360.00	2	-2.007E+05	8.471E+03	6.442E+03	0.000E+00	4.571E+04	-6.987E+04	-7.784E-10	-5.311E-10
15	5	360.00	3	-2.007E+05	8.471E+03	-6.515E+03	0.000E+00	-4.570E+04	-6.987E+04	-7.784E-10	5.209E-10
15	5	360.00	4	-2.007E+05	8.471E+03	-8.228E+03	0.000E+00	-5.721E+04	-6.987E+04	-7.784E-10	6.440E-10
15	5	360.00	5	-2.007E+05	8.471E+03	8.228E+03	0.000E+00	5.721E+04	-6.987E+04	-7.784E-10	-6.440E-10
15	5	360.00	6	-2.007E+05	8.471E+03	6.515E+03	0.000E+00	4.570E+04	-6.987E+04	-7.784E-10	-5.209E-10
15	5	360.00	7	-2.007E+05	8.471E+03	-6.442E+03	0.000E+00	-4.571E+04	-6.987E+04	-7.784E-10	5.311E-10
15	5	360.00	8	-2.007E+05	8.471E+03	-8.154E+03	0.000E+00	-5.722E+04	-6.987E+04	-7.784E-10	6.543E-10
15	5	360.00	9	-2.007E+05	-1.073E+04	8.154E+03	0.000E+00	5.722E+04	8.693E+04	6.312E-10	-6.543E-10
15	5	360.00	10	-2.007E+05	-1.073E+04	6.442E+03	0.000E+00	4.571E+04	8.693E+04	6.312E-10	-5.311E-10
15	5	360.00	11	-2.007E+05	-1.073E+04	-6.515E+03	0.000E+00	-4.570E+04	8.693E+04	6.312E-10	5.209E-10
15	5	360.00	12	-2.007E+05	-1.073E+04	-8.228E+03	0.000E+00	-5.721E+04	8.693E+04	6.312E-10	6.440E-10
15	5	360.00	13	-2.007E+05	-1.073E+04	8.228E+03	0.000E+00	5.721E+04	8.693E+04	6.312E-10	-6.440E-10
15	5	360.00	14	-2.007E+05	-1.073E+04	6.515E+03	0.000E+00	4.570E+04	8.693E+04	6.312E-10	-5.209E-10
15	5	360.00	15	-2.007E+05	-1.073E+04	-6.442E+03	0.000E+00	-4.571E+04	8.693E+04	6.312E-10	5.311E-10
15	5	360.00	16	-2.007E+05	-1.073E+04	-8.154E+03	0.000E+00	-5.722E+04	8.693E+04	6.312E-10	6.543E-10
197	1	0.00	1	-1.352E+02	-1.959E-01	-1.753E+01	-1.146E-11	-7.597E-09	4.691E-08	0.000E+00	0.000E+00
197	1	0.00	2	-1.352E+02	-1.959E-01	-1.898E+01	-1.213E-11	-7.806E-09	4.681E-08	0.000E+00	0.000E+00
197	1	0.00	3	-1.352E+02	-1.959E-01	1.898E+01	1.260E-11	7.533E-09	5.274E-08	0.000E+00	0.000E+00
197	1	0.00	4	-1.352E+02	-1.959E-01	1.753E+01	1.192E-11	7.323E-09	5.264E-08	0.000E+00	0.000E+00
197	1	0.00	5	-1.472E+02	-2.133E-01	-1.753E+01	-1.168E-11	-7.509E-09	4.692E-08	0.000E+00	0.000E+00
197	1	0.00	6	-1.472E+02	-2.133E-01	-1.898E+01	-1.235E-11	-7.719E-09	4.681E-08	0.000E+00	0.000E+00
197	1	0.00	7	-1.472E+02	-2.133E-01	1.898E+01	1.238E-11	7.620E-09	5.275E-08	0.000E+00	0.000E+00
197	1	0.00	8	-1.472E+02	-2.133E-01	1.753E+01	1.170E-11	7.410E-09	5.264E-08	0.000E+00	0.000E+00
197	1	0.00	9	1.472E+02	2.133E-01	-1.753E+01	-1.141E-11	-7.538E-09	6.181E-08	0.000E+00	0.000E+00
197	1	0.00	10	1.472E+02	2.133E-01	-1.898E+01	-1.208E-11	-7.748E-09	6.171E-08	0.000E+00	0.000E+00
197	1	0.00	11	1.472E+02	2.133E-01	1.898E+01	1.265E-11	7.591E-09	6.765E-08	0.000E+00	0.000E+00
197	1	0.00	12	1.472E+02	2.133E-01	1.753E+01	1.197E-11	7.381E-09	6.754E-08	0.000E+00	0.000E+00
197	1	0.00	13	1.352E+02	1.959E-01	-1.753E+01	-1.163E-11	-7.451E-09	6.182E-08	0.000E+00	0.000E+00
197	1	0.00	14	1.352E+02	1.959E-01	-1.898E+01	-1.231E-11	-7.661E-09	6.171E-08	0.000E+00	0.000E+00
197	1	0.00	15	1.352E+02	1.959E-01	1.898E+01	1.242E-11	7.678E-09	6.765E-08	0.000E+00	0.000E+00
197	1	0.00	16	1.352E+02	1.959E-01	1.753E+01	1.175E-11	7.469E-09	6.754E-08	0.000E+00	0.000E+00
197	2	17.25	1	-1.348E+02	-2.922E+02	-1.753E+01	-1.146E-11	3.024E+02	-2.522E+03	-9.561E-06	6.076E-08
197	2	17.25	2	-1.348E+02	-2.922E+02	-1.898E+01	-1.213E-11	3.273E+02	-2.522E+03	-9.561E-06	6.578E-08
197	2	17.25	3	-1.348E+02	-2.922E+02	1.898E+01	1.260E-11	-3.273E+02	-2.522E+03	-9.561E-06	-6.578E-08
197	2	17.25	4	-1.348E+02	-2.922E+02	1.753E+01	1.192E-11	-3.024E+02	-2.522E+03	-9.561E-06	-6.076E-08
197	2	17.25	5	-1.468E+02	-2.922E+02	-1.753E+01	-1.168E-11	3.024E+02	-2.522E+03	-9.561E-06	6.076E-08
197	2	17.25	6	-1.468E+02	-2.922E+02	-1.898E+01	-1.235E-11	3.273E+02	-2.522E+03	-9.561E-06	6.578E-08
197	2	17.25	7	-1.468E+02	-2.922E+02	1.898E+01	1.238E-11	-3.273E+02	-2.522E+03	-9.561E-06	-6.578E-08
197	2	17.25	8	-1.468E+02	-2.922E+02	1.753E+01	1.170E-11	-3.024E+02	-2.522E+03	-9.561E-06	-6.076E-08
197	2	17.25	9	1.476E+02	-2.918E+02	-1.753E+01	-1.141E-11	3.024E+02	-2.515E+03	-9.561E-06	6.076E-08
197	2	17.25	10	1.476E+02	-2.918E+02	-1.898E+01	-1.208E-11	3.273E+02	-2.515E+03	-9.561E-06	6.578E-08
197	2	17.25	11	1.476E+02	-2.918E+02	1.898E+01	1.265E-11	-3.273E+02	-2.515E+03	-9.561E-06	-6.578E-08
197	2	17.25	12	1.476E+02	-2.918E+02	1.753E+01	1.197E-11	-3.024E+02	-2.515E+03	-9.561E-06	-6.076E-08
197	2	17.25	13	1.356E+02	-2.918E+02	-1.753E+01	-1.163E-11	3.024E+02	-2.515E+03	-9.561E-06	6.076E-08
197	2	17.25	14	1.356E+02	-2.918E+02	-1.898E+01	-1.231E-11	3.273E+02	-2.515E+03	-9.561E-06	6.578E-08
197	2	17.25	15	1.356E+02	-2.918E+02	1.898E+01	1.242E-11	-3.273E+02	-2.515E+03	-9.561E-06	-6.578E-08
197	2	17.25	16	1.356E+02	-2.918E+02	1.753E+01	1.175E-11	-3.024E+02	-2.515E+03	-9.561E-06	-6.076E-08
197	3	34.50	1	-1.343E+02	-5.842E+02	-1.753E+01	-1.146E-11	6.047E+02	-1.008E+04	-1.254E-05	9.721E-08
197	3	34.50	2	-1.343E+02	-5.842E+02	-1.898E+01	-1.213E-11	6.547E+02	-1.008E+04	-1.254E-05	1.052E-07
197	3	34.50	3	-1.343E+02	-5.842E+02	1.898E+01	1.260E-11	-6.547E+02	-1.008E+04	-1.254E-05	-1.052E-07

197	3	34.50	4	-1.343E+02	-5.842E+02	1.753E+01	1.192E-11	-6.047E+02	-1.008E+04	-1.254E-05	-9.721E-08
197	3	34.50	5	-1.463E+02	-5.842E+02	-1.753E+01	-1.168E-11	6.047E+02	-1.008E+04	-1.254E-05	9.721E-08
197	3	34.50	6	-1.463E+02	-5.842E+02	-1.898E+01	-1.235E-11	6.547E+02	-1.008E+04	-1.254E-05	1.052E-07
197	3	34.50	7	-1.463E+02	-5.842E+02	1.898E+01	1.238E-11	-6.547E+02	-1.008E+04	-1.254E-05	-1.052E-07
197	3	34.50	8	-1.463E+02	-5.842E+02	1.753E+01	1.170E-11	-6.047E+02	-1.008E+04	-1.254E-05	-9.721E-08
197	3	34.50	9	1.480E+02	-5.838E+02	-1.753E+01	-1.141E-11	6.047E+02	-1.007E+04	-1.254E-05	9.721E-08
197	3	34.50	10	1.480E+02	-5.838E+02	-1.898E+01	-1.208E-11	6.547E+02	-1.007E+04	-1.254E-05	1.052E-07
197	3	34.50	11	1.480E+02	-5.838E+02	1.898E+01	1.265E-11	-6.547E+02	-1.007E+04	-1.254E-05	-1.052E-07
197	3	34.50	12	1.480E+02	-5.838E+02	1.753E+01	1.197E-11	-6.047E+02	-1.007E+04	-1.254E-05	-9.721E-08
197	3	34.50	13	1.360E+02	-5.838E+02	-1.753E+01	-1.163E-11	6.047E+02	-1.007E+04	-1.254E-05	9.721E-08
197	3	34.50	14	1.360E+02	-5.838E+02	-1.898E+01	-1.231E-11	6.547E+02	-1.007E+04	-1.254E-05	1.052E-07
197	3	34.50	15	1.360E+02	-5.838E+02	1.898E+01	1.242E-11	-6.547E+02	-1.007E+04	-1.254E-05	-1.052E-07
197	3	34.50	16	1.360E+02	-5.838E+02	1.753E+01	1.175E-11	-6.047E+02	-1.007E+04	-1.254E-05	-9.721E-08
197	4	51.75	1	-1.339E+02	-8.762E+02	-1.753E+01	-1.146E-11	9.071E+02	-2.268E+04	-9.208E-06	8.506E-08
197	4	51.75	2	-1.339E+02	-8.762E+02	-1.898E+01	-1.213E-11	9.820E+02	-2.268E+04	-9.208E-06	9.209E-08
197	4	51.75	3	-1.339E+02	-8.762E+02	1.898E+01	1.260E-11	-9.820E+02	-2.268E+04	-9.208E-06	-9.209E-08
197	4	51.75	4	-1.339E+02	-8.762E+02	1.753E+01	1.192E-11	-9.071E+02	-2.268E+04	-9.208E-06	-8.506E-08
197	4	51.75	5	-1.459E+02	-8.762E+02	-1.753E+01	-1.168E-11	9.071E+02	-2.268E+04	-9.208E-06	8.506E-08
197	4	51.75	6	-1.459E+02	-8.762E+02	-1.898E+01	-1.235E-11	9.820E+02	-2.268E+04	-9.208E-06	9.209E-08
197	4	51.75	7	-1.459E+02	-8.762E+02	1.898E+01	1.238E-11	-9.820E+02	-2.268E+04	-9.208E-06	-9.209E-08
197	4	51.75	8	-1.459E+02	-8.762E+02	1.753E+01	1.170E-11	-9.071E+02	-2.268E+04	-9.208E-06	-8.506E-08
197	4	51.75	9	1.485E+02	-8.758E+02	-1.753E+01	-1.141E-11	9.071E+02	-2.266E+04	-9.209E-06	8.506E-08
197	4	51.75	10	1.485E+02	-8.758E+02	-1.898E+01	-1.208E-11	9.820E+02	-2.266E+04	-9.209E-06	9.209E-08
197	4	51.75	11	1.485E+02	-8.758E+02	1.898E+01	1.265E-11	-9.820E+02	-2.266E+04	-9.209E-06	-9.209E-08
197	4	51.75	12	1.485E+02	-8.758E+02	1.753E+01	1.197E-11	-9.071E+02	-2.266E+04	-9.209E-06	-8.506E-08
197	4	51.75	13	1.364E+02	-8.758E+02	-1.753E+01	-1.163E-11	9.071E+02	-2.266E+04	-9.209E-06	8.506E-08
197	4	51.75	14	1.364E+02	-8.758E+02	-1.898E+01	-1.231E-11	9.820E+02	-2.266E+04	-9.209E-06	9.209E-08
197	4	51.75	15	1.364E+02	-8.758E+02	1.898E+01	1.242E-11	-9.820E+02	-2.266E+04	-9.209E-06	-9.209E-08
197	4	51.75	16	1.364E+02	-8.758E+02	1.753E+01	1.175E-11	-9.071E+02	-2.266E+04	-9.209E-06	-8.506E-08
197	5	69.00	1	-1.335E+02	-1.168E+03	-1.753E+01	-1.146E-11	1.209E+03	-4.031E+04	-1.345E-14	-6.125E-15
197	5	69.00	2	-1.335E+02	-1.168E+03	-1.898E+01	-1.213E-11	1.309E+03	-4.031E+04	-1.345E-14	-5.456E-15
197	5	69.00	3	-1.335E+02	-1.168E+03	1.898E+01	1.260E-11	-1.309E+03	-4.031E+04	-1.345E-14	5.456E-15
197	5	69.00	4	-1.335E+02	-1.168E+03	1.753E+01	1.192E-11	-1.209E+03	-4.031E+04	-1.345E-14	6.125E-15
197	5	69.00	5	-1.455E+02	-1.168E+03	-1.753E+01	-1.168E-11	1.209E+03	-4.031E+04	-1.345E-14	-6.125E-15
197	5	69.00	6	-1.455E+02	-1.168E+03	-1.898E+01	-1.235E-11	1.309E+03	-4.031E+04	-1.345E-14	-5.456E-15
197	5	69.00	7	-1.455E+02	-1.168E+03	1.898E+01	1.238E-11	-1.309E+03	-4.031E+04	-1.345E-14	5.456E-15
197	5	69.00	8	-1.455E+02	-1.168E+03	1.753E+01	1.170E-11	-1.209E+03	-4.031E+04	-1.345E-14	6.125E-15
197	5	69.00	9	1.489E+02	-1.168E+03	-1.753E+01	-1.141E-11	1.209E+03	-4.028E+04	-1.338E-14	-6.125E-15
197	5	69.00	10	1.489E+02	-1.168E+03	-1.898E+01	-1.208E-11	1.309E+03	-4.028E+04	-1.338E-14	-5.456E-15
197	5	69.00	11	1.489E+02	-1.168E+03	1.898E+01	1.265E-11	-1.309E+03	-4.028E+04	-1.338E-14	5.456E-15
197	5	69.00	12	1.489E+02	-1.168E+03	1.753E+01	1.197E-11	-1.209E+03	-4.028E+04	-1.338E-14	6.125E-15
197	5	69.00	13	1.369E+02	-1.168E+03	-1.753E+01	-1.163E-11	1.209E+03	-4.028E+04	-1.338E-14	-6.125E-15
197	5	69.00	14	1.369E+02	-1.168E+03	-1.898E+01	-1.231E-11	1.309E+03	-4.028E+04	-1.338E-14	-5.456E-15
197	5	69.00	15	1.369E+02	-1.168E+03	1.898E+01	1.242E-11	-1.309E+03	-4.028E+04	-1.338E-14	5.456E-15
197	5	69.00	16	1.369E+02	-1.168E+03	1.753E+01	1.175E-11	-1.209E+03	-4.028E+04	-1.338E-14	6.125E-15
198	1	0.00	1	-1.472E+02	-2.133E-01	-1.753E+01	-1.173E-11	-5.470E-09	5.940E-08	0.000E+00	0.000E+00
198	1	0.00	2	-1.472E+02	-2.133E-01	-1.898E+01	-1.241E-11	-5.645E-09	5.938E-08	0.000E+00	0.000E+00
198	1	0.00	3	-1.472E+02	-2.133E-01	1.898E+01	1.238E-11	5.905E-09	4.763E-08	0.000E+00	0.000E+00
198	1	0.00	4	-1.472E+02	-2.133E-01	1.753E+01	1.171E-11	5.731E-09	4.761E-08	0.000E+00	0.000E+00
198	1	0.00	5	-1.352E+02	-1.959E-01	-1.753E+01	-1.195E-11	-5.470E-09	5.940E-08	0.000E+00	0.000E+00
198	1	0.00	6	-1.352E+02	-1.959E-01	-1.898E+01	-1.263E-11	-5.645E-09	5.938E-08	0.000E+00	0.000E+00
198	1	0.00	7	-1.352E+02	-1.959E-01	1.898E+01	1.216E-11	5.905E-09	4.763E-08	0.000E+00	0.000E+00
198	1	0.00	8	-1.352E+02	-1.959E-01	1.753E+01	1.149E-11	5.731E-09	4.761E-08	0.000E+00	0.000E+00
198	1	0.00	9	1.352E+02	1.959E-01	-1.753E+01	-1.178E-11	-5.325E-09	7.057E-08	0.000E+00	0.000E+00
198	1	0.00	10	1.352E+02	1.959E-01	-1.898E+01	-1.245E-11	-5.499E-09	7.056E-08	0.000E+00	0.000E+00
198	1	0.00	11	1.352E+02	1.959E-01	1.898E+01	1.234E-11	6.051E-09	5.880E-08	0.000E+00	0.000E+00
198	1	0.00	12	1.352E+02	1.959E-01	1.753E+01	1.166E-11	5.876E-09	5.879E-08	0.000E+00	0.000E+00
198	1	0.00	13	1.472E+02	2.133E-01	-1.753E+01	-1.200E-11	-5.325E-09	7.057E-08	0.000E+00	0.000E+00
198	1	0.00	14	1.472E+02	2.133E-01	-1.898E+01	-1.268E-11	-5.499E-09	7.056E-08	0.000E+00	0.000E+00
198	1	0.00	15	1.472E+02	2.133E-01	1.898E+01	1.211E-11	6.051E-09	5.880E-08	0.000E+00	0.000E+00
198	1	0.00	16	1.472E+02	2.133E-01	1.753E+01	1.144E-11	5.876E-09	5.878E-08	0.000E+00	0.000E+00
198	2	17.25	1	-1.468E+02	-2.922E+02	-1.753E+01	-1.173E-11	3.024E+02	-2.522E+03	-9.561E-06	6.076E-08

198	2	17.25	2	-1.468E+02	-2.922E+02	-1.898E+01	-1.241E-11	3.273E+02	-2.522E+03	-9.561E-06	6.578E-08
198	2	17.25	3	-1.468E+02	-2.922E+02	1.898E+01	1.238E-11	-3.273E+02	-2.522E+03	-9.561E-06	-6.578E-08
198	2	17.25	4	-1.468E+02	-2.922E+02	1.753E+01	1.171E-11	-3.024E+02	-2.522E+03	-9.561E-06	-6.076E-08
198	2	17.25	5	-1.348E+02	-2.922E+02	-1.753E+01	-1.195E-11	3.024E+02	-2.522E+03	-9.561E-06	6.076E-08
198	2	17.25	6	-1.348E+02	-2.922E+02	-1.898E+01	-1.263E-11	3.273E+02	-2.522E+03	-9.561E-06	6.578E-08
198	2	17.25	7	-1.348E+02	-2.922E+02	1.898E+01	1.216E-11	-3.273E+02	-2.522E+03	-9.561E-06	-6.578E-08
198	2	17.25	8	-1.348E+02	-2.922E+02	1.753E+01	1.149E-11	-3.024E+02	-2.522E+03	-9.561E-06	-6.076E-08
198	2	17.25	9	1.356E+02	-2.918E+02	-1.753E+01	-1.178E-11	3.024E+02	-2.515E+03	-9.561E-06	6.076E-08
198	2	17.25	10	1.356E+02	-2.918E+02	-1.898E+01	-1.245E-11	3.273E+02	-2.515E+03	-9.561E-06	6.578E-08
198	2	17.25	11	1.356E+02	-2.918E+02	1.898E+01	1.234E-11	-3.273E+02	-2.515E+03	-9.561E-06	-6.578E-08
198	2	17.25	12	1.356E+02	-2.918E+02	1.753E+01	1.166E-11	-3.024E+02	-2.515E+03	-9.561E-06	-6.076E-08
198	2	17.25	13	1.476E+02	-2.918E+02	-1.753E+01	-1.200E-11	3.024E+02	-2.515E+03	-9.561E-06	6.076E-08
198	2	17.25	14	1.476E+02	-2.918E+02	-1.898E+01	-1.268E-11	3.273E+02	-2.515E+03	-9.561E-06	6.578E-08
198	2	17.25	15	1.476E+02	-2.918E+02	1.898E+01	1.211E-11	-3.273E+02	-2.515E+03	-9.561E-06	-6.578E-08
198	2	17.25	16	1.476E+02	-2.918E+02	1.753E+01	1.144E-11	-3.024E+02	-2.515E+03	-9.561E-06	-6.076E-08
198	3	34.50	1	-1.463E+02	-5.842E+02	-1.753E+01	-1.173E-11	6.047E+02	-1.008E+04	-1.254E-05	9.721E-08
198	3	34.50	2	-1.463E+02	-5.842E+02	-1.898E+01	-1.241E-11	6.547E+02	-1.008E+04	-1.254E-05	1.052E-07
198	3	34.50	3	-1.463E+02	-5.842E+02	1.898E+01	1.238E-11	-6.547E+02	-1.008E+04	-1.254E-05	-1.052E-07
198	3	34.50	4	-1.463E+02	-5.842E+02	1.753E+01	1.171E-11	-6.047E+02	-1.008E+04	-1.254E-05	-9.721E-08
198	3	34.50	5	-1.343E+02	-5.842E+02	-1.753E+01	-1.195E-11	6.047E+02	-1.008E+04	-1.254E-05	9.721E-08
198	3	34.50	6	-1.343E+02	-5.842E+02	-1.898E+01	-1.263E-11	6.547E+02	-1.008E+04	-1.254E-05	1.052E-07
198	3	34.50	7	-1.343E+02	-5.842E+02	1.898E+01	1.216E-11	-6.547E+02	-1.008E+04	-1.254E-05	-1.052E-07
198	3	34.50	8	-1.343E+02	-5.842E+02	1.753E+01	1.149E-11	-6.047E+02	-1.008E+04	-1.254E-05	-9.721E-08
198	3	34.50	9	1.360E+02	-5.838E+02	-1.753E+01	-1.178E-11	6.047E+02	-1.007E+04	-1.254E-05	9.721E-08
198	3	34.50	10	1.360E+02	-5.838E+02	-1.898E+01	-1.245E-11	6.547E+02	-1.007E+04	-1.254E-05	1.052E-07
198	3	34.50	11	1.360E+02	-5.838E+02	1.898E+01	1.234E-11	-6.547E+02	-1.007E+04	-1.254E-05	-1.052E-07
198	3	34.50	12	1.360E+02	-5.838E+02	1.753E+01	1.166E-11	-6.047E+02	-1.007E+04	-1.254E-05	-9.721E-08
198	3	34.50	13	1.480E+02	-5.838E+02	-1.753E+01	-1.200E-11	6.047E+02	-1.007E+04	-1.254E-05	9.721E-08
198	3	34.50	14	1.480E+02	-5.838E+02	-1.898E+01	-1.268E-11	6.547E+02	-1.007E+04	-1.254E-05	1.052E-07
198	3	34.50	15	1.480E+02	-5.838E+02	1.898E+01	1.211E-11	-6.547E+02	-1.007E+04	-1.254E-05	-1.052E-07
198	3	34.50	16	1.480E+02	-5.838E+02	1.753E+01	1.144E-11	-6.047E+02	-1.007E+04	-1.254E-05	-9.721E-08
198	4	51.75	1	-1.459E+02	-8.762E+02	-1.753E+01	-1.173E-11	9.071E+02	-2.268E+04	-9.208E-06	8.506E-08
198	4	51.75	2	-1.459E+02	-8.762E+02	-1.898E+01	-1.241E-11	9.820E+02	-2.268E+04	-9.208E-06	9.209E-08
198	4	51.75	3	-1.459E+02	-8.762E+02	1.898E+01	1.238E-11	-9.820E+02	-2.268E+04	-9.208E-06	-9.209E-08
198	4	51.75	4	-1.459E+02	-8.762E+02	1.753E+01	1.171E-11	-9.071E+02	-2.268E+04	-9.208E-06	-8.506E-08
198	4	51.75	5	-1.339E+02	-8.762E+02	-1.753E+01	-1.195E-11	9.071E+02	-2.268E+04	-9.208E-06	8.506E-08
198	4	51.75	6	-1.339E+02	-8.762E+02	-1.898E+01	-1.263E-11	9.820E+02	-2.268E+04	-9.208E-06	9.209E-08
198	4	51.75	7	-1.339E+02	-8.762E+02	1.898E+01	1.216E-11	-9.820E+02	-2.268E+04	-9.208E-06	-9.209E-08
198	4	51.75	8	-1.339E+02	-8.762E+02	1.753E+01	1.149E-11	-9.071E+02	-2.268E+04	-9.208E-06	-8.506E-08
198	4	51.75	9	1.364E+02	-8.758E+02	-1.753E+01	-1.178E-11	9.071E+02	-2.266E+04	-9.209E-06	8.506E-08
198	4	51.75	10	1.364E+02	-8.758E+02	-1.898E+01	-1.245E-11	9.820E+02	-2.266E+04	-9.209E-06	9.209E-08
198	4	51.75	11	1.364E+02	-8.758E+02	1.898E+01	1.234E-11	-9.820E+02	-2.266E+04	-9.209E-06	-9.209E-08
198	4	51.75	12	1.364E+02	-8.758E+02	1.753E+01	1.166E-11	-9.071E+02	-2.266E+04	-9.209E-06	-8.506E-08
198	4	51.75	13	1.485E+02	-8.758E+02	-1.753E+01	-1.200E-11	9.071E+02	-2.266E+04	-9.209E-06	8.506E-08
198	4	51.75	14	1.485E+02	-8.758E+02	-1.898E+01	-1.268E-11	9.820E+02	-2.266E+04	-9.209E-06	9.209E-08
198	4	51.75	15	1.485E+02	-8.758E+02	1.898E+01	1.211E-11	-9.820E+02	-2.266E+04	-9.209E-06	-9.209E-08
198	4	51.75	16	1.485E+02	-8.758E+02	1.753E+01	1.144E-11	-9.071E+02	-2.266E+04	-9.209E-06	-8.506E-08
198	5	69.00	1	-1.455E+02	-1.168E+03	-1.753E+01	-1.173E-11	1.209E+03	-4.031E+04	-1.346E-14	-6.125E-15
198	5	69.00	2	-1.455E+02	-1.168E+03	-1.898E+01	-1.241E-11	1.309E+03	-4.031E+04	-1.346E-14	-5.456E-15
198	5	69.00	3	-1.455E+02	-1.168E+03	1.898E+01	1.238E-11	-1.309E+03	-4.031E+04	-1.346E-14	5.456E-15
198	5	69.00	4	-1.455E+02	-1.168E+03	1.753E+01	1.171E-11	-1.209E+03	-4.031E+04	-1.346E-14	6.125E-15
198	5	69.00	5	-1.335E+02	-1.168E+03	-1.753E+01	-1.195E-11	1.209E+03	-4.031E+04	-1.346E-14	-6.125E-15
198	5	69.00	6	-1.335E+02	-1.168E+03	-1.898E+01	-1.263E-11	1.309E+03	-4.031E+04	-1.346E-14	-5.456E-15
198	5	69.00	7	-1.335E+02	-1.168E+03	1.898E+01	1.216E-11	-1.309E+03	-4.031E+04	-1.346E-14	5.456E-15
198	5	69.00	8	-1.335E+02	-1.168E+03	1.753E+01	1.149E-11	-1.209E+03	-4.031E+04	-1.346E-14	6.125E-15
198	5	69.00	9	1.369E+02	-1.168E+03	-1.753E+01	-1.178E-11	1.209E+03	-4.028E+04	-1.339E-14	-6.125E-15
198	5	69.00	10	1.369E+02	-1.168E+03	-1.898E+01	-1.245E-11	1.309E+03	-4.028E+04	-1.339E-14	-5.456E-15
198	5	69.00	11	1.369E+02	-1.168E+03	1.898E+01	1.234E-11	-1.309E+03	-4.028E+04	-1.339E-14	5.456E-15
198	5	69.00	12	1.369E+02	-1.168E+03	1.753E+01	1.166E-11	-1.209E+03	-4.028E+04	-1.339E-14	6.125E-15
198	5	69.00	13	1.489E+02	-1.168E+03	-1.753E+01	-1.200E-11	1.209E+03	-4.028E+04	-1.339E-14	-6.125E-15
198	5	69.00	14	1.489E+02	-1.168E+03	-1.898E+01	-1.268E-11	1.309E+03	-4.028E+04	-1.339E-14	-5.456E-15
198	5	69.00	15	1.489E+02	-1.168E+03	1.898E+01	1.211E-11	-1.309E+03	-4.028E+04	-1.339E-14	5.456E-15

198	5	69.00	16	1.489E+02	-1.168E+03	1.753E+01	1.144E-11	-1.209E+03	-4.028E+04	-1.339E-14	6.125E-15
199	1	0.00	1	3.266E+04	4.264E+04	2.646E+03	1.273E-01	3.218E+05	-3.017E+04	0.000E+00	0.000E+00
199	1	0.00	2	3.268E+04	4.264E+04	2.736E+03	1.267E-01	3.357E+05	-3.067E+04	0.000E+00	0.000E+00
199	1	0.00	3	3.694E+04	4.268E+04	-1.068E+03	1.009E-01	-2.493E+05	-4.993E+04	0.000E+00	0.000E+00
199	1	0.00	4	3.697E+04	4.268E+04	-9.782E+02	1.002E-01	-2.354E+05	-5.043E+04	0.000E+00	0.000E+00
199	1	0.00	5	3.312E+04	4.264E+04	2.529E+03	1.273E-01	2.473E+05	-3.019E+04	0.000E+00	0.000E+00
199	1	0.00	6	3.315E+04	4.265E+04	2.619E+03	1.267E-01	2.613E+05	-3.069E+04	0.000E+00	0.000E+00
199	1	0.00	7	3.741E+04	4.268E+04	-1.185E+03	1.009E-01	-3.237E+05	-4.995E+04	0.000E+00	0.000E+00
199	1	0.00	8	3.743E+04	4.268E+04	-1.095E+03	1.002E-01	-3.098E+05	-5.045E+04	0.000E+00	0.000E+00
199	1	0.00	9	-4.304E+04	4.262E+04	2.956E+03	1.273E-01	3.242E+05	-3.014E+04	0.000E+00	0.000E+00
199	1	0.00	10	-4.302E+04	4.262E+04	3.047E+03	1.267E-01	3.382E+05	-3.064E+04	0.000E+00	0.000E+00
199	1	0.00	11	-3.876E+04	4.265E+04	-7.576E+02	1.009E-01	-2.468E+05	-4.990E+04	0.000E+00	0.000E+00
199	1	0.00	12	-3.874E+04	4.265E+04	-6.674E+02	1.002E-01	-2.329E+05	-5.040E+04	0.000E+00	0.000E+00
199	1	0.00	13	-4.258E+04	4.262E+04	2.840E+03	1.273E-01	2.498E+05	-3.016E+04	0.000E+00	0.000E+00
199	1	0.00	14	-4.255E+04	4.262E+04	2.930E+03	1.267E-01	2.637E+05	-3.066E+04	0.000E+00	0.000E+00
199	1	0.00	15	-3.830E+04	4.265E+04	-8.740E+02	1.009E-01	-3.213E+05	-4.992E+04	0.000E+00	0.000E+00
199	1	0.00	16	-3.827E+04	4.265E+04	-7.837E+02	1.002E-01	-3.074E+05	-5.042E+04	0.000E+00	0.000E+00
199	2	45.25	1	3.266E+04	4.188E+04	2.646E+03	1.273E-01	2.051E+05	1.882E+06	-1.198E-03	1.071E-04
199	2	45.25	2	3.269E+04	4.188E+04	2.736E+03	1.267E-01	2.149E+05	1.882E+06	-1.198E-03	1.130E-04
199	2	45.25	3	3.694E+04	4.191E+04	-1.068E+03	1.009E-01	-2.039E+05	1.864E+06	-1.192E-03	-1.456E-04
199	2	45.25	4	3.697E+04	4.191E+04	-9.782E+02	1.002E-01	-1.941E+05	1.863E+06	-1.191E-03	-1.397E-04
199	2	45.25	5	3.312E+04	4.188E+04	2.529E+03	1.273E-01	1.359E+05	1.882E+06	-1.198E-03	5.261E-05
199	2	45.25	6	3.315E+04	4.188E+04	2.619E+03	1.267E-01	1.457E+05	1.882E+06	-1.198E-03	5.851E-05
199	2	45.25	7	3.741E+04	4.191E+04	-1.185E+03	1.009E-01	-2.731E+05	1.864E+06	-1.192E-03	-2.001E-04
199	2	45.25	8	3.743E+04	4.191E+04	-1.095E+03	1.002E-01	-2.633E+05	1.863E+06	-1.191E-03	-1.942E-04
199	2	45.25	9	-4.304E+04	4.185E+04	2.956E+03	1.273E-01	1.935E+05	1.881E+06	-1.197E-03	8.967E-05
199	2	45.25	10	-4.302E+04	4.185E+04	3.047E+03	1.267E-01	2.033E+05	1.880E+06	-1.197E-03	9.557E-05
199	2	45.25	11	-3.876E+04	4.188E+04	-7.576E+02	1.009E-01	-2.156E+05	1.863E+06	-1.191E-03	-1.630E-04
199	2	45.25	12	-3.874E+04	4.188E+04	-6.674E+02	1.002E-01	-2.057E+05	1.862E+06	-1.191E-03	-1.571E-04
199	2	45.25	13	-4.258E+04	4.185E+04	2.840E+03	1.273E-01	1.243E+05	1.881E+06	-1.197E-03	3.517E-05
199	2	45.25	14	-4.255E+04	4.185E+04	2.930E+03	1.267E-01	1.341E+05	1.880E+06	-1.197E-03	4.107E-05
199	2	45.25	15	-3.830E+04	4.188E+04	-8.740E+02	1.009E-01	-2.848E+05	1.863E+06	-1.191E-03	-2.175E-04
199	2	45.25	16	-3.827E+04	4.188E+04	-7.837E+02	1.002E-01	-2.749E+05	1.862E+06	-1.191E-03	-2.116E-04
199	3	90.50	1	3.266E+04	4.111E+04	2.646E+03	1.273E-01	9.234E+04	3.760E+06	-1.897E-03	1.021E-04
199	3	90.50	2	3.269E+04	4.111E+04	2.736E+03	1.267E-01	9.809E+04	3.759E+06	-1.897E-03	1.085E-04
199	3	90.50	3	3.694E+04	4.114E+04	-1.068E+03	1.009E-01	-1.625E+05	3.743E+06	-1.889E-03	-1.798E-04
199	3	90.50	4	3.697E+04	4.114E+04	-9.782E+02	1.002E-01	-1.568E+05	3.742E+06	-1.889E-03	-1.734E-04
199	3	90.50	5	3.313E+04	4.111E+04	2.529E+03	1.273E-01	2.840E+04	3.760E+06	-1.897E-03	3.141E-05
199	3	90.50	6	3.315E+04	4.111E+04	2.619E+03	1.267E-01	3.415E+04	3.759E+06	-1.897E-03	3.777E-05
199	3	90.50	7	3.741E+04	4.114E+04	-1.185E+03	1.009E-01	-2.265E+05	3.743E+06	-1.889E-03	-2.505E-04
199	3	90.50	8	3.743E+04	4.115E+04	-1.095E+03	1.002E-01	-2.207E+05	3.743E+06	-1.889E-03	-2.441E-04
199	3	90.50	9	-4.304E+04	4.108E+04	2.956E+03	1.273E-01	6.663E+04	3.757E+06	-1.896E-03	7.370E-05
199	3	90.50	10	-4.302E+04	4.108E+04	3.047E+03	1.267E-01	7.238E+04	3.757E+06	-1.896E-03	8.006E-05
199	3	90.50	11	-3.876E+04	4.112E+04	-7.576E+02	1.009E-01	-1.882E+05	3.740E+06	-1.888E-03	-2.082E-04
199	3	90.50	12	-3.873E+04	4.112E+04	-6.674E+02	1.002E-01	-1.825E+05	3.740E+06	-1.888E-03	-2.019E-04
199	3	90.50	13	-4.258E+04	4.108E+04	2.840E+03	1.273E-01	2.687E+03	3.757E+06	-1.896E-03	2.973E-06
199	3	90.50	14	-4.255E+04	4.108E+04	2.930E+03	1.267E-01	8.439E+03	3.757E+06	-1.896E-03	9.335E-06
199	3	90.50	15	-3.829E+04	4.112E+04	-8.740E+02	1.009E-01	-2.522E+05	3.740E+06	-1.888E-03	-2.789E-04
199	3	90.50	16	-3.827E+04	4.112E+04	-7.837E+02	1.002E-01	-2.464E+05	3.740E+06	-1.888E-03	-2.726E-04
199	4	135.75	1	3.266E+04	4.035E+04	2.646E+03	1.273E-01	-1.399E+05	5.603E+06	-1.646E-03	4.742E-05
199	4	135.75	2	3.269E+04	4.035E+04	2.736E+03	1.267E-01	-1.382E+05	5.602E+06	-1.646E-03	5.107E-05
199	4	135.75	3	3.694E+04	4.038E+04	-1.068E+03	1.009E-01	-1.691E+03	5.587E+06	-1.640E-03	-1.254E-04
199	4	135.75	4	3.697E+04	4.038E+04	-9.782E+02	1.002E-01	-2.123E+01	5.587E+06	-1.640E-03	-1.217E-04
199	4	135.75	5	3.313E+04	4.035E+04	2.529E+03	1.273E-01	-1.985E+05	5.603E+06	-1.646E-03	-4.167E-06
199	4	135.75	6	3.315E+04	4.035E+04	2.619E+03	1.267E-01	-1.969E+05	5.602E+06	-1.646E-03	-5.236E-07
199	4	135.75	7	3.741E+04	4.038E+04	-1.185E+03	1.009E-01	-6.036E+04	5.587E+06	-1.640E-03	-1.770E-04
199	4	135.75	8	3.743E+04	4.038E+04	-1.095E+03	1.002E-01	-5.869E+04	5.587E+06	-1.640E-03	-1.733E-04
199	4	135.75	9	-4.304E+04	4.032E+04	2.956E+03	1.273E-01	-1.796E+05	5.599E+06	-1.645E-03	2.221E-05
199	4	135.75	10	-4.302E+04	4.032E+04	3.047E+03	1.267E-01	-1.780E+05	5.599E+06	-1.645E-03	2.585E-05
199	4	135.75	11	-3.876E+04	4.035E+04	-7.576E+02	1.009E-01	-4.146E+04	5.583E+06	-1.639E-03	-1.506E-04
199	4	135.75	12	-3.873E+04	4.035E+04	-6.674E+02	1.002E-01	-3.979E+04	5.583E+06	-1.639E-03	-1.470E-04
199	4	135.75	13	-4.258E+04	4.032E+04	2.840E+03	1.273E-01	-2.383E+05	5.599E+06	-1.645E-03	-2.938E-05

199	4	135.75	14	-4.255E+04	4.032E+04	2.930E+03	1.267E-01	-2.366E+05	5.599E+06	-1.645E-03	-2.574E-05
199	4	135.75	15	-3.829E+04	4.035E+04	-8.740E+02	1.009E-01	-1.001E+05	5.584E+06	-1.639E-03	-2.022E-04
199	4	135.75	16	-3.827E+04	4.035E+04	-7.837E+02	1.002E-01	-9.847E+04	5.583E+06	-1.639E-03	-1.986E-04
199	5	181.00	1	3.266E+04	3.958E+04	2.646E+03	1.273E-01	-1.927E+05	7.411E+06	-9.889E-11	4.346E-11
199	5	181.00	2	3.269E+04	3.958E+04	2.736E+03	1.267E-01	-1.951E+05	7.411E+06	-9.891E-11	4.412E-11
199	5	181.00	3	3.694E+04	3.961E+04	-1.068E+03	1.009E-01	-2.027E+04	7.397E+06	-1.010E-10	-2.251E-11
199	5	181.00	4	3.697E+04	3.961E+04	-9.782E+02	1.002E-01	-2.268E+04	7.397E+06	-1.010E-10	-2.186E-11
199	5	181.00	5	3.313E+04	3.958E+04	2.529E+03	1.273E-01	-2.461E+05	7.411E+06	-9.889E-11	2.310E-11
199	5	181.00	6	3.315E+04	3.958E+04	2.619E+03	1.267E-01	-2.485E+05	7.411E+06	-9.891E-11	2.376E-11
199	5	181.00	7	3.741E+04	3.961E+04	-1.185E+03	1.009E-01	-7.368E+04	7.397E+06	-1.010E-10	-4.287E-11
199	5	181.00	8	3.743E+04	3.961E+04	-1.095E+03	1.002E-01	-7.609E+04	7.397E+06	-1.010E-10	-4.221E-11
199	5	181.00	9	-4.304E+04	3.955E+04	2.956E+03	1.273E-01	-2.465E+05	7.406E+06	-9.916E-11	4.387E-11
199	5	181.00	10	-4.302E+04	3.955E+04	3.047E+03	1.267E-01	-2.489E+05	7.406E+06	-9.918E-11	4.452E-11
199	5	181.00	11	-3.876E+04	3.958E+04	-7.576E+02	1.009E-01	-7.411E+04	7.392E+06	-1.012E-10	-2.210E-11
199	5	181.00	12	-3.873E+04	3.958E+04	-6.674E+02	1.002E-01	-7.652E+04	7.392E+06	-1.013E-10	-2.145E-11
199	5	181.00	13	-4.258E+04	3.955E+04	2.840E+03	1.273E-01	-2.999E+05	7.406E+06	-9.916E-11	2.351E-11
199	5	181.00	14	-4.255E+04	3.955E+04	2.930E+03	1.267E-01	-3.023E+05	7.406E+06	-9.918E-11	2.417E-11
199	5	181.00	15	-3.829E+04	3.958E+04	-8.740E+02	1.009E-01	-1.275E+05	7.392E+06	-1.012E-10	-4.246E-11
199	5	181.00	16	-3.827E+04	3.959E+04	-7.837E+02	1.002E-01	-1.299E+05	7.392E+06	-1.013E-10	-4.180E-11
200	1	0.00	1	3.743E+04	4.268E+04	1.095E+03	-1.002E-01	3.098E+05	-5.045E+04	0.000E+00	0.000E+00
200	1	0.00	2	3.741E+04	4.268E+04	1.185E+03	-1.009E-01	3.237E+05	-4.995E+04	0.000E+00	0.000E+00
200	1	0.00	3	3.315E+04	4.265E+04	-2.619E+03	-1.267E-01	-2.613E+05	-3.069E+04	0.000E+00	0.000E+00
200	1	0.00	4	3.312E+04	4.264E+04	-2.529E+03	-1.273E-01	-2.473E+05	-3.019E+04	0.000E+00	0.000E+00
200	1	0.00	5	3.697E+04	4.268E+04	9.782E+02	-1.002E-01	2.354E+05	-5.043E+04	0.000E+00	0.000E+00
200	1	0.00	6	3.694E+04	4.268E+04	1.068E+03	-1.009E-01	2.493E+05	-4.993E+04	0.000E+00	0.000E+00
200	1	0.00	7	3.268E+04	4.264E+04	-2.736E+03	-1.267E-01	-3.357E+05	-3.067E+04	0.000E+00	0.000E+00
200	1	0.00	8	3.266E+04	4.264E+04	-2.646E+03	-1.273E-01	-3.218E+05	-3.017E+04	0.000E+00	0.000E+00
200	1	0.00	9	-3.827E+04	4.265E+04	7.837E+02	-1.002E-01	3.074E+05	-5.042E+04	0.000E+00	0.000E+00
200	1	0.00	10	-3.830E+04	4.265E+04	8.740E+02	-1.009E-01	3.213E+05	-4.992E+04	0.000E+00	0.000E+00
200	1	0.00	11	-4.255E+04	4.262E+04	-2.930E+03	-1.267E-01	-2.637E+05	-3.066E+04	0.000E+00	0.000E+00
200	1	0.00	12	-4.258E+04	4.262E+04	-2.840E+03	-1.273E-01	-2.498E+05	-3.016E+04	0.000E+00	0.000E+00
200	1	0.00	13	-3.874E+04	4.265E+04	6.674E+02	-1.002E-01	2.329E+05	-5.040E+04	0.000E+00	0.000E+00
200	1	0.00	14	-3.876E+04	4.265E+04	7.576E+02	-1.009E-01	2.468E+05	-4.990E+04	0.000E+00	0.000E+00
200	1	0.00	15	-4.302E+04	4.262E+04	-3.047E+03	-1.267E-01	-3.382E+05	-3.064E+04	0.000E+00	0.000E+00
200	1	0.00	16	-4.304E+04	4.262E+04	-2.956E+03	-1.273E-01	-3.242E+05	-3.014E+04	0.000E+00	0.000E+00
200	2	45.25	1	3.743E+04	4.191E+04	1.095E+03	-1.002E-01	2.633E+05	1.863E+06	-1.191E-03	1.942E-04
200	2	45.25	2	3.741E+04	4.191E+04	1.185E+03	-1.009E-01	2.731E+05	1.864E+06	-1.192E-03	2.001E-04
200	2	45.25	3	3.315E+04	4.188E+04	-2.619E+03	-1.267E-01	-1.457E+05	1.882E+06	-1.198E-03	-5.851E-05
200	2	45.25	4	3.312E+04	4.188E+04	-2.529E+03	-1.273E-01	-1.359E+05	1.882E+06	-1.198E-03	-5.261E-05
200	2	45.25	5	3.697E+04	4.191E+04	9.782E+02	-1.002E-01	1.941E+05	1.863E+06	-1.191E-03	1.397E-04
200	2	45.25	6	3.694E+04	4.191E+04	1.068E+03	-1.009E-01	2.039E+05	1.864E+06	-1.192E-03	1.456E-04
200	2	45.25	7	3.269E+04	4.188E+04	-2.736E+03	-1.267E-01	-2.149E+05	1.882E+06	-1.198E-03	-1.130E-04
200	2	45.25	8	3.266E+04	4.188E+04	-2.646E+03	-1.273E-01	-2.051E+05	1.882E+06	-1.198E-03	-1.071E-04
200	2	45.25	9	-3.827E+04	4.188E+04	7.837E+02	-1.002E-01	2.749E+05	1.862E+06	-1.191E-03	2.116E-04
200	2	45.25	10	-3.830E+04	4.188E+04	8.740E+02	-1.009E-01	2.848E+05	1.863E+06	-1.191E-03	2.175E-04
200	2	45.25	11	-4.255E+04	4.185E+04	-2.930E+03	-1.267E-01	-1.341E+05	1.880E+06	-1.197E-03	-4.107E-05
200	2	45.25	12	-4.258E+04	4.185E+04	-2.840E+03	-1.273E-01	-1.243E+05	1.881E+06	-1.197E-03	-3.517E-05
200	2	45.25	13	-3.874E+04	4.188E+04	6.674E+02	-1.002E-01	2.057E+05	1.862E+06	-1.191E-03	1.571E-04
200	2	45.25	14	-3.876E+04	4.188E+04	7.576E+02	-1.009E-01	2.156E+05	1.863E+06	-1.191E-03	1.630E-04
200	2	45.25	15	-4.302E+04	4.185E+04	-3.047E+03	-1.267E-01	-2.033E+05	1.880E+06	-1.197E-03	-9.557E-05
200	2	45.25	16	-4.304E+04	4.185E+04	-2.956E+03	-1.273E-01	-1.935E+05	1.881E+06	-1.197E-03	-8.967E-05
200	3	90.50	1	3.743E+04	4.115E+04	1.095E+03	-1.002E-01	2.207E+05	3.743E+06	-1.889E-03	2.441E-04
200	3	90.50	2	3.741E+04	4.114E+04	1.185E+03	-1.009E-01	2.265E+05	3.743E+06	-1.889E-03	2.505E-04
200	3	90.50	3	3.315E+04	4.111E+04	-2.619E+03	-1.267E-01	-3.415E+04	3.759E+06	-1.897E-03	-3.777E-05
200	3	90.50	4	3.313E+04	4.111E+04	-2.529E+03	-1.273E-01	-2.840E+04	3.760E+06	-1.897E-03	-3.141E-05
200	3	90.50	5	3.697E+04	4.114E+04	9.782E+02	-1.002E-01	1.568E+05	3.742E+06	-1.889E-03	1.734E-04
200	3	90.50	6	3.694E+04	4.114E+04	1.068E+03	-1.009E-01	1.625E+05	3.743E+06	-1.889E-03	1.798E-04
200	3	90.50	7	3.269E+04	4.111E+04	-2.736E+03	-1.267E-01	-9.809E+04	3.759E+06	-1.897E-03	-1.085E-04
200	3	90.50	8	3.266E+04	4.111E+04	-2.646E+03	-1.273E-01	-9.234E+04	3.760E+06	-1.897E-03	-1.021E-04
200	3	90.50	9	-3.827E+04	4.112E+04	7.837E+02	-1.002E-01	2.464E+05	3.740E+06	-1.888E-03	2.726E-04
200	3	90.50	10	-3.829E+04	4.112E+04	8.740E+02	-1.009E-01	2.522E+05	3.740E+06	-1.888E-03	2.789E-04
200	3	90.50	11	-4.255E+04	4.108E+04	-2.930E+03	-1.267E-01	-8.439E+03	3.757E+06	-1.896E-03	-9.335E-06

200	3	90.50	12	-4.258E+04	4.108E+04	-2.840E+03	-1.273E-01	-2.687E+03	3.757E+06	-1.896E-03	-2.973E-06
200	3	90.50	13	-3.873E+04	4.112E+04	6.674E+02	-1.002E-01	1.825E+05	3.740E+06	-1.888E-03	2.019E-04
200	3	90.50	14	-3.876E+04	4.112E+04	7.576E+02	-1.009E-01	1.882E+05	3.740E+06	-1.888E-03	2.082E-04
200	3	90.50	15	-4.302E+04	4.108E+04	-3.047E+03	-1.267E-01	-7.238E+04	3.757E+06	-1.896E-03	-8.006E-05
200	3	90.50	16	-4.304E+04	4.108E+04	-2.956E+03	-1.273E-01	-6.663E+04	3.757E+06	-1.896E-03	-7.370E-05
200	4	135.75	1	3.743E+04	4.038E+04	1.095E+03	-1.002E-01	5.869E+04	5.587E+06	-1.640E-03	1.733E-04
200	4	135.75	2	3.741E+04	4.038E+04	1.185E+03	-1.009E-01	6.036E+04	5.587E+06	-1.640E-03	1.770E-04
200	4	135.75	3	3.315E+04	4.035E+04	-2.619E+03	-1.267E-01	1.969E+05	5.602E+06	-1.646E-03	5.236E-07
200	4	135.75	4	3.313E+04	4.035E+04	-2.529E+03	-1.273E-01	1.985E+05	5.603E+06	-1.646E-03	4.167E-06
200	4	135.75	5	3.697E+04	4.038E+04	9.782E+02	-1.002E-01	2.123E+01	5.587E+06	-1.640E-03	1.217E-04
200	4	135.75	6	3.694E+04	4.038E+04	1.068E+03	-1.009E-01	1.691E+03	5.587E+06	-1.640E-03	1.254E-04
200	4	135.75	7	3.269E+04	4.035E+04	-2.736E+03	-1.267E-01	1.382E+05	5.602E+06	-1.646E-03	-5.107E-05
200	4	135.75	8	3.266E+04	4.035E+04	-2.646E+03	-1.273E-01	1.399E+05	5.603E+06	-1.646E-03	-4.742E-05
200	4	135.75	9	-3.827E+04	4.035E+04	7.837E+02	-1.002E-01	9.847E+04	5.583E+06	-1.639E-03	1.986E-04
200	4	135.75	10	-3.829E+04	4.035E+04	8.740E+02	-1.009E-01	1.001E+05	5.584E+06	-1.639E-03	2.022E-04
200	4	135.75	11	-4.255E+04	4.032E+04	-2.930E+03	-1.267E-01	2.366E+05	5.599E+06	-1.645E-03	2.574E-05
200	4	135.75	12	-4.258E+04	4.032E+04	-2.840E+03	-1.273E-01	2.383E+05	5.599E+06	-1.645E-03	2.938E-05
200	4	135.75	13	-3.873E+04	4.035E+04	6.674E+02	-1.002E-01	3.979E+04	5.583E+06	-1.639E-03	1.470E-04
200	4	135.75	14	-3.876E+04	4.035E+04	7.576E+02	-1.009E-01	4.146E+04	5.583E+06	-1.639E-03	1.506E-04
200	4	135.75	15	-4.302E+04	4.032E+04	-3.047E+03	-1.267E-01	1.780E+05	5.599E+06	-1.645E-03	-2.585E-05
200	4	135.75	16	-4.304E+04	4.032E+04	-2.956E+03	-1.273E-01	1.796E+05	5.599E+06	-1.645E-03	-2.221E-05
200	5	181.00	1	3.743E+04	3.961E+04	1.095E+03	-1.002E-01	7.609E+04	7.397E+06	-1.010E-10	4.221E-11
200	5	181.00	2	3.741E+04	3.961E+04	1.185E+03	-1.009E-01	7.368E+04	7.397E+06	-1.010E-10	4.286E-11
200	5	181.00	3	3.315E+04	3.958E+04	-2.619E+03	-1.267E-01	2.485E+05	7.411E+06	-9.891E-11	-2.376E-11
200	5	181.00	4	3.313E+04	3.958E+04	-2.529E+03	-1.273E-01	2.461E+05	7.411E+06	-9.889E-11	-2.311E-11
200	5	181.00	5	3.697E+04	3.961E+04	9.782E+02	-1.002E-01	2.268E+04	7.397E+06	-1.010E-10	2.185E-11
200	5	181.00	6	3.694E+04	3.961E+04	1.068E+03	-1.009E-01	2.027E+04	7.397E+06	-1.010E-10	2.250E-11
200	5	181.00	7	3.269E+04	3.958E+04	-2.736E+03	-1.267E-01	1.951E+05	7.411E+06	-9.891E-11	-4.412E-11
200	5	181.00	8	3.266E+04	3.958E+04	-2.646E+03	-1.273E-01	1.927E+05	7.411E+06	-9.889E-11	-4.347E-11
200	5	181.00	9	-3.827E+04	3.959E+04	7.837E+02	-1.002E-01	1.299E+05	7.392E+06	-1.013E-10	4.180E-11
200	5	181.00	10	-3.829E+04	3.958E+04	8.740E+02	-1.009E-01	1.275E+05	7.392E+06	-1.012E-10	4.246E-11
200	5	181.00	11	-4.255E+04	3.955E+04	-2.930E+03	-1.267E-01	3.023E+05	7.406E+06	-9.918E-11	-2.417E-11
200	5	181.00	12	-4.258E+04	3.955E+04	-2.840E+03	-1.273E-01	2.999E+05	7.406E+06	-9.916E-11	-2.351E-11
200	5	181.00	13	-3.873E+04	3.958E+04	6.674E+02	-1.002E-01	7.652E+04	7.392E+06	-1.013E-10	2.145E-11
200	5	181.00	14	-3.876E+04	3.958E+04	7.576E+02	-1.009E-01	7.411E+04	7.392E+06	-1.012E-10	2.210E-11
200	5	181.00	15	-4.302E+04	3.955E+04	-3.047E+03	-1.267E-01	2.489E+05	7.406E+06	-9.918E-11	-4.452E-11
200	5	181.00	16	-4.304E+04	3.955E+04	-2.956E+03	-1.273E-01	2.465E+05	7.406E+06	-9.916E-11	-4.387E-11
201	1	0.00	1	2.960E+04	3.219E+04	1.134E+03	3.270E-02	-1.838E+05	7.415E+06	0.000E+00	0.000E+00
201	1	0.00	2	2.960E+04	3.220E+04	1.193E+03	3.202E-02	-1.820E+05	7.414E+06	0.000E+00	0.000E+00
201	1	0.00	3	3.375E+04	3.223E+04	-1.668E+03	5.740E-03	-7.475E+03	7.393E+06	0.000E+00	0.000E+00
201	1	0.00	4	3.374E+04	3.223E+04	-1.609E+03	5.058E-03	-5.697E+03	7.393E+06	0.000E+00	0.000E+00
201	1	0.00	5	2.995E+04	3.219E+04	1.017E+03	3.268E-02	-2.608E+05	7.415E+06	0.000E+00	0.000E+00
201	1	0.00	6	2.995E+04	3.220E+04	1.076E+03	3.200E-02	-2.590E+05	7.414E+06	0.000E+00	0.000E+00
201	1	0.00	7	3.409E+04	3.223E+04	-1.784E+03	5.721E-03	-8.447E+04	7.394E+06	0.000E+00	0.000E+00
201	1	0.00	8	3.409E+04	3.223E+04	-1.725E+03	5.040E-03	-8.269E+04	7.393E+06	0.000E+00	0.000E+00
201	1	0.00	9	-3.967E+04	3.218E+04	1.015E+03	3.270E-02	-2.372E+05	7.410E+06	0.000E+00	0.000E+00
201	1	0.00	10	-3.968E+04	3.218E+04	1.074E+03	3.202E-02	-2.354E+05	7.409E+06	0.000E+00	0.000E+00
201	1	0.00	11	-3.553E+04	3.221E+04	-1.786E+03	5.739E-03	-6.084E+04	7.388E+06	0.000E+00	0.000E+00
201	1	0.00	12	-3.553E+04	3.221E+04	-1.727E+03	5.058E-03	-5.906E+04	7.388E+06	0.000E+00	0.000E+00
201	1	0.00	13	-3.932E+04	3.218E+04	8.990E+02	3.268E-02	-3.141E+05	7.410E+06	0.000E+00	0.000E+00
201	1	0.00	14	-3.933E+04	3.218E+04	9.580E+02	3.200E-02	-3.124E+05	7.409E+06	0.000E+00	0.000E+00
201	1	0.00	15	-3.518E+04	3.221E+04	-1.903E+03	5.721E-03	-1.378E+05	7.388E+06	0.000E+00	0.000E+00
201	1	0.00	16	-3.519E+04	3.222E+04	-1.844E+03	5.039E-03	-1.360E+05	7.388E+06	0.000E+00	0.000E+00
201	2	127.25	1	2.961E+04	3.004E+04	1.134E+03	3.270E-02	-2.276E+05	1.137E+07	-3.986E-02	-2.065E-03
201	2	127.25	2	2.960E+04	3.004E+04	1.193E+03	3.202E-02	-2.333E+05	1.137E+07	-3.986E-02	-2.135E-03
201	2	127.25	3	3.375E+04	3.007E+04	-1.668E+03	5.740E-03	1.043E+05	1.136E+07	-3.981E-02	1.553E-03
201	2	127.25	4	3.375E+04	3.007E+04	-1.609E+03	5.058E-03	9.855E+04	1.136E+07	-3.981E-02	1.483E-03
201	2	127.25	5	2.995E+04	3.004E+04	1.017E+03	3.268E-02	-2.898E+05	1.137E+07	-3.986E-02	-2.408E-03
201	2	127.25	6	2.995E+04	3.004E+04	1.076E+03	3.200E-02	-2.955E+05	1.137E+07	-3.986E-02	-2.478E-03
201	2	127.25	7	3.410E+04	3.007E+04	-1.784E+03	5.721E-03	4.210E+04	1.136E+07	-3.982E-02	1.210E-03
201	2	127.25	8	3.409E+04	3.007E+04	-1.725E+03	5.040E-03	3.637E+04	1.136E+07	-3.981E-02	1.139E-03
201	2	127.25	9	-3.967E+04	3.003E+04	1.015E+03	3.270E-02	-2.659E+05	1.137E+07	-3.983E-02	-2.250E-03

201	2	127.25	10	-3.967E+04	3.003E+04	1.074E+03	3.202E-02	-2.716E+05	1.137E+07	-3.983E-02	-2.321E-03
201	2	127.25	11	-3.553E+04	3.006E+04	-1.786E+03	5.739E-03	6.599E+04	1.135E+07	-3.979E-02	1.368E-03
201	2	127.25	12	-3.553E+04	3.006E+04	-1.727E+03	5.058E-03	6.026E+04	1.135E+07	-3.979E-02	1.297E-03
201	2	127.25	13	-3.932E+04	3.003E+04	8.990E+02	3.268E-02	-3.281E+05	1.137E+07	-3.983E-02	-2.593E-03
201	2	127.25	14	-3.932E+04	3.003E+04	9.580E+02	3.200E-02	-3.338E+05	1.137E+07	-3.983E-02	-2.664E-03
201	2	127.25	15	-3.518E+04	3.006E+04	-1.903E+03	5.721E-03	3.811E+03	1.135E+07	-3.979E-02	1.024E-03
201	2	127.25	16	-3.518E+04	3.006E+04	-1.844E+03	5.039E-03	-1.920E+03	1.135E+07	-3.979E-02	9.540E-04
201	3	254.50	1	2.961E+04	2.789E+04	1.134E+03	3.270E-02	-3.606E+05	1.506E+07	-5.773E-02	-3.155E-03
201	3	254.50	2	2.961E+04	2.789E+04	1.193E+03	3.202E-02	-3.739E+05	1.506E+07	-5.773E-02	-3.271E-03
201	3	254.50	3	3.375E+04	2.792E+04	-1.668E+03	5.740E-03	3.053E+05	1.505E+07	-5.768E-02	2.670E-03
201	3	254.50	4	3.375E+04	2.792E+04	-1.609E+03	5.058E-03	2.920E+05	1.505E+07	-5.768E-02	2.554E-03
201	3	254.50	5	2.996E+04	2.789E+04	1.017E+03	3.268E-02	-4.080E+05	1.506E+07	-5.774E-02	-3.569E-03
201	3	254.50	6	2.995E+04	2.789E+04	1.076E+03	3.200E-02	-4.212E+05	1.506E+07	-5.773E-02	-3.685E-03
201	3	254.50	7	3.410E+04	2.792E+04	-1.784E+03	5.721E-03	2.579E+05	1.505E+07	-5.768E-02	2.256E-03
201	3	254.50	8	3.410E+04	2.792E+04	-1.725E+03	5.040E-03	2.446E+05	1.505E+07	-5.768E-02	2.140E-03
201	3	254.50	9	-3.967E+04	2.787E+04	1.015E+03	3.270E-02	-3.839E+05	1.505E+07	-5.770E-02	-3.358E-03
201	3	254.50	10	-3.967E+04	2.787E+04	1.074E+03	3.202E-02	-3.971E+05	1.505E+07	-5.770E-02	-3.474E-03
201	3	254.50	11	-3.553E+04	2.791E+04	-1.786E+03	5.739E-03	2.820E+05	1.504E+07	-5.765E-02	2.467E-03
201	3	254.50	12	-3.553E+04	2.791E+04	-1.727E+03	5.058E-03	2.688E+05	1.504E+07	-5.765E-02	2.351E-03
201	3	254.50	13	-3.932E+04	2.787E+04	8.990E+02	3.268E-02	-4.312E+05	1.505E+07	-5.770E-02	-3.772E-03
201	3	254.50	14	-3.932E+04	2.787E+04	9.580E+02	3.200E-02	-4.445E+05	1.505E+07	-5.770E-02	-3.888E-03
201	3	254.50	15	-3.518E+04	2.791E+04	-1.903E+03	5.721E-03	2.347E+05	1.504E+07	-5.765E-02	2.053E-03
201	3	254.50	16	-3.518E+04	2.791E+04	-1.844E+03	5.039E-03	2.214E+05	1.504E+07	-5.765E-02	1.937E-03
201	4	381.75	1	2.961E+04	2.573E+04	1.134E+03	3.270E-02	-5.014E+05	1.847E+07	-4.661E-02	-2.671E-03
201	4	381.75	2	2.961E+04	2.573E+04	1.193E+03	3.202E-02	-5.221E+05	1.847E+07	-4.661E-02	-2.775E-03
201	4	381.75	3	3.375E+04	2.576E+04	-1.668E+03	5.740E-03	5.139E+05	1.846E+07	-4.658E-02	2.457E-03
201	4	381.75	4	3.375E+04	2.577E+04	-1.609E+03	5.058E-03	4.932E+05	1.846E+07	-4.658E-02	2.354E-03
201	4	381.75	5	2.996E+04	2.573E+04	1.017E+03	3.268E-02	-5.339E+05	1.847E+07	-4.661E-02	-2.950E-03
201	4	381.75	6	2.996E+04	2.573E+04	1.076E+03	3.200E-02	-5.547E+05	1.847E+07	-4.661E-02	-3.053E-03
201	4	381.75	7	3.410E+04	2.577E+04	-1.784E+03	5.721E-03	4.814E+05	1.846E+07	-4.658E-02	2.178E-03
201	4	381.75	8	3.410E+04	2.577E+04	-1.725E+03	5.040E-03	4.606E+05	1.846E+07	-4.658E-02	2.075E-03
201	4	381.75	9	-3.967E+04	2.572E+04	1.015E+03	3.270E-02	-5.095E+05	1.846E+07	-4.659E-02	-2.791E-03
201	4	381.75	10	-3.967E+04	2.572E+04	1.074E+03	3.202E-02	-5.303E+05	1.846E+07	-4.659E-02	-2.894E-03
201	4	381.75	11	-3.553E+04	2.575E+04	-1.786E+03	5.739E-03	5.058E+05	1.845E+07	-4.656E-02	2.337E-03
201	4	381.75	12	-3.553E+04	2.575E+04	-1.727E+03	5.058E-03	4.850E+05	1.845E+07	-4.655E-02	2.234E-03
201	4	381.75	13	-3.932E+04	2.572E+04	8.990E+02	3.268E-02	-5.421E+05	1.846E+07	-4.659E-02	-3.069E-03
201	4	381.75	14	-3.932E+04	2.572E+04	9.580E+02	3.200E-02	-5.628E+05	1.846E+07	-4.659E-02	-3.173E-03
201	4	381.75	15	-3.518E+04	2.575E+04	-1.903E+03	5.721E-03	4.732E+05	1.845E+07	-4.656E-02	2.059E-03
201	4	381.75	16	-3.518E+04	2.575E+04	-1.844E+03	5.039E-03	4.525E+05	1.845E+07	-4.655E-02	1.956E-03
201	5	509.00	1	2.961E+04	2.358E+04	1.134E+03	3.270E-02	-6.439E+05	2.161E+07	2.691E-09	3.346E-10
201	5	509.00	2	2.961E+04	2.358E+04	1.193E+03	3.202E-02	-6.722E+05	2.161E+07	2.691E-09	3.253E-10
201	5	509.00	3	3.375E+04	2.361E+04	-1.668E+03	5.740E-03	7.245E+05	2.160E+07	2.702E-09	-3.544E-10
201	5	509.00	4	3.375E+04	2.361E+04	-1.609E+03	5.058E-03	6.962E+05	2.160E+07	2.702E-09	-3.637E-10
201	5	509.00	5	2.996E+04	2.358E+04	1.017E+03	3.268E-02	-6.617E+05	2.161E+07	2.691E-09	2.791E-10
201	5	509.00	6	2.996E+04	2.358E+04	1.076E+03	3.200E-02	-6.900E+05	2.161E+07	2.691E-09	2.698E-10
201	5	509.00	7	3.410E+04	2.361E+04	-1.784E+03	5.721E-03	7.067E+05	2.160E+07	2.702E-09	-4.099E-10
201	5	509.00	8	3.410E+04	2.361E+04	-1.725E+03	5.040E-03	6.785E+05	2.160E+07	2.703E-09	-4.192E-10
201	5	509.00	9	-3.966E+04	2.357E+04	1.015E+03	3.270E-02	-6.370E+05	2.160E+07	2.699E-09	3.403E-10
201	5	509.00	10	-3.967E+04	2.357E+04	1.074E+03	3.202E-02	-6.653E+05	2.160E+07	2.699E-09	3.310E-10
201	5	509.00	11	-3.552E+04	2.360E+04	-1.786E+03	5.739E-03	7.314E+05	2.159E+07	2.710E-09	-3.487E-10
201	5	509.00	12	-3.553E+04	2.360E+04	-1.727E+03	5.058E-03	7.031E+05	2.159E+07	2.710E-09	-3.580E-10
201	5	509.00	13	-3.932E+04	2.357E+04	8.990E+02	3.268E-02	-6.548E+05	2.160E+07	2.699E-09	2.847E-10
201	5	509.00	14	-3.932E+04	2.357E+04	9.580E+02	3.200E-02	-6.830E+05	2.160E+07	2.699E-09	2.755E-10
201	5	509.00	15	-3.517E+04	2.360E+04	-1.903E+03	5.721E-03	7.136E+05	2.159E+07	2.710E-09	-4.042E-10
201	5	509.00	16	-3.518E+04	2.360E+04	-1.844E+03	5.039E-03	6.854E+05	2.159E+07	2.710E-09	-4.135E-10
202	1	0.00	1	3.409E+04	3.223E+04	1.725E+03	-5.040E-03	8.269E+04	7.393E+06	0.000E+00	0.000E+00
202	1	0.00	2	3.409E+04	3.223E+04	1.784E+03	-5.721E-03	8.447E+04	7.394E+06	0.000E+00	0.000E+00
202	1	0.00	3	2.995E+04	3.220E+04	-1.076E+03	-3.200E-02	2.590E+05	7.414E+06	0.000E+00	0.000E+00
202	1	0.00	4	2.995E+04	3.219E+04	-1.017E+03	-3.268E-02	2.608E+05	7.415E+06	0.000E+00	0.000E+00
202	1	0.00	5	3.374E+04	3.223E+04	1.609E+03	-5.058E-03	5.697E+03	7.393E+06	0.000E+00	0.000E+00
202	1	0.00	6	3.375E+04	3.223E+04	1.668E+03	-5.740E-03	7.475E+03	7.393E+06	0.000E+00	0.000E+00
202	1	0.00	7	2.960E+04	3.220E+04	-1.193E+03	-3.202E-02	1.820E+05	7.414E+06	0.000E+00	0.000E+00

202	1	0.00	8	2.960E+04	3.219E+04	-1.134E+03	-3.270E-02	1.838E+05	7.415E+06	0.000E+00	0.000E+00
202	1	0.00	9	-3.519E+04	3.222E+04	1.844E+03	-5.039E-03	1.360E+05	7.388E+06	0.000E+00	0.000E+00
202	1	0.00	10	-3.518E+04	3.221E+04	1.903E+03	-5.721E-03	1.378E+05	7.388E+06	0.000E+00	0.000E+00
202	1	0.00	11	-3.933E+04	3.218E+04	-9.580E+02	-3.200E-02	3.124E+05	7.409E+06	0.000E+00	0.000E+00
202	1	0.00	12	-3.932E+04	3.218E+04	-8.990E+02	-3.268E-02	3.141E+05	7.410E+06	0.000E+00	0.000E+00
202	1	0.00	13	-3.553E+04	3.221E+04	1.727E+03	-5.058E-03	5.906E+04	7.388E+06	0.000E+00	0.000E+00
202	1	0.00	14	-3.553E+04	3.221E+04	1.786E+03	-5.739E-03	6.084E+04	7.388E+06	0.000E+00	0.000E+00
202	1	0.00	15	-3.968E+04	3.218E+04	-1.074E+03	-3.202E-02	2.354E+05	7.409E+06	0.000E+00	0.000E+00
202	1	0.00	16	-3.967E+04	3.218E+04	-1.015E+03	-3.270E-02	2.372E+05	7.410E+06	0.000E+00	0.000E+00
202	2	127.25	1	3.409E+04	3.007E+04	1.725E+03	-5.040E-03	-3.637E+04	1.136E+07	-3.981E-02	-1.139E-03
202	2	127.25	2	3.410E+04	3.007E+04	1.784E+03	-5.721E-03	-4.210E+04	1.136E+07	-3.982E-02	-1.210E-03
202	2	127.25	3	2.995E+04	3.004E+04	-1.076E+03	-3.200E-02	2.955E+05	1.137E+07	-3.986E-02	2.478E-03
202	2	127.25	4	2.995E+04	3.004E+04	-1.017E+03	-3.268E-02	2.898E+05	1.137E+07	-3.986E-02	2.408E-03
202	2	127.25	5	3.375E+04	3.007E+04	1.609E+03	-5.058E-03	-9.855E+04	1.136E+07	-3.981E-02	-1.483E-03
202	2	127.25	6	3.375E+04	3.007E+04	1.668E+03	-5.740E-03	-1.043E+05	1.136E+07	-3.981E-02	-1.553E-03
202	2	127.25	7	2.960E+04	3.004E+04	-1.193E+03	-3.202E-02	2.333E+05	1.137E+07	-3.986E-02	2.135E-03
202	2	127.25	8	2.961E+04	3.004E+04	-1.134E+03	-3.270E-02	2.276E+05	1.137E+07	-3.986E-02	2.065E-03
202	2	127.25	9	-3.518E+04	3.006E+04	1.844E+03	-5.039E-03	1.920E+03	1.135E+07	-3.979E-02	-9.540E-04
202	2	127.25	10	-3.518E+04	3.006E+04	1.903E+03	-5.721E-03	-3.811E+03	1.135E+07	-3.979E-02	-1.024E-03
202	2	127.25	11	-3.932E+04	3.003E+04	-9.580E+02	-3.200E-02	3.338E+05	1.137E+07	-3.983E-02	2.664E-03
202	2	127.25	12	-3.932E+04	3.003E+04	-8.990E+02	-3.268E-02	3.281E+05	1.137E+07	-3.983E-02	2.593E-03
202	2	127.25	13	-3.553E+04	3.006E+04	1.727E+03	-5.058E-03	-6.026E+04	1.135E+07	-3.979E-02	-1.297E-03
202	2	127.25	14	-3.553E+04	3.006E+04	1.786E+03	-5.739E-03	-6.599E+04	1.135E+07	-3.979E-02	-1.368E-03
202	2	127.25	15	-3.967E+04	3.003E+04	-1.074E+03	-3.202E-02	2.716E+05	1.137E+07	-3.983E-02	2.321E-03
202	2	127.25	16	-3.967E+04	3.003E+04	-1.015E+03	-3.270E-02	2.659E+05	1.137E+07	-3.983E-02	2.250E-03
202	3	254.50	1	3.410E+04	2.792E+04	1.725E+03	-5.040E-03	-2.446E+05	1.505E+07	-5.768E-02	-2.140E-03
202	3	254.50	2	3.410E+04	2.792E+04	1.784E+03	-5.721E-03	-2.579E+05	1.505E+07	-5.768E-02	-2.256E-03
202	3	254.50	3	2.995E+04	2.789E+04	-1.076E+03	-3.200E-02	4.212E+05	1.506E+07	-5.773E-02	3.685E-03
202	3	254.50	4	2.996E+04	2.789E+04	-1.017E+03	-3.268E-02	4.080E+05	1.506E+07	-5.774E-02	3.569E-03
202	3	254.50	5	3.375E+04	2.792E+04	1.609E+03	-5.058E-03	-2.920E+05	1.505E+07	-5.768E-02	-2.554E-03
202	3	254.50	6	3.375E+04	2.792E+04	1.668E+03	-5.740E-03	-3.053E+05	1.505E+07	-5.768E-02	-2.670E-03
202	3	254.50	7	2.961E+04	2.789E+04	-1.193E+03	-3.202E-02	3.739E+05	1.506E+07	-5.773E-02	3.271E-03
202	3	254.50	8	2.961E+04	2.789E+04	-1.134E+03	-3.270E-02	3.606E+05	1.506E+07	-5.773E-02	3.155E-03
202	3	254.50	9	-3.518E+04	2.791E+04	1.844E+03	-5.039E-03	-2.214E+05	1.504E+07	-5.765E-02	-1.937E-03
202	3	254.50	10	-3.518E+04	2.791E+04	1.903E+03	-5.721E-03	-2.347E+05	1.504E+07	-5.765E-02	-2.053E-03
202	3	254.50	11	-3.932E+04	2.787E+04	-9.580E+02	-3.200E-02	4.445E+05	1.505E+07	-5.770E-02	3.888E-03
202	3	254.50	12	-3.932E+04	2.787E+04	-8.990E+02	-3.268E-02	4.312E+05	1.505E+07	-5.770E-02	3.772E-03
202	3	254.50	13	-3.553E+04	2.791E+04	1.727E+03	-5.058E-03	-2.688E+05	1.504E+07	-5.765E-02	-2.351E-03
202	3	254.50	14	-3.553E+04	2.791E+04	1.786E+03	-5.739E-03	-2.820E+05	1.504E+07	-5.765E-02	-2.467E-03
202	3	254.50	15	-3.967E+04	2.787E+04	-1.074E+03	-3.202E-02	3.971E+05	1.505E+07	-5.770E-02	3.474E-03
202	3	254.50	16	-3.967E+04	2.787E+04	-1.015E+03	-3.270E-02	3.839E+05	1.505E+07	-5.770E-02	3.358E-03
202	4	381.75	1	3.410E+04	2.577E+04	1.725E+03	-5.040E-03	-4.606E+05	1.846E+07	-4.658E-02	-2.075E-03
202	4	381.75	2	3.410E+04	2.577E+04	1.784E+03	-5.721E-03	-4.814E+05	1.846E+07	-4.658E-02	-2.178E-03
202	4	381.75	3	2.996E+04	2.573E+04	-1.076E+03	-3.200E-02	5.547E+05	1.847E+07	-4.661E-02	3.053E-03
202	4	381.75	4	2.996E+04	2.573E+04	-1.017E+03	-3.268E-02	5.339E+05	1.847E+07	-4.661E-02	2.950E-03
202	4	381.75	5	3.375E+04	2.577E+04	1.609E+03	-5.058E-03	-4.932E+05	1.846E+07	-4.658E-02	-2.354E-03
202	4	381.75	6	3.375E+04	2.576E+04	1.668E+03	-5.740E-03	-5.139E+05	1.846E+07	-4.658E-02	-2.457E-03
202	4	381.75	7	2.961E+04	2.573E+04	-1.193E+03	-3.202E-02	5.221E+05	1.847E+07	-4.661E-02	2.775E-03
202	4	381.75	8	2.961E+04	2.573E+04	-1.134E+03	-3.270E-02	5.014E+05	1.847E+07	-4.661E-02	2.671E-03
202	4	381.75	9	-3.518E+04	2.575E+04	1.844E+03	-5.039E-03	-4.525E+05	1.845E+07	-4.655E-02	-1.956E-03
202	4	381.75	10	-3.518E+04	2.575E+04	1.903E+03	-5.721E-03	-4.732E+05	1.845E+07	-4.656E-02	-2.059E-03
202	4	381.75	11	-3.932E+04	2.572E+04	-9.580E+02	-3.200E-02	5.628E+05	1.846E+07	-4.659E-02	3.173E-03
202	4	381.75	12	-3.932E+04	2.572E+04	-8.990E+02	-3.268E-02	5.421E+05	1.846E+07	-4.659E-02	3.069E-03
202	4	381.75	13	-3.553E+04	2.575E+04	1.727E+03	-5.058E-03	-4.850E+05	1.845E+07	-4.655E-02	-2.234E-03
202	4	381.75	14	-3.553E+04	2.575E+04	1.786E+03	-5.739E-03	-5.058E+05	1.845E+07	-4.656E-02	-2.337E-03
202	4	381.75	15	-3.967E+04	2.572E+04	-1.074E+03	-3.202E-02	5.303E+05	1.846E+07	-4.659E-02	2.894E-03
202	4	381.75	16	-3.967E+04	2.572E+04	-1.015E+03	-3.270E-02	5.095E+05	1.846E+07	-4.659E-02	2.791E-03
202	5	509.00	1	3.410E+04	2.361E+04	1.725E+03	-5.040E-03	-6.785E+05	2.160E+07	2.702E-09	4.192E-10
202	5	509.00	2	3.410E+04	2.361E+04	1.784E+03	-5.721E-03	-7.067E+05	2.160E+07	2.702E-09	4.099E-10
202	5	509.00	3	2.996E+04	2.358E+04	-1.076E+03	-3.200E-02	6.900E+05	2.161E+07	2.691E-09	-2.698E-10
202	5	509.00	4	2.996E+04	2.358E+04	-1.017E+03	-3.268E-02	6.617E+05	2.161E+07	2.691E-09	-2.791E-10
202	5	509.00	5	3.375E+04	2.361E+04	1.609E+03	-5.058E-03	-6.962E+05	2.160E+07	2.702E-09	3.636E-10

202	5	509.00	6	3.375E+04	2.361E+04	1.668E+03	-5.740E-03	-7.245E+05	2.160E+07	2.702E-09	3.543E-10
202	5	509.00	7	2.961E+04	2.358E+04	-1.193E+03	-3.202E-02	6.722E+05	2.161E+07	2.691E-09	-3.254E-10
202	5	509.00	8	2.961E+04	2.358E+04	-1.134E+03	-3.270E-02	6.439E+05	2.161E+07	2.691E-09	-3.346E-10
202	5	509.00	9	-3.518E+04	2.360E+04	1.844E+03	-5.039E-03	-6.854E+05	2.159E+07	2.710E-09	4.135E-10
202	5	509.00	10	-3.517E+04	2.360E+04	1.903E+03	-5.721E-03	-7.136E+05	2.159E+07	2.710E-09	4.043E-10
202	5	509.00	11	-3.932E+04	2.357E+04	-9.580E+02	-3.200E-02	6.830E+05	2.160E+07	2.699E-09	-2.754E-10
202	5	509.00	12	-3.932E+04	2.357E+04	-8.990E+02	-3.268E-02	6.548E+05	2.160E+07	2.699E-09	-2.847E-10
202	5	509.00	13	-3.553E+04	2.360E+04	1.727E+03	-5.058E-03	-7.031E+05	2.159E+07	2.710E-09	3.580E-10
202	5	509.00	14	-3.552E+04	2.360E+04	1.786E+03	-5.739E-03	-7.314E+05	2.159E+07	2.710E-09	3.487E-10
202	5	509.00	15	-3.967E+04	2.357E+04	-1.074E+03	-3.202E-02	6.653E+05	2.160E+07	2.699E-09	-3.310E-10
202	5	509.00	16	-3.966E+04	2.357E+04	-1.015E+03	-3.270E-02	6.370E+05	2.160E+07	2.699E-09	-3.403E-10
203	1	0.00	1	2.519E+04	1.397E+04	6.695E+02	2.344E-02	-5.720E+05	2.161E+07	0.000E+00	0.000E+00
203	1	0.00	2	2.517E+04	1.397E+04	6.899E+02	2.275E-02	-5.970E+05	2.161E+07	0.000E+00	0.000E+00
203	1	0.00	3	2.942E+04	1.401E+04	-4.976E+02	-3.917E-03	6.760E+05	2.160E+07	0.000E+00	0.000E+00
203	1	0.00	4	2.940E+04	1.401E+04	-4.772E+02	-4.609E-03	6.510E+05	2.160E+07	0.000E+00	0.000E+00
203	1	0.00	5	2.535E+04	1.397E+04	5.532E+02	2.344E-02	-6.169E+05	2.161E+07	0.000E+00	0.000E+00
203	1	0.00	6	2.532E+04	1.397E+04	5.735E+02	2.275E-02	-6.419E+05	2.161E+07	0.000E+00	0.000E+00
203	1	0.00	7	2.958E+04	1.401E+04	-6.139E+02	-3.920E-03	6.310E+05	2.160E+07	0.000E+00	0.000E+00
203	1	0.00	8	2.955E+04	1.401E+04	-5.936E+02	-4.611E-03	6.061E+05	2.160E+07	0.000E+00	0.000E+00
203	1	0.00	9	-3.510E+04	1.397E+04	6.836E+02	2.344E-02	-5.652E+05	2.160E+07	0.000E+00	0.000E+00
203	1	0.00	10	-3.512E+04	1.397E+04	7.040E+02	2.275E-02	-5.901E+05	2.160E+07	0.000E+00	0.000E+00
203	1	0.00	11	-3.087E+04	1.400E+04	-4.835E+02	-3.918E-03	6.828E+05	2.159E+07	0.000E+00	0.000E+00
203	1	0.00	12	-3.089E+04	1.400E+04	-4.631E+02	-4.609E-03	6.578E+05	2.159E+07	0.000E+00	0.000E+00
203	1	0.00	13	-3.495E+04	1.397E+04	5.672E+02	2.344E-02	-6.101E+05	2.160E+07	0.000E+00	0.000E+00
203	1	0.00	14	-3.497E+04	1.397E+04	5.876E+02	2.275E-02	-6.351E+05	2.160E+07	0.000E+00	0.000E+00
203	1	0.00	15	-3.072E+04	1.400E+04	-5.999E+02	-3.920E-03	6.379E+05	2.159E+07	0.000E+00	0.000E+00
203	1	0.00	16	-3.074E+04	1.400E+04	-5.795E+02	-4.611E-03	6.129E+05	2.159E+07	0.000E+00	0.000E+00
203	2	127.50	1	2.520E+04	1.182E+04	6.695E+02	2.344E-02	-6.512E+05	2.326E+07	-6.966E-02	-4.642E-03
203	2	127.50	2	2.517E+04	1.182E+04	6.899E+02	2.275E-02	-6.788E+05	2.326E+07	-6.966E-02	-4.835E-03
203	2	127.50	3	2.943E+04	1.185E+04	-4.976E+02	-3.917E-03	7.333E+05	2.325E+07	-6.964E-02	5.086E-03
203	2	127.50	4	2.940E+04	1.185E+04	-4.772E+02	-4.609E-03	7.057E+05	2.325E+07	-6.964E-02	4.893E-03
203	2	127.50	5	2.535E+04	1.182E+04	5.532E+02	2.344E-02	-6.813E+05	2.326E+07	-6.966E-02	-4.775E-03
203	2	127.50	6	2.533E+04	1.182E+04	5.735E+02	2.275E-02	-7.089E+05	2.326E+07	-6.966E-02	-4.968E-03
203	2	127.50	7	2.958E+04	1.185E+04	-6.139E+02	-3.920E-03	7.032E+05	2.325E+07	-6.964E-02	4.953E-03
203	2	127.50	8	2.955E+04	1.185E+04	-5.936E+02	-4.611E-03	6.756E+05	2.325E+07	-6.964E-02	4.760E-03
203	2	127.50	9	-3.510E+04	1.181E+04	6.836E+02	2.344E-02	-6.462E+05	2.324E+07	-6.962E-02	-4.616E-03
203	2	127.50	10	-3.512E+04	1.181E+04	7.040E+02	2.275E-02	-6.738E+05	2.324E+07	-6.962E-02	-4.809E-03
203	2	127.50	11	-3.087E+04	1.184E+04	-4.835E+02	-3.918E-03	7.383E+05	2.324E+07	-6.961E-02	5.111E-03
203	2	127.50	12	-3.089E+04	1.184E+04	-4.631E+02	-4.609E-03	7.107E+05	2.324E+07	-6.961E-02	4.918E-03
203	2	127.50	13	-3.494E+04	1.181E+04	5.672E+02	2.344E-02	-6.763E+05	2.325E+07	-6.963E-02	-4.749E-03
203	2	127.50	14	-3.497E+04	1.181E+04	5.876E+02	2.275E-02	-7.038E+05	2.325E+07	-6.963E-02	-4.942E-03
203	2	127.50	15	-3.071E+04	1.184E+04	-5.999E+02	-3.920E-03	7.082E+05	2.324E+07	-6.961E-02	4.978E-03
203	2	127.50	16	-3.074E+04	1.185E+04	-5.795E+02	-4.611E-03	6.807E+05	2.324E+07	-6.961E-02	4.785E-03
203	3	255.00	1	2.520E+04	9.657E+03	6.695E+02	2.344E-02	-7.316E+05	2.463E+07	-9.454E-02	-6.425E-03
203	3	255.00	2	2.518E+04	9.658E+03	6.899E+02	2.275E-02	-7.618E+05	2.463E+07	-9.454E-02	-6.690E-03
203	3	255.00	3	2.943E+04	9.690E+03	-4.976E+02	-3.917E-03	7.917E+05	2.462E+07	-9.452E-02	6.953E-03
203	3	255.00	4	2.940E+04	9.690E+03	-4.772E+02	-4.609E-03	7.615E+05	2.462E+07	-9.452E-02	6.688E-03
203	3	255.00	5	2.535E+04	9.657E+03	5.532E+02	2.344E-02	-7.469E+05	2.463E+07	-9.454E-02	-6.559E-03
203	3	255.00	6	2.533E+04	9.658E+03	5.735E+02	2.275E-02	-7.770E+05	2.463E+07	-9.454E-02	-6.824E-03
203	3	255.00	7	2.958E+04	9.690E+03	-6.139E+02	-3.920E-03	7.765E+05	2.462E+07	-9.452E-02	6.819E-03
203	3	255.00	8	2.956E+04	9.691E+03	-5.936E+02	-4.611E-03	7.463E+05	2.462E+07	-9.452E-02	6.554E-03
203	3	255.00	9	-3.509E+04	9.654E+03	6.836E+02	2.344E-02	-7.284E+05	2.461E+07	-9.449E-02	-6.397E-03
203	3	255.00	10	-3.512E+04	9.654E+03	7.040E+02	2.275E-02	-7.585E+05	2.461E+07	-9.449E-02	-6.662E-03
203	3	255.00	11	-3.086E+04	9.686E+03	-4.835E+02	-3.918E-03	7.950E+05	2.461E+07	-9.447E-02	6.982E-03
203	3	255.00	12	-3.089E+04	9.687E+03	-4.631E+02	-4.609E-03	7.648E+05	2.461E+07	-9.447E-02	6.717E-03
203	3	255.00	13	-3.494E+04	9.654E+03	5.672E+02	2.344E-02	-7.436E+05	2.461E+07	-9.449E-02	-6.530E-03
203	3	255.00	14	-3.497E+04	9.655E+03	5.876E+02	2.275E-02	-7.738E+05	2.461E+07	-9.449E-02	-6.795E-03
203	3	255.00	15	-3.071E+04	9.686E+03	-5.999E+02	-3.920E-03	7.797E+05	2.461E+07	-9.447E-02	6.848E-03
203	3	255.00	16	-3.074E+04	9.687E+03	-5.795E+02	-4.611E-03	7.496E+05	2.461E+07	-9.447E-02	6.583E-03
203	4	382.50	1	2.520E+04	7.499E+03	6.695E+02	2.344E-02	-8.129E+05	2.572E+07	-7.201E-02	-4.997E-03
203	4	382.50	2	2.518E+04	7.500E+03	6.899E+02	2.275E-02	-8.456E+05	2.572E+07	-7.201E-02	-5.201E-03
203	4	382.50	3	2.943E+04	7.531E+03	-4.976E+02	-3.917E-03	8.510E+05	2.572E+07	-7.200E-02	5.344E-03

203	4	382.50	4	2.941E+04	7.532E+03	-4.772E+02	-4.609E-03	8.183E+05	2.572E+07	-7.200E-02	5.140E-03
203	4	382.50	5	2.535E+04	7.499E+03	5.532E+02	2.344E-02	-8.133E+05	2.572E+07	-7.201E-02	-5.065E-03
203	4	382.50	6	2.533E+04	7.500E+03	5.735E+02	2.275E-02	-8.460E+05	2.572E+07	-7.201E-02	-5.269E-03
203	4	382.50	7	2.958E+04	7.532E+03	-6.139E+02	-3.920E-03	8.506E+05	2.572E+07	-7.201E-02	5.277E-03
203	4	382.50	8	2.956E+04	7.532E+03	-5.936E+02	-4.611E-03	8.179E+05	2.572E+07	-7.201E-02	5.072E-03
203	4	382.50	9	-3.509E+04	7.495E+03	6.836E+02	2.344E-02	-8.114E+05	2.571E+07	-7.198E-02	-4.979E-03
203	4	382.50	10	-3.512E+04	7.496E+03	7.040E+02	2.275E-02	-8.442E+05	2.571E+07	-7.198E-02	-5.184E-03
203	4	382.50	11	-3.086E+04	7.528E+03	-4.835E+02	-3.918E-03	8.525E+05	2.571E+07	-7.197E-02	5.362E-03
203	4	382.50	12	-3.089E+04	7.528E+03	-4.631E+02	-4.609E-03	8.197E+05	2.571E+07	-7.197E-02	5.157E-03
203	4	382.50	13	-3.494E+04	7.495E+03	5.672E+02	2.344E-02	-8.118E+05	2.571E+07	-7.198E-02	-5.047E-03
203	4	382.50	14	-3.496E+04	7.496E+03	5.876E+02	2.275E-02	-8.446E+05	2.571E+07	-7.198E-02	-5.251E-03
203	4	382.50	15	-3.071E+04	7.528E+03	-5.999E+02	-3.920E-03	8.521E+05	2.571E+07	-7.197E-02	5.294E-03
203	4	382.50	16	-3.073E+04	7.529E+03	-5.795E+02	-4.611E-03	8.193E+05	2.571E+07	-7.197E-02	5.090E-03
203	5	510.00	1	2.520E+04	5.341E+03	6.695E+02	2.344E-02	-8.948E+05	2.654E+07	-1.006E-08	-8.479E-10
203	5	510.00	2	2.518E+04	5.342E+03	6.899E+02	2.275E-02	-9.301E+05	2.654E+07	-1.006E-08	-8.188E-10
203	5	510.00	3	2.943E+04	5.373E+03	-4.976E+02	-3.917E-03	9.110E+05	2.654E+07	-1.005E-08	7.870E-10
203	5	510.00	4	2.941E+04	5.374E+03	-4.772E+02	-4.609E-03	8.756E+05	2.654E+07	-1.005E-08	8.160E-10
203	5	510.00	5	2.536E+04	5.341E+03	5.532E+02	2.344E-02	-8.803E+05	2.654E+07	-1.006E-08	-8.325E-10
203	5	510.00	6	2.533E+04	5.342E+03	5.735E+02	2.275E-02	-9.157E+05	2.654E+07	-1.006E-08	-8.034E-10
203	5	510.00	7	2.958E+04	5.373E+03	-6.139E+02	-3.920E-03	9.254E+05	2.654E+07	-1.005E-08	8.023E-10
203	5	510.00	8	2.956E+04	5.374E+03	-5.936E+02	-4.611E-03	8.901E+05	2.654E+07	-1.005E-08	8.314E-10
203	5	510.00	9	-3.509E+04	5.337E+03	6.836E+02	2.344E-02	-8.951E+05	2.652E+07	-1.006E-08	-8.405E-10
203	5	510.00	10	-3.511E+04	5.338E+03	7.040E+02	2.275E-02	-9.305E+05	2.652E+07	-1.006E-08	-8.115E-10
203	5	510.00	11	-3.086E+04	5.369E+03	-4.835E+02	-3.918E-03	9.107E+05	2.653E+07	-1.005E-08	7.943E-10
203	5	510.00	12	-3.088E+04	5.370E+03	-4.631E+02	-4.609E-03	8.753E+05	2.653E+07	-1.005E-08	8.234E-10
203	5	510.00	13	-3.494E+04	5.337E+03	5.672E+02	2.344E-02	-8.807E+05	2.653E+07	-1.006E-08	-8.252E-10
203	5	510.00	14	-3.496E+04	5.338E+03	5.876E+02	2.275E-02	-9.160E+05	2.653E+07	-1.006E-08	-7.961E-10
203	5	510.00	15	-3.071E+04	5.370E+03	-5.999E+02	-3.920E-03	9.251E+05	2.653E+07	-1.005E-08	8.097E-10
203	5	510.00	16	-3.073E+04	5.370E+03	-5.795E+02	-4.611E-03	8.898E+05	2.653E+07	-1.005E-08	8.387E-10
204	1	0.00	1	2.955E+04	1.401E+04	5.936E+02	4.611E-03	-6.061E+05	2.160E+07	0.000E+00	0.000E+00
204	1	0.00	2	2.958E+04	1.401E+04	6.139E+02	3.920E-03	-6.310E+05	2.160E+07	0.000E+00	0.000E+00
204	1	0.00	3	2.532E+04	1.397E+04	-5.735E+02	-2.275E-02	6.419E+05	2.161E+07	0.000E+00	0.000E+00
204	1	0.00	4	2.535E+04	1.397E+04	-5.532E+02	-2.344E-02	6.169E+05	2.161E+07	0.000E+00	0.000E+00
204	1	0.00	5	2.940E+04	1.401E+04	4.772E+02	4.609E-03	-6.510E+05	2.160E+07	0.000E+00	0.000E+00
204	1	0.00	6	2.942E+04	1.401E+04	4.976E+02	3.917E-03	-6.760E+05	2.160E+07	0.000E+00	0.000E+00
204	1	0.00	7	2.517E+04	1.397E+04	-6.899E+02	-2.275E-02	5.970E+05	2.161E+07	0.000E+00	0.000E+00
204	1	0.00	8	2.519E+04	1.397E+04	-6.695E+02	-2.344E-02	5.720E+05	2.161E+07	0.000E+00	0.000E+00
204	1	0.00	9	-3.074E+04	1.400E+04	5.795E+02	4.611E-03	-6.129E+05	2.159E+07	0.000E+00	0.000E+00
204	1	0.00	10	-3.072E+04	1.400E+04	5.999E+02	3.920E-03	-6.379E+05	2.159E+07	0.000E+00	0.000E+00
204	1	0.00	11	-3.497E+04	1.397E+04	-5.876E+02	-2.275E-02	6.351E+05	2.160E+07	0.000E+00	0.000E+00
204	1	0.00	12	-3.495E+04	1.397E+04	-5.672E+02	-2.344E-02	6.101E+05	2.160E+07	0.000E+00	0.000E+00
204	1	0.00	13	-3.089E+04	1.400E+04	4.631E+02	4.609E-03	-6.578E+05	2.159E+07	0.000E+00	0.000E+00
204	1	0.00	14	-3.087E+04	1.400E+04	4.835E+02	3.918E-03	-6.828E+05	2.159E+07	0.000E+00	0.000E+00
204	1	0.00	15	-3.512E+04	1.397E+04	-7.040E+02	-2.275E-02	5.901E+05	2.160E+07	0.000E+00	0.000E+00
204	1	0.00	16	-3.510E+04	1.397E+04	-6.836E+02	-2.344E-02	5.652E+05	2.160E+07	0.000E+00	0.000E+00
204	2	127.50	1	2.955E+04	1.185E+04	5.936E+02	4.611E-03	-6.756E+05	2.325E+07	-6.964E-02	-4.760E-03
204	2	127.50	2	2.958E+04	1.185E+04	6.139E+02	3.920E-03	-7.032E+05	2.325E+07	-6.964E-02	-4.953E-03
204	2	127.50	3	2.533E+04	1.182E+04	-5.735E+02	-2.275E-02	7.089E+05	2.326E+07	-6.966E-02	4.968E-03
204	2	127.50	4	2.535E+04	1.182E+04	-5.532E+02	-2.344E-02	6.813E+05	2.326E+07	-6.966E-02	4.775E-03
204	2	127.50	5	2.940E+04	1.185E+04	4.772E+02	4.609E-03	-7.057E+05	2.325E+07	-6.964E-02	-4.893E-03
204	2	127.50	6	2.943E+04	1.185E+04	4.976E+02	3.917E-03	-7.333E+05	2.325E+07	-6.964E-02	-5.086E-03
204	2	127.50	7	2.517E+04	1.182E+04	-6.899E+02	-2.275E-02	6.788E+05	2.326E+07	-6.966E-02	4.835E-03
204	2	127.50	8	2.520E+04	1.182E+04	-6.695E+02	-2.344E-02	6.512E+05	2.326E+07	-6.966E-02	4.642E-03
204	2	127.50	9	-3.074E+04	1.185E+04	5.795E+02	4.611E-03	-6.807E+05	2.324E+07	-6.961E-02	-4.785E-03
204	2	127.50	10	-3.071E+04	1.184E+04	5.999E+02	3.920E-03	-7.082E+05	2.324E+07	-6.961E-02	-4.978E-03
204	2	127.50	11	-3.497E+04	1.181E+04	-5.876E+02	-2.275E-02	7.038E+05	2.325E+07	-6.963E-02	4.942E-03
204	2	127.50	12	-3.494E+04	1.181E+04	-5.672E+02	-2.344E-02	6.763E+05	2.325E+07	-6.963E-02	4.749E-03
204	2	127.50	13	-3.089E+04	1.184E+04	4.631E+02	4.609E-03	-7.107E+05	2.324E+07	-6.961E-02	-4.918E-03
204	2	127.50	14	-3.087E+04	1.184E+04	4.835E+02	3.918E-03	-7.383E+05	2.324E+07	-6.961E-02	-5.111E-03
204	2	127.50	15	-3.512E+04	1.181E+04	-7.040E+02	-2.275E-02	6.738E+05	2.324E+07	-6.962E-02	4.809E-03
204	2	127.50	16	-3.510E+04	1.181E+04	-6.836E+02	-2.344E-02	6.462E+05	2.324E+07	-6.962E-02	4.616E-03
204	3	255.00	1	2.956E+04	9.691E+03	5.936E+02	4.611E-03	-7.463E+05	2.462E+07	-9.452E-02	-6.554E-03

204	3	255.00	2	2.958E+04	9.690E+03	6.139E+02	3.920E-03	-7.765E+05	2.462E+07	-9.452E-02	-6.819E-03
204	3	255.00	3	2.533E+04	9.658E+03	-5.735E+02	-2.275E-02	7.770E+05	2.463E+07	-9.454E-02	6.824E-03
204	3	255.00	4	2.535E+04	9.657E+03	-5.532E+02	-2.344E-02	7.469E+05	2.463E+07	-9.454E-02	6.559E-03
204	3	255.00	5	2.940E+04	9.690E+03	4.772E+02	4.609E-03	-7.615E+05	2.462E+07	-9.452E-02	-6.688E-03
204	3	255.00	6	2.943E+04	9.690E+03	4.976E+02	3.917E-03	-7.917E+05	2.462E+07	-9.452E-02	-6.953E-03
204	3	255.00	7	2.518E+04	9.658E+03	-6.899E+02	-2.275E-02	7.618E+05	2.463E+07	-9.454E-02	6.690E-03
204	3	255.00	8	2.520E+04	9.657E+03	-6.695E+02	-2.344E-02	7.316E+05	2.463E+07	-9.454E-02	6.425E-03
204	3	255.00	9	-3.074E+04	9.687E+03	5.795E+02	4.611E-03	-7.496E+05	2.461E+07	-9.447E-02	-6.583E-03
204	3	255.00	10	-3.071E+04	9.686E+03	5.999E+02	3.920E-03	-7.797E+05	2.461E+07	-9.447E-02	-6.848E-03
204	3	255.00	11	-3.497E+04	9.655E+03	-5.876E+02	-2.275E-02	7.738E+05	2.461E+07	-9.449E-02	6.795E-03
204	3	255.00	12	-3.494E+04	9.654E+03	-5.672E+02	-2.344E-02	7.436E+05	2.461E+07	-9.449E-02	6.530E-03
204	3	255.00	13	-3.089E+04	9.687E+03	4.631E+02	4.609E-03	-7.648E+05	2.461E+07	-9.447E-02	-6.717E-03
204	3	255.00	14	-3.086E+04	9.686E+03	4.835E+02	3.918E-03	-7.950E+05	2.461E+07	-9.447E-02	-6.982E-03
204	3	255.00	15	-3.512E+04	9.654E+03	-7.040E+02	-2.275E-02	7.585E+05	2.461E+07	-9.449E-02	6.662E-03
204	3	255.00	16	-3.509E+04	9.654E+03	-6.836E+02	-2.344E-02	7.284E+05	2.461E+07	-9.449E-02	6.397E-03
204	4	382.50	1	2.956E+04	7.532E+03	5.936E+02	4.611E-03	-8.179E+05	2.572E+07	-7.201E-02	-5.072E-03
204	4	382.50	2	2.958E+04	7.532E+03	6.139E+02	3.920E-03	-8.506E+05	2.572E+07	-7.201E-02	-5.277E-03
204	4	382.50	3	2.533E+04	7.500E+03	-5.735E+02	-2.275E-02	8.460E+05	2.572E+07	-7.201E-02	5.269E-03
204	4	382.50	4	2.535E+04	7.499E+03	-5.532E+02	-2.344E-02	8.133E+05	2.572E+07	-7.201E-02	5.065E-03
204	4	382.50	5	2.941E+04	7.532E+03	4.772E+02	4.609E-03	-8.183E+05	2.572E+07	-7.200E-02	-5.140E-03
204	4	382.50	6	2.943E+04	7.531E+03	4.976E+02	3.917E-03	-8.510E+05	2.572E+07	-7.200E-02	-5.344E-03
204	4	382.50	7	2.518E+04	7.500E+03	-6.899E+02	-2.275E-02	8.456E+05	2.572E+07	-7.201E-02	5.201E-03
204	4	382.50	8	2.520E+04	7.499E+03	-6.695E+02	-2.344E-02	8.129E+05	2.572E+07	-7.201E-02	4.997E-03
204	4	382.50	9	-3.073E+04	7.529E+03	5.795E+02	4.611E-03	-8.193E+05	2.571E+07	-7.197E-02	-5.090E-03
204	4	382.50	10	-3.071E+04	7.528E+03	5.999E+02	3.920E-03	-8.521E+05	2.571E+07	-7.197E-02	-5.294E-03
204	4	382.50	11	-3.496E+04	7.496E+03	-5.876E+02	-2.275E-02	8.446E+05	2.571E+07	-7.198E-02	5.251E-03
204	4	382.50	12	-3.494E+04	7.495E+03	-5.672E+02	-2.344E-02	8.118E+05	2.571E+07	-7.198E-02	5.047E-03
204	4	382.50	13	-3.089E+04	7.528E+03	4.631E+02	4.609E-03	-8.197E+05	2.571E+07	-7.197E-02	-5.157E-03
204	4	382.50	14	-3.086E+04	7.528E+03	4.835E+02	3.918E-03	-8.525E+05	2.571E+07	-7.197E-02	-5.362E-03
204	4	382.50	15	-3.512E+04	7.496E+03	-7.040E+02	-2.275E-02	8.442E+05	2.571E+07	-7.198E-02	5.184E-03
204	4	382.50	16	-3.509E+04	7.495E+03	-6.836E+02	-2.344E-02	8.114E+05	2.571E+07	-7.198E-02	4.979E-03
204	5	510.00	1	2.956E+04	5.374E+03	5.936E+02	4.611E-03	-8.901E+05	2.654E+07	-1.005E-08	-8.314E-10
204	5	510.00	2	2.958E+04	5.373E+03	6.139E+02	3.920E-03	-9.254E+05	2.654E+07	-1.005E-08	-8.023E-10
204	5	510.00	3	2.533E+04	5.342E+03	-5.735E+02	-2.275E-02	9.157E+05	2.654E+07	-1.006E-08	8.034E-10
204	5	510.00	4	2.536E+04	5.341E+03	-5.532E+02	-2.344E-02	8.803E+05	2.654E+07	-1.006E-08	8.325E-10
204	5	510.00	5	2.941E+04	5.374E+03	4.772E+02	4.609E-03	-8.756E+05	2.654E+07	-1.005E-08	-8.160E-10
204	5	510.00	6	2.943E+04	5.373E+03	4.976E+02	3.917E-03	-9.110E+05	2.654E+07	-1.005E-08	-7.870E-10
204	5	510.00	7	2.518E+04	5.342E+03	-6.899E+02	-2.275E-02	9.301E+05	2.654E+07	-1.006E-08	8.188E-10
204	5	510.00	8	2.520E+04	5.341E+03	-6.695E+02	-2.344E-02	8.948E+05	2.654E+07	-1.006E-08	8.479E-10
204	5	510.00	9	-3.073E+04	5.370E+03	5.795E+02	4.611E-03	-8.898E+05	2.653E+07	-1.005E-08	-8.387E-10
204	5	510.00	10	-3.071E+04	5.370E+03	5.999E+02	3.920E-03	-9.251E+05	2.653E+07	-1.005E-08	-8.097E-10
204	5	510.00	11	-3.496E+04	5.338E+03	-5.876E+02	-2.275E-02	9.160E+05	2.653E+07	-1.006E-08	7.961E-10
204	5	510.00	12	-3.494E+04	5.337E+03	-5.672E+02	-2.344E-02	8.807E+05	2.653E+07	-1.006E-08	8.252E-10
204	5	510.00	13	-3.088E+04	5.370E+03	4.631E+02	4.609E-03	-8.753E+05	2.653E+07	-1.005E-08	-8.234E-10
204	5	510.00	14	-3.086E+04	5.369E+03	4.835E+02	3.918E-03	-9.107E+05	2.653E+07	-1.005E-08	-7.943E-10
204	5	510.00	15	-3.511E+04	5.338E+03	-7.040E+02	-2.275E-02	9.305E+05	2.652E+07	-1.006E-08	8.115E-10
204	5	510.00	16	-3.509E+04	5.337E+03	-6.836E+02	-2.344E-02	8.951E+05	2.652E+07	-1.006E-08	8.405E-10
205	1	0.00	1	2.049E+04	-5.375E+03	-4.606E+02	4.602E-03	-8.707E+05	2.654E+07	0.000E+00	0.000E+00
205	1	0.00	2	2.046E+04	-5.374E+03	-4.766E+02	3.911E-03	-9.049E+05	2.654E+07	0.000E+00	0.000E+00
205	1	0.00	3	2.474E+04	-5.342E+03	4.998E+02	-2.276E-02	9.140E+05	2.654E+07	0.000E+00	0.000E+00
205	1	0.00	4	2.470E+04	-5.342E+03	4.837E+02	-2.345E-02	8.798E+05	2.654E+07	0.000E+00	0.000E+00
205	1	0.00	5	2.043E+04	-5.375E+03	-5.770E+02	4.621E-03	-8.846E+05	2.654E+07	0.000E+00	0.000E+00
205	1	0.00	6	2.040E+04	-5.374E+03	-5.930E+02	3.930E-03	-9.188E+05	2.654E+07	0.000E+00	0.000E+00
205	1	0.00	7	2.468E+04	-5.343E+03	3.834E+02	-2.274E-02	9.000E+05	2.654E+07	0.000E+00	0.000E+00
205	1	0.00	8	2.464E+04	-5.342E+03	3.674E+02	-2.344E-02	8.659E+05	2.654E+07	0.000E+00	0.000E+00
205	1	0.00	9	-3.015E+04	-5.369E+03	-4.576E+02	4.603E-03	-8.710E+05	2.653E+07	0.000E+00	0.000E+00
205	1	0.00	10	-3.018E+04	-5.368E+03	-4.736E+02	3.911E-03	-9.052E+05	2.653E+07	0.000E+00	0.000E+00
205	1	0.00	11	-2.590E+04	-5.337E+03	5.027E+02	-2.276E-02	9.136E+05	2.652E+07	0.000E+00	0.000E+00
205	1	0.00	12	-2.594E+04	-5.336E+03	4.867E+02	-2.345E-02	8.795E+05	2.652E+07	0.000E+00	0.000E+00
205	1	0.00	13	-3.021E+04	-5.369E+03	-5.740E+02	4.621E-03	-8.850E+05	2.653E+07	0.000E+00	0.000E+00
205	1	0.00	14	-3.024E+04	-5.368E+03	-5.900E+02	3.930E-03	-9.191E+05	2.653E+07	0.000E+00	0.000E+00
205	1	0.00	15	-2.596E+04	-5.337E+03	3.863E+02	-2.274E-02	8.997E+05	2.653E+07	0.000E+00	0.000E+00

205	1	0.00	16	-2.600E+04	-5.336E+03	3.703E+02	-2.344E-02	8.656E+05	2.653E+07	0.000E+00	0.000E+00
205	2	127.50	1	2.049E+04	-7.533E+03	-4.606E+02	4.602E-03	-8.166E+05	2.572E+07	-7.200E-02	-5.143E-03
205	2	127.50	2	2.046E+04	-7.532E+03	-4.766E+02	3.911E-03	-8.487E+05	2.572E+07	-7.200E-02	-5.345E-03
205	2	127.50	3	2.474E+04	-7.501E+03	4.998E+02	-2.276E-02	8.548E+05	2.572E+07	-7.201E-02	5.373E-03
205	2	127.50	4	2.471E+04	-7.500E+03	4.837E+02	-2.345E-02	8.227E+05	2.572E+07	-7.201E-02	5.170E-03
205	2	127.50	5	2.043E+04	-7.533E+03	-5.770E+02	4.621E-03	-8.156E+05	2.572E+07	-7.201E-02	-5.072E-03
205	2	127.50	6	2.040E+04	-7.532E+03	-5.930E+02	3.930E-03	-8.477E+05	2.572E+07	-7.201E-02	-5.274E-03
205	2	127.50	7	2.468E+04	-7.501E+03	3.834E+02	-2.274E-02	8.557E+05	2.572E+07	-7.201E-02	5.444E-03
205	2	127.50	8	2.465E+04	-7.500E+03	3.674E+02	-2.344E-02	8.236E+05	2.572E+07	-7.201E-02	5.241E-03
205	2	127.50	9	-3.015E+04	-7.527E+03	-4.576E+02	4.603E-03	-8.172E+05	2.571E+07	-7.197E-02	-5.149E-03
205	2	127.50	10	-3.018E+04	-7.527E+03	-4.736E+02	3.911E-03	-8.494E+05	2.571E+07	-7.197E-02	-5.352E-03
205	2	127.50	11	-2.590E+04	-7.495E+03	5.027E+02	-2.276E-02	8.541E+05	2.571E+07	-7.198E-02	5.367E-03
205	2	127.50	12	-2.593E+04	-7.494E+03	4.867E+02	-2.345E-02	8.220E+05	2.571E+07	-7.198E-02	5.164E-03
205	2	127.50	13	-3.021E+04	-7.528E+03	-5.740E+02	4.621E-03	-8.163E+05	2.571E+07	-7.197E-02	-5.078E-03
205	2	127.50	14	-3.024E+04	-7.527E+03	-5.900E+02	3.930E-03	-8.484E+05	2.571E+07	-7.197E-02	-5.280E-03
205	2	127.50	15	-2.596E+04	-7.495E+03	3.863E+02	-2.274E-02	8.550E+05	2.571E+07	-7.198E-02	5.438E-03
205	2	127.50	16	-2.599E+04	-7.494E+03	3.703E+02	-2.344E-02	8.229E+05	2.571E+07	-7.198E-02	5.235E-03
205	3	255.00	1	2.049E+04	-9.691E+03	-4.606E+02	4.602E-03	-7.631E+05	2.462E+07	-9.452E-02	-6.701E-03
205	3	255.00	2	2.046E+04	-9.691E+03	-4.766E+02	3.911E-03	-7.931E+05	2.462E+07	-9.452E-02	-6.965E-03
205	3	255.00	3	2.474E+04	-9.659E+03	4.998E+02	-2.276E-02	7.963E+05	2.463E+07	-9.454E-02	6.993E-03
205	3	255.00	4	2.471E+04	-9.658E+03	4.837E+02	-2.345E-02	7.662E+05	2.463E+07	-9.454E-02	6.729E-03
205	3	255.00	5	2.043E+04	-9.692E+03	-5.770E+02	4.621E-03	-7.473E+05	2.462E+07	-9.452E-02	-6.563E-03
205	3	255.00	6	2.040E+04	-9.691E+03	-5.930E+02	3.930E-03	-7.774E+05	2.462E+07	-9.452E-02	-6.827E-03
205	3	255.00	7	2.468E+04	-9.659E+03	3.834E+02	-2.274E-02	8.121E+05	2.463E+07	-9.454E-02	7.132E-03
205	3	255.00	8	2.465E+04	-9.658E+03	3.674E+02	-2.344E-02	7.820E+05	2.463E+07	-9.454E-02	6.868E-03
205	3	255.00	9	-3.015E+04	-9.686E+03	-4.576E+02	4.603E-03	-7.641E+05	2.461E+07	-9.447E-02	-6.711E-03
205	3	255.00	10	-3.018E+04	-9.685E+03	-4.736E+02	3.911E-03	-7.942E+05	2.461E+07	-9.447E-02	-6.975E-03
205	3	255.00	11	-2.590E+04	-9.653E+03	5.027E+02	-2.276E-02	7.952E+05	2.461E+07	-9.449E-02	6.984E-03
205	3	255.00	12	-2.593E+04	-9.652E+03	4.867E+02	-2.345E-02	7.652E+05	2.461E+07	-9.449E-02	6.720E-03
205	3	255.00	13	-3.021E+04	-9.686E+03	-5.740E+02	4.621E-03	-7.484E+05	2.461E+07	-9.447E-02	-6.572E-03
205	3	255.00	14	-3.024E+04	-9.685E+03	-5.900E+02	3.930E-03	-7.784E+05	2.461E+07	-9.447E-02	-6.836E-03
205	3	255.00	15	-2.596E+04	-9.653E+03	3.863E+02	-2.274E-02	8.110E+05	2.461E+07	-9.449E-02	7.122E-03
205	3	255.00	16	-2.599E+04	-9.653E+03	3.703E+02	-2.344E-02	7.809E+05	2.461E+07	-9.449E-02	6.858E-03
205	4	382.50	1	2.049E+04	-1.185E+04	-4.606E+02	4.602E-03	-7.104E+05	2.325E+07	-6.964E-02	-4.910E-03
205	4	382.50	2	2.046E+04	-1.185E+04	-4.766E+02	3.911E-03	-7.385E+05	2.325E+07	-6.964E-02	-5.103E-03
205	4	382.50	3	2.474E+04	-1.182E+04	4.998E+02	-2.276E-02	7.387E+05	2.326E+07	-6.966E-02	5.118E-03
205	4	382.50	4	2.471E+04	-1.182E+04	4.837E+02	-2.345E-02	7.106E+05	2.326E+07	-6.966E-02	4.924E-03
205	4	382.50	5	2.044E+04	-1.185E+04	-5.770E+02	4.621E-03	-6.798E+05	2.325E+07	-6.964E-02	-4.773E-03
205	4	382.50	6	2.040E+04	-1.185E+04	-5.930E+02	3.930E-03	-7.078E+05	2.325E+07	-6.964E-02	-4.967E-03
205	4	382.50	7	2.468E+04	-1.182E+04	3.834E+02	-2.274E-02	7.693E+05	2.326E+07	-6.966E-02	5.254E-03
205	4	382.50	8	2.465E+04	-1.182E+04	3.674E+02	-2.344E-02	7.412E+05	2.326E+07	-6.966E-02	5.061E-03
205	4	382.50	9	-3.015E+04	-1.184E+04	-4.576E+02	4.603E-03	-7.119E+05	2.324E+07	-6.961E-02	-4.918E-03
205	4	382.50	10	-3.018E+04	-1.184E+04	-4.736E+02	3.911E-03	-7.399E+05	2.324E+07	-6.961E-02	-5.111E-03
205	4	382.50	11	-2.590E+04	-1.181E+04	5.027E+02	-2.276E-02	7.372E+05	2.325E+07	-6.962E-02	5.110E-03
205	4	382.50	12	-2.593E+04	-1.181E+04	4.867E+02	-2.345E-02	7.092E+05	2.325E+07	-6.963E-02	4.916E-03
205	4	382.50	13	-3.021E+04	-1.184E+04	-5.740E+02	4.621E-03	-6.813E+05	2.324E+07	-6.961E-02	-4.781E-03
205	4	382.50	14	-3.024E+04	-1.184E+04	-5.900E+02	3.930E-03	-7.093E+05	2.324E+07	-6.961E-02	-4.975E-03
205	4	382.50	15	-2.596E+04	-1.181E+04	3.863E+02	-2.274E-02	7.678E+05	2.325E+07	-6.963E-02	5.246E-03
205	4	382.50	16	-2.599E+04	-1.181E+04	3.703E+02	-2.344E-02	7.398E+05	2.325E+07	-6.963E-02	5.053E-03
205	5	510.00	1	2.050E+04	-1.401E+04	-4.606E+02	4.602E-03	-6.588E+05	2.160E+07	7.289E-09	7.947E-10
205	5	510.00	2	2.046E+04	-1.401E+04	-4.766E+02	3.911E-03	-6.848E+05	2.160E+07	7.289E-09	7.956E-10
205	5	510.00	3	2.474E+04	-1.398E+04	4.998E+02	-2.276E-02	6.821E+05	2.161E+07	7.287E-09	-7.781E-10
205	5	510.00	4	2.471E+04	-1.397E+04	4.837E+02	-2.345E-02	6.561E+05	2.161E+07	7.287E-09	-7.772E-10
205	5	510.00	5	2.044E+04	-1.401E+04	-5.770E+02	4.621E-03	-6.134E+05	2.160E+07	7.288E-09	7.802E-10
205	5	510.00	6	2.041E+04	-1.401E+04	-5.930E+02	3.930E-03	-6.394E+05	2.160E+07	7.288E-09	7.811E-10
205	5	510.00	7	2.469E+04	-1.398E+04	3.834E+02	-2.274E-02	7.275E+05	2.161E+07	7.287E-09	-7.926E-10
205	5	510.00	8	2.465E+04	-1.397E+04	3.674E+02	-2.344E-02	7.015E+05	2.161E+07	7.287E-09	-7.917E-10
205	5	510.00	9	-3.014E+04	-1.400E+04	-4.576E+02	4.603E-03	-6.607E+05	2.159E+07	7.271E-09	7.951E-10
205	5	510.00	10	-3.018E+04	-1.400E+04	-4.736E+02	3.911E-03	-6.866E+05	2.159E+07	7.271E-09	7.960E-10
205	5	510.00	11	-2.590E+04	-1.397E+04	5.027E+02	-2.276E-02	6.803E+05	2.160E+07	7.269E-09	-7.777E-10
205	5	510.00	12	-2.593E+04	-1.397E+04	4.867E+02	-2.345E-02	6.543E+05	2.160E+07	7.269E-09	-7.768E-10
205	5	510.00	13	-3.020E+04	-1.400E+04	-5.740E+02	4.621E-03	-6.152E+05	2.159E+07	7.270E-09	7.806E-10

205	5	510.00	14	-3.024E+04	-1.400E+04	-5.900E+02	3.930E-03	-6.412E+05	2.159E+07	7.270E-09	7.815E-10
205	5	510.00	15	-2.596E+04	-1.397E+04	3.863E+02	-2.274E-02	7.257E+05	2.160E+07	7.269E-09	-7.922E-10
205	5	510.00	16	-2.599E+04	-1.397E+04	3.703E+02	-2.344E-02	6.997E+05	2.160E+07	7.269E-09	-7.913E-10
206	1	0.00	1	2.464E+04	-5.342E+03	-3.674E+02	2.344E-02	-8.659E+05	2.654E+07	0.000E+00	0.000E+00
206	1	0.00	2	2.468E+04	-5.343E+03	-3.834E+02	2.274E-02	-9.000E+05	2.654E+07	0.000E+00	0.000E+00
206	1	0.00	3	2.040E+04	-5.374E+03	5.930E+02	-3.930E-03	9.188E+05	2.654E+07	0.000E+00	0.000E+00
206	1	0.00	4	2.043E+04	-5.375E+03	5.770E+02	-4.621E-03	8.846E+05	2.654E+07	0.000E+00	0.000E+00
206	1	0.00	5	2.470E+04	-5.342E+03	-4.837E+02	2.345E-02	-8.798E+05	2.654E+07	0.000E+00	0.000E+00
206	1	0.00	6	2.474E+04	-5.342E+03	-4.998E+02	2.276E-02	-9.140E+05	2.654E+07	0.000E+00	0.000E+00
206	1	0.00	7	2.046E+04	-5.374E+03	4.766E+02	-3.911E-03	9.049E+05	2.654E+07	0.000E+00	0.000E+00
206	1	0.00	8	2.049E+04	-5.375E+03	4.606E+02	-4.602E-03	8.707E+05	2.654E+07	0.000E+00	0.000E+00
206	1	0.00	9	-2.600E+04	-5.336E+03	-3.703E+02	2.344E-02	-8.656E+05	2.653E+07	0.000E+00	0.000E+00
206	1	0.00	10	-2.596E+04	-5.337E+03	-3.863E+02	2.274E-02	-8.997E+05	2.653E+07	0.000E+00	0.000E+00
206	1	0.00	11	-3.024E+04	-5.368E+03	5.900E+02	-3.930E-03	9.191E+05	2.653E+07	0.000E+00	0.000E+00
206	1	0.00	12	-3.021E+04	-5.369E+03	5.740E+02	-4.621E-03	8.850E+05	2.653E+07	0.000E+00	0.000E+00
206	1	0.00	13	-2.594E+04	-5.336E+03	-4.867E+02	2.345E-02	-8.795E+05	2.652E+07	0.000E+00	0.000E+00
206	1	0.00	14	-2.590E+04	-5.337E+03	-5.027E+02	2.276E-02	-9.136E+05	2.652E+07	0.000E+00	0.000E+00
206	1	0.00	15	-3.018E+04	-5.368E+03	4.736E+02	-3.911E-03	9.052E+05	2.653E+07	0.000E+00	0.000E+00
206	1	0.00	16	-3.015E+04	-5.369E+03	4.576E+02	-4.603E-03	8.710E+05	2.653E+07	0.000E+00	0.000E+00
206	2	127.50	1	2.465E+04	-7.500E+03	-3.674E+02	2.344E-02	-8.236E+05	2.572E+07	-7.201E-02	-5.241E-03
206	2	127.50	2	2.468E+04	-7.501E+03	-3.834E+02	2.274E-02	-8.557E+05	2.572E+07	-7.201E-02	-5.444E-03
206	2	127.50	3	2.040E+04	-7.532E+03	5.930E+02	-3.930E-03	8.477E+05	2.572E+07	-7.201E-02	5.274E-03
206	2	127.50	4	2.043E+04	-7.533E+03	5.770E+02	-4.621E-03	8.156E+05	2.572E+07	-7.201E-02	5.072E-03
206	2	127.50	5	2.471E+04	-7.500E+03	-4.837E+02	2.345E-02	-8.227E+05	2.572E+07	-7.201E-02	-5.170E-03
206	2	127.50	6	2.474E+04	-7.501E+03	-4.998E+02	2.276E-02	-8.548E+05	2.572E+07	-7.201E-02	-5.373E-03
206	2	127.50	7	2.046E+04	-7.532E+03	4.766E+02	-3.911E-03	8.487E+05	2.572E+07	-7.200E-02	5.345E-03
206	2	127.50	8	2.049E+04	-7.533E+03	4.606E+02	-4.602E-03	8.166E+05	2.572E+07	-7.200E-02	5.143E-03
206	2	127.50	9	-2.599E+04	-7.494E+03	-3.703E+02	2.344E-02	-8.229E+05	2.571E+07	-7.198E-02	-5.235E-03
206	2	127.50	10	-2.596E+04	-7.495E+03	-3.863E+02	2.274E-02	-8.550E+05	2.571E+07	-7.198E-02	-5.438E-03
206	2	127.50	11	-3.024E+04	-7.527E+03	5.900E+02	-3.930E-03	8.484E+05	2.571E+07	-7.197E-02	5.280E-03
206	2	127.50	12	-3.021E+04	-7.528E+03	5.740E+02	-4.621E-03	8.163E+05	2.571E+07	-7.197E-02	5.078E-03
206	2	127.50	13	-2.593E+04	-7.494E+03	-4.867E+02	2.345E-02	-8.220E+05	2.571E+07	-7.198E-02	-5.164E-03
206	2	127.50	14	-2.590E+04	-7.495E+03	-5.027E+02	2.276E-02	-8.541E+05	2.571E+07	-7.198E-02	-5.367E-03
206	2	127.50	15	-3.018E+04	-7.527E+03	4.736E+02	-3.911E-03	8.494E+05	2.571E+07	-7.197E-02	5.352E-03
206	2	127.50	16	-3.015E+04	-7.527E+03	4.576E+02	-4.603E-03	8.172E+05	2.571E+07	-7.197E-02	5.149E-03
206	3	255.00	1	2.465E+04	-9.658E+03	-3.674E+02	2.344E-02	-7.820E+05	2.463E+07	-9.454E-02	-6.868E-03
206	3	255.00	2	2.468E+04	-9.659E+03	-3.834E+02	2.274E-02	-8.121E+05	2.463E+07	-9.454E-02	-7.132E-03
206	3	255.00	3	2.040E+04	-9.691E+03	5.930E+02	-3.930E-03	7.774E+05	2.462E+07	-9.452E-02	6.827E-03
206	3	255.00	4	2.043E+04	-9.692E+03	5.770E+02	-4.621E-03	7.473E+05	2.462E+07	-9.452E-02	6.563E-03
206	3	255.00	5	2.471E+04	-9.658E+03	-4.837E+02	2.345E-02	-7.662E+05	2.463E+07	-9.454E-02	-6.729E-03
206	3	255.00	6	2.474E+04	-9.659E+03	-4.998E+02	2.276E-02	-7.963E+05	2.463E+07	-9.454E-02	-6.993E-03
206	3	255.00	7	2.046E+04	-9.691E+03	4.766E+02	-3.911E-03	7.931E+05	2.462E+07	-9.452E-02	6.965E-03
206	3	255.00	8	2.049E+04	-9.691E+03	4.606E+02	-4.602E-03	7.631E+05	2.462E+07	-9.452E-02	6.701E-03
206	3	255.00	9	-2.599E+04	-9.653E+03	-3.703E+02	2.344E-02	-7.809E+05	2.461E+07	-9.449E-02	-6.858E-03
206	3	255.00	10	-2.596E+04	-9.653E+03	-3.863E+02	2.274E-02	-8.110E+05	2.461E+07	-9.449E-02	-7.122E-03
206	3	255.00	11	-3.024E+04	-9.685E+03	5.900E+02	-3.930E-03	7.784E+05	2.461E+07	-9.447E-02	6.836E-03
206	3	255.00	12	-3.021E+04	-9.686E+03	5.740E+02	-4.621E-03	7.484E+05	2.461E+07	-9.447E-02	6.572E-03
206	3	255.00	13	-2.593E+04	-9.652E+03	-4.867E+02	2.345E-02	-7.652E+05	2.461E+07	-9.449E-02	-6.720E-03
206	3	255.00	14	-2.590E+04	-9.653E+03	-5.027E+02	2.276E-02	-7.952E+05	2.461E+07	-9.449E-02	-6.984E-03
206	3	255.00	15	-3.018E+04	-9.685E+03	4.736E+02	-3.911E-03	7.942E+05	2.461E+07	-9.447E-02	6.975E-03
206	3	255.00	16	-3.015E+04	-9.686E+03	4.576E+02	-4.603E-03	7.641E+05	2.461E+07	-9.447E-02	6.711E-03
206	4	382.50	1	2.465E+04	-1.182E+04	-3.674E+02	2.344E-02	-7.412E+05	2.326E+07	-6.966E-02	-5.061E-03
206	4	382.50	2	2.468E+04	-1.182E+04	-3.834E+02	2.274E-02	-7.693E+05	2.326E+07	-6.966E-02	-5.254E-03
206	4	382.50	3	2.040E+04	-1.185E+04	5.930E+02	-3.930E-03	7.078E+05	2.325E+07	-6.964E-02	4.967E-03
206	4	382.50	4	2.044E+04	-1.185E+04	5.770E+02	-4.621E-03	6.798E+05	2.325E+07	-6.964E-02	4.773E-03
206	4	382.50	5	2.471E+04	-1.182E+04	-4.837E+02	2.345E-02	-7.106E+05	2.326E+07	-6.966E-02	-4.924E-03
206	4	382.50	6	2.474E+04	-1.182E+04	-4.998E+02	2.276E-02	-7.387E+05	2.326E+07	-6.966E-02	-5.118E-03
206	4	382.50	7	2.046E+04	-1.185E+04	4.766E+02	-3.911E-03	7.385E+05	2.325E+07	-6.964E-02	5.103E-03
206	4	382.50	8	2.049E+04	-1.185E+04	4.606E+02	-4.602E-03	7.104E+05	2.325E+07	-6.964E-02	4.910E-03
206	4	382.50	9	-2.599E+04	-1.181E+04	-3.703E+02	2.344E-02	-7.398E+05	2.325E+07	-6.963E-02	-5.053E-03
206	4	382.50	10	-2.596E+04	-1.181E+04	-3.863E+02	2.274E-02	-7.678E+05	2.325E+07	-6.963E-02	-5.246E-03
206	4	382.50	11	-3.024E+04	-1.184E+04	5.900E+02	-3.930E-03	7.093E+05	2.324E+07	-6.961E-02	4.975E-03

206	4	382.50	12	-3.021E+04	-1.184E+04	5.740E+02	-4.621E-03	6.813E+05	2.324E+07	-6.961E-02	4.781E-03
206	4	382.50	13	-2.593E+04	-1.181E+04	-4.867E+02	2.345E-02	-7.092E+05	2.325E+07	-6.963E-02	-4.916E-03
206	4	382.50	14	-2.590E+04	-1.181E+04	-5.027E+02	2.276E-02	-7.372E+05	2.325E+07	-6.962E-02	-5.110E-03
206	4	382.50	15	-3.018E+04	-1.184E+04	4.736E+02	-3.911E-03	7.399E+05	2.324E+07	-6.961E-02	5.111E-03
206	4	382.50	16	-3.015E+04	-1.184E+04	4.576E+02	-4.603E-03	7.119E+05	2.324E+07	-6.961E-02	4.918E-03
206	5	510.00	1	2.465E+04	-1.397E+04	-3.674E+02	2.344E-02	-7.015E+05	2.161E+07	7.287E-09	7.917E-10
206	5	510.00	2	2.469E+04	-1.398E+04	-3.834E+02	2.274E-02	-7.275E+05	2.161E+07	7.287E-09	7.926E-10
206	5	510.00	3	2.041E+04	-1.401E+04	5.930E+02	-3.930E-03	6.394E+05	2.160E+07	7.288E-09	-7.811E-10
206	5	510.00	4	2.044E+04	-1.401E+04	5.770E+02	-4.621E-03	6.134E+05	2.160E+07	7.288E-09	-7.802E-10
206	5	510.00	5	2.471E+04	-1.397E+04	-4.837E+02	2.345E-02	-6.561E+05	2.161E+07	7.287E-09	7.772E-10
206	5	510.00	6	2.474E+04	-1.398E+04	-4.998E+02	2.276E-02	-6.821E+05	2.161E+07	7.287E-09	7.781E-10
206	5	510.00	7	2.046E+04	-1.401E+04	4.766E+02	-3.911E-03	6.848E+05	2.160E+07	7.289E-09	-7.956E-10
206	5	510.00	8	2.050E+04	-1.401E+04	4.606E+02	-4.602E-03	6.588E+05	2.160E+07	7.289E-09	-7.946E-10
206	5	510.00	9	-2.599E+04	-1.397E+04	-3.703E+02	2.344E-02	-6.997E+05	2.160E+07	7.269E-09	7.913E-10
206	5	510.00	10	-2.596E+04	-1.397E+04	-3.863E+02	2.274E-02	-7.257E+05	2.160E+07	7.269E-09	7.922E-10
206	5	510.00	11	-3.024E+04	-1.400E+04	5.900E+02	-3.930E-03	6.412E+05	2.159E+07	7.270E-09	-7.815E-10
206	5	510.00	12	-3.020E+04	-1.400E+04	5.740E+02	-4.621E-03	6.152E+05	2.159E+07	7.270E-09	-7.806E-10
206	5	510.00	13	-2.593E+04	-1.397E+04	-4.867E+02	2.345E-02	-6.543E+05	2.160E+07	7.269E-09	7.768E-10
206	5	510.00	14	-2.590E+04	-1.397E+04	-5.027E+02	2.276E-02	-6.803E+05	2.160E+07	7.269E-09	7.777E-10
206	5	510.00	15	-3.018E+04	-1.400E+04	4.736E+02	-3.911E-03	6.866E+05	2.159E+07	7.271E-09	-7.960E-10
206	5	510.00	16	-3.014E+04	-1.400E+04	4.576E+02	-4.603E-03	6.607E+05	2.159E+07	7.271E-09	-7.951E-10
207	1	0.00	1	1.607E+04	-2.361E+04	-8.738E+02	-5.064E-03	-6.852E+05	2.160E+07	0.000E+00	0.000E+00
207	1	0.00	2	1.604E+04	-2.361E+04	-9.197E+02	-5.746E-03	-7.120E+05	2.160E+07	0.000E+00	0.000E+00
207	1	0.00	3	2.020E+04	-2.358E+04	1.775E+03	-3.203E-02	7.368E+05	2.161E+07	0.000E+00	0.000E+00
207	1	0.00	4	2.017E+04	-2.358E+04	1.729E+03	-3.271E-02	7.099E+05	2.161E+07	0.000E+00	0.000E+00
207	1	0.00	5	1.581E+04	-2.361E+04	-9.902E+02	-5.030E-03	-6.669E+05	2.160E+07	0.000E+00	0.000E+00
207	1	0.00	6	1.578E+04	-2.361E+04	-1.036E+03	-5.711E-03	-6.938E+05	2.160E+07	0.000E+00	0.000E+00
207	1	0.00	7	1.994E+04	-2.358E+04	1.658E+03	-3.200E-02	7.550E+05	2.161E+07	0.000E+00	0.000E+00
207	1	0.00	8	1.992E+04	-2.358E+04	1.613E+03	-3.268E-02	7.282E+05	2.161E+07	0.000E+00	0.000E+00
207	1	0.00	9	-2.539E+04	-2.360E+04	-9.051E+02	-5.064E-03	-6.870E+05	2.159E+07	0.000E+00	0.000E+00
207	1	0.00	10	-2.542E+04	-2.360E+04	-9.510E+02	-5.746E-03	-7.138E+05	2.159E+07	0.000E+00	0.000E+00
207	1	0.00	11	-2.126E+04	-2.357E+04	1.744E+03	-3.203E-02	7.349E+05	2.160E+07	0.000E+00	0.000E+00
207	1	0.00	12	-2.128E+04	-2.356E+04	1.698E+03	-3.271E-02	7.081E+05	2.160E+07	0.000E+00	0.000E+00
207	1	0.00	13	-2.565E+04	-2.360E+04	-1.021E+03	-5.030E-03	-6.688E+05	2.159E+07	0.000E+00	0.000E+00
207	1	0.00	14	-2.567E+04	-2.360E+04	-1.067E+03	-5.711E-03	-6.956E+05	2.159E+07	0.000E+00	0.000E+00
207	1	0.00	15	-2.151E+04	-2.357E+04	1.627E+03	-3.200E-02	7.532E+05	2.160E+07	0.000E+00	0.000E+00
207	1	0.00	16	-2.154E+04	-2.356E+04	1.581E+03	-3.268E-02	7.263E+05	2.160E+07	0.000E+00	0.000E+00
207	2	127.25	1	1.607E+04	-2.577E+04	-8.738E+02	-5.064E-03	-5.756E+05	1.846E+07	-4.658E-02	-3.302E-03
207	2	127.25	2	1.604E+04	-2.577E+04	-9.197E+02	-5.746E-03	-5.966E+05	1.846E+07	-4.658E-02	-3.414E-03
207	2	127.25	3	2.020E+04	-2.573E+04	1.775E+03	-3.203E-02	5.125E+05	1.847E+07	-4.661E-02	2.386E-03
207	2	127.25	4	2.018E+04	-2.573E+04	1.729E+03	-3.271E-02	4.916E+05	1.847E+07	-4.661E-02	2.274E-03
207	2	127.25	5	1.581E+04	-2.577E+04	-9.902E+02	-5.030E-03	-5.425E+05	1.846E+07	-4.658E-02	-3.020E-03
207	2	127.25	6	1.579E+04	-2.577E+04	-1.036E+03	-5.711E-03	-5.635E+05	1.846E+07	-4.658E-02	-3.132E-03
207	2	127.25	7	1.995E+04	-2.573E+04	1.658E+03	-3.200E-02	5.456E+05	1.847E+07	-4.661E-02	2.668E-03
207	2	127.25	8	1.992E+04	-2.573E+04	1.613E+03	-3.268E-02	5.246E+05	1.847E+07	-4.661E-02	2.556E-03
207	2	127.25	9	-2.539E+04	-2.575E+04	-9.051E+02	-5.064E-03	-5.734E+05	1.845E+07	-4.656E-02	-3.270E-03
207	2	127.25	10	-2.541E+04	-2.575E+04	-9.510E+02	-5.746E-03	-5.944E+05	1.845E+07	-4.656E-02	-3.382E-03
207	2	127.25	11	-2.125E+04	-2.572E+04	1.744E+03	-3.203E-02	5.147E+05	1.846E+07	-4.659E-02	2.418E-03
207	2	127.25	12	-2.128E+04	-2.572E+04	1.698E+03	-3.271E-02	4.937E+05	1.846E+07	-4.659E-02	2.306E-03
207	2	127.25	13	-2.564E+04	-2.575E+04	-1.021E+03	-5.030E-03	-5.404E+05	1.845E+07	-4.656E-02	-2.989E-03
207	2	127.25	14	-2.567E+04	-2.575E+04	-1.067E+03	-5.711E-03	-5.614E+05	1.845E+07	-4.656E-02	-3.101E-03
207	2	127.25	15	-2.151E+04	-2.572E+04	1.627E+03	-3.200E-02	5.477E+05	1.846E+07	-4.659E-02	2.699E-03
207	2	127.25	16	-2.154E+04	-2.572E+04	1.581E+03	-3.268E-02	5.267E+05	1.846E+07	-4.659E-02	2.587E-03
207	3	254.50	1	1.607E+04	-2.792E+04	-8.738E+02	-5.064E-03	-4.674E+05	1.505E+07	-5.768E-02	-4.089E-03
207	3	254.50	2	1.604E+04	-2.792E+04	-9.197E+02	-5.746E-03	-4.826E+05	1.505E+07	-5.768E-02	-4.222E-03
207	3	254.50	3	2.020E+04	-2.789E+04	1.775E+03	-3.203E-02	2.897E+05	1.506E+07	-5.773E-02	2.535E-03
207	3	254.50	4	2.018E+04	-2.789E+04	1.729E+03	-3.271E-02	2.746E+05	1.506E+07	-5.773E-02	2.402E-03
207	3	254.50	5	1.582E+04	-2.792E+04	-9.902E+02	-5.030E-03	-4.196E+05	1.505E+07	-5.768E-02	-3.670E-03
207	3	254.50	6	1.579E+04	-2.792E+04	-1.036E+03	-5.711E-03	-4.347E+05	1.505E+07	-5.768E-02	-3.803E-03
207	3	254.50	7	1.995E+04	-2.789E+04	1.658E+03	-3.200E-02	3.376E+05	1.506E+07	-5.773E-02	2.953E-03
207	3	254.50	8	1.992E+04	-2.789E+04	1.613E+03	-3.268E-02	3.224E+05	1.506E+07	-5.773E-02	2.821E-03
207	3	254.50	9	-2.539E+04	-2.791E+04	-9.051E+02	-5.064E-03	-4.613E+05	1.504E+07	-5.765E-02	-4.036E-03

207	3	254.50	10	-2.541E+04	-2.790E+04	-9.510E+02	-5.746E-03	-4.765E+05	1.504E+07	-5.766E-02	-4.168E-03
207	3	254.50	11	-2.125E+04	-2.787E+04	1.744E+03	-3.203E-02	2.959E+05	1.505E+07	-5.770E-02	2.588E-03
207	3	254.50	12	-2.128E+04	-2.787E+04	1.698E+03	-3.271E-02	2.807E+05	1.505E+07	-5.771E-02	2.456E-03
207	3	254.50	13	-2.564E+04	-2.791E+04	-1.021E+03	-5.030E-03	-4.135E+05	1.504E+07	-5.766E-02	-3.617E-03
207	3	254.50	14	-2.567E+04	-2.791E+04	-1.067E+03	-5.711E-03	-4.286E+05	1.504E+07	-5.766E-02	-3.749E-03
207	3	254.50	15	-2.151E+04	-2.787E+04	1.627E+03	-3.200E-02	3.437E+05	1.505E+07	-5.771E-02	3.007E-03
207	3	254.50	16	-2.153E+04	-2.787E+04	1.581E+03	-3.268E-02	3.286E+05	1.505E+07	-5.771E-02	2.874E-03
207	4	381.75	1	1.607E+04	-3.007E+04	-8.738E+02	-5.064E-03	-3.640E+05	1.136E+07	-3.981E-02	-2.835E-03
207	4	381.75	2	1.605E+04	-3.007E+04	-9.197E+02	-5.746E-03	-3.733E+05	1.136E+07	-3.981E-02	-2.922E-03
207	4	381.75	3	2.021E+04	-3.004E+04	1.775E+03	-3.203E-02	7.166E+04	1.137E+07	-3.985E-02	1.418E-03
207	4	381.75	4	2.018E+04	-3.004E+04	1.729E+03	-3.271E-02	6.235E+04	1.137E+07	-3.985E-02	1.332E-03
207	4	381.75	5	1.582E+04	-3.007E+04	-9.902E+02	-5.030E-03	-3.014E+05	1.136E+07	-3.981E-02	-2.489E-03
207	4	381.75	6	1.579E+04	-3.007E+04	-1.036E+03	-5.711E-03	-3.107E+05	1.136E+07	-3.981E-02	-2.575E-03
207	4	381.75	7	1.995E+04	-3.004E+04	1.658E+03	-3.200E-02	1.343E+05	1.137E+07	-3.985E-02	1.765E-03
207	4	381.75	8	1.992E+04	-3.004E+04	1.613E+03	-3.268E-02	1.250E+05	1.137E+07	-3.985E-02	1.678E-03
207	4	381.75	9	-2.538E+04	-3.006E+04	-9.051E+02	-5.064E-03	-3.539E+05	1.135E+07	-3.979E-02	-2.786E-03
207	4	381.75	10	-2.541E+04	-3.006E+04	-9.510E+02	-5.746E-03	-3.632E+05	1.135E+07	-3.980E-02	-2.873E-03
207	4	381.75	11	-2.125E+04	-3.003E+04	1.744E+03	-3.203E-02	8.176E+04	1.137E+07	-3.984E-02	1.467E-03
207	4	381.75	12	-2.128E+04	-3.003E+04	1.698E+03	-3.271E-02	7.245E+04	1.137E+07	-3.984E-02	1.380E-03
207	4	381.75	13	-2.564E+04	-3.006E+04	-1.021E+03	-5.030E-03	-2.913E+05	1.135E+07	-3.979E-02	-2.440E-03
207	4	381.75	14	-2.567E+04	-3.006E+04	-1.067E+03	-5.711E-03	-3.006E+05	1.135E+07	-3.980E-02	-2.526E-03
207	4	381.75	15	-2.151E+04	-3.003E+04	1.627E+03	-3.200E-02	1.444E+05	1.137E+07	-3.984E-02	1.813E-03
207	4	381.75	16	-2.153E+04	-3.003E+04	1.581E+03	-3.268E-02	1.351E+05	1.137E+07	-3.984E-02	1.727E-03
207	5	509.00	1	1.607E+04	-3.223E+04	-8.738E+02	-5.064E-03	-1.120E+05	7.392E+06	1.094E-08	-5.233E-10
207	5	509.00	2	1.605E+04	-3.223E+04	-9.197E+02	-5.746E-03	-1.154E+05	7.393E+06	1.094E-08	-5.551E-10
207	5	509.00	3	2.021E+04	-3.220E+04	1.775E+03	-3.203E-02	-2.951E+05	7.413E+06	1.093E-08	5.048E-10
207	5	509.00	4	2.018E+04	-3.220E+04	1.729E+03	-3.271E-02	-2.985E+05	7.414E+06	1.093E-08	4.730E-10
207	5	509.00	5	1.582E+04	-3.223E+04	-9.902E+02	-5.030E-03	-3.448E+04	7.392E+06	1.094E-08	-5.152E-10
207	5	509.00	6	1.579E+04	-3.223E+04	-1.036E+03	-5.711E-03	-3.795E+04	7.393E+06	1.094E-08	-5.470E-10
207	5	509.00	7	1.995E+04	-3.220E+04	1.658E+03	-3.200E-02	-2.176E+05	7.413E+06	1.093E-08	5.129E-10
207	5	509.00	8	1.993E+04	-3.220E+04	1.613E+03	-3.268E-02	-2.211E+05	7.414E+06	1.093E-08	4.811E-10
207	5	509.00	9	-2.538E+04	-3.221E+04	-9.051E+02	-5.064E-03	-9.788E+04	7.389E+06	1.094E-08	-5.190E-10
207	5	509.00	10	-2.541E+04	-3.221E+04	-9.510E+02	-5.746E-03	-1.014E+05	7.389E+06	1.094E-08	-5.508E-10
207	5	509.00	11	-2.125E+04	-3.218E+04	1.744E+03	-3.203E-02	-2.810E+05	7.410E+06	1.092E-08	5.091E-10
207	5	509.00	12	-2.127E+04	-3.218E+04	1.698E+03	-3.271E-02	-2.845E+05	7.411E+06	1.092E-08	4.773E-10
207	5	509.00	13	-2.564E+04	-3.221E+04	-1.021E+03	-5.030E-03	-2.040E+04	7.389E+06	1.094E-08	-5.109E-10
207	5	509.00	14	-2.566E+04	-3.221E+04	-1.067E+03	-5.711E-03	-2.388E+04	7.390E+06	1.094E-08	-5.427E-10
207	5	509.00	15	-2.150E+04	-3.218E+04	1.627E+03	-3.200E-02	-2.035E+05	7.410E+06	1.092E-08	5.172E-10
207	5	509.00	16	-2.153E+04	-3.218E+04	1.581E+03	-3.268E-02	-2.070E+05	7.411E+06	1.092E-08	4.854E-10
208	1	0.00	1	1.992E+04	-2.358E+04	-1.613E+03	3.268E-02	-7.282E+05	2.161E+07	0.000E+00	0.000E+00
208	1	0.00	2	1.994E+04	-2.358E+04	-1.658E+03	3.200E-02	-7.550E+05	2.161E+07	0.000E+00	0.000E+00
208	1	0.00	3	1.578E+04	-2.361E+04	1.036E+03	5.711E-03	6.938E+05	2.160E+07	0.000E+00	0.000E+00
208	1	0.00	4	1.581E+04	-2.361E+04	9.902E+02	5.030E-03	6.669E+05	2.160E+07	0.000E+00	0.000E+00
208	1	0.00	5	2.017E+04	-2.358E+04	-1.729E+03	3.271E-02	-7.099E+05	2.161E+07	0.000E+00	0.000E+00
208	1	0.00	6	2.020E+04	-2.358E+04	-1.775E+03	3.203E-02	-7.368E+05	2.161E+07	0.000E+00	0.000E+00
208	1	0.00	7	1.604E+04	-2.361E+04	9.197E+02	5.746E-03	7.120E+05	2.160E+07	0.000E+00	0.000E+00
208	1	0.00	8	1.607E+04	-2.361E+04	8.738E+02	5.064E-03	6.852E+05	2.160E+07	0.000E+00	0.000E+00
208	1	0.00	9	-2.154E+04	-2.356E+04	-1.581E+03	3.268E-02	-7.263E+05	2.160E+07	0.000E+00	0.000E+00
208	1	0.00	10	-2.151E+04	-2.357E+04	-1.627E+03	3.200E-02	-7.532E+05	2.160E+07	0.000E+00	0.000E+00
208	1	0.00	11	-2.567E+04	-2.360E+04	1.067E+03	5.711E-03	6.956E+05	2.159E+07	0.000E+00	0.000E+00
208	1	0.00	12	-2.565E+04	-2.360E+04	1.021E+03	5.030E-03	6.688E+05	2.159E+07	0.000E+00	0.000E+00
208	1	0.00	13	-2.128E+04	-2.356E+04	-1.698E+03	3.271E-02	-7.081E+05	2.160E+07	0.000E+00	0.000E+00
208	1	0.00	14	-2.126E+04	-2.357E+04	-1.744E+03	3.203E-02	-7.349E+05	2.160E+07	0.000E+00	0.000E+00
208	1	0.00	15	-2.542E+04	-2.360E+04	9.510E+02	5.746E-03	7.138E+05	2.159E+07	0.000E+00	0.000E+00
208	1	0.00	16	-2.539E+04	-2.360E+04	9.051E+02	5.064E-03	6.870E+05	2.159E+07	0.000E+00	0.000E+00
208	2	127.25	1	1.992E+04	-2.573E+04	-1.613E+03	3.268E-02	-5.246E+05	1.847E+07	-4.661E-02	-2.556E-03
208	2	127.25	2	1.995E+04	-2.573E+04	-1.658E+03	3.200E-02	-5.456E+05	1.847E+07	-4.661E-02	-2.668E-03
208	2	127.25	3	1.579E+04	-2.577E+04	1.036E+03	5.711E-03	5.635E+05	1.846E+07	-4.658E-02	3.132E-03
208	2	127.25	4	1.581E+04	-2.577E+04	9.902E+02	5.030E-03	5.425E+05	1.846E+07	-4.658E-02	3.020E-03
208	2	127.25	5	2.018E+04	-2.573E+04	-1.729E+03	3.271E-02	-4.916E+05	1.847E+07	-4.661E-02	-2.274E-03
208	2	127.25	6	2.020E+04	-2.573E+04	-1.775E+03	3.203E-02	-5.125E+05	1.847E+07	-4.661E-02	-2.386E-03
208	2	127.25	7	1.604E+04	-2.577E+04	9.197E+02	5.746E-03	5.966E+05	1.846E+07	-4.658E-02	3.414E-03

208	2	127.25	8	1.607E+04	-2.577E+04	8.738E+02	5.064E-03	5.756E+05	1.846E+07	-4.658E-02	3.302E-03
208	2	127.25	9	-2.154E+04	-2.572E+04	-1.581E+03	3.268E-02	-5.267E+05	1.846E+07	-4.659E-02	-2.587E-03
208	2	127.25	10	-2.151E+04	-2.572E+04	-1.627E+03	3.200E-02	-5.477E+05	1.846E+07	-4.659E-02	-2.699E-03
208	2	127.25	11	-2.567E+04	-2.575E+04	1.067E+03	5.711E-03	5.614E+05	1.845E+07	-4.656E-02	3.101E-03
208	2	127.25	12	-2.564E+04	-2.575E+04	1.021E+03	5.030E-03	5.404E+05	1.845E+07	-4.656E-02	2.989E-03
208	2	127.25	13	-2.128E+04	-2.572E+04	-1.698E+03	3.271E-02	-4.937E+05	1.846E+07	-4.659E-02	-2.306E-03
208	2	127.25	14	-2.125E+04	-2.572E+04	-1.744E+03	3.203E-02	-5.147E+05	1.846E+07	-4.659E-02	-2.418E-03
208	2	127.25	15	-2.541E+04	-2.575E+04	9.510E+02	5.746E-03	5.944E+05	1.845E+07	-4.656E-02	3.382E-03
208	2	127.25	16	-2.539E+04	-2.575E+04	9.051E+02	5.064E-03	5.734E+05	1.845E+07	-4.656E-02	3.270E-03
208	3	254.50	1	1.992E+04	-2.789E+04	-1.613E+03	3.268E-02	-3.224E+05	1.506E+07	-5.773E-02	-2.821E-03
208	3	254.50	2	1.995E+04	-2.789E+04	-1.658E+03	3.200E-02	-3.376E+05	1.506E+07	-5.773E-02	-2.953E-03
208	3	254.50	3	1.579E+04	-2.792E+04	1.036E+03	5.711E-03	4.347E+05	1.505E+07	-5.768E-02	3.803E-03
208	3	254.50	4	1.582E+04	-2.792E+04	9.902E+02	5.030E-03	4.196E+05	1.505E+07	-5.768E-02	3.670E-03
208	3	254.50	5	2.018E+04	-2.789E+04	-1.729E+03	3.271E-02	-2.746E+05	1.506E+07	-5.773E-02	-2.402E-03
208	3	254.50	6	2.020E+04	-2.789E+04	-1.775E+03	3.203E-02	-2.897E+05	1.506E+07	-5.773E-02	-2.535E-03
208	3	254.50	7	1.604E+04	-2.792E+04	9.197E+02	5.746E-03	4.826E+05	1.505E+07	-5.768E-02	4.222E-03
208	3	254.50	8	1.607E+04	-2.792E+04	8.738E+02	5.064E-03	4.674E+05	1.505E+07	-5.768E-02	4.089E-03
208	3	254.50	9	-2.153E+04	-2.787E+04	-1.581E+03	3.268E-02	-3.286E+05	1.505E+07	-5.771E-02	-2.874E-03
208	3	254.50	10	-2.151E+04	-2.787E+04	-1.627E+03	3.200E-02	-3.437E+05	1.505E+07	-5.771E-02	-3.007E-03
208	3	254.50	11	-2.567E+04	-2.791E+04	1.067E+03	5.711E-03	4.286E+05	1.504E+07	-5.766E-02	3.749E-03
208	3	254.50	12	-2.564E+04	-2.791E+04	1.021E+03	5.030E-03	4.135E+05	1.504E+07	-5.766E-02	3.617E-03
208	3	254.50	13	-2.128E+04	-2.787E+04	-1.698E+03	3.271E-02	-2.807E+05	1.505E+07	-5.771E-02	-2.456E-03
208	3	254.50	14	-2.125E+04	-2.787E+04	-1.744E+03	3.203E-02	-2.959E+05	1.505E+07	-5.770E-02	-2.588E-03
208	3	254.50	15	-2.541E+04	-2.790E+04	9.510E+02	5.746E-03	4.765E+05	1.504E+07	-5.766E-02	4.168E-03
208	3	254.50	16	-2.539E+04	-2.791E+04	9.051E+02	5.064E-03	4.613E+05	1.504E+07	-5.765E-02	4.036E-03
208	4	381.75	1	1.992E+04	-3.004E+04	-1.613E+03	3.268E-02	-1.250E+05	1.137E+07	-3.985E-02	-1.678E-03
208	4	381.75	2	1.995E+04	-3.004E+04	-1.658E+03	3.200E-02	-1.343E+05	1.137E+07	-3.985E-02	-1.765E-03
208	4	381.75	3	1.579E+04	-3.007E+04	1.036E+03	5.711E-03	3.107E+05	1.136E+07	-3.981E-02	2.575E-03
208	4	381.75	4	1.582E+04	-3.007E+04	9.902E+02	5.030E-03	3.014E+05	1.136E+07	-3.981E-02	2.489E-03
208	4	381.75	5	2.018E+04	-3.004E+04	-1.729E+03	3.271E-02	-6.235E+04	1.137E+07	-3.985E-02	-1.332E-03
208	4	381.75	6	2.021E+04	-3.004E+04	-1.775E+03	3.203E-02	-7.166E+04	1.137E+07	-3.985E-02	-1.418E-03
208	4	381.75	7	1.605E+04	-3.007E+04	9.197E+02	5.746E-03	3.733E+05	1.136E+07	-3.981E-02	2.922E-03
208	4	381.75	8	1.607E+04	-3.007E+04	8.738E+02	5.064E-03	3.640E+05	1.136E+07	-3.981E-02	2.835E-03
208	4	381.75	9	-2.153E+04	-3.003E+04	-1.581E+03	3.268E-02	-1.351E+05	1.137E+07	-3.984E-02	-1.727E-03
208	4	381.75	10	-2.151E+04	-3.003E+04	-1.627E+03	3.200E-02	-1.444E+05	1.137E+07	-3.984E-02	-1.813E-03
208	4	381.75	11	-2.567E+04	-3.006E+04	1.067E+03	5.711E-03	3.006E+05	1.135E+07	-3.980E-02	2.526E-03
208	4	381.75	12	-2.564E+04	-3.006E+04	1.021E+03	5.030E-03	2.913E+05	1.135E+07	-3.979E-02	2.440E-03
208	4	381.75	13	-2.128E+04	-3.003E+04	-1.698E+03	3.271E-02	-7.245E+04	1.137E+07	-3.984E-02	-1.380E-03
208	4	381.75	14	-2.125E+04	-3.003E+04	-1.744E+03	3.203E-02	-8.176E+04	1.137E+07	-3.984E-02	-1.467E-03
208	4	381.75	15	-2.541E+04	-3.006E+04	9.510E+02	5.746E-03	3.632E+05	1.135E+07	-3.980E-02	2.873E-03
208	4	381.75	16	-2.538E+04	-3.006E+04	9.051E+02	5.064E-03	3.539E+05	1.135E+07	-3.979E-02	2.786E-03
208	5	509.00	1	1.993E+04	-3.220E+04	-1.613E+03	3.268E-02	2.211E+05	7.414E+06	1.093E-08	-4.811E-10
208	5	509.00	2	1.995E+04	-3.220E+04	-1.658E+03	3.200E-02	2.176E+05	7.413E+06	1.093E-08	-5.129E-10
208	5	509.00	3	1.579E+04	-3.223E+04	1.036E+03	5.711E-03	3.795E+04	7.393E+06	1.094E-08	5.470E-10
208	5	509.00	4	1.582E+04	-3.223E+04	9.902E+02	5.030E-03	3.448E+04	7.392E+06	1.094E-08	5.152E-10
208	5	509.00	5	2.018E+04	-3.220E+04	-1.729E+03	3.271E-02	2.985E+05	7.414E+06	1.093E-08	-4.730E-10
208	5	509.00	6	2.021E+04	-3.220E+04	-1.775E+03	3.203E-02	2.951E+05	7.413E+06	1.093E-08	-5.048E-10
208	5	509.00	7	1.605E+04	-3.223E+04	9.197E+02	5.746E-03	1.154E+05	7.393E+06	1.094E-08	5.551E-10
208	5	509.00	8	1.607E+04	-3.223E+04	8.738E+02	5.064E-03	1.120E+05	7.392E+06	1.094E-08	5.233E-10
208	5	509.00	9	-2.153E+04	-3.218E+04	-1.581E+03	3.268E-02	2.070E+05	7.411E+06	1.092E-08	-4.854E-10
208	5	509.00	10	-2.150E+04	-3.218E+04	-1.627E+03	3.200E-02	2.035E+05	7.410E+06	1.092E-08	-5.173E-10
208	5	509.00	11	-2.566E+04	-3.221E+04	1.067E+03	5.711E-03	2.388E+04	7.390E+06	1.094E-08	5.426E-10
208	5	509.00	12	-2.564E+04	-3.221E+04	1.021E+03	5.030E-03	2.040E+04	7.389E+06	1.094E-08	5.108E-10
208	5	509.00	13	-2.127E+04	-3.218E+04	-1.698E+03	3.271E-02	2.845E+05	7.411E+06	1.092E-08	-4.773E-10
208	5	509.00	14	-2.125E+04	-3.218E+04	-1.744E+03	3.203E-02	2.810E+05	7.410E+06	1.092E-08	-5.091E-10
208	5	509.00	15	-2.541E+04	-3.221E+04	9.510E+02	5.746E-03	1.014E+05	7.389E+06	1.094E-08	5.508E-10
208	5	509.00	16	-2.538E+04	-3.221E+04	9.051E+02	5.064E-03	9.788E+04	7.389E+06	1.094E-08	5.190E-10
209	1	0.00	1	1.278E+04	-3.961E+04	-2.714E+03	-1.002E-01	-3.167E+05	7.396E+06	0.000E+00	0.000E+00
209	1	0.00	2	1.277E+04	-3.961E+04	-2.778E+03	-1.009E-01	-3.220E+05	7.396E+06	0.000E+00	0.000E+00
209	1	0.00	3	1.691E+04	-3.958E+04	9.538E+02	-1.267E-01	-6.785E+04	7.410E+06	0.000E+00	0.000E+00
209	1	0.00	4	1.690E+04	-3.957E+04	8.895E+02	-1.274E-01	-7.318E+04	7.410E+06	0.000E+00	0.000E+00
209	1	0.00	5	1.241E+04	-3.961E+04	-2.830E+03	-1.002E-01	-2.629E+05	7.396E+06	0.000E+00	0.000E+00

209	1	0.00	6	1.240E+04	-3.961E+04	-2.895E+03	-1.009E-01	-2.682E+05	7.396E+06	0.000E+00	0.000E+00
209	1	0.00	7	1.654E+04	-3.958E+04	8.375E+02	-1.267E-01	-1.405E+04	7.410E+06	0.000E+00	0.000E+00
209	1	0.00	8	1.653E+04	-3.958E+04	7.731E+02	-1.273E-01	-1.938E+04	7.410E+06	0.000E+00	0.000E+00
209	1	0.00	9	-2.196E+04	-3.959E+04	-2.632E+03	-1.002E-01	-3.025E+05	7.393E+06	0.000E+00	0.000E+00
209	1	0.00	10	-2.197E+04	-3.959E+04	-2.696E+03	-1.009E-01	-3.078E+05	7.393E+06	0.000E+00	0.000E+00
209	1	0.00	11	-1.783E+04	-3.956E+04	1.036E+03	-1.267E-01	-5.365E+04	7.407E+06	0.000E+00	0.000E+00
209	1	0.00	12	-1.784E+04	-3.956E+04	9.714E+02	-1.274E-01	-5.898E+04	7.407E+06	0.000E+00	0.000E+00
209	1	0.00	13	-2.233E+04	-3.959E+04	-2.748E+03	-1.002E-01	-2.487E+05	7.393E+06	0.000E+00	0.000E+00
209	1	0.00	14	-2.234E+04	-3.959E+04	-2.813E+03	-1.009E-01	-2.540E+05	7.393E+06	0.000E+00	0.000E+00
209	1	0.00	15	-1.820E+04	-3.956E+04	9.194E+02	-1.267E-01	1.470E+02	7.407E+06	0.000E+00	0.000E+00
209	1	0.00	16	-1.822E+04	-3.956E+04	8.550E+02	-1.273E-01	-5.182E+03	7.407E+06	0.000E+00	0.000E+00
209	2	45.25	1	1.279E+04	-4.037E+04	-2.714E+03	-1.002E-01	-8.563E+04	5.586E+06	-1.640E-03	-4.714E-05
209	2	45.25	2	1.277E+04	-4.037E+04	-2.778E+03	-1.009E-01	-8.805E+04	5.587E+06	-1.640E-03	-4.753E-05
209	2	45.25	3	1.691E+04	-4.034E+04	9.538E+02	-1.267E-01	-2.193E+05	5.602E+06	-1.645E-03	-1.618E-04
209	2	45.25	4	1.690E+04	-4.034E+04	8.895E+02	-1.274E-01	-2.217E+05	5.602E+06	-1.646E-03	-1.622E-04
209	2	45.25	5	1.241E+04	-4.037E+04	-2.830E+03	-1.002E-01	-2.656E+04	5.586E+06	-1.640E-03	4.775E-06
209	2	45.25	6	1.240E+04	-4.037E+04	-2.895E+03	-1.009E-01	-2.898E+04	5.587E+06	-1.640E-03	4.382E-06
209	2	45.25	7	1.654E+04	-4.034E+04	8.375E+02	-1.267E-01	-1.602E+05	5.602E+06	-1.645E-03	-1.099E-04
209	2	45.25	8	1.653E+04	-4.034E+04	7.731E+02	-1.273E-01	-1.626E+05	5.602E+06	-1.646E-03	-1.102E-04
209	2	45.25	9	-2.196E+04	-4.036E+04	-2.632E+03	-1.002E-01	-7.514E+04	5.584E+06	-1.639E-03	-4.049E-05
209	2	45.25	10	-2.197E+04	-4.036E+04	-2.696E+03	-1.009E-01	-7.756E+04	5.584E+06	-1.639E-03	-4.088E-05
209	2	45.25	11	-1.783E+04	-4.032E+04	1.036E+03	-1.267E-01	-2.088E+05	5.599E+06	-1.645E-03	-1.551E-04
209	2	45.25	12	-1.784E+04	-4.032E+04	9.714E+02	-1.274E-01	-2.112E+05	5.600E+06	-1.645E-03	-1.555E-04
209	2	45.25	13	-2.233E+04	-4.036E+04	-2.748E+03	-1.002E-01	-1.607E+04	5.584E+06	-1.639E-03	1.143E-05
209	2	45.25	14	-2.234E+04	-4.036E+04	-2.813E+03	-1.009E-01	-1.849E+04	5.584E+06	-1.639E-03	1.103E-05
209	2	45.25	15	-1.820E+04	-4.032E+04	9.194E+02	-1.267E-01	-1.497E+05	5.599E+06	-1.645E-03	-1.032E-04
209	2	45.25	16	-1.821E+04	-4.032E+04	8.550E+02	-1.273E-01	-1.521E+05	5.600E+06	-1.645E-03	-1.036E-04
209	3	90.50	1	1.279E+04	-4.114E+04	-2.714E+03	-1.002E-01	-2.765E+04	3.742E+06	-1.889E-03	-3.059E-05
209	3	90.50	2	1.277E+04	-4.114E+04	-2.778E+03	-1.009E-01	-2.716E+04	3.742E+06	-1.889E-03	-3.004E-05
209	3	90.50	3	1.691E+04	-4.111E+04	9.538E+02	-1.267E-01	-1.976E+05	3.759E+06	-1.897E-03	-2.186E-04
209	3	90.50	4	1.690E+04	-4.111E+04	8.895E+02	-1.274E-01	-1.971E+05	3.759E+06	-1.897E-03	-2.180E-04
209	3	90.50	5	1.241E+04	-4.114E+04	-2.830E+03	-1.002E-01	3.668E+04	3.742E+06	-1.889E-03	4.057E-05
209	3	90.50	6	1.240E+04	-4.114E+04	-2.895E+03	-1.009E-01	3.718E+04	3.743E+06	-1.889E-03	4.112E-05
209	3	90.50	7	1.654E+04	-4.111E+04	8.375E+02	-1.267E-01	-1.333E+05	3.759E+06	-1.897E-03	-1.474E-04
209	3	90.50	8	1.653E+04	-4.111E+04	7.731E+02	-1.273E-01	-1.328E+05	3.759E+06	-1.897E-03	-1.469E-04
209	3	90.50	9	-2.196E+04	-4.112E+04	-2.632E+03	-1.002E-01	-2.087E+04	3.741E+06	-1.888E-03	-2.309E-05
209	3	90.50	10	-2.197E+04	-4.112E+04	-2.696E+03	-1.009E-01	-2.037E+04	3.741E+06	-1.888E-03	-2.254E-05
209	3	90.50	11	-1.783E+04	-4.109E+04	1.036E+03	-1.267E-01	-1.908E+05	3.757E+06	-1.896E-03	-2.111E-04
209	3	90.50	12	-1.784E+04	-4.109E+04	9.714E+02	-1.274E-01	-1.903E+05	3.758E+06	-1.896E-03	-2.105E-04
209	3	90.50	13	-2.233E+04	-4.112E+04	-2.748E+03	-1.002E-01	4.346E+04	3.741E+06	-1.888E-03	4.807E-05
209	3	90.50	14	-2.234E+04	-4.112E+04	-2.813E+03	-1.009E-01	4.396E+04	3.741E+06	-1.888E-03	4.862E-05
209	3	90.50	15	-1.820E+04	-4.109E+04	9.194E+02	-1.267E-01	-1.265E+05	3.757E+06	-1.896E-03	-1.399E-04
209	3	90.50	16	-1.821E+04	-4.109E+04	8.550E+02	-1.273E-01	-1.260E+05	3.758E+06	-1.896E-03	-1.394E-04
209	4	135.75	1	1.279E+04	-4.191E+04	-2.714E+03	-1.002E-01	8.129E+04	1.863E+06	-1.191E-03	5.369E-06
209	4	135.75	2	1.277E+04	-4.190E+04	-2.778E+03	-1.009E-01	8.470E+04	1.864E+06	-1.191E-03	6.588E-06
209	4	135.75	3	1.691E+04	-4.187E+04	9.538E+02	-1.267E-01	-2.269E+05	1.881E+06	-1.197E-03	-1.702E-04
209	4	135.75	4	1.690E+04	-4.187E+04	8.895E+02	-1.274E-01	-2.235E+05	1.882E+06	-1.198E-03	-1.690E-04
209	4	135.75	5	1.242E+04	-4.191E+04	-2.830E+03	-1.002E-01	1.509E+05	1.863E+06	-1.191E-03	6.020E-05
209	4	135.75	6	1.240E+04	-4.191E+04	-2.895E+03	-1.009E-01	1.543E+05	1.864E+06	-1.191E-03	6.142E-05
209	4	135.75	7	1.654E+04	-4.187E+04	8.375E+02	-1.267E-01	-1.573E+05	1.881E+06	-1.198E-03	-1.154E-04
209	4	135.75	8	1.653E+04	-4.187E+04	7.731E+02	-1.273E-01	-1.539E+05	1.882E+06	-1.198E-03	-1.142E-04
209	4	135.75	9	-2.195E+04	-4.189E+04	-2.632E+03	-1.002E-01	8.436E+04	1.862E+06	-1.191E-03	9.969E-06
209	4	135.75	10	-2.197E+04	-4.189E+04	-2.696E+03	-1.009E-01	8.777E+04	1.863E+06	-1.191E-03	1.119E-05
209	4	135.75	11	-1.783E+04	-4.186E+04	1.036E+03	-1.267E-01	-2.239E+05	1.881E+06	-1.197E-03	-1.656E-04
209	4	135.75	12	-1.784E+04	-4.186E+04	9.714E+02	-1.274E-01	-2.204E+05	1.881E+06	-1.197E-03	-1.644E-04
209	4	135.75	13	-2.233E+04	-4.189E+04	-2.748E+03	-1.002E-01	1.540E+05	1.862E+06	-1.191E-03	6.480E-05
209	4	135.75	14	-2.234E+04	-4.189E+04	-2.813E+03	-1.009E-01	1.574E+05	1.863E+06	-1.191E-03	6.602E-05
209	4	135.75	15	-1.820E+04	-4.186E+04	9.194E+02	-1.267E-01	-1.543E+05	1.881E+06	-1.197E-03	-1.108E-04
209	4	135.75	16	-1.821E+04	-4.186E+04	8.550E+02	-1.273E-01	-1.508E+05	1.881E+06	-1.197E-03	-1.096E-04
209	5	181.00	1	1.279E+04	-4.267E+04	-2.714E+03	-1.002E-01	1.995E+05	-5.041E+04	-1.158E-10	3.311E-11
209	5	181.00	2	1.277E+04	-4.267E+04	-2.778E+03	-1.009E-01	2.058E+05	-4.991E+04	-1.157E-10	3.492E-11
209	5	181.00	3	1.692E+04	-4.264E+04	9.538E+02	-1.267E-01	-2.655E+05	-3.065E+04	-1.177E-10	6.889E-12

209	5	181.00	4	1.690E+04	-4.264E+04	8.895E+02	-1.274E-01	-2.592E+05	-3.015E+04	-1.176E-10	8.707E-12
209	5	181.00	5	1.242E+04	-4.267E+04	-2.830E+03	-1.002E-01	2.744E+05	-5.044E+04	-1.158E-10	2.413E-11
209	5	181.00	6	1.240E+04	-4.267E+04	-2.895E+03	-1.009E-01	2.807E+05	-4.994E+04	-1.157E-10	2.595E-11
209	5	181.00	7	1.654E+04	-4.264E+04	8.375E+02	-1.267E-01	-1.906E+05	-3.068E+04	-1.177E-10	-2.086E-12
209	5	181.00	8	1.653E+04	-4.264E+04	7.731E+02	-1.273E-01	-1.843E+05	-3.018E+04	-1.176E-10	-2.677E-13
209	5	181.00	9	-2.195E+04	-4.265E+04	-2.632E+03	-1.002E-01	1.988E+05	-5.041E+04	-1.160E-10	3.311E-11
209	5	181.00	10	-2.197E+04	-4.265E+04	-2.696E+03	-1.009E-01	2.052E+05	-4.991E+04	-1.160E-10	3.493E-11
209	5	181.00	11	-1.783E+04	-4.262E+04	1.036E+03	-1.267E-01	-2.661E+05	-3.065E+04	-1.179E-10	6.895E-12
209	5	181.00	12	-1.784E+04	-4.262E+04	9.714E+02	-1.274E-01	-2.598E+05	-3.015E+04	-1.179E-10	8.713E-12
209	5	181.00	13	-2.233E+04	-4.266E+04	-2.748E+03	-1.002E-01	2.737E+05	-5.044E+04	-1.160E-10	2.414E-11
209	5	181.00	14	-2.234E+04	-4.265E+04	-2.813E+03	-1.009E-01	2.800E+05	-4.994E+04	-1.160E-10	2.595E-11
209	5	181.00	15	-1.820E+04	-4.262E+04	9.194E+02	-1.267E-01	-1.913E+05	-3.068E+04	-1.179E-10	-2.080E-12
209	5	181.00	16	-1.821E+04	-4.262E+04	8.550E+02	-1.273E-01	-1.849E+05	-3.018E+04	-1.179E-10	-2.623E-13
210	1	0.00	1	1.653E+04	-3.958E+04	-7.731E+02	1.273E-01	1.938E+04	7.410E+06	0.000E+00	0.000E+00
210	1	0.00	2	1.654E+04	-3.958E+04	-8.375E+02	1.267E-01	1.405E+04	7.410E+06	0.000E+00	0.000E+00
210	1	0.00	3	1.240E+04	-3.961E+04	2.895E+03	1.009E-01	2.682E+05	7.396E+06	0.000E+00	0.000E+00
210	1	0.00	4	1.241E+04	-3.961E+04	2.830E+03	1.002E-01	2.629E+05	7.396E+06	0.000E+00	0.000E+00
210	1	0.00	5	1.690E+04	-3.957E+04	-8.895E+02	1.274E-01	7.318E+04	7.410E+06	0.000E+00	0.000E+00
210	1	0.00	6	1.691E+04	-3.958E+04	-9.538E+02	1.267E-01	6.785E+04	7.410E+06	0.000E+00	0.000E+00
210	1	0.00	7	1.277E+04	-3.961E+04	2.778E+03	1.009E-01	3.220E+05	7.396E+06	0.000E+00	0.000E+00
210	1	0.00	8	1.278E+04	-3.961E+04	2.714E+03	1.002E-01	3.167E+05	7.396E+06	0.000E+00	0.000E+00
210	1	0.00	9	-1.822E+04	-3.956E+04	-8.550E+02	1.273E-01	5.182E+03	7.407E+06	0.000E+00	0.000E+00
210	1	0.00	10	-1.820E+04	-3.956E+04	-9.194E+02	1.267E-01	-1.470E+02	7.407E+06	0.000E+00	0.000E+00
210	1	0.00	11	-2.234E+04	-3.959E+04	2.813E+03	1.009E-01	2.540E+05	7.393E+06	0.000E+00	0.000E+00
210	1	0.00	12	-2.233E+04	-3.959E+04	2.748E+03	1.002E-01	2.487E+05	7.393E+06	0.000E+00	0.000E+00
210	1	0.00	13	-1.784E+04	-3.956E+04	-9.714E+02	1.274E-01	5.898E+04	7.407E+06	0.000E+00	0.000E+00
210	1	0.00	14	-1.783E+04	-3.956E+04	-1.036E+03	1.267E-01	5.365E+04	7.407E+06	0.000E+00	0.000E+00
210	1	0.00	15	-2.197E+04	-3.959E+04	2.696E+03	1.009E-01	3.078E+05	7.393E+06	0.000E+00	0.000E+00
210	1	0.00	16	-2.196E+04	-3.959E+04	2.632E+03	1.002E-01	3.025E+05	7.393E+06	0.000E+00	0.000E+00
210	2	45.25	1	1.653E+04	-4.034E+04	-7.731E+02	1.273E-01	1.626E+05	5.602E+06	-1.646E-03	1.102E-04
210	2	45.25	2	1.654E+04	-4.034E+04	-8.375E+02	1.267E-01	1.602E+05	5.602E+06	-1.645E-03	1.099E-04
210	2	45.25	3	1.240E+04	-4.037E+04	2.895E+03	1.009E-01	2.898E+04	5.587E+06	-1.640E-03	-4.382E-06
210	2	45.25	4	1.241E+04	-4.037E+04	2.830E+03	1.002E-01	2.656E+04	5.586E+06	-1.640E-03	-4.775E-06
210	2	45.25	5	1.690E+04	-4.034E+04	-8.895E+02	1.274E-01	2.217E+05	5.602E+06	-1.646E-03	1.622E-04
210	2	45.25	6	1.691E+04	-4.034E+04	-9.538E+02	1.267E-01	2.193E+05	5.602E+06	-1.645E-03	1.618E-04
210	2	45.25	7	1.277E+04	-4.037E+04	2.778E+03	1.009E-01	8.805E+04	5.587E+06	-1.640E-03	4.753E-05
210	2	45.25	8	1.279E+04	-4.037E+04	2.714E+03	1.002E-01	8.563E+04	5.586E+06	-1.640E-03	4.714E-05
210	2	45.25	9	-1.821E+04	-4.032E+04	-8.550E+02	1.273E-01	1.521E+05	5.600E+06	-1.645E-03	1.036E-04
210	2	45.25	10	-1.820E+04	-4.032E+04	-9.194E+02	1.267E-01	1.497E+05	5.599E+06	-1.645E-03	1.032E-04
210	2	45.25	11	-2.234E+04	-4.036E+04	2.813E+03	1.009E-01	1.849E+04	5.584E+06	-1.639E-03	-1.103E-05
210	2	45.25	12	-2.233E+04	-4.036E+04	2.748E+03	1.002E-01	1.607E+04	5.584E+06	-1.639E-03	-1.143E-05
210	2	45.25	13	-1.784E+04	-4.032E+04	-9.714E+02	1.274E-01	2.112E+05	5.600E+06	-1.645E-03	1.555E-04
210	2	45.25	14	-1.783E+04	-4.032E+04	-1.036E+03	1.267E-01	2.088E+05	5.599E+06	-1.645E-03	1.551E-04
210	2	45.25	15	-2.197E+04	-4.036E+04	2.696E+03	1.009E-01	7.756E+04	5.584E+06	-1.639E-03	4.088E-05
210	2	45.25	16	-2.196E+04	-4.036E+04	2.632E+03	1.002E-01	7.514E+04	5.584E+06	-1.639E-03	4.049E-05
210	3	90.50	1	1.653E+04	-4.111E+04	-7.731E+02	1.273E-01	1.328E+05	3.759E+06	-1.897E-03	1.469E-04
210	3	90.50	2	1.654E+04	-4.111E+04	-8.375E+02	1.267E-01	1.333E+05	3.759E+06	-1.897E-03	1.474E-04
210	3	90.50	3	1.240E+04	-4.114E+04	2.895E+03	1.009E-01	-3.718E+04	3.743E+06	-1.889E-03	-4.112E-05
210	3	90.50	4	1.241E+04	-4.114E+04	2.830E+03	1.002E-01	-3.668E+04	3.742E+06	-1.889E-03	-4.057E-05
210	3	90.50	5	1.690E+04	-4.111E+04	-8.895E+02	1.274E-01	1.971E+05	3.759E+06	-1.897E-03	2.180E-04
210	3	90.50	6	1.691E+04	-4.111E+04	-9.538E+02	1.267E-01	1.976E+05	3.759E+06	-1.897E-03	2.186E-04
210	3	90.50	7	1.277E+04	-4.114E+04	2.778E+03	1.009E-01	2.716E+04	3.742E+06	-1.889E-03	3.004E-05
210	3	90.50	8	1.279E+04	-4.114E+04	2.714E+03	1.002E-01	2.765E+04	3.742E+06	-1.889E-03	3.059E-05
210	3	90.50	9	-1.821E+04	-4.109E+04	-8.550E+02	1.273E-01	1.260E+05	3.758E+06	-1.896E-03	1.394E-04
210	3	90.50	10	-1.820E+04	-4.109E+04	-9.194E+02	1.267E-01	1.265E+05	3.757E+06	-1.896E-03	1.399E-04
210	3	90.50	11	-2.234E+04	-4.112E+04	2.813E+03	1.009E-01	-4.396E+04	3.741E+06	-1.888E-03	-4.862E-05
210	3	90.50	12	-2.233E+04	-4.112E+04	2.748E+03	1.002E-01	-4.346E+04	3.741E+06	-1.888E-03	-4.807E-05
210	3	90.50	13	-1.784E+04	-4.109E+04	-9.714E+02	1.274E-01	1.903E+05	3.758E+06	-1.896E-03	2.105E-04
210	3	90.50	14	-1.783E+04	-4.109E+04	-1.036E+03	1.267E-01	1.908E+05	3.757E+06	-1.896E-03	2.111E-04
210	3	90.50	15	-2.197E+04	-4.112E+04	2.696E+03	1.009E-01	2.037E+04	3.741E+06	-1.888E-03	2.254E-05
210	3	90.50	16	-2.196E+04	-4.112E+04	2.632E+03	1.002E-01	2.087E+04	3.741E+06	-1.888E-03	2.309E-05
210	4	135.75	1	1.653E+04	-4.187E+04	-7.731E+02	1.273E-01	1.539E+05	1.882E+06	-1.198E-03	1.142E-04

210	4	135.75	2	1.654E+04	-4.187E+04	-8.375E+02	1.267E-01	1.573E+05	1.881E+06	-1.198E-03	1.154E-04
210	4	135.75	3	1.240E+04	-4.191E+04	2.895E+03	1.009E-01	-1.543E+05	1.864E+06	-1.191E-03	-6.142E-05
210	4	135.75	4	1.242E+04	-4.191E+04	2.830E+03	1.002E-01	-1.509E+05	1.863E+06	-1.191E-03	-6.020E-05
210	4	135.75	5	1.690E+04	-4.187E+04	-8.895E+02	1.274E-01	2.235E+05	1.882E+06	-1.198E-03	1.690E-04
210	4	135.75	6	1.691E+04	-4.187E+04	-9.538E+02	1.267E-01	2.269E+05	1.881E+06	-1.197E-03	1.702E-04
210	4	135.75	7	1.277E+04	-4.190E+04	2.778E+03	1.009E-01	-8.470E+04	1.864E+06	-1.191E-03	-6.588E-06
210	4	135.75	8	1.279E+04	-4.191E+04	2.714E+03	1.002E-01	-8.129E+04	1.863E+06	-1.191E-03	-5.369E-06
210	4	135.75	9	-1.821E+04	-4.186E+04	-8.550E+02	1.273E-01	1.508E+05	1.881E+06	-1.197E-03	1.096E-04
210	4	135.75	10	-1.820E+04	-4.186E+04	-9.194E+02	1.267E-01	1.543E+05	1.881E+06	-1.197E-03	1.108E-04
210	4	135.75	11	-2.234E+04	-4.189E+04	2.813E+03	1.009E-01	-1.574E+05	1.863E+06	-1.191E-03	-6.602E-05
210	4	135.75	12	-2.233E+04	-4.189E+04	2.748E+03	1.002E-01	-1.540E+05	1.862E+06	-1.191E-03	-6.480E-05
210	4	135.75	13	-1.784E+04	-4.186E+04	-9.714E+02	1.274E-01	2.204E+05	1.881E+06	-1.197E-03	1.644E-04
210	4	135.75	14	-1.783E+04	-4.186E+04	-1.036E+03	1.267E-01	2.239E+05	1.881E+06	-1.197E-03	1.656E-04
210	4	135.75	15	-2.197E+04	-4.189E+04	2.696E+03	1.009E-01	-8.777E+04	1.863E+06	-1.191E-03	-1.119E-05
210	4	135.75	16	-2.195E+04	-4.189E+04	2.632E+03	1.002E-01	-8.436E+04	1.862E+06	-1.191E-03	-9.969E-06
210	5	181.00	1	1.653E+04	-4.264E+04	-7.731E+02	1.273E-01	1.843E+05	-3.018E+04	-1.176E-10	2.737E-13
210	5	181.00	2	1.654E+04	-4.264E+04	-8.375E+02	1.267E-01	1.906E+05	-3.068E+04	-1.177E-10	2.092E-12
210	5	181.00	3	1.240E+04	-4.267E+04	2.895E+03	1.009E-01	-2.807E+05	-4.994E+04	-1.157E-10	-2.594E-11
210	5	181.00	4	1.242E+04	-4.267E+04	2.830E+03	1.002E-01	-2.744E+05	-5.044E+04	-1.158E-10	-2.412E-11
210	5	181.00	5	1.690E+04	-4.264E+04	-8.895E+02	1.274E-01	2.592E+05	-3.015E+04	-1.176E-10	-8.701E-12
210	5	181.00	6	1.692E+04	-4.264E+04	-9.538E+02	1.267E-01	2.655E+05	-3.065E+04	-1.177E-10	-6.883E-12
210	5	181.00	7	1.277E+04	-4.267E+04	2.778E+03	1.009E-01	-2.058E+05	-4.991E+04	-1.157E-10	-3.492E-11
210	5	181.00	8	1.279E+04	-4.267E+04	2.714E+03	1.002E-01	-1.995E+05	-5.041E+04	-1.158E-10	-3.310E-11
210	5	181.00	9	-1.821E+04	-4.262E+04	-8.550E+02	1.273E-01	1.849E+05	-3.018E+04	-1.179E-10	2.596E-13
210	5	181.00	10	-1.820E+04	-4.262E+04	-9.194E+02	1.267E-01	1.913E+05	-3.068E+04	-1.179E-10	2.078E-12
210	5	181.00	11	-2.234E+04	-4.265E+04	2.813E+03	1.009E-01	-2.800E+05	-4.994E+04	-1.160E-10	-2.596E-11
210	5	181.00	12	-2.233E+04	-4.266E+04	2.748E+03	1.002E-01	-2.737E+05	-5.044E+04	-1.160E-10	-2.414E-11
210	5	181.00	13	-1.784E+04	-4.262E+04	-9.714E+02	1.274E-01	2.598E+05	-3.015E+04	-1.179E-10	-8.716E-12
210	5	181.00	14	-1.783E+04	-4.262E+04	-1.036E+03	1.267E-01	2.661E+05	-3.065E+04	-1.179E-10	-6.898E-12
210	5	181.00	15	-2.197E+04	-4.265E+04	2.696E+03	1.009E-01	-2.052E+05	-4.991E+04	-1.160E-10	-3.493E-11
210	5	181.00	16	-2.195E+04	-4.265E+04	2.632E+03	1.002E-01	-1.988E+05	-5.041E+04	-1.160E-10	-3.311E-11
211	1	0.00	1	1.427E+02	1.168E+03	2.141E+01	-4.572E-16	1.477E+03	-4.030E+04	0.000E+00	0.000E+00
211	1	0.00	2	1.427E+02	1.168E+03	2.216E+01	-4.447E-16	1.529E+03	-4.030E+04	0.000E+00	0.000E+00
211	1	0.00	3	1.427E+02	1.168E+03	-2.216E+01	-1.208E-15	-1.529E+03	-4.030E+04	0.000E+00	0.000E+00
211	1	0.00	4	1.427E+02	1.168E+03	-2.141E+01	-1.196E-15	-1.477E+03	-4.030E+04	0.000E+00	0.000E+00
211	1	0.00	5	1.547E+02	1.168E+03	2.141E+01	-4.572E-16	1.477E+03	-4.030E+04	0.000E+00	0.000E+00
211	1	0.00	6	1.547E+02	1.168E+03	2.216E+01	-4.447E-16	1.529E+03	-4.030E+04	0.000E+00	0.000E+00
211	1	0.00	7	1.547E+02	1.168E+03	-2.216E+01	-1.208E-15	-1.529E+03	-4.030E+04	0.000E+00	0.000E+00
211	1	0.00	8	1.547E+02	1.168E+03	-2.141E+01	-1.196E-15	-1.477E+03	-4.030E+04	0.000E+00	0.000E+00
211	1	0.00	9	-1.547E+02	1.168E+03	2.141E+01	1.559E-15	1.477E+03	-4.030E+04	0.000E+00	0.000E+00
211	1	0.00	10	-1.547E+02	1.168E+03	2.216E+01	1.571E-15	1.529E+03	-4.030E+04	0.000E+00	0.000E+00
211	1	0.00	11	-1.547E+02	1.168E+03	-2.216E+01	8.076E-16	-1.529E+03	-4.030E+04	0.000E+00	0.000E+00
211	1	0.00	12	-1.547E+02	1.168E+03	-2.141E+01	8.200E-16	-1.477E+03	-4.030E+04	0.000E+00	0.000E+00
211	1	0.00	13	-1.427E+02	1.168E+03	2.141E+01	1.559E-15	1.477E+03	-4.030E+04	0.000E+00	0.000E+00
211	1	0.00	14	-1.427E+02	1.168E+03	2.216E+01	1.571E-15	1.529E+03	-4.030E+04	0.000E+00	0.000E+00
211	1	0.00	15	-1.427E+02	1.168E+03	-2.216E+01	8.076E-16	-1.529E+03	-4.030E+04	0.000E+00	0.000E+00
211	1	0.00	16	-1.427E+02	1.168E+03	-2.141E+01	8.200E-16	-1.477E+03	-4.030E+04	0.000E+00	0.000E+00
211	2	17.25	1	1.427E+02	8.760E+02	2.141E+01	-4.572E-16	1.108E+03	-2.267E+04	-9.208E-06	1.039E-07
211	2	17.25	2	1.427E+02	8.760E+02	2.216E+01	-4.447E-16	1.147E+03	-2.267E+04	-9.208E-06	1.075E-07
211	2	17.25	3	1.427E+02	8.760E+02	-2.216E+01	-1.208E-15	-1.147E+03	-2.267E+04	-9.208E-06	-1.075E-07
211	2	17.25	4	1.427E+02	8.760E+02	-2.141E+01	-1.196E-15	-1.108E+03	-2.267E+04	-9.208E-06	-1.039E-07
211	2	17.25	5	1.547E+02	8.760E+02	2.141E+01	-4.572E-16	1.108E+03	-2.267E+04	-9.208E-06	1.039E-07
211	2	17.25	6	1.547E+02	8.760E+02	2.216E+01	-4.447E-16	1.147E+03	-2.267E+04	-9.208E-06	1.075E-07
211	2	17.25	7	1.547E+02	8.760E+02	-2.216E+01	-1.208E-15	-1.147E+03	-2.267E+04	-9.208E-06	-1.075E-07
211	2	17.25	8	1.547E+02	8.760E+02	-2.141E+01	-1.196E-15	-1.108E+03	-2.267E+04	-9.208E-06	-1.039E-07
211	2	17.25	9	-1.547E+02	8.760E+02	2.141E+01	1.559E-15	1.108E+03	-2.267E+04	-9.208E-06	1.039E-07
211	2	17.25	10	-1.547E+02	8.760E+02	2.216E+01	1.571E-15	1.147E+03	-2.267E+04	-9.208E-06	1.075E-07
211	2	17.25	11	-1.547E+02	8.760E+02	-2.216E+01	8.076E-16	-1.147E+03	-2.267E+04	-9.208E-06	-1.075E-07
211	2	17.25	12	-1.547E+02	8.760E+02	-2.141E+01	8.200E-16	-1.108E+03	-2.267E+04	-9.208E-06	-1.039E-07
211	2	17.25	13	-1.427E+02	8.760E+02	2.141E+01	1.559E-15	1.108E+03	-2.267E+04	-9.208E-06	1.039E-07
211	2	17.25	14	-1.427E+02	8.760E+02	2.216E+01	1.571E-15	1.147E+03	-2.267E+04	-9.208E-06	1.075E-07
211	2	17.25	15	-1.427E+02	8.760E+02	-2.216E+01	8.076E-16	-1.147E+03	-2.267E+04	-9.208E-06	-1.075E-07

211	2	17.25	16	-1.427E+02	8.760E+02	-2.141E+01	8.200E-16	-1.108E+03	-2.267E+04	-9.208E-06	-1.039E-07
211	3	34.50	1	1.427E+02	5.840E+02	2.141E+01	-4.572E-16	7.385E+02	-1.007E+04	-1.254E-05	1.187E-07
211	3	34.50	2	1.427E+02	5.840E+02	2.216E+01	-4.447E-16	7.644E+02	-1.007E+04	-1.254E-05	1.229E-07
211	3	34.50	3	1.427E+02	5.840E+02	-2.216E+01	-1.208E-15	-7.644E+02	-1.007E+04	-1.254E-05	-1.229E-07
211	3	34.50	4	1.427E+02	5.840E+02	-2.141E+01	-1.196E-15	-7.385E+02	-1.007E+04	-1.254E-05	-1.187E-07
211	3	34.50	5	1.547E+02	5.840E+02	2.141E+01	-4.572E-16	7.385E+02	-1.007E+04	-1.254E-05	1.187E-07
211	3	34.50	6	1.547E+02	5.840E+02	2.216E+01	-4.447E-16	7.644E+02	-1.007E+04	-1.254E-05	1.229E-07
211	3	34.50	7	1.547E+02	5.840E+02	-2.216E+01	-1.208E-15	-7.644E+02	-1.007E+04	-1.254E-05	-1.229E-07
211	3	34.50	8	1.547E+02	5.840E+02	-2.141E+01	-1.196E-15	-7.385E+02	-1.007E+04	-1.254E-05	-1.187E-07
211	3	34.50	9	-1.547E+02	5.840E+02	2.141E+01	1.559E-15	7.385E+02	-1.007E+04	-1.254E-05	1.187E-07
211	3	34.50	10	-1.547E+02	5.840E+02	2.216E+01	1.571E-15	7.644E+02	-1.007E+04	-1.254E-05	1.229E-07
211	3	34.50	11	-1.547E+02	5.840E+02	-2.216E+01	8.076E-16	-7.644E+02	-1.007E+04	-1.254E-05	-1.229E-07
211	3	34.50	12	-1.547E+02	5.840E+02	-2.141E+01	8.200E-16	-7.385E+02	-1.007E+04	-1.254E-05	-1.187E-07
211	3	34.50	13	-1.427E+02	5.840E+02	2.141E+01	1.559E-15	7.385E+02	-1.007E+04	-1.254E-05	1.187E-07
211	3	34.50	14	-1.427E+02	5.840E+02	2.216E+01	1.571E-15	7.644E+02	-1.007E+04	-1.254E-05	1.229E-07
211	3	34.50	15	-1.427E+02	5.840E+02	-2.216E+01	8.076E-16	-7.644E+02	-1.007E+04	-1.254E-05	-1.229E-07
211	3	34.50	16	-1.427E+02	5.840E+02	-2.141E+01	8.200E-16	-7.385E+02	-1.007E+04	-1.254E-05	-1.187E-07
211	4	51.75	1	1.427E+02	2.920E+02	2.141E+01	-4.572E-16	3.693E+02	-2.518E+03	-9.561E-06	7.420E-08
211	4	51.75	2	1.427E+02	2.920E+02	2.216E+01	-4.447E-16	3.822E+02	-2.518E+03	-9.561E-06	7.679E-08
211	4	51.75	3	1.427E+02	2.920E+02	-2.216E+01	-1.208E-15	-3.822E+02	-2.518E+03	-9.561E-06	-7.679E-08
211	4	51.75	4	1.427E+02	2.920E+02	-2.141E+01	-1.196E-15	-3.693E+02	-2.518E+03	-9.561E-06	-7.420E-08
211	4	51.75	5	1.547E+02	2.920E+02	2.141E+01	-4.572E-16	3.693E+02	-2.518E+03	-9.561E-06	7.420E-08
211	4	51.75	6	1.547E+02	2.920E+02	2.216E+01	-4.447E-16	3.822E+02	-2.518E+03	-9.561E-06	7.679E-08
211	4	51.75	7	1.547E+02	2.920E+02	-2.216E+01	-1.208E-15	-3.822E+02	-2.518E+03	-9.561E-06	-7.679E-08
211	4	51.75	8	1.547E+02	2.920E+02	-2.141E+01	-1.196E-15	-3.693E+02	-2.518E+03	-9.561E-06	-7.420E-08
211	4	51.75	9	-1.547E+02	2.920E+02	2.141E+01	1.559E-15	3.693E+02	-2.518E+03	-9.561E-06	7.420E-08
211	4	51.75	10	-1.547E+02	2.920E+02	2.216E+01	1.571E-15	3.822E+02	-2.518E+03	-9.561E-06	7.679E-08
211	4	51.75	11	-1.547E+02	2.920E+02	-2.216E+01	8.076E-16	-3.822E+02	-2.518E+03	-9.561E-06	-7.679E-08
211	4	51.75	12	-1.547E+02	2.920E+02	-2.141E+01	8.200E-16	-3.693E+02	-2.518E+03	-9.561E-06	-7.420E-08
211	4	51.75	13	-1.427E+02	2.920E+02	2.141E+01	1.559E-15	3.693E+02	-2.518E+03	-9.561E-06	7.420E-08
211	4	51.75	14	-1.427E+02	2.920E+02	2.216E+01	1.571E-15	3.822E+02	-2.518E+03	-9.561E-06	7.679E-08
211	4	51.75	15	-1.427E+02	2.920E+02	-2.216E+01	8.076E-16	-3.822E+02	-2.518E+03	-9.561E-06	-7.679E-08
211	4	51.75	16	-1.427E+02	2.920E+02	-2.141E+01	8.200E-16	-3.693E+02	-2.518E+03	-9.561E-06	-7.420E-08
211	5	69.00	1	1.427E+02	-1.433E-09	2.141E+01	-4.572E-16	-3.038E-08	-8.528E-09	3.807E-13	-2.726E-14
211	5	69.00	2	1.427E+02	-1.441E-09	2.216E+01	-4.447E-16	-3.114E-08	-8.980E-09	3.807E-13	-2.624E-14
211	5	69.00	3	1.427E+02	-5.102E-10	-2.216E+01	-1.208E-15	3.235E-08	2.207E-08	3.807E-13	2.624E-14
211	5	69.00	4	1.427E+02	-5.185E-10	-2.141E+01	-1.196E-15	3.159E-08	2.162E-08	3.807E-13	2.726E-14
211	5	69.00	5	1.547E+02	-1.433E-09	2.141E+01	-4.572E-16	-3.026E-08	-8.538E-09	3.807E-13	-2.726E-14
211	5	69.00	6	1.547E+02	-1.442E-09	2.216E+01	-4.447E-16	-3.102E-08	-8.990E-09	3.807E-13	-2.624E-14
211	5	69.00	7	1.547E+02	-5.104E-10	-2.216E+01	-1.208E-15	3.247E-08	2.206E-08	3.807E-13	2.624E-14
211	5	69.00	8	1.547E+02	-5.188E-10	-2.141E+01	-1.196E-15	3.171E-08	2.161E-08	3.807E-13	2.726E-14
211	5	69.00	9	-1.547E+02	1.099E-09	2.141E+01	1.559E-15	-3.405E-08	9.913E-08	3.807E-13	-2.726E-14
211	5	69.00	10	-1.547E+02	1.091E-09	2.216E+01	1.571E-15	-3.481E-08	9.868E-08	3.807E-13	-2.624E-14
211	5	69.00	11	-1.547E+02	2.022E-09	-2.216E+01	8.076E-16	2.867E-08	1.297E-07	3.807E-13	2.624E-14
211	5	69.00	12	-1.547E+02	2.013E-09	-2.141E+01	8.200E-16	2.791E-08	1.293E-07	3.807E-13	2.726E-14
211	5	69.00	13	-1.427E+02	1.099E-09	2.141E+01	1.559E-15	-3.393E-08	9.912E-08	3.807E-13	-2.726E-14
211	5	69.00	14	-1.427E+02	1.090E-09	2.216E+01	1.571E-15	-3.469E-08	9.867E-08	3.807E-13	-2.624E-14
211	5	69.00	15	-1.427E+02	2.022E-09	-2.216E+01	8.076E-16	2.879E-08	1.297E-07	3.807E-13	2.624E-14
211	5	69.00	16	-1.427E+02	2.013E-09	-2.141E+01	8.200E-16	2.803E-08	1.293E-07	3.807E-13	2.726E-14
212	1	0.00	1	1.547E+02	1.168E+03	2.141E+01	1.413E-15	1.477E+03	-4.030E+04	0.000E+00	0.000E+00
212	1	0.00	2	1.547E+02	1.168E+03	2.216E+01	1.405E-15	1.529E+03	-4.030E+04	0.000E+00	0.000E+00
212	1	0.00	3	1.547E+02	1.168E+03	-2.216E+01	1.058E-15	-1.529E+03	-4.030E+04	0.000E+00	0.000E+00
212	1	0.00	4	1.547E+02	1.168E+03	-2.141E+01	1.049E-15	-1.477E+03	-4.030E+04	0.000E+00	0.000E+00
212	1	0.00	5	1.427E+02	1.168E+03	2.141E+01	1.415E-15	1.477E+03	-4.030E+04	0.000E+00	0.000E+00
212	1	0.00	6	1.427E+02	1.168E+03	2.216E+01	1.407E-15	1.529E+03	-4.030E+04	0.000E+00	0.000E+00
212	1	0.00	7	1.427E+02	1.168E+03	-2.216E+01	1.060E-15	-1.529E+03	-4.030E+04	0.000E+00	0.000E+00
212	1	0.00	8	1.427E+02	1.168E+03	-2.141E+01	1.052E-15	-1.477E+03	-4.030E+04	0.000E+00	0.000E+00
212	1	0.00	9	-1.427E+02	1.168E+03	2.141E+01	-1.071E-15	1.477E+03	-4.030E+04	0.000E+00	0.000E+00
212	1	0.00	10	-1.427E+02	1.168E+03	2.216E+01	-1.080E-15	1.529E+03	-4.030E+04	0.000E+00	0.000E+00
212	1	0.00	11	-1.427E+02	1.168E+03	-2.216E+01	-1.427E-15	-1.529E+03	-4.030E+04	0.000E+00	0.000E+00
212	1	0.00	12	-1.427E+02	1.168E+03	-2.141E+01	-1.435E-15	-1.477E+03	-4.030E+04	0.000E+00	0.000E+00
212	1	0.00	13	-1.547E+02	1.168E+03	2.141E+01	-1.069E-15	1.477E+03	-4.030E+04	0.000E+00	0.000E+00

212	1	0.00	14	-1.547E+02	1.168E+03	2.216E+01	-1.077E-15	1.529E+03	-4.030E+04	0.000E+00	0.000E+00
212	1	0.00	15	-1.547E+02	1.168E+03	-2.216E+01	-1.424E-15	-1.529E+03	-4.030E+04	0.000E+00	0.000E+00
212	1	0.00	16	-1.547E+02	1.168E+03	-2.141E+01	-1.433E-15	-1.477E+03	-4.030E+04	0.000E+00	0.000E+00
212	2	17.25	1	1.547E+02	8.760E+02	2.141E+01	1.413E-15	1.108E+03	-2.267E+04	-9.208E-06	1.039E-07
212	2	17.25	2	1.547E+02	8.760E+02	2.216E+01	1.405E-15	1.147E+03	-2.267E+04	-9.208E-06	1.075E-07
212	2	17.25	3	1.547E+02	8.760E+02	-2.216E+01	1.058E-15	-1.147E+03	-2.267E+04	-9.208E-06	-1.075E-07
212	2	17.25	4	1.547E+02	8.760E+02	-2.141E+01	1.049E-15	-1.108E+03	-2.267E+04	-9.208E-06	-1.039E-07
212	2	17.25	5	1.427E+02	8.760E+02	2.141E+01	1.415E-15	1.108E+03	-2.267E+04	-9.208E-06	1.039E-07
212	2	17.25	6	1.427E+02	8.760E+02	2.216E+01	1.407E-15	1.147E+03	-2.267E+04	-9.208E-06	1.075E-07
212	2	17.25	7	1.427E+02	8.760E+02	-2.216E+01	1.060E-15	-1.147E+03	-2.267E+04	-9.208E-06	-1.075E-07
212	2	17.25	8	1.427E+02	8.760E+02	-2.141E+01	1.052E-15	-1.108E+03	-2.267E+04	-9.208E-06	-1.039E-07
212	2	17.25	9	-1.427E+02	8.760E+02	2.141E+01	-1.071E-15	1.108E+03	-2.267E+04	-9.208E-06	1.039E-07
212	2	17.25	10	-1.427E+02	8.760E+02	2.216E+01	-1.080E-15	1.147E+03	-2.267E+04	-9.208E-06	1.075E-07
212	2	17.25	11	-1.427E+02	8.760E+02	-2.216E+01	-1.427E-15	-1.147E+03	-2.267E+04	-9.208E-06	-1.075E-07
212	2	17.25	12	-1.427E+02	8.760E+02	-2.141E+01	-1.435E-15	-1.108E+03	-2.267E+04	-9.208E-06	-1.039E-07
212	2	17.25	13	-1.547E+02	8.760E+02	2.141E+01	-1.069E-15	1.108E+03	-2.267E+04	-9.208E-06	1.039E-07
212	2	17.25	14	-1.547E+02	8.760E+02	2.216E+01	-1.077E-15	1.147E+03	-2.267E+04	-9.208E-06	1.075E-07
212	2	17.25	15	-1.547E+02	8.760E+02	-2.216E+01	-1.424E-15	-1.147E+03	-2.267E+04	-9.208E-06	-1.075E-07
212	2	17.25	16	-1.547E+02	8.760E+02	-2.141E+01	-1.433E-15	-1.108E+03	-2.267E+04	-9.208E-06	-1.039E-07
212	3	34.50	1	1.547E+02	5.840E+02	2.141E+01	1.413E-15	7.385E+02	-1.007E+04	-1.254E-05	1.187E-07
212	3	34.50	2	1.547E+02	5.840E+02	2.216E+01	1.405E-15	7.644E+02	-1.007E+04	-1.254E-05	1.229E-07
212	3	34.50	3	1.547E+02	5.840E+02	-2.216E+01	1.058E-15	-7.644E+02	-1.007E+04	-1.254E-05	-1.229E-07
212	3	34.50	4	1.547E+02	5.840E+02	-2.141E+01	1.049E-15	-7.385E+02	-1.007E+04	-1.254E-05	-1.187E-07
212	3	34.50	5	1.427E+02	5.840E+02	2.141E+01	1.415E-15	7.385E+02	-1.007E+04	-1.254E-05	1.187E-07
212	3	34.50	6	1.427E+02	5.840E+02	2.216E+01	1.407E-15	7.644E+02	-1.007E+04	-1.254E-05	1.229E-07
212	3	34.50	7	1.427E+02	5.840E+02	-2.216E+01	1.060E-15	-7.644E+02	-1.007E+04	-1.254E-05	-1.229E-07
212	3	34.50	8	1.427E+02	5.840E+02	-2.141E+01	1.052E-15	-7.385E+02	-1.007E+04	-1.254E-05	-1.187E-07
212	3	34.50	9	-1.427E+02	5.840E+02	2.141E+01	-1.071E-15	7.385E+02	-1.007E+04	-1.254E-05	1.187E-07
212	3	34.50	10	-1.427E+02	5.840E+02	2.216E+01	-1.080E-15	7.644E+02	-1.007E+04	-1.254E-05	1.229E-07
212	3	34.50	11	-1.427E+02	5.840E+02	-2.216E+01	-1.427E-15	-7.644E+02	-1.007E+04	-1.254E-05	-1.229E-07
212	3	34.50	12	-1.427E+02	5.840E+02	-2.141E+01	-1.435E-15	-7.385E+02	-1.007E+04	-1.254E-05	-1.187E-07
212	3	34.50	13	-1.547E+02	5.840E+02	2.141E+01	-1.069E-15	7.385E+02	-1.007E+04	-1.254E-05	1.187E-07
212	3	34.50	14	-1.547E+02	5.840E+02	2.216E+01	-1.077E-15	7.644E+02	-1.007E+04	-1.254E-05	1.229E-07
212	3	34.50	15	-1.547E+02	5.840E+02	-2.216E+01	-1.424E-15	-7.644E+02	-1.007E+04	-1.254E-05	-1.229E-07
212	3	34.50	16	-1.547E+02	5.840E+02	-2.141E+01	-1.433E-15	-7.385E+02	-1.007E+04	-1.254E-05	-1.187E-07
212	4	51.75	1	1.547E+02	2.920E+02	2.141E+01	1.413E-15	3.693E+02	-2.518E+03	-9.561E-06	7.420E-08
212	4	51.75	2	1.547E+02	2.920E+02	2.216E+01	1.405E-15	3.822E+02	-2.518E+03	-9.561E-06	7.679E-08
212	4	51.75	3	1.547E+02	2.920E+02	-2.216E+01	1.058E-15	-3.822E+02	-2.518E+03	-9.561E-06	-7.679E-08
212	4	51.75	4	1.547E+02	2.920E+02	-2.141E+01	1.049E-15	-3.693E+02	-2.518E+03	-9.561E-06	-7.420E-08
212	4	51.75	5	1.427E+02	2.920E+02	2.141E+01	1.415E-15	3.693E+02	-2.518E+03	-9.561E-06	7.420E-08
212	4	51.75	6	1.427E+02	2.920E+02	2.216E+01	1.407E-15	3.822E+02	-2.518E+03	-9.561E-06	7.679E-08
212	4	51.75	7	1.427E+02	2.920E+02	-2.216E+01	1.060E-15	-3.822E+02	-2.518E+03	-9.561E-06	-7.679E-08
212	4	51.75	8	1.427E+02	2.920E+02	-2.141E+01	1.052E-15	-3.693E+02	-2.518E+03	-9.561E-06	-7.420E-08
212	4	51.75	9	-1.427E+02	2.920E+02	2.141E+01	-1.071E-15	3.693E+02	-2.518E+03	-9.561E-06	7.420E-08
212	4	51.75	10	-1.427E+02	2.920E+02	2.216E+01	-1.080E-15	3.822E+02	-2.518E+03	-9.561E-06	7.679E-08
212	4	51.75	11	-1.427E+02	2.920E+02	-2.216E+01	-1.427E-15	-3.822E+02	-2.518E+03	-9.561E-06	-7.679E-08
212	4	51.75	12	-1.427E+02	2.920E+02	-2.141E+01	-1.435E-15	-3.693E+02	-2.518E+03	-9.561E-06	-7.420E-08
212	4	51.75	13	-1.547E+02	2.920E+02	2.141E+01	-1.069E-15	3.693E+02	-2.518E+03	-9.561E-06	7.420E-08
212	4	51.75	14	-1.547E+02	2.920E+02	2.216E+01	-1.077E-15	3.822E+02	-2.518E+03	-9.561E-06	7.679E-08
212	4	51.75	15	-1.547E+02	2.920E+02	-2.216E+01	-1.424E-15	-3.822E+02	-2.518E+03	-9.561E-06	-7.679E-08
212	4	51.75	16	-1.547E+02	2.920E+02	-2.141E+01	-1.433E-15	-3.693E+02	-2.518E+03	-9.561E-06	-7.420E-08
212	5	69.00	1	1.547E+02	6.884E-10	2.141E+01	1.413E-15	5.294E-09	4.147E-08	3.808E-13	-2.724E-14
212	5	69.00	2	1.547E+02	6.741E-10	2.216E+01	1.405E-15	5.819E-09	4.104E-08	3.808E-13	-2.623E-14
212	5	69.00	3	1.547E+02	5.771E-10	-2.216E+01	1.058E-15	-8.844E-08	2.839E-08	3.808E-13	2.623E-14
212	5	69.00	4	1.547E+02	5.628E-10	-2.141E+01	1.049E-15	-8.791E-08	2.796E-08	3.808E-13	2.724E-14
212	5	69.00	5	1.427E+02	6.868E-10	2.141E+01	1.415E-15	5.558E-09	4.136E-08	3.808E-13	-2.724E-14
212	5	69.00	6	1.427E+02	6.725E-10	2.216E+01	1.407E-15	6.084E-09	4.093E-08	3.808E-13	-2.623E-14
212	5	69.00	7	1.427E+02	5.756E-10	-2.216E+01	1.060E-15	-8.818E-08	2.828E-08	3.808E-13	2.623E-14
212	5	69.00	8	1.427E+02	5.612E-10	-2.141E+01	1.052E-15	-8.765E-08	2.785E-08	3.808E-13	2.724E-14
212	5	69.00	9	-1.427E+02	1.791E-10	2.141E+01	-1.071E-15	8.053E-08	1.005E-08	3.808E-13	-2.724E-14
212	5	69.00	10	-1.427E+02	1.647E-10	2.216E+01	-1.080E-15	8.105E-08	9.625E-09	3.808E-13	-2.623E-14
212	5	69.00	11	-1.427E+02	6.782E-11	-2.216E+01	-1.427E-15	-1.320E-08	-3.028E-09	3.808E-13	2.623E-14

212	5	69.00	12	-1.427E+02	5.349E-11	-2.141E+01	-1.435E-15	-1.268E-08	-3.458E-09	3.808E-13	2.724E-14
212	5	69.00	13	-1.547E+02	1.775E-10	2.141E+01	-1.069E-15	8.079E-08	9.946E-09	3.808E-13	-2.724E-14
212	5	69.00	14	-1.547E+02	1.632E-10	2.216E+01	-1.077E-15	8.132E-08	9.517E-09	3.808E-13	-2.623E-14
212	5	69.00	15	-1.547E+02	6.624E-11	-2.216E+01	-1.424E-15	-1.294E-08	-3.137E-09	3.808E-13	2.623E-14
212	5	69.00	16	-1.547E+02	5.192E-11	-2.141E+01	-1.433E-15	-1.242E-08	-3.566E-09	3.808E-13	2.724E-14
213	1	0.00	1	-1.437E+02	-1.872E-10	-2.125E+01	0.000E+00	-1.936E-08	6.552E-08	0.000E+00	0.000E+00
213	1	0.00	2	-1.437E+02	-1.900E-10	-2.199E+01	0.000E+00	-1.975E-08	6.561E-08	0.000E+00	0.000E+00
213	1	0.00	3	-1.437E+02	4.930E-11	2.199E+01	0.000E+00	2.017E-08	5.504E-08	0.000E+00	0.000E+00
213	1	0.00	4	-1.437E+02	4.644E-11	2.125E+01	0.000E+00	1.978E-08	5.512E-08	0.000E+00	0.000E+00
213	1	0.00	5	-1.557E+02	-1.872E-10	-2.125E+01	0.000E+00	-1.959E-08	6.552E-08	0.000E+00	0.000E+00
213	1	0.00	6	-1.557E+02	-1.901E-10	-2.199E+01	0.000E+00	-1.998E-08	6.561E-08	0.000E+00	0.000E+00
213	1	0.00	7	-1.557E+02	4.928E-11	2.199E+01	0.000E+00	1.994E-08	5.504E-08	0.000E+00	0.000E+00
213	1	0.00	8	-1.557E+02	4.642E-11	2.125E+01	0.000E+00	1.955E-08	5.512E-08	0.000E+00	0.000E+00
213	1	0.00	9	1.557E+02	-4.928E-10	-2.125E+01	0.000E+00	-1.929E-08	6.552E-08	0.000E+00	0.000E+00
213	1	0.00	10	1.557E+02	-4.956E-10	-2.199E+01	0.000E+00	-1.968E-08	6.561E-08	0.000E+00	0.000E+00
213	1	0.00	11	1.557E+02	-2.563E-10	2.199E+01	0.000E+00	2.024E-08	5.504E-08	0.000E+00	0.000E+00
213	1	0.00	12	1.557E+02	-2.592E-10	2.125E+01	0.000E+00	1.985E-08	5.512E-08	0.000E+00	0.000E+00
213	1	0.00	13	1.437E+02	-4.928E-10	-2.125E+01	0.000E+00	-1.952E-08	6.552E-08	0.000E+00	0.000E+00
213	1	0.00	14	1.437E+02	-4.957E-10	-2.199E+01	0.000E+00	-1.991E-08	6.561E-08	0.000E+00	0.000E+00
213	1	0.00	15	1.437E+02	-2.563E-10	2.199E+01	0.000E+00	2.001E-08	5.504E-08	0.000E+00	0.000E+00
213	1	0.00	16	1.437E+02	-2.592E-10	2.125E+01	0.000E+00	1.962E-08	5.512E-08	0.000E+00	0.000E+00
213	2	17.25	1	-1.437E+02	-2.920E+02	-2.125E+01	0.000E+00	3.665E+02	-2.518E+03	-9.561E-06	7.365E-08
213	2	17.25	2	-1.437E+02	-2.920E+02	-2.199E+01	0.000E+00	3.793E+02	-2.518E+03	-9.561E-06	7.622E-08
213	2	17.25	3	-1.437E+02	-2.920E+02	2.199E+01	0.000E+00	-3.793E+02	-2.518E+03	-9.561E-06	-7.622E-08
213	2	17.25	4	-1.437E+02	-2.920E+02	2.125E+01	0.000E+00	-3.665E+02	-2.518E+03	-9.561E-06	-7.365E-08
213	2	17.25	5	-1.557E+02	-2.920E+02	-2.125E+01	0.000E+00	3.665E+02	-2.518E+03	-9.561E-06	7.365E-08
213	2	17.25	6	-1.557E+02	-2.920E+02	-2.199E+01	0.000E+00	3.793E+02	-2.518E+03	-9.561E-06	7.622E-08
213	2	17.25	7	-1.557E+02	-2.920E+02	2.199E+01	0.000E+00	-3.793E+02	-2.518E+03	-9.561E-06	-7.622E-08
213	2	17.25	8	-1.557E+02	-2.920E+02	2.125E+01	0.000E+00	-3.665E+02	-2.518E+03	-9.561E-06	-7.365E-08
213	2	17.25	9	1.557E+02	-2.920E+02	-2.125E+01	0.000E+00	3.665E+02	-2.518E+03	-9.561E-06	7.365E-08
213	2	17.25	10	1.557E+02	-2.920E+02	-2.199E+01	0.000E+00	3.793E+02	-2.518E+03	-9.561E-06	7.622E-08
213	2	17.25	11	1.557E+02	-2.920E+02	2.199E+01	0.000E+00	-3.793E+02	-2.518E+03	-9.561E-06	-7.622E-08
213	2	17.25	12	1.557E+02	-2.920E+02	2.125E+01	0.000E+00	-3.665E+02	-2.518E+03	-9.561E-06	-7.365E-08
213	2	17.25	13	1.437E+02	-2.920E+02	-2.125E+01	0.000E+00	3.665E+02	-2.518E+03	-9.561E-06	7.365E-08
213	2	17.25	14	1.437E+02	-2.920E+02	-2.199E+01	0.000E+00	3.793E+02	-2.518E+03	-9.561E-06	7.622E-08
213	2	17.25	15	1.437E+02	-2.920E+02	2.199E+01	0.000E+00	-3.793E+02	-2.518E+03	-9.561E-06	-7.622E-08
213	2	17.25	16	1.437E+02	-2.920E+02	2.125E+01	0.000E+00	-3.665E+02	-2.518E+03	-9.561E-06	-7.365E-08
213	3	34.50	1	-1.437E+02	-5.840E+02	-2.125E+01	0.000E+00	7.330E+02	-1.007E+04	-1.254E-05	1.178E-07
213	3	34.50	2	-1.437E+02	-5.840E+02	-2.199E+01	0.000E+00	7.586E+02	-1.007E+04	-1.254E-05	1.219E-07
213	3	34.50	3	-1.437E+02	-5.840E+02	2.199E+01	0.000E+00	-7.586E+02	-1.007E+04	-1.254E-05	-1.219E-07
213	3	34.50	4	-1.437E+02	-5.840E+02	2.125E+01	0.000E+00	-7.330E+02	-1.007E+04	-1.254E-05	-1.178E-07
213	3	34.50	5	-1.557E+02	-5.840E+02	-2.125E+01	0.000E+00	7.330E+02	-1.007E+04	-1.254E-05	1.178E-07
213	3	34.50	6	-1.557E+02	-5.840E+02	-2.199E+01	0.000E+00	7.586E+02	-1.007E+04	-1.254E-05	1.219E-07
213	3	34.50	7	-1.557E+02	-5.840E+02	2.199E+01	0.000E+00	-7.586E+02	-1.007E+04	-1.254E-05	-1.219E-07
213	3	34.50	8	-1.557E+02	-5.840E+02	2.125E+01	0.000E+00	-7.330E+02	-1.007E+04	-1.254E-05	-1.178E-07
213	3	34.50	9	1.557E+02	-5.840E+02	-2.125E+01	0.000E+00	7.330E+02	-1.007E+04	-1.254E-05	1.178E-07
213	3	34.50	10	1.557E+02	-5.840E+02	-2.199E+01	0.000E+00	7.586E+02	-1.007E+04	-1.254E-05	1.219E-07
213	3	34.50	11	1.557E+02	-5.840E+02	2.199E+01	0.000E+00	-7.586E+02	-1.007E+04	-1.254E-05	-1.219E-07
213	3	34.50	12	1.557E+02	-5.840E+02	2.125E+01	0.000E+00	-7.330E+02	-1.007E+04	-1.254E-05	-1.178E-07
213	3	34.50	13	1.437E+02	-5.840E+02	-2.125E+01	0.000E+00	7.330E+02	-1.007E+04	-1.254E-05	1.178E-07
213	3	34.50	14	1.437E+02	-5.840E+02	-2.199E+01	0.000E+00	7.586E+02	-1.007E+04	-1.254E-05	1.219E-07
213	3	34.50	15	1.437E+02	-5.840E+02	2.199E+01	0.000E+00	-7.586E+02	-1.007E+04	-1.254E-05	-1.219E-07
213	3	34.50	16	1.437E+02	-5.840E+02	2.125E+01	0.000E+00	-7.330E+02	-1.007E+04	-1.254E-05	-1.178E-07
213	4	51.75	1	-1.437E+02	-8.760E+02	-2.125E+01	0.000E+00	1.100E+03	-2.267E+04	-9.208E-06	1.031E-07
213	4	51.75	2	-1.437E+02	-8.760E+02	-2.199E+01	0.000E+00	1.138E+03	-2.267E+04	-9.208E-06	1.067E-07
213	4	51.75	3	-1.437E+02	-8.760E+02	2.199E+01	0.000E+00	-1.138E+03	-2.267E+04	-9.208E-06	-1.067E-07
213	4	51.75	4	-1.437E+02	-8.760E+02	2.125E+01	0.000E+00	-1.100E+03	-2.267E+04	-9.208E-06	-1.031E-07
213	4	51.75	5	-1.557E+02	-8.760E+02	-2.125E+01	0.000E+00	1.100E+03	-2.267E+04	-9.208E-06	1.031E-07
213	4	51.75	6	-1.557E+02	-8.760E+02	-2.199E+01	0.000E+00	1.138E+03	-2.267E+04	-9.208E-06	1.067E-07
213	4	51.75	7	-1.557E+02	-8.760E+02	2.199E+01	0.000E+00	-1.138E+03	-2.267E+04	-9.208E-06	-1.067E-07
213	4	51.75	8	-1.557E+02	-8.760E+02	2.125E+01	0.000E+00	-1.100E+03	-2.267E+04	-9.208E-06	-1.031E-07
213	4	51.75	9	1.557E+02	-8.760E+02	-2.125E+01	0.000E+00	1.100E+03	-2.267E+04	-9.208E-06	1.031E-07

213	4	51.75	10	1.557E+02	-8.760E+02	-2.199E+01	0.000E+00	1.138E+03	-2.267E+04	-9.208E-06	1.067E-07
213	4	51.75	11	1.557E+02	-8.760E+02	2.199E+01	0.000E+00	-1.138E+03	-2.267E+04	-9.208E-06	-1.067E-07
213	4	51.75	12	1.557E+02	-8.760E+02	2.125E+01	0.000E+00	-1.100E+03	-2.267E+04	-9.208E-06	-1.031E-07
213	4	51.75	13	1.437E+02	-8.760E+02	-2.125E+01	0.000E+00	1.100E+03	-2.267E+04	-9.208E-06	1.031E-07
213	4	51.75	14	1.437E+02	-8.760E+02	-2.199E+01	0.000E+00	1.138E+03	-2.267E+04	-9.208E-06	1.067E-07
213	4	51.75	15	1.437E+02	-8.760E+02	2.199E+01	0.000E+00	-1.138E+03	-2.267E+04	-9.208E-06	-1.067E-07
213	4	51.75	16	1.437E+02	-8.760E+02	2.125E+01	0.000E+00	-1.100E+03	-2.267E+04	-9.208E-06	-1.031E-07
213	5	69.00	1	-1.437E+02	-1.168E+03	-2.125E+01	0.000E+00	1.466E+03	-4.030E+04	7.460E-15	8.618E-15
213	5	69.00	2	-1.437E+02	-1.168E+03	-2.199E+01	0.000E+00	1.517E+03	-4.030E+04	7.460E-15	8.815E-15
213	5	69.00	3	-1.437E+02	-1.168E+03	2.199E+01	0.000E+00	-1.517E+03	-4.030E+04	7.460E-15	-8.815E-15
213	5	69.00	4	-1.437E+02	-1.168E+03	2.125E+01	0.000E+00	-1.466E+03	-4.030E+04	7.460E-15	-8.618E-15
213	5	69.00	5	-1.557E+02	-1.168E+03	-2.125E+01	0.000E+00	1.466E+03	-4.030E+04	7.460E-15	8.618E-15
213	5	69.00	6	-1.557E+02	-1.168E+03	-2.199E+01	0.000E+00	1.517E+03	-4.030E+04	7.460E-15	8.815E-15
213	5	69.00	7	-1.557E+02	-1.168E+03	2.199E+01	0.000E+00	-1.517E+03	-4.030E+04	7.460E-15	-8.815E-15
213	5	69.00	8	-1.557E+02	-1.168E+03	2.125E+01	0.000E+00	-1.466E+03	-4.030E+04	7.460E-15	-8.618E-15
213	5	69.00	9	1.557E+02	-1.168E+03	-2.125E+01	0.000E+00	1.466E+03	-4.030E+04	7.460E-15	8.618E-15
213	5	69.00	10	1.557E+02	-1.168E+03	-2.199E+01	0.000E+00	1.517E+03	-4.030E+04	7.460E-15	8.815E-15
213	5	69.00	11	1.557E+02	-1.168E+03	2.199E+01	0.000E+00	-1.517E+03	-4.030E+04	7.460E-15	-8.815E-15
213	5	69.00	12	1.557E+02	-1.168E+03	2.125E+01	0.000E+00	-1.466E+03	-4.030E+04	7.460E-15	-8.618E-15
213	5	69.00	13	1.437E+02	-1.168E+03	-2.125E+01	0.000E+00	1.466E+03	-4.030E+04	7.460E-15	8.618E-15
213	5	69.00	14	1.437E+02	-1.168E+03	-2.199E+01	0.000E+00	1.517E+03	-4.030E+04	7.460E-15	8.815E-15
213	5	69.00	15	1.437E+02	-1.168E+03	2.199E+01	0.000E+00	-1.517E+03	-4.030E+04	7.460E-15	-8.815E-15
213	5	69.00	16	1.437E+02	-1.168E+03	2.125E+01	0.000E+00	-1.466E+03	-4.030E+04	7.460E-15	-8.618E-15
214	1	0.00	1	-1.557E+02	-7.953E-11	-2.125E+01	0.000E+00	-1.456E-08	2.126E-08	0.000E+00	0.000E+00
214	1	0.00	2	-1.557E+02	-8.089E-11	-2.199E+01	0.000E+00	-1.490E-08	2.121E-08	0.000E+00	0.000E+00
214	1	0.00	3	-1.557E+02	1.148E-10	2.199E+01	0.000E+00	1.471E-08	1.077E-08	0.000E+00	0.000E+00
214	1	0.00	4	-1.557E+02	1.134E-10	2.125E+01	0.000E+00	1.437E-08	1.072E-08	0.000E+00	0.000E+00
214	1	0.00	5	-1.437E+02	-7.956E-11	-2.125E+01	0.000E+00	-1.470E-08	2.127E-08	0.000E+00	0.000E+00
214	1	0.00	6	-1.437E+02	-8.092E-11	-2.199E+01	0.000E+00	-1.505E-08	2.121E-08	0.000E+00	0.000E+00
214	1	0.00	7	-1.437E+02	1.147E-10	2.199E+01	0.000E+00	1.457E-08	1.077E-08	0.000E+00	0.000E+00
214	1	0.00	8	-1.437E+02	1.134E-10	2.125E+01	0.000E+00	1.422E-08	1.072E-08	0.000E+00	0.000E+00
214	1	0.00	9	1.437E+02	-2.105E-10	-2.125E+01	0.000E+00	-1.459E-08	4.734E-08	0.000E+00	0.000E+00
214	1	0.00	10	1.437E+02	-2.119E-10	-2.199E+01	0.000E+00	-1.493E-08	4.729E-08	0.000E+00	0.000E+00
214	1	0.00	11	1.437E+02	-1.619E-11	2.199E+01	0.000E+00	1.468E-08	3.685E-08	0.000E+00	0.000E+00
214	1	0.00	12	1.437E+02	-1.755E-11	2.125E+01	0.000E+00	1.434E-08	3.679E-08	0.000E+00	0.000E+00
214	1	0.00	13	1.557E+02	-2.105E-10	-2.125E+01	0.000E+00	-1.473E-08	4.734E-08	0.000E+00	0.000E+00
214	1	0.00	14	1.557E+02	-2.119E-10	-2.199E+01	0.000E+00	-1.508E-08	4.729E-08	0.000E+00	0.000E+00
214	1	0.00	15	1.557E+02	-1.622E-11	2.199E+01	0.000E+00	1.454E-08	3.685E-08	0.000E+00	0.000E+00
214	1	0.00	16	1.557E+02	-1.759E-11	2.125E+01	0.000E+00	1.419E-08	3.680E-08	0.000E+00	0.000E+00
214	2	17.25	1	-1.557E+02	-2.920E+02	-2.125E+01	0.000E+00	3.665E+02	-2.518E+03	-9.561E-06	7.365E-08
214	2	17.25	2	-1.557E+02	-2.920E+02	-2.199E+01	0.000E+00	3.793E+02	-2.518E+03	-9.561E-06	7.622E-08
214	2	17.25	3	-1.557E+02	-2.920E+02	2.199E+01	0.000E+00	-3.793E+02	-2.518E+03	-9.561E-06	-7.622E-08
214	2	17.25	4	-1.557E+02	-2.920E+02	2.125E+01	0.000E+00	-3.665E+02	-2.518E+03	-9.561E-06	-7.365E-08
214	2	17.25	5	-1.437E+02	-2.920E+02	-2.125E+01	0.000E+00	3.665E+02	-2.518E+03	-9.561E-06	7.365E-08
214	2	17.25	6	-1.437E+02	-2.920E+02	-2.199E+01	0.000E+00	3.793E+02	-2.518E+03	-9.561E-06	7.622E-08
214	2	17.25	7	-1.437E+02	-2.920E+02	2.199E+01	0.000E+00	-3.793E+02	-2.518E+03	-9.561E-06	-7.622E-08
214	2	17.25	8	-1.437E+02	-2.920E+02	2.125E+01	0.000E+00	-3.665E+02	-2.518E+03	-9.561E-06	-7.365E-08
214	2	17.25	9	1.437E+02	-2.920E+02	-2.125E+01	0.000E+00	3.665E+02	-2.518E+03	-9.561E-06	7.365E-08
214	2	17.25	10	1.437E+02	-2.920E+02	-2.199E+01	0.000E+00	3.793E+02	-2.518E+03	-9.561E-06	7.622E-08
214	2	17.25	11	1.437E+02	-2.920E+02	2.199E+01	0.000E+00	-3.793E+02	-2.518E+03	-9.561E-06	-7.622E-08
214	2	17.25	12	1.437E+02	-2.920E+02	2.125E+01	0.000E+00	-3.665E+02	-2.518E+03	-9.561E-06	-7.365E-08
214	2	17.25	13	1.557E+02	-2.920E+02	-2.125E+01	0.000E+00	3.665E+02	-2.518E+03	-9.561E-06	7.365E-08
214	2	17.25	14	1.557E+02	-2.920E+02	-2.199E+01	0.000E+00	3.793E+02	-2.518E+03	-9.561E-06	7.622E-08
214	2	17.25	15	1.557E+02	-2.920E+02	2.199E+01	0.000E+00	-3.793E+02	-2.518E+03	-9.561E-06	-7.622E-08
214	2	17.25	16	1.557E+02	-2.920E+02	2.125E+01	0.000E+00	-3.665E+02	-2.518E+03	-9.561E-06	-7.365E-08
214	3	34.50	1	-1.557E+02	-5.840E+02	-2.125E+01	0.000E+00	7.330E+02	-1.007E+04	-1.254E-05	1.178E-07
214	3	34.50	2	-1.557E+02	-5.840E+02	-2.199E+01	0.000E+00	7.586E+02	-1.007E+04	-1.254E-05	1.219E-07
214	3	34.50	3	-1.557E+02	-5.840E+02	2.199E+01	0.000E+00	-7.586E+02	-1.007E+04	-1.254E-05	-1.219E-07
214	3	34.50	4	-1.557E+02	-5.840E+02	2.125E+01	0.000E+00	-7.330E+02	-1.007E+04	-1.254E-05	-1.178E-07
214	3	34.50	5	-1.437E+02	-5.840E+02	-2.125E+01	0.000E+00	7.330E+02	-1.007E+04	-1.254E-05	1.178E-07
214	3	34.50	6	-1.437E+02	-5.840E+02	-2.199E+01	0.000E+00	7.586E+02	-1.007E+04	-1.254E-05	1.219E-07
214	3	34.50	7	-1.437E+02	-5.840E+02	2.199E+01	0.000E+00	-7.586E+02	-1.007E+04	-1.254E-05	-1.219E-07

214	3	34.50	8	-1.437E+02	-5.840E+02	2.125E+01	0.000E+00	-7.330E+02	-1.007E+04	-1.254E-05	-1.178E-07
214	3	34.50	9	1.437E+02	-5.840E+02	-2.125E+01	0.000E+00	7.330E+02	-1.007E+04	-1.254E-05	1.178E-07
214	3	34.50	10	1.437E+02	-5.840E+02	-2.199E+01	0.000E+00	7.586E+02	-1.007E+04	-1.254E-05	1.219E-07
214	3	34.50	11	1.437E+02	-5.840E+02	2.199E+01	0.000E+00	-7.586E+02	-1.007E+04	-1.254E-05	-1.219E-07
214	3	34.50	12	1.437E+02	-5.840E+02	2.125E+01	0.000E+00	-7.330E+02	-1.007E+04	-1.254E-05	-1.178E-07
214	3	34.50	13	1.557E+02	-5.840E+02	-2.125E+01	0.000E+00	7.330E+02	-1.007E+04	-1.254E-05	1.178E-07
214	3	34.50	14	1.557E+02	-5.840E+02	-2.199E+01	0.000E+00	7.586E+02	-1.007E+04	-1.254E-05	1.219E-07
214	3	34.50	15	1.557E+02	-5.840E+02	2.199E+01	0.000E+00	-7.586E+02	-1.007E+04	-1.254E-05	-1.219E-07
214	3	34.50	16	1.557E+02	-5.840E+02	2.125E+01	0.000E+00	-7.330E+02	-1.007E+04	-1.254E-05	-1.178E-07
214	4	51.75	1	-1.557E+02	-8.760E+02	-2.125E+01	0.000E+00	1.100E+03	-2.267E+04	-9.208E-06	1.031E-07
214	4	51.75	2	-1.557E+02	-8.760E+02	-2.199E+01	0.000E+00	1.138E+03	-2.267E+04	-9.208E-06	1.067E-07
214	4	51.75	3	-1.557E+02	-8.760E+02	2.199E+01	0.000E+00	-1.138E+03	-2.267E+04	-9.208E-06	-1.067E-07
214	4	51.75	4	-1.557E+02	-8.760E+02	2.125E+01	0.000E+00	-1.100E+03	-2.267E+04	-9.208E-06	-1.031E-07
214	4	51.75	5	-1.437E+02	-8.760E+02	-2.125E+01	0.000E+00	1.100E+03	-2.267E+04	-9.208E-06	1.031E-07
214	4	51.75	6	-1.437E+02	-8.760E+02	-2.199E+01	0.000E+00	1.138E+03	-2.267E+04	-9.208E-06	1.067E-07
214	4	51.75	7	-1.437E+02	-8.760E+02	2.199E+01	0.000E+00	-1.138E+03	-2.267E+04	-9.208E-06	-1.067E-07
214	4	51.75	8	-1.437E+02	-8.760E+02	2.125E+01	0.000E+00	-1.100E+03	-2.267E+04	-9.208E-06	-1.031E-07
214	4	51.75	9	1.437E+02	-8.760E+02	-2.125E+01	0.000E+00	1.100E+03	-2.267E+04	-9.208E-06	1.031E-07
214	4	51.75	10	1.437E+02	-8.760E+02	-2.199E+01	0.000E+00	1.138E+03	-2.267E+04	-9.208E-06	1.067E-07
214	4	51.75	11	1.437E+02	-8.760E+02	2.199E+01	0.000E+00	-1.138E+03	-2.267E+04	-9.208E-06	-1.067E-07
214	4	51.75	12	1.437E+02	-8.760E+02	2.125E+01	0.000E+00	-1.100E+03	-2.267E+04	-9.208E-06	-1.031E-07
214	4	51.75	13	1.557E+02	-8.760E+02	-2.125E+01	0.000E+00	1.100E+03	-2.267E+04	-9.208E-06	1.031E-07
214	4	51.75	14	1.557E+02	-8.760E+02	-2.199E+01	0.000E+00	1.138E+03	-2.267E+04	-9.208E-06	1.067E-07
214	4	51.75	15	1.557E+02	-8.760E+02	2.199E+01	0.000E+00	-1.138E+03	-2.267E+04	-9.208E-06	-1.067E-07
214	4	51.75	16	1.557E+02	-8.760E+02	2.125E+01	0.000E+00	-1.100E+03	-2.267E+04	-9.208E-06	-1.031E-07
214	5	69.00	1	-1.557E+02	-1.168E+03	-2.125E+01	0.000E+00	1.466E+03	-4.030E+04	7.463E-15	8.620E-15
214	5	69.00	2	-1.557E+02	-1.168E+03	-2.199E+01	0.000E+00	1.517E+03	-4.030E+04	7.463E-15	8.817E-15
214	5	69.00	3	-1.557E+02	-1.168E+03	2.199E+01	0.000E+00	-1.517E+03	-4.030E+04	7.463E-15	-8.817E-15
214	5	69.00	4	-1.557E+02	-1.168E+03	2.125E+01	0.000E+00	-1.466E+03	-4.030E+04	7.463E-15	-8.620E-15
214	5	69.00	5	-1.437E+02	-1.168E+03	-2.125E+01	0.000E+00	1.466E+03	-4.030E+04	7.463E-15	8.620E-15
214	5	69.00	6	-1.437E+02	-1.168E+03	-2.199E+01	0.000E+00	1.517E+03	-4.030E+04	7.463E-15	8.817E-15
214	5	69.00	7	-1.437E+02	-1.168E+03	2.199E+01	0.000E+00	-1.517E+03	-4.030E+04	7.463E-15	-8.817E-15
214	5	69.00	8	-1.437E+02	-1.168E+03	2.125E+01	0.000E+00	-1.466E+03	-4.030E+04	7.463E-15	-8.620E-15
214	5	69.00	9	1.437E+02	-1.168E+03	-2.125E+01	0.000E+00	1.466E+03	-4.030E+04	7.463E-15	8.620E-15
214	5	69.00	10	1.437E+02	-1.168E+03	-2.199E+01	0.000E+00	1.517E+03	-4.030E+04	7.463E-15	8.817E-15
214	5	69.00	11	1.437E+02	-1.168E+03	2.199E+01	0.000E+00	-1.517E+03	-4.030E+04	7.463E-15	-8.817E-15
214	5	69.00	12	1.437E+02	-1.168E+03	2.125E+01	0.000E+00	-1.466E+03	-4.030E+04	7.463E-15	-8.620E-15
214	5	69.00	13	1.557E+02	-1.168E+03	-2.125E+01	0.000E+00	1.466E+03	-4.030E+04	7.463E-15	8.620E-15
214	5	69.00	14	1.557E+02	-1.168E+03	-2.199E+01	0.000E+00	1.517E+03	-4.030E+04	7.463E-15	8.817E-15
214	5	69.00	15	1.557E+02	-1.168E+03	2.199E+01	0.000E+00	-1.517E+03	-4.030E+04	7.463E-15	-8.817E-15
214	5	69.00	16	1.557E+02	-1.168E+03	2.125E+01	0.000E+00	-1.466E+03	-4.030E+04	7.463E-15	-8.620E-15
215	1	0.00	1	1.965E+04	4.316E+04	2.902E+03	9.486E-02	3.398E+05	-5.443E+04	0.000E+00	0.000E+00
215	1	0.00	2	1.965E+04	4.316E+04	2.941E+03	9.400E-02	3.457E+05	-5.508E+04	0.000E+00	0.000E+00
215	1	0.00	3	1.728E+04	4.311E+04	-1.165E+03	1.336E-01	-2.578E+05	-2.550E+04	0.000E+00	0.000E+00
215	1	0.00	4	1.728E+04	4.312E+04	-1.127E+03	1.327E-01	-2.519E+05	-2.614E+04	0.000E+00	0.000E+00
215	1	0.00	5	2.009E+04	4.316E+04	2.785E+03	9.485E-02	2.647E+05	-5.445E+04	0.000E+00	0.000E+00
215	1	0.00	6	2.010E+04	4.316E+04	2.824E+03	9.399E-02	2.707E+05	-5.509E+04	0.000E+00	0.000E+00
215	1	0.00	7	1.772E+04	4.312E+04	-1.283E+03	1.336E-01	-3.329E+05	-2.552E+04	0.000E+00	0.000E+00
215	1	0.00	8	1.772E+04	4.312E+04	-1.244E+03	1.327E-01	-3.269E+05	-2.616E+04	0.000E+00	0.000E+00
215	1	0.00	9	-2.347E+04	4.314E+04	3.122E+03	9.486E-02	3.415E+05	-5.443E+04	0.000E+00	0.000E+00
215	1	0.00	10	-2.347E+04	4.314E+04	3.160E+03	9.400E-02	3.474E+05	-5.508E+04	0.000E+00	0.000E+00
215	1	0.00	11	-2.584E+04	4.309E+04	-9.462E+02	1.336E-01	-2.561E+05	-2.550E+04	0.000E+00	0.000E+00
215	1	0.00	12	-2.584E+04	4.309E+04	-9.075E+02	1.327E-01	-2.501E+05	-2.614E+04	0.000E+00	0.000E+00
215	1	0.00	13	-2.303E+04	4.314E+04	3.004E+03	9.485E-02	2.664E+05	-5.445E+04	0.000E+00	0.000E+00
215	1	0.00	14	-2.303E+04	4.314E+04	3.043E+03	9.399E-02	2.724E+05	-5.509E+04	0.000E+00	0.000E+00
215	1	0.00	15	-2.540E+04	4.309E+04	-1.063E+03	1.336E-01	-3.312E+05	-2.552E+04	0.000E+00	0.000E+00
215	1	0.00	16	-2.540E+04	4.309E+04	-1.025E+03	1.327E-01	-3.252E+05	-2.616E+04	0.000E+00	0.000E+00
215	2	45.25	1	1.965E+04	4.240E+04	2.902E+03	9.486E-02	2.136E+05	1.881E+06	-1.203E-03	1.101E-04
215	2	45.25	2	1.965E+04	4.240E+04	2.941E+03	9.400E-02	2.178E+05	1.881E+06	-1.203E-03	1.127E-04
215	2	45.25	3	1.728E+04	4.235E+04	-1.165E+03	1.336E-01	-2.102E+05	1.908E+06	-1.212E-03	-1.508E-04
215	2	45.25	4	1.728E+04	4.235E+04	-1.127E+03	1.327E-01	-2.060E+05	1.908E+06	-1.212E-03	-1.483E-04
215	2	45.25	5	2.009E+04	4.240E+04	2.785E+03	9.485E-02	1.438E+05	1.881E+06	-1.203E-03	5.518E-05

215	2	45.25	6	2.010E+04	4.240E+04	2.824E+03	9.399E-02	1.480E+05	1.881E+06	-1.203E-03	5.771E-05
215	2	45.25	7	1.772E+04	4.235E+04	-1.283E+03	1.336E-01	-2.800E+05	1.908E+06	-1.212E-03	-2.058E-04
215	2	45.25	8	1.773E+04	4.235E+04	-1.244E+03	1.327E-01	-2.758E+05	1.908E+06	-1.212E-03	-2.032E-04
215	2	45.25	9	-2.347E+04	4.237E+04	3.122E+03	9.486E-02	2.054E+05	1.880E+06	-1.202E-03	9.783E-05
215	2	45.25	10	-2.347E+04	4.237E+04	3.160E+03	9.400E-02	2.096E+05	1.880E+06	-1.202E-03	1.004E-04
215	2	45.25	11	-2.584E+04	4.232E+04	-9.462E+02	1.336E-01	-2.185E+05	1.907E+06	-1.212E-03	-1.631E-04
215	2	45.25	12	-2.584E+04	4.232E+04	-9.075E+02	1.327E-01	-2.142E+05	1.906E+06	-1.211E-03	-1.606E-04
215	2	45.25	13	-2.303E+04	4.237E+04	3.004E+03	9.485E-02	1.356E+05	1.880E+06	-1.202E-03	4.287E-05
215	2	45.25	14	-2.303E+04	4.237E+04	3.043E+03	9.399E-02	1.398E+05	1.880E+06	-1.202E-03	4.541E-05
215	2	45.25	15	-2.540E+04	4.232E+04	-1.063E+03	1.336E-01	-2.882E+05	1.907E+06	-1.212E-03	-2.181E-04
215	2	45.25	16	-2.540E+04	4.232E+04	-1.025E+03	1.327E-01	-2.840E+05	1.906E+06	-1.211E-03	-2.155E-04
215	3	90.50	1	1.965E+04	4.163E+04	2.902E+03	9.486E-02	9.457E+04	3.782E+06	-1.908E-03	1.046E-04
215	3	90.50	2	1.966E+04	4.163E+04	2.941E+03	9.400E-02	9.704E+04	3.782E+06	-1.908E-03	1.073E-04
215	3	90.50	3	1.728E+04	4.158E+04	-1.165E+03	1.336E-01	-1.698E+05	3.807E+06	-1.920E-03	-1.878E-04
215	3	90.50	4	1.728E+04	4.158E+04	-1.127E+03	1.327E-01	-1.673E+05	3.807E+06	-1.920E-03	-1.851E-04
215	3	90.50	5	2.010E+04	4.163E+04	2.785E+03	9.485E-02	3.009E+04	3.782E+06	-1.908E-03	3.328E-05
215	3	90.50	6	2.010E+04	4.163E+04	2.824E+03	9.399E-02	3.256E+04	3.782E+06	-1.908E-03	3.602E-05
215	3	90.50	7	1.772E+04	4.158E+04	-1.283E+03	1.336E-01	-2.343E+05	3.807E+06	-1.920E-03	-2.591E-04
215	3	90.50	8	1.773E+04	4.158E+04	-1.244E+03	1.327E-01	-2.318E+05	3.807E+06	-1.920E-03	-2.564E-04
215	3	90.50	9	-2.347E+04	4.160E+04	3.122E+03	9.486E-02	7.643E+04	3.780E+06	-1.907E-03	8.454E-05
215	3	90.50	10	-2.347E+04	4.160E+04	3.160E+03	9.400E-02	7.890E+04	3.779E+06	-1.907E-03	8.727E-05
215	3	90.50	11	-2.584E+04	4.156E+04	-9.462E+02	1.336E-01	-1.879E+05	3.805E+06	-1.919E-03	-2.079E-04
215	3	90.50	12	-2.584E+04	4.156E+04	-9.075E+02	1.327E-01	-1.855E+05	3.804E+06	-1.918E-03	-2.052E-04
215	3	90.50	13	-2.303E+04	4.160E+04	3.004E+03	9.485E-02	1.195E+04	3.780E+06	-1.907E-03	1.322E-05
215	3	90.50	14	-2.303E+04	4.161E+04	3.043E+03	9.399E-02	1.442E+04	3.780E+06	-1.907E-03	1.595E-05
215	3	90.50	15	-2.540E+04	4.156E+04	-1.063E+03	1.336E-01	-2.524E+05	3.805E+06	-1.919E-03	-2.792E-04
215	3	90.50	16	-2.540E+04	4.156E+04	-1.025E+03	1.327E-01	-2.499E+05	3.804E+06	-1.919E-03	-2.765E-04
215	4	135.75	1	1.965E+04	4.086E+04	2.902E+03	9.486E-02	-1.605E+05	5.649E+06	-1.657E-03	4.915E-05
215	4	135.75	2	1.966E+04	4.086E+04	2.941E+03	9.400E-02	-1.597E+05	5.648E+06	-1.657E-03	5.072E-05
215	4	135.75	3	1.728E+04	4.082E+04	-1.165E+03	1.336E-01	6.627E+03	5.671E+06	-1.665E-03	-1.333E-04
215	4	135.75	4	1.728E+04	4.082E+04	-1.127E+03	1.327E-01	7.352E+03	5.671E+06	-1.665E-03	-1.317E-04
215	4	135.75	5	2.010E+04	4.086E+04	2.785E+03	9.485E-02	-2.196E+05	5.649E+06	-1.657E-03	-2.871E-06
215	4	135.75	6	2.010E+04	4.087E+04	2.824E+03	9.399E-02	-2.189E+05	5.648E+06	-1.657E-03	-1.303E-06
215	4	135.75	7	1.772E+04	4.082E+04	-1.283E+03	1.336E-01	-5.255E+04	5.671E+06	-1.665E-03	-1.853E-04
215	4	135.75	8	1.773E+04	4.082E+04	-1.244E+03	1.327E-01	-5.182E+04	5.671E+06	-1.665E-03	-1.838E-04
215	4	135.75	9	-2.347E+04	4.084E+04	3.122E+03	9.486E-02	-1.885E+05	5.645E+06	-1.656E-03	3.136E-05
215	4	135.75	10	-2.347E+04	4.084E+04	3.160E+03	9.400E-02	-1.878E+05	5.645E+06	-1.656E-03	3.293E-05
215	4	135.75	11	-2.584E+04	4.079E+04	-9.462E+02	1.336E-01	-2.144E+04	5.668E+06	-1.664E-03	-1.511E-04
215	4	135.75	12	-2.584E+04	4.079E+04	-9.075E+02	1.327E-01	-2.071E+04	5.667E+06	-1.664E-03	-1.495E-04
215	4	135.75	13	-2.303E+04	4.084E+04	3.004E+03	9.485E-02	-2.477E+05	5.645E+06	-1.656E-03	-2.066E-05
215	4	135.75	14	-2.303E+04	4.084E+04	3.043E+03	9.399E-02	-2.470E+05	5.645E+06	-1.656E-03	-1.910E-05
215	4	135.75	15	-2.540E+04	4.079E+04	-1.063E+03	1.336E-01	-8.061E+04	5.668E+06	-1.664E-03	-2.031E-04
215	4	135.75	16	-2.540E+04	4.079E+04	-1.025E+03	1.327E-01	-7.989E+04	5.667E+06	-1.664E-03	-2.016E-04
215	5	181.00	1	1.965E+04	4.010E+04	2.902E+03	9.486E-02	-2.321E+05	7.481E+06	-2.190E-11	3.099E-11
215	5	181.00	2	1.966E+04	4.010E+04	2.941E+03	9.400E-02	-2.331E+05	7.480E+06	-2.190E-11	2.937E-11
215	5	181.00	3	1.728E+04	4.005E+04	-1.165E+03	1.336E-01	-3.421E+02	7.501E+06	-1.974E-11	-4.135E-11
215	5	181.00	4	1.729E+04	4.005E+04	-1.127E+03	1.327E-01	-1.366E+03	7.501E+06	-1.974E-11	-4.296E-11
215	5	181.00	5	2.010E+04	4.010E+04	2.785E+03	9.485E-02	-2.859E+05	7.481E+06	-2.189E-11	4.425E-11
215	5	181.00	6	2.010E+04	4.010E+04	2.824E+03	9.399E-02	-2.870E+05	7.480E+06	-2.189E-11	4.263E-11
215	5	181.00	7	1.773E+04	4.005E+04	-1.283E+03	1.336E-01	-5.422E+04	7.501E+06	-1.974E-11	-2.809E-11
215	5	181.00	8	1.773E+04	4.005E+04	-1.244E+03	1.327E-01	-5.524E+04	7.501E+06	-1.973E-11	-2.970E-11
215	5	181.00	9	-2.347E+04	4.007E+04	3.122E+03	9.486E-02	-2.701E+05	7.476E+06	-2.195E-11	3.349E-11
215	5	181.00	10	-2.347E+04	4.007E+04	3.160E+03	9.400E-02	-2.711E+05	7.475E+06	-2.195E-11	3.187E-11
215	5	181.00	11	-2.584E+04	4.002E+04	-9.462E+02	1.336E-01	-3.833E+04	7.496E+06	-1.979E-11	-3.884E-11
215	5	181.00	12	-2.584E+04	4.003E+04	-9.075E+02	1.327E-01	-3.935E+04	7.496E+06	-1.979E-11	-4.046E-11
215	5	181.00	13	-2.303E+04	4.007E+04	3.004E+03	9.485E-02	-3.239E+05	7.476E+06	-2.195E-11	4.675E-11
215	5	181.00	14	-2.302E+04	4.007E+04	3.043E+03	9.399E-02	-3.250E+05	7.476E+06	-2.195E-11	4.513E-11
215	5	181.00	15	-2.540E+04	4.003E+04	-1.063E+03	1.336E-01	-9.220E+04	7.496E+06	-1.979E-11	-2.558E-11
215	5	181.00	16	-2.540E+04	4.003E+04	-1.025E+03	1.327E-01	-9.323E+04	7.496E+06	-1.979E-11	-2.720E-11
216	1	0.00	1	1.772E+04	4.312E+04	1.244E+03	-1.327E-01	3.269E+05	-2.616E+04	0.000E+00	0.000E+00
216	1	0.00	2	1.772E+04	4.312E+04	1.283E+03	-1.336E-01	3.329E+05	-2.552E+04	0.000E+00	0.000E+00
216	1	0.00	3	2.010E+04	4.316E+04	-2.824E+03	-9.399E-02	-2.707E+05	-5.509E+04	0.000E+00	0.000E+00

216	1	0.00	4	2.009E+04	4.316E+04	-2.785E+03	-9.485E-02	-2.647E+05	-5.445E+04	0.000E+00	0.000E+00
216	1	0.00	5	1.728E+04	4.312E+04	1.127E+03	-1.327E-01	2.519E+05	-2.614E+04	0.000E+00	0.000E+00
216	1	0.00	6	1.728E+04	4.311E+04	1.165E+03	-1.336E-01	2.578E+05	-2.550E+04	0.000E+00	0.000E+00
216	1	0.00	7	1.965E+04	4.316E+04	-2.941E+03	-9.400E-02	-3.457E+05	-5.508E+04	0.000E+00	0.000E+00
216	1	0.00	8	1.965E+04	4.316E+04	-2.902E+03	-9.486E-02	-3.398E+05	-5.443E+04	0.000E+00	0.000E+00
216	1	0.00	9	-2.540E+04	4.309E+04	1.025E+03	-1.327E-01	3.252E+05	-2.616E+04	0.000E+00	0.000E+00
216	1	0.00	10	-2.540E+04	4.309E+04	1.063E+03	-1.336E-01	3.312E+05	-2.552E+04	0.000E+00	0.000E+00
216	1	0.00	11	-2.303E+04	4.314E+04	-3.043E+03	-9.399E-02	-2.724E+05	-5.509E+04	0.000E+00	0.000E+00
216	1	0.00	12	-2.303E+04	4.314E+04	-3.004E+03	-9.485E-02	-2.664E+05	-5.445E+04	0.000E+00	0.000E+00
216	1	0.00	13	-2.584E+04	4.309E+04	9.075E+02	-1.327E-01	2.501E+05	-2.614E+04	0.000E+00	0.000E+00
216	1	0.00	14	-2.584E+04	4.309E+04	9.462E+02	-1.336E-01	2.561E+05	-2.550E+04	0.000E+00	0.000E+00
216	1	0.00	15	-2.347E+04	4.314E+04	-3.160E+03	-9.400E-02	-3.474E+05	-5.508E+04	0.000E+00	0.000E+00
216	1	0.00	16	-2.347E+04	4.314E+04	-3.122E+03	-9.486E-02	-3.415E+05	-5.443E+04	0.000E+00	0.000E+00
216	2	45.25	1	1.773E+04	4.235E+04	1.244E+03	-1.327E-01	2.758E+05	1.908E+06	-1.212E-03	2.032E-04
216	2	45.25	2	1.772E+04	4.235E+04	1.283E+03	-1.336E-01	2.800E+05	1.908E+06	-1.212E-03	2.058E-04
216	2	45.25	3	2.010E+04	4.240E+04	-2.824E+03	-9.399E-02	-1.480E+05	1.881E+06	-1.203E-03	-5.771E-05
216	2	45.25	4	2.009E+04	4.240E+04	-2.785E+03	-9.485E-02	-1.438E+05	1.881E+06	-1.203E-03	-5.518E-05
216	2	45.25	5	1.728E+04	4.235E+04	1.127E+03	-1.327E-01	2.060E+05	1.908E+06	-1.212E-03	1.483E-04
216	2	45.25	6	1.728E+04	4.235E+04	1.165E+03	-1.336E-01	2.102E+05	1.908E+06	-1.212E-03	1.508E-04
216	2	45.25	7	1.965E+04	4.240E+04	-2.941E+03	-9.400E-02	-2.178E+05	1.881E+06	-1.203E-03	-1.127E-04
216	2	45.25	8	1.965E+04	4.240E+04	-2.902E+03	-9.486E-02	-2.136E+05	1.881E+06	-1.203E-03	-1.101E-04
216	2	45.25	9	-2.540E+04	4.232E+04	1.025E+03	-1.327E-01	2.840E+05	1.906E+06	-1.211E-03	2.155E-04
216	2	45.25	10	-2.540E+04	4.232E+04	1.063E+03	-1.336E-01	2.882E+05	1.907E+06	-1.212E-03	2.181E-04
216	2	45.25	11	-2.303E+04	4.237E+04	-3.043E+03	-9.399E-02	-1.398E+05	1.880E+06	-1.202E-03	-4.541E-05
216	2	45.25	12	-2.303E+04	4.237E+04	-3.004E+03	-9.485E-02	-1.356E+05	1.880E+06	-1.202E-03	-4.287E-05
216	2	45.25	13	-2.584E+04	4.232E+04	9.075E+02	-1.327E-01	2.142E+05	1.906E+06	-1.211E-03	1.606E-04
216	2	45.25	14	-2.584E+04	4.232E+04	9.462E+02	-1.336E-01	2.185E+05	1.907E+06	-1.212E-03	1.631E-04
216	2	45.25	15	-2.347E+04	4.237E+04	-3.160E+03	-9.400E-02	-2.096E+05	1.880E+06	-1.202E-03	-1.004E-04
216	2	45.25	16	-2.347E+04	4.237E+04	-3.122E+03	-9.486E-02	-2.054E+05	1.880E+06	-1.202E-03	-9.783E-05
216	3	90.50	1	1.773E+04	4.158E+04	1.244E+03	-1.327E-01	2.318E+05	3.807E+06	-1.920E-03	2.564E-04
216	3	90.50	2	1.772E+04	4.158E+04	1.283E+03	-1.336E-01	2.343E+05	3.807E+06	-1.920E-03	2.591E-04
216	3	90.50	3	2.010E+04	4.163E+04	-2.824E+03	-9.399E-02	-3.256E+04	3.782E+06	-1.908E-03	-3.602E-05
216	3	90.50	4	2.010E+04	4.163E+04	-2.785E+03	-9.485E-02	-3.009E+04	3.782E+06	-1.908E-03	-3.328E-05
216	3	90.50	5	1.728E+04	4.158E+04	1.127E+03	-1.327E-01	1.673E+05	3.807E+06	-1.920E-03	1.851E-04
216	3	90.50	6	1.728E+04	4.158E+04	1.165E+03	-1.336E-01	1.698E+05	3.807E+06	-1.920E-03	1.878E-04
216	3	90.50	7	1.966E+04	4.163E+04	-2.941E+03	-9.400E-02	-9.704E+04	3.782E+06	-1.908E-03	-1.073E-04
216	3	90.50	8	1.965E+04	4.163E+04	-2.902E+03	-9.486E-02	-9.457E+04	3.782E+06	-1.908E-03	-1.046E-04
216	3	90.50	9	-2.540E+04	4.156E+04	1.025E+03	-1.327E-01	2.499E+05	3.804E+06	-1.919E-03	2.765E-04
216	3	90.50	10	-2.540E+04	4.156E+04	1.063E+03	-1.336E-01	2.524E+05	3.805E+06	-1.919E-03	2.792E-04
216	3	90.50	11	-2.303E+04	4.161E+04	-3.043E+03	-9.399E-02	-1.442E+04	3.780E+06	-1.907E-03	-1.595E-05
216	3	90.50	12	-2.303E+04	4.160E+04	-3.004E+03	-9.485E-02	-1.195E+04	3.780E+06	-1.907E-03	-1.322E-05
216	3	90.50	13	-2.584E+04	4.156E+04	9.075E+02	-1.327E-01	1.855E+05	3.804E+06	-1.918E-03	2.052E-04
216	3	90.50	14	-2.584E+04	4.156E+04	9.462E+02	-1.336E-01	1.879E+05	3.805E+06	-1.919E-03	2.079E-04
216	3	90.50	15	-2.347E+04	4.160E+04	-3.160E+03	-9.400E-02	-7.890E+04	3.779E+06	-1.907E-03	-8.727E-05
216	3	90.50	16	-2.347E+04	4.160E+04	-3.122E+03	-9.486E-02	-7.643E+04	3.780E+06	-1.907E-03	-8.454E-05
216	4	135.75	1	1.773E+04	4.082E+04	1.244E+03	-1.327E-01	5.182E+04	5.671E+06	-1.665E-03	1.838E-04
216	4	135.75	2	1.772E+04	4.082E+04	1.283E+03	-1.336E-01	5.255E+04	5.671E+06	-1.665E-03	1.853E-04
216	4	135.75	3	2.010E+04	4.087E+04	-2.824E+03	-9.399E-02	2.189E+05	5.648E+06	-1.657E-03	1.303E-06
216	4	135.75	4	2.010E+04	4.086E+04	-2.785E+03	-9.485E-02	2.196E+05	5.649E+06	-1.657E-03	2.871E-06
216	4	135.75	5	1.728E+04	4.082E+04	1.127E+03	-1.327E-01	-7.352E+03	5.671E+06	-1.665E-03	1.317E-04
216	4	135.75	6	1.728E+04	4.082E+04	1.165E+03	-1.336E-01	-6.627E+03	5.671E+06	-1.665E-03	1.333E-04
216	4	135.75	7	1.966E+04	4.086E+04	-2.941E+03	-9.400E-02	1.597E+05	5.648E+06	-1.657E-03	-5.072E-05
216	4	135.75	8	1.965E+04	4.086E+04	-2.902E+03	-9.486E-02	1.605E+05	5.649E+06	-1.657E-03	-4.915E-05
216	4	135.75	9	-2.540E+04	4.079E+04	1.025E+03	-1.327E-01	7.989E+04	5.667E+06	-1.664E-03	2.016E-04
216	4	135.75	10	-2.540E+04	4.079E+04	1.063E+03	-1.336E-01	8.061E+04	5.668E+06	-1.664E-03	2.031E-04
216	4	135.75	11	-2.303E+04	4.084E+04	-3.043E+03	-9.399E-02	2.470E+05	5.645E+06	-1.656E-03	1.910E-05
216	4	135.75	12	-2.303E+04	4.084E+04	-3.004E+03	-9.485E-02	2.477E+05	5.645E+06	-1.656E-03	2.066E-05
216	4	135.75	13	-2.584E+04	4.079E+04	9.075E+02	-1.327E-01	2.071E+04	5.667E+06	-1.664E-03	1.495E-04
216	4	135.75	14	-2.584E+04	4.079E+04	9.462E+02	-1.336E-01	2.144E+04	5.668E+06	-1.664E-03	1.511E-04
216	4	135.75	15	-2.347E+04	4.084E+04	-3.160E+03	-9.400E-02	1.878E+05	5.645E+06	-1.656E-03	-3.293E-05
216	4	135.75	16	-2.347E+04	4.084E+04	-3.122E+03	-9.486E-02	1.885E+05	5.645E+06	-1.656E-03	-3.136E-05
216	5	181.00	1	1.773E+04	4.005E+04	1.244E+03	-1.327E-01	5.524E+04	7.501E+06	-1.973E-11	2.971E-11

216	5	181.00	2	1.773E+04	4.005E+04	1.283E+03	-1.336E-01	5.422E+04	7.501E+06	-1.973E-11	2.809E-11
216	5	181.00	3	2.010E+04	4.010E+04	-2.824E+03	-9.399E-02	2.870E+05	7.480E+06	-2.189E-11	-4.263E-11
216	5	181.00	4	2.010E+04	4.010E+04	-2.785E+03	-9.485E-02	2.859E+05	7.481E+06	-2.189E-11	-4.424E-11
216	5	181.00	5	1.729E+04	4.005E+04	1.127E+03	-1.327E-01	1.366E+03	7.501E+06	-1.974E-11	4.297E-11
216	5	181.00	6	1.728E+04	4.005E+04	1.165E+03	-1.336E-01	3.421E+02	7.501E+06	-1.974E-11	4.135E-11
216	5	181.00	7	1.966E+04	4.010E+04	-2.941E+03	-9.400E-02	2.331E+05	7.480E+06	-2.189E-11	-2.937E-11
216	5	181.00	8	1.965E+04	4.010E+04	-2.902E+03	-9.486E-02	2.321E+05	7.481E+06	-2.190E-11	-3.098E-11
216	5	181.00	9	-2.540E+04	4.003E+04	1.025E+03	-1.327E-01	9.323E+04	7.496E+06	-1.979E-11	2.721E-11
216	5	181.00	10	-2.540E+04	4.003E+04	1.063E+03	-1.336E-01	9.220E+04	7.496E+06	-1.979E-11	2.559E-11
216	5	181.00	11	-2.302E+04	4.007E+04	-3.043E+03	-9.399E-02	3.250E+05	7.476E+06	-2.195E-11	-4.513E-11
216	5	181.00	12	-2.303E+04	4.007E+04	-3.004E+03	-9.485E-02	3.239E+05	7.476E+06	-2.195E-11	-4.674E-11
216	5	181.00	13	-2.584E+04	4.003E+04	9.075E+02	-1.327E-01	3.935E+04	7.496E+06	-1.979E-11	4.047E-11
216	5	181.00	14	-2.584E+04	4.002E+04	9.462E+02	-1.336E-01	3.833E+04	7.496E+06	-1.979E-11	3.885E-11
216	5	181.00	15	-2.347E+04	4.007E+04	-3.160E+03	-9.400E-02	2.711E+05	7.475E+06	-2.195E-11	-3.187E-11
216	5	181.00	16	-2.347E+04	4.007E+04	-3.122E+03	-9.486E-02	2.701E+05	7.476E+06	-2.195E-11	-3.348E-11
217	1	0.00	1	1.637E+04	3.271E+04	1.240E+03	-4.242E-04	-2.132E+05	7.475E+06	0.000E+00	0.000E+00
217	1	0.00	2	1.636E+04	3.272E+04	1.264E+03	-1.301E-03	-2.124E+05	7.475E+06	0.000E+00	0.000E+00
217	1	0.00	3	1.393E+04	3.267E+04	-1.779E+03	3.906E-02	5.205E+03	7.507E+06	0.000E+00	0.000E+00
217	1	0.00	4	1.392E+04	3.267E+04	-1.755E+03	3.818E-02	5.979E+03	7.506E+06	0.000E+00	0.000E+00
217	1	0.00	5	1.669E+04	3.272E+04	1.123E+03	-4.427E-04	-2.909E+05	7.475E+06	0.000E+00	0.000E+00
217	1	0.00	6	1.668E+04	3.272E+04	1.147E+03	-1.320E-03	-2.901E+05	7.475E+06	0.000E+00	0.000E+00
217	1	0.00	7	1.425E+04	3.267E+04	-1.896E+03	3.904E-02	-7.244E+04	7.507E+06	0.000E+00	0.000E+00
217	1	0.00	8	1.424E+04	3.267E+04	-1.873E+03	3.816E-02	-7.167E+04	7.506E+06	0.000E+00	0.000E+00
217	1	0.00	9	-1.996E+04	3.270E+04	1.157E+03	-4.246E-04	-2.509E+05	7.470E+06	0.000E+00	0.000E+00
217	1	0.00	10	-1.997E+04	3.270E+04	1.180E+03	-1.302E-03	-2.501E+05	7.470E+06	0.000E+00	0.000E+00
217	1	0.00	11	-2.240E+04	3.265E+04	-1.862E+03	3.906E-02	-3.245E+04	7.502E+06	0.000E+00	0.000E+00
217	1	0.00	12	-2.241E+04	3.265E+04	-1.839E+03	3.818E-02	-3.167E+04	7.501E+06	0.000E+00	0.000E+00
217	1	0.00	13	-1.963E+04	3.270E+04	1.040E+03	-4.431E-04	-3.285E+05	7.471E+06	0.000E+00	0.000E+00
217	1	0.00	14	-1.964E+04	3.270E+04	1.063E+03	-1.320E-03	-3.277E+05	7.470E+06	0.000E+00	0.000E+00
217	1	0.00	15	-2.207E+04	3.265E+04	-1.980E+03	3.904E-02	-1.101E+05	7.502E+06	0.000E+00	0.000E+00
217	1	0.00	16	-2.208E+04	3.265E+04	-1.956E+03	3.816E-02	-1.093E+05	7.501E+06	0.000E+00	0.000E+00
217	2	127.25	1	1.637E+04	3.056E+04	1.240E+03	-4.242E-04	-2.762E+05	1.150E+07	-4.034E-02	-2.424E-03
217	2	127.25	2	1.636E+04	3.056E+04	1.264E+03	-1.301E-03	-2.784E+05	1.150E+07	-4.034E-02	-2.452E-03
217	2	127.25	3	1.393E+04	3.051E+04	-1.779E+03	3.906E-02	1.367E+05	1.153E+07	-4.041E-02	1.809E-03
217	2	127.25	4	1.392E+04	3.051E+04	-1.755E+03	3.818E-02	1.345E+05	1.153E+07	-4.040E-02	1.781E-03
217	2	127.25	5	1.669E+04	3.056E+04	1.123E+03	-4.427E-04	-3.389E+05	1.150E+07	-4.034E-02	-2.771E-03
217	2	127.25	6	1.669E+04	3.056E+04	1.147E+03	-1.320E-03	-3.411E+05	1.150E+07	-4.034E-02	-2.798E-03
217	2	127.25	7	1.426E+04	3.051E+04	-1.896E+03	3.904E-02	7.397E+04	1.153E+07	-4.041E-02	1.463E-03
217	2	127.25	8	1.425E+04	3.051E+04	-1.873E+03	3.816E-02	7.176E+04	1.153E+07	-4.040E-02	1.435E-03
217	2	127.25	9	-1.996E+04	3.055E+04	1.157E+03	-4.246E-04	-3.032E+05	1.149E+07	-4.032E-02	-2.555E-03
217	2	127.25	10	-1.997E+04	3.055E+04	1.180E+03	-1.302E-03	-3.054E+05	1.149E+07	-4.032E-02	-2.583E-03
217	2	127.25	11	-2.240E+04	3.050E+04	-1.862E+03	3.906E-02	1.097E+05	1.152E+07	-4.038E-02	1.678E-03
217	2	127.25	12	-2.241E+04	3.050E+04	-1.839E+03	3.818E-02	1.075E+05	1.152E+07	-4.038E-02	1.651E-03
217	2	127.25	13	-1.963E+04	3.055E+04	1.040E+03	-4.431E-04	-3.659E+05	1.149E+07	-4.032E-02	-2.902E-03
217	2	127.25	14	-1.964E+04	3.055E+04	1.063E+03	-1.320E-03	-3.682E+05	1.149E+07	-4.032E-02	-2.929E-03
217	2	127.25	15	-2.207E+04	3.050E+04	-1.980E+03	3.904E-02	4.695E+04	1.152E+07	-4.038E-02	1.332E-03
217	2	127.25	16	-2.208E+04	3.050E+04	-1.956E+03	3.816E-02	4.475E+04	1.152E+07	-4.038E-02	1.304E-03
217	3	254.50	1	1.637E+04	2.841E+04	1.240E+03	-4.242E-04	-4.191E+05	1.525E+07	-5.847E-02	-3.666E-03
217	3	254.50	2	1.636E+04	2.841E+04	1.264E+03	-1.301E-03	-4.242E+05	1.525E+07	-5.847E-02	-3.711E-03
217	3	254.50	3	1.393E+04	2.836E+04	-1.779E+03	3.906E-02	3.481E+05	1.527E+07	-5.854E-02	3.045E-03
217	3	254.50	4	1.392E+04	2.836E+04	-1.755E+03	3.818E-02	3.429E+05	1.527E+07	-5.854E-02	3.000E-03
217	3	254.50	5	1.670E+04	2.841E+04	1.123E+03	-4.427E-04	-4.669E+05	1.525E+07	-5.847E-02	-4.084E-03
217	3	254.50	6	1.669E+04	2.841E+04	1.147E+03	-1.320E-03	-4.721E+05	1.525E+07	-5.847E-02	-4.129E-03
217	3	254.50	7	1.426E+04	2.836E+04	-1.896E+03	3.904E-02	3.002E+05	1.527E+07	-5.854E-02	2.626E-03
217	3	254.50	8	1.425E+04	2.836E+04	-1.873E+03	3.816E-02	2.951E+05	1.527E+07	-5.854E-02	2.581E-03
217	3	254.50	9	-1.996E+04	2.839E+04	1.157E+03	-4.246E-04	-4.354E+05	1.524E+07	-5.844E-02	-3.809E-03
217	3	254.50	10	-1.997E+04	2.839E+04	1.180E+03	-1.302E-03	-4.406E+05	1.524E+07	-5.844E-02	-3.854E-03
217	3	254.50	11	-2.240E+04	2.835E+04	-1.862E+03	3.906E-02	3.317E+05	1.526E+07	-5.851E-02	2.902E-03
217	3	254.50	12	-2.241E+04	2.835E+04	-1.839E+03	3.818E-02	3.265E+05	1.526E+07	-5.851E-02	2.856E-03
217	3	254.50	13	-1.963E+04	2.839E+04	1.040E+03	-4.431E-04	-4.833E+05	1.524E+07	-5.844E-02	-4.227E-03
217	3	254.50	14	-1.964E+04	2.839E+04	1.063E+03	-1.320E-03	-4.884E+05	1.524E+07	-5.844E-02	-4.273E-03
217	3	254.50	15	-2.207E+04	2.835E+04	-1.980E+03	3.904E-02	2.839E+05	1.526E+07	-5.851E-02	2.483E-03

217	3	254.50	16	-2.208E+04	2.835E+04	-1.956E+03	3.816E-02	2.787E+05	1.526E+07	-5.851E-02	2.438E-03
217	4	381.75	1	1.637E+04	2.625E+04	1.240E+03	-4.242E-04	-5.717E+05	1.873E+07	-4.723E-02	-3.080E-03
217	4	381.75	2	1.636E+04	2.625E+04	1.264E+03	-1.301E-03	-5.799E+05	1.873E+07	-4.723E-02	-3.120E-03
217	4	381.75	3	1.393E+04	2.621E+04	-1.779E+03	3.906E-02	5.692E+05	1.874E+07	-4.728E-02	2.764E-03
217	4	381.75	4	1.392E+04	2.621E+04	-1.755E+03	3.818E-02	5.611E+05	1.874E+07	-4.728E-02	2.724E-03
217	4	381.75	5	1.670E+04	2.625E+04	1.123E+03	-4.427E-04	-6.046E+05	1.873E+07	-4.723E-02	-3.361E-03
217	4	381.75	6	1.669E+04	2.625E+04	1.147E+03	-1.320E-03	-6.128E+05	1.873E+07	-4.723E-02	-3.402E-03
217	4	381.75	7	1.426E+04	2.621E+04	-1.896E+03	3.904E-02	5.363E+05	1.874E+07	-4.728E-02	2.483E-03
217	4	381.75	8	1.425E+04	2.621E+04	-1.873E+03	3.816E-02	5.282E+05	1.874E+07	-4.728E-02	2.442E-03
217	4	381.75	9	-1.995E+04	2.624E+04	1.157E+03	-4.246E-04	-5.774E+05	1.872E+07	-4.720E-02	-3.164E-03
217	4	381.75	10	-1.996E+04	2.624E+04	1.180E+03	-1.302E-03	-5.856E+05	1.872E+07	-4.720E-02	-3.205E-03
217	4	381.75	11	-2.239E+04	2.619E+04	-1.862E+03	3.906E-02	5.635E+05	1.873E+07	-4.725E-02	2.680E-03
217	4	381.75	12	-2.240E+04	2.619E+04	-1.839E+03	3.818E-02	5.553E+05	1.873E+07	-4.725E-02	2.639E-03
217	4	381.75	13	-1.963E+04	2.624E+04	1.040E+03	-4.431E-04	-6.104E+05	1.872E+07	-4.720E-02	-3.445E-03
217	4	381.75	14	-1.964E+04	2.624E+04	1.063E+03	-1.320E-03	-6.185E+05	1.872E+07	-4.720E-02	-3.486E-03
217	4	381.75	15	-2.207E+04	2.619E+04	-1.980E+03	3.904E-02	5.306E+05	1.873E+07	-4.725E-02	2.399E-03
217	4	381.75	16	-2.208E+04	2.619E+04	-1.956E+03	3.816E-02	5.224E+05	1.873E+07	-4.725E-02	2.358E-03
217	5	509.00	1	1.637E+04	2.410E+04	1.240E+03	-4.242E-04	-7.269E+05	2.193E+07	4.775E-09	3.886E-10
217	5	509.00	2	1.636E+04	2.410E+04	1.264E+03	-1.301E-03	-7.381E+05	2.193E+07	4.775E-09	3.887E-10
217	5	509.00	3	1.394E+04	2.405E+04	-1.779E+03	3.906E-02	7.930E+05	2.194E+07	4.799E-09	-1.524E-10
217	5	509.00	4	1.393E+04	2.405E+04	-1.755E+03	3.818E-02	7.819E+05	2.194E+07	4.799E-09	-1.522E-10
217	5	509.00	5	1.670E+04	2.410E+04	1.123E+03	-4.427E-04	-7.450E+05	2.193E+07	4.775E-09	2.322E-10
217	5	509.00	6	1.669E+04	2.410E+04	1.147E+03	-1.320E-03	-7.561E+05	2.193E+07	4.775E-09	2.323E-10
217	5	509.00	7	1.426E+04	2.405E+04	-1.896E+03	3.904E-02	7.750E+05	2.194E+07	4.799E-09	-3.088E-10
217	5	509.00	8	1.425E+04	2.405E+04	-1.873E+03	3.816E-02	7.638E+05	2.194E+07	4.799E-09	-3.087E-10
217	5	509.00	9	-1.995E+04	2.408E+04	1.157E+03	-4.246E-04	-7.221E+05	2.192E+07	4.775E-09	4.108E-10
217	5	509.00	10	-1.996E+04	2.409E+04	1.180E+03	-1.302E-03	-7.332E+05	2.192E+07	4.774E-09	4.109E-10
217	5	509.00	11	-2.239E+04	2.404E+04	-1.862E+03	3.906E-02	7.979E+05	2.193E+07	4.798E-09	-1.302E-10
217	5	509.00	12	-2.240E+04	2.404E+04	-1.839E+03	3.818E-02	7.867E+05	2.193E+07	4.798E-09	-1.301E-10
217	5	509.00	13	-1.963E+04	2.409E+04	1.040E+03	-4.431E-04	-7.401E+05	2.192E+07	4.775E-09	2.543E-10
217	5	509.00	14	-1.964E+04	2.409E+04	1.063E+03	-1.320E-03	-7.512E+05	2.192E+07	4.774E-09	2.545E-10
217	5	509.00	15	-2.206E+04	2.404E+04	-1.980E+03	3.904E-02	7.799E+05	2.193E+07	4.798E-09	-2.866E-10
217	5	509.00	16	-2.207E+04	2.404E+04	-1.956E+03	3.816E-02	7.687E+05	2.193E+07	4.798E-09	-2.865E-10
218	1	0.00	1	1.424E+04	3.267E+04	1.873E+03	-3.816E-02	7.167E+04	7.506E+06	0.000E+00	0.000E+00
218	1	0.00	2	1.425E+04	3.267E+04	1.896E+03	-3.904E-02	7.244E+04	7.507E+06	0.000E+00	0.000E+00
218	1	0.00	3	1.668E+04	3.272E+04	-1.147E+03	1.320E-03	2.901E+05	7.475E+06	0.000E+00	0.000E+00
218	1	0.00	4	1.669E+04	3.272E+04	-1.123E+03	4.427E-04	2.909E+05	7.475E+06	0.000E+00	0.000E+00
218	1	0.00	5	1.392E+04	3.267E+04	1.755E+03	-3.818E-02	-5.979E+03	7.506E+06	0.000E+00	0.000E+00
218	1	0.00	6	1.393E+04	3.267E+04	1.779E+03	-3.906E-02	-5.205E+03	7.507E+06	0.000E+00	0.000E+00
218	1	0.00	7	1.636E+04	3.272E+04	-1.264E+03	1.301E-03	2.124E+05	7.475E+06	0.000E+00	0.000E+00
218	1	0.00	8	1.637E+04	3.271E+04	-1.240E+03	4.242E-04	2.132E+05	7.475E+06	0.000E+00	0.000E+00
218	1	0.00	9	-2.208E+04	3.265E+04	1.956E+03	-3.816E-02	1.093E+05	7.501E+06	0.000E+00	0.000E+00
218	1	0.00	10	-2.207E+04	3.265E+04	1.980E+03	-3.904E-02	1.101E+05	7.502E+06	0.000E+00	0.000E+00
218	1	0.00	11	-1.964E+04	3.270E+04	-1.063E+03	1.320E-03	3.277E+05	7.470E+06	0.000E+00	0.000E+00
218	1	0.00	12	-1.963E+04	3.270E+04	-1.040E+03	4.431E-04	3.285E+05	7.471E+06	0.000E+00	0.000E+00
218	1	0.00	13	-2.241E+04	3.265E+04	1.839E+03	-3.818E-02	3.167E+04	7.501E+06	0.000E+00	0.000E+00
218	1	0.00	14	-2.240E+04	3.265E+04	1.862E+03	-3.906E-02	3.245E+04	7.502E+06	0.000E+00	0.000E+00
218	1	0.00	15	-1.997E+04	3.270E+04	-1.180E+03	1.302E-03	2.501E+05	7.470E+06	0.000E+00	0.000E+00
218	1	0.00	16	-1.996E+04	3.270E+04	-1.157E+03	4.246E-04	2.509E+05	7.470E+06	0.000E+00	0.000E+00
218	2	127.25	1	1.425E+04	3.051E+04	1.873E+03	-3.816E-02	-7.176E+04	1.153E+07	-4.040E-02	-1.435E-03
218	2	127.25	2	1.426E+04	3.051E+04	1.896E+03	-3.904E-02	-7.397E+04	1.153E+07	-4.041E-02	-1.463E-03
218	2	127.25	3	1.669E+04	3.056E+04	-1.147E+03	1.320E-03	3.411E+05	1.150E+07	-4.034E-02	2.798E-03
218	2	127.25	4	1.669E+04	3.056E+04	-1.123E+03	4.427E-04	3.389E+05	1.150E+07	-4.034E-02	2.771E-03
218	2	127.25	5	1.392E+04	3.051E+04	1.755E+03	-3.818E-02	-1.345E+05	1.153E+07	-4.040E-02	-1.781E-03
218	2	127.25	6	1.393E+04	3.051E+04	1.779E+03	-3.906E-02	-1.367E+05	1.153E+07	-4.041E-02	-1.809E-03
218	2	127.25	7	1.636E+04	3.056E+04	-1.264E+03	1.301E-03	2.784E+05	1.150E+07	-4.034E-02	2.452E-03
218	2	127.25	8	1.637E+04	3.056E+04	-1.240E+03	4.242E-04	2.762E+05	1.150E+07	-4.034E-02	2.424E-03
218	2	127.25	9	-2.208E+04	3.050E+04	1.956E+03	-3.816E-02	-4.475E+04	1.152E+07	-4.038E-02	-1.304E-03
218	2	127.25	10	-2.207E+04	3.050E+04	1.980E+03	-3.904E-02	-4.695E+04	1.152E+07	-4.038E-02	-1.332E-03
218	2	127.25	11	-1.964E+04	3.055E+04	-1.063E+03	1.320E-03	3.682E+05	1.149E+07	-4.032E-02	2.929E-03
218	2	127.25	12	-1.963E+04	3.055E+04	-1.040E+03	4.431E-04	3.659E+05	1.149E+07	-4.032E-02	2.902E-03
218	2	127.25	13	-2.241E+04	3.050E+04	1.839E+03	-3.818E-02	-1.075E+05	1.152E+07	-4.038E-02	-1.651E-03

218	2	127.25	14	-2.240E+04	3.050E+04	1.862E+03	-3.906E-02	-1.097E+05	1.152E+07	-4.038E-02	-1.678E-03
218	2	127.25	15	-1.997E+04	3.055E+04	-1.180E+03	1.302E-03	3.054E+05	1.149E+07	-4.032E-02	2.583E-03
218	2	127.25	16	-1.996E+04	3.055E+04	-1.157E+03	4.246E-04	3.032E+05	1.149E+07	-4.032E-02	2.555E-03
218	3	254.50	1	1.425E+04	2.836E+04	1.873E+03	-3.816E-02	-2.951E+05	1.527E+07	-5.854E-02	-2.581E-03
218	3	254.50	2	1.426E+04	2.836E+04	1.896E+03	-3.904E-02	-3.002E+05	1.527E+07	-5.854E-02	-2.626E-03
218	3	254.50	3	1.669E+04	2.841E+04	-1.147E+03	1.320E-03	4.721E+05	1.525E+07	-5.847E-02	4.129E-03
218	3	254.50	4	1.670E+04	2.841E+04	-1.123E+03	4.427E-04	4.669E+05	1.525E+07	-5.847E-02	4.084E-03
218	3	254.50	5	1.392E+04	2.836E+04	1.755E+03	-3.818E-02	-3.429E+05	1.527E+07	-5.854E-02	-3.000E-03
218	3	254.50	6	1.393E+04	2.836E+04	1.779E+03	-3.906E-02	-3.481E+05	1.527E+07	-5.854E-02	-3.045E-03
218	3	254.50	7	1.636E+04	2.841E+04	-1.264E+03	1.301E-03	4.242E+05	1.525E+07	-5.847E-02	3.711E-03
218	3	254.50	8	1.637E+04	2.841E+04	-1.240E+03	4.242E-04	4.191E+05	1.525E+07	-5.847E-02	3.666E-03
218	3	254.50	9	-2.208E+04	2.835E+04	1.956E+03	-3.816E-02	-2.787E+05	1.526E+07	-5.851E-02	-2.438E-03
218	3	254.50	10	-2.207E+04	2.835E+04	1.980E+03	-3.904E-02	-2.839E+05	1.526E+07	-5.851E-02	-2.483E-03
218	3	254.50	11	-1.964E+04	2.839E+04	-1.063E+03	1.320E-03	4.884E+05	1.524E+07	-5.844E-02	4.273E-03
218	3	254.50	12	-1.963E+04	2.839E+04	-1.040E+03	4.431E-04	4.833E+05	1.524E+07	-5.844E-02	4.227E-03
218	3	254.50	13	-2.241E+04	2.835E+04	1.839E+03	-3.818E-02	-3.265E+05	1.526E+07	-5.851E-02	-2.856E-03
218	3	254.50	14	-2.240E+04	2.835E+04	1.862E+03	-3.906E-02	-3.317E+05	1.526E+07	-5.851E-02	-2.902E-03
218	3	254.50	15	-1.997E+04	2.839E+04	-1.180E+03	1.302E-03	4.406E+05	1.524E+07	-5.844E-02	3.854E-03
218	3	254.50	16	-1.996E+04	2.839E+04	-1.157E+03	4.246E-04	4.354E+05	1.524E+07	-5.844E-02	3.809E-03
218	4	381.75	1	1.425E+04	2.621E+04	1.873E+03	-3.816E-02	-5.282E+05	1.874E+07	-4.728E-02	-2.442E-03
218	4	381.75	2	1.426E+04	2.621E+04	1.896E+03	-3.904E-02	-5.363E+05	1.874E+07	-4.728E-02	-2.483E-03
218	4	381.75	3	1.669E+04	2.625E+04	-1.147E+03	1.320E-03	6.128E+05	1.873E+07	-4.723E-02	3.402E-03
218	4	381.75	4	1.670E+04	2.625E+04	-1.123E+03	4.427E-04	6.046E+05	1.873E+07	-4.723E-02	3.361E-03
218	4	381.75	5	1.392E+04	2.621E+04	1.755E+03	-3.818E-02	-5.611E+05	1.874E+07	-4.728E-02	-2.724E-03
218	4	381.75	6	1.393E+04	2.621E+04	1.779E+03	-3.906E-02	-5.692E+05	1.874E+07	-4.728E-02	-2.764E-03
218	4	381.75	7	1.636E+04	2.625E+04	-1.264E+03	1.301E-03	5.799E+05	1.873E+07	-4.723E-02	3.120E-03
218	4	381.75	8	1.637E+04	2.625E+04	-1.240E+03	4.242E-04	5.717E+05	1.873E+07	-4.723E-02	3.080E-03
218	4	381.75	9	-2.208E+04	2.619E+04	1.956E+03	-3.816E-02	-5.224E+05	1.873E+07	-4.725E-02	-2.358E-03
218	4	381.75	10	-2.207E+04	2.619E+04	1.980E+03	-3.904E-02	-5.306E+05	1.873E+07	-4.725E-02	-2.399E-03
218	4	381.75	11	-1.964E+04	2.624E+04	-1.063E+03	1.320E-03	6.185E+05	1.872E+07	-4.720E-02	3.486E-03
218	4	381.75	12	-1.963E+04	2.624E+04	-1.040E+03	4.431E-04	6.104E+05	1.872E+07	-4.720E-02	3.445E-03
218	4	381.75	13	-2.240E+04	2.619E+04	1.839E+03	-3.818E-02	-5.553E+05	1.873E+07	-4.725E-02	-2.639E-03
218	4	381.75	14	-2.239E+04	2.619E+04	1.862E+03	-3.906E-02	-5.635E+05	1.873E+07	-4.725E-02	-2.680E-03
218	4	381.75	15	-1.996E+04	2.624E+04	-1.180E+03	1.302E-03	5.856E+05	1.872E+07	-4.720E-02	3.205E-03
218	4	381.75	16	-1.995E+04	2.624E+04	-1.157E+03	4.246E-04	5.774E+05	1.872E+07	-4.720E-02	3.164E-03
218	5	509.00	1	1.425E+04	2.405E+04	1.873E+03	-3.816E-02	-7.638E+05	2.194E+07	4.799E-09	3.087E-10
218	5	509.00	2	1.426E+04	2.405E+04	1.896E+03	-3.904E-02	-7.750E+05	2.194E+07	4.799E-09	3.088E-10
218	5	509.00	3	1.669E+04	2.410E+04	-1.147E+03	1.320E-03	7.561E+05	2.193E+07	4.775E-09	-2.323E-10
218	5	509.00	4	1.670E+04	2.410E+04	-1.123E+03	4.427E-04	7.450E+05	2.193E+07	4.775E-09	-2.321E-10
218	5	509.00	5	1.393E+04	2.405E+04	1.755E+03	-3.818E-02	-7.819E+05	2.194E+07	4.799E-09	1.523E-10
218	5	509.00	6	1.394E+04	2.405E+04	1.779E+03	-3.906E-02	-7.930E+05	2.194E+07	4.799E-09	1.524E-10
218	5	509.00	7	1.636E+04	2.410E+04	-1.264E+03	1.301E-03	7.381E+05	2.193E+07	4.775E-09	-3.887E-10
218	5	509.00	8	1.637E+04	2.410E+04	-1.240E+03	4.242E-04	7.269E+05	2.193E+07	4.775E-09	-3.886E-10
218	5	509.00	9	-2.207E+04	2.404E+04	1.956E+03	-3.816E-02	-7.687E+05	2.193E+07	4.798E-09	2.866E-10
218	5	509.00	10	-2.206E+04	2.404E+04	1.980E+03	-3.904E-02	-7.799E+05	2.193E+07	4.798E-09	2.867E-10
218	5	509.00	11	-1.964E+04	2.409E+04	-1.063E+03	1.320E-03	7.512E+05	2.192E+07	4.774E-09	-2.544E-10
218	5	509.00	12	-1.963E+04	2.409E+04	-1.040E+03	4.431E-04	7.401E+05	2.192E+07	4.775E-09	-2.543E-10
218	5	509.00	13	-2.240E+04	2.404E+04	1.839E+03	-3.818E-02	-7.867E+05	2.193E+07	4.798E-09	1.301E-10
218	5	509.00	14	-2.239E+04	2.404E+04	1.862E+03	-3.906E-02	-7.979E+05	2.193E+07	4.798E-09	1.302E-10
218	5	509.00	15	-1.996E+04	2.409E+04	-1.180E+03	1.302E-03	7.332E+05	2.192E+07	4.774E-09	-4.109E-10
218	5	509.00	16	-1.995E+04	2.408E+04	-1.157E+03	4.246E-04	7.221E+05	2.192E+07	4.775E-09	-4.107E-10
219	1	0.00	1	1.187E+04	1.449E+04	7.094E+02	-1.017E-02	-6.555E+05	2.193E+07	0.000E+00	0.000E+00
219	1	0.00	2	1.185E+04	1.450E+04	7.160E+02	-1.106E-02	-6.652E+05	2.193E+07	0.000E+00	0.000E+00
219	1	0.00	3	9.109E+03	1.445E+04	-5.178E+02	2.990E-02	7.470E+05	2.195E+07	0.000E+00	0.000E+00
219	1	0.00	4	9.091E+03	1.445E+04	-5.112E+02	2.901E-02	7.373E+05	2.195E+07	0.000E+00	0.000E+00
219	1	0.00	5	1.199E+04	1.449E+04	5.923E+02	-1.017E-02	-7.009E+05	2.193E+07	0.000E+00	0.000E+00
219	1	0.00	6	1.198E+04	1.450E+04	5.988E+02	-1.106E-02	-7.106E+05	2.193E+07	0.000E+00	0.000E+00
219	1	0.00	7	9.236E+03	1.445E+04	-6.350E+02	2.989E-02	7.016E+05	2.195E+07	0.000E+00	0.000E+00
219	1	0.00	8	9.217E+03	1.445E+04	-6.284E+02	2.900E-02	6.919E+05	2.195E+07	0.000E+00	0.000E+00
219	1	0.00	9	-1.490E+04	1.449E+04	7.191E+02	-1.017E-02	-6.506E+05	2.192E+07	0.000E+00	0.000E+00
219	1	0.00	10	-1.492E+04	1.449E+04	7.257E+02	-1.106E-02	-6.603E+05	2.192E+07	0.000E+00	0.000E+00
219	1	0.00	11	-1.766E+04	1.444E+04	-5.081E+02	2.990E-02	7.518E+05	2.194E+07	0.000E+00	0.000E+00

219	1	0.00	12	-1.768E+04	1.444E+04	-5.015E+02	2.901E-02	7.421E+05	2.193E+07	0.000E+00	0.000E+00
219	1	0.00	13	-1.477E+04	1.449E+04	6.020E+02	-1.017E-02	-6.960E+05	2.192E+07	0.000E+00	0.000E+00
219	1	0.00	14	-1.479E+04	1.449E+04	6.085E+02	-1.106E-02	-7.057E+05	2.192E+07	0.000E+00	0.000E+00
219	1	0.00	15	-1.753E+04	1.444E+04	-6.253E+02	2.989E-02	7.064E+05	2.194E+07	0.000E+00	0.000E+00
219	1	0.00	16	-1.755E+04	1.444E+04	-6.187E+02	2.900E-02	6.967E+05	2.194E+07	0.000E+00	0.000E+00
219	2	127.50	1	1.187E+04	1.234E+04	7.094E+02	-1.017E-02	-7.369E+05	2.364E+07	-7.089E-02	-5.217E-03
219	2	127.50	2	1.185E+04	1.234E+04	7.160E+02	-1.106E-02	-7.475E+05	2.364E+07	-7.089E-02	-5.290E-03
219	2	127.50	3	9.112E+03	1.229E+04	-5.178E+02	2.990E-02	8.040E+05	2.365E+07	-7.091E-02	5.552E-03
219	2	127.50	4	9.093E+03	1.229E+04	-5.112E+02	2.901E-02	7.934E+05	2.365E+07	-7.091E-02	5.479E-03
219	2	127.50	5	1.200E+04	1.234E+04	5.923E+02	-1.017E-02	-7.674E+05	2.364E+07	-7.089E-02	-5.352E-03
219	2	127.50	6	1.198E+04	1.234E+04	5.988E+02	-1.106E-02	-7.779E+05	2.364E+07	-7.089E-02	-5.425E-03
219	2	127.50	7	9.238E+03	1.229E+04	-6.350E+02	2.989E-02	7.735E+05	2.365E+07	-7.091E-02	5.417E-03
219	2	127.50	8	9.219E+03	1.229E+04	-6.284E+02	2.900E-02	7.630E+05	2.365E+07	-7.091E-02	5.344E-03
219	2	127.50	9	-1.490E+04	1.233E+04	7.191E+02	-1.017E-02	-7.333E+05	2.363E+07	-7.085E-02	-5.199E-03
219	2	127.50	10	-1.492E+04	1.233E+04	7.257E+02	-1.106E-02	-7.439E+05	2.363E+07	-7.085E-02	-5.272E-03
219	2	127.50	11	-1.765E+04	1.228E+04	-5.081E+02	2.990E-02	8.076E+05	2.364E+07	-7.087E-02	5.570E-03
219	2	127.50	12	-1.767E+04	1.228E+04	-5.015E+02	2.901E-02	7.970E+05	2.364E+07	-7.087E-02	5.497E-03
219	2	127.50	13	-1.477E+04	1.233E+04	6.020E+02	-1.017E-02	-7.638E+05	2.363E+07	-7.085E-02	-5.334E-03
219	2	127.50	14	-1.479E+04	1.233E+04	6.085E+02	-1.106E-02	-7.743E+05	2.363E+07	-7.085E-02	-5.407E-03
219	2	127.50	15	-1.753E+04	1.228E+04	-6.253E+02	2.989E-02	7.771E+05	2.364E+07	-7.088E-02	5.435E-03
219	2	127.50	16	-1.755E+04	1.228E+04	-6.187E+02	2.900E-02	7.666E+05	2.364E+07	-7.087E-02	5.362E-03
219	3	255.00	1	1.187E+04	9.697E+03	7.094E+02	-1.017E-02	-8.200E+05	2.507E+07	-9.625E-02	-7.201E-03
219	3	255.00	2	1.185E+04	9.699E+03	7.160E+02	-1.106E-02	-8.313E+05	2.507E+07	-9.625E-02	-7.301E-03
219	3	255.00	3	9.114E+03	9.650E+03	-5.178E+02	2.990E-02	8.626E+05	2.508E+07	-9.627E-02	7.575E-03
219	3	255.00	4	9.095E+03	9.651E+03	-5.112E+02	2.901E-02	8.512E+05	2.508E+07	-9.627E-02	7.475E-03
219	3	255.00	5	1.200E+04	9.698E+03	5.923E+02	-1.017E-02	-8.355E+05	2.507E+07	-9.625E-02	-7.337E-03
219	3	255.00	6	1.198E+04	9.699E+03	5.988E+02	-1.106E-02	-8.468E+05	2.507E+07	-9.625E-02	-7.437E-03
219	3	255.00	7	9.241E+03	9.650E+03	-6.350E+02	2.989E-02	8.471E+05	2.508E+07	-9.628E-02	7.439E-03
219	3	255.00	8	9.222E+03	9.651E+03	-6.284E+02	2.900E-02	8.357E+05	2.508E+07	-9.628E-02	7.339E-03
219	3	255.00	9	-1.489E+04	9.693E+03	7.191E+02	-1.017E-02	-8.176E+05	2.506E+07	-9.620E-02	-7.180E-03
219	3	255.00	10	-1.491E+04	9.694E+03	7.257E+02	-1.106E-02	-8.290E+05	2.506E+07	-9.620E-02	-7.280E-03
219	3	255.00	11	-1.765E+04	9.645E+03	-5.081E+02	2.990E-02	8.649E+05	2.507E+07	-9.622E-02	7.596E-03
219	3	255.00	12	-1.767E+04	9.647E+03	-5.015E+02	2.901E-02	8.536E+05	2.507E+07	-9.622E-02	7.496E-03
219	3	255.00	13	-1.477E+04	9.693E+03	6.020E+02	-1.017E-02	-8.331E+05	2.506E+07	-9.620E-02	-7.316E-03
219	3	255.00	14	-1.479E+04	9.694E+03	6.085E+02	-1.106E-02	-8.445E+05	2.506E+07	-9.620E-02	-7.416E-03
219	3	255.00	15	-1.753E+04	9.646E+03	-6.253E+02	2.989E-02	8.494E+05	2.507E+07	-9.623E-02	7.460E-03
219	3	255.00	16	-1.754E+04	9.647E+03	-6.187E+02	2.900E-02	8.381E+05	2.507E+07	-9.623E-02	7.360E-03
219	4	382.50	1	1.187E+04	7.539E+03	7.094E+02	-1.017E-02	-9.042E+05	2.617E+07	-7.330E-02	-5.585E-03
219	4	382.50	2	1.186E+04	7.540E+03	7.160E+02	-1.106E-02	-9.164E+05	2.617E+07	-7.330E-02	-5.662E-03
219	4	382.50	3	9.116E+03	7.492E+03	-5.178E+02	2.990E-02	9.224E+05	2.617E+07	-7.332E-02	5.812E-03
219	4	382.50	4	9.097E+03	7.493E+03	-5.112E+02	2.901E-02	9.102E+05	2.617E+07	-7.332E-02	5.735E-03
219	4	382.50	5	1.200E+04	7.539E+03	5.923E+02	-1.017E-02	-9.048E+05	2.617E+07	-7.331E-02	-5.654E-03
219	4	382.50	6	1.198E+04	7.540E+03	5.988E+02	-1.106E-02	-9.170E+05	2.617E+07	-7.330E-02	-5.731E-03
219	4	382.50	7	9.243E+03	7.492E+03	-6.350E+02	2.989E-02	9.218E+05	2.617E+07	-7.332E-02	5.743E-03
219	4	382.50	8	9.224E+03	7.493E+03	-6.284E+02	2.900E-02	9.096E+05	2.617E+07	-7.332E-02	5.666E-03
219	4	382.50	9	-1.489E+04	7.535E+03	7.191E+02	-1.017E-02	-9.031E+05	2.616E+07	-7.327E-02	-5.572E-03
219	4	382.50	10	-1.491E+04	7.536E+03	7.257E+02	-1.106E-02	-9.153E+05	2.616E+07	-7.327E-02	-5.649E-03
219	4	382.50	11	-1.765E+04	7.487E+03	-5.081E+02	2.990E-02	9.235E+05	2.616E+07	-7.328E-02	5.825E-03
219	4	382.50	12	-1.767E+04	7.488E+03	-5.015E+02	2.901E-02	9.113E+05	2.616E+07	-7.328E-02	5.748E-03
219	4	382.50	13	-1.476E+04	7.535E+03	6.020E+02	-1.017E-02	-9.036E+05	2.616E+07	-7.327E-02	-5.641E-03
219	4	382.50	14	-1.478E+04	7.536E+03	6.085E+02	-1.106E-02	-9.158E+05	2.616E+07	-7.327E-02	-5.718E-03
219	4	382.50	15	-1.752E+04	7.487E+03	-6.253E+02	2.989E-02	9.229E+05	2.616E+07	-7.328E-02	5.755E-03
219	4	382.50	16	-1.754E+04	7.488E+03	-6.187E+02	2.900E-02	9.107E+05	2.616E+07	-7.328E-02	5.679E-03
219	5	510.00	1	1.188E+04	5.381E+03	7.094E+02	-1.017E-02	-9.894E+05	2.700E+07	-1.261E-08	-6.763E-10
219	5	510.00	2	1.186E+04	5.382E+03	7.160E+02	-1.106E-02	-1.002E+06	2.700E+07	-1.261E-08	-6.858E-10
219	5	510.00	3	9.118E+03	5.334E+03	-5.178E+02	2.990E-02	9.831E+05	2.699E+07	-1.261E-08	6.883E-10
219	5	510.00	4	9.099E+03	5.335E+03	-5.112E+02	2.901E-02	9.701E+05	2.699E+07	-1.261E-08	6.788E-10
219	5	510.00	5	1.200E+04	5.381E+03	5.923E+02	-1.017E-02	-9.750E+05	2.700E+07	-1.261E-08	-6.494E-10
219	5	510.00	6	1.198E+04	5.382E+03	5.988E+02	-1.106E-02	-9.881E+05	2.700E+07	-1.261E-08	-6.589E-10
219	5	510.00	7	9.245E+03	5.334E+03	-6.350E+02	2.989E-02	9.975E+05	2.699E+07	-1.261E-08	7.152E-10
219	5	510.00	8	9.226E+03	5.335E+03	-6.284E+02	2.900E-02	9.845E+05	2.699E+07	-1.261E-08	7.057E-10
219	5	510.00	9	-1.489E+04	5.376E+03	7.191E+02	-1.017E-02	-9.895E+05	2.698E+07	-1.259E-08	-6.791E-10

219	5	510.00	10	-1.491E+04	5.377E+03	7.257E+02	-1.106E-02	-1.003E+06	2.698E+07	-1.259E-08	-6.886E-10
219	5	510.00	11	-1.765E+04	5.329E+03	-5.081E+02	2.990E-02	9.830E+05	2.698E+07	-1.259E-08	6.855E-10
219	5	510.00	12	-1.767E+04	5.330E+03	-5.015E+02	2.901E-02	9.700E+05	2.698E+07	-1.259E-08	6.760E-10
219	5	510.00	13	-1.476E+04	5.377E+03	6.020E+02	-1.017E-02	-9.751E+05	2.698E+07	-1.259E-08	-6.521E-10
219	5	510.00	14	-1.478E+04	5.378E+03	6.085E+02	-1.106E-02	-9.882E+05	2.698E+07	-1.259E-08	-6.616E-10
219	5	510.00	15	-1.752E+04	5.329E+03	-6.253E+02	2.989E-02	9.974E+05	2.698E+07	-1.259E-08	7.125E-10
219	5	510.00	16	-1.754E+04	5.330E+03	-6.187E+02	2.900E-02	9.844E+05	2.698E+07	-1.259E-08	7.029E-10
220	1	0.00	1	9.217E+03	1.445E+04	6.284E+02	-2.900E-02	-6.919E+05	2.195E+07	0.000E+00	0.000E+00
220	1	0.00	2	9.236E+03	1.445E+04	6.350E+02	-2.989E-02	-7.016E+05	2.195E+07	0.000E+00	0.000E+00
220	1	0.00	3	1.198E+04	1.450E+04	-5.988E+02	1.106E-02	7.106E+05	2.193E+07	0.000E+00	0.000E+00
220	1	0.00	4	1.199E+04	1.449E+04	-5.923E+02	1.017E-02	7.009E+05	2.193E+07	0.000E+00	0.000E+00
220	1	0.00	5	9.091E+03	1.445E+04	5.112E+02	-2.901E-02	-7.373E+05	2.195E+07	0.000E+00	0.000E+00
220	1	0.00	6	9.109E+03	1.445E+04	5.178E+02	-2.990E-02	-7.470E+05	2.195E+07	0.000E+00	0.000E+00
220	1	0.00	7	1.185E+04	1.450E+04	-7.160E+02	1.106E-02	6.652E+05	2.193E+07	0.000E+00	0.000E+00
220	1	0.00	8	1.187E+04	1.449E+04	-7.094E+02	1.017E-02	6.555E+05	2.193E+07	0.000E+00	0.000E+00
220	1	0.00	9	-1.755E+04	1.444E+04	6.187E+02	-2.900E-02	-6.967E+05	2.194E+07	0.000E+00	0.000E+00
220	1	0.00	10	-1.753E+04	1.444E+04	6.253E+02	-2.989E-02	-7.064E+05	2.194E+07	0.000E+00	0.000E+00
220	1	0.00	11	-1.479E+04	1.449E+04	-6.085E+02	1.106E-02	7.057E+05	2.192E+07	0.000E+00	0.000E+00
220	1	0.00	12	-1.477E+04	1.449E+04	-6.020E+02	1.017E-02	6.960E+05	2.192E+07	0.000E+00	0.000E+00
220	1	0.00	13	-1.768E+04	1.444E+04	5.015E+02	-2.901E-02	-7.421E+05	2.193E+07	0.000E+00	0.000E+00
220	1	0.00	14	-1.766E+04	1.444E+04	5.081E+02	-2.990E-02	-7.518E+05	2.194E+07	0.000E+00	0.000E+00
220	1	0.00	15	-1.492E+04	1.449E+04	-7.257E+02	1.106E-02	6.603E+05	2.192E+07	0.000E+00	0.000E+00
220	1	0.00	16	-1.490E+04	1.449E+04	-7.191E+02	1.017E-02	6.506E+05	2.192E+07	0.000E+00	0.000E+00
220	2	127.50	1	9.219E+03	1.229E+04	6.284E+02	-2.900E-02	-7.630E+05	2.365E+07	-7.091E-02	-5.344E-03
220	2	127.50	2	9.238E+03	1.229E+04	6.350E+02	-2.989E-02	-7.735E+05	2.365E+07	-7.091E-02	-5.417E-03
220	2	127.50	3	1.198E+04	1.234E+04	-5.988E+02	1.106E-02	7.779E+05	2.364E+07	-7.089E-02	5.425E-03
220	2	127.50	4	1.200E+04	1.234E+04	-5.923E+02	1.017E-02	7.674E+05	2.364E+07	-7.089E-02	5.352E-03
220	2	127.50	5	9.093E+03	1.229E+04	5.112E+02	-2.901E-02	-7.934E+05	2.365E+07	-7.091E-02	-5.479E-03
220	2	127.50	6	9.112E+03	1.229E+04	5.178E+02	-2.990E-02	-8.040E+05	2.365E+07	-7.091E-02	-5.552E-03
220	2	127.50	7	1.185E+04	1.234E+04	-7.160E+02	1.106E-02	7.475E+05	2.364E+07	-7.089E-02	5.290E-03
220	2	127.50	8	1.187E+04	1.234E+04	-7.094E+02	1.017E-02	7.369E+05	2.364E+07	-7.089E-02	5.217E-03
220	2	127.50	9	-1.755E+04	1.228E+04	6.187E+02	-2.900E-02	-7.666E+05	2.364E+07	-7.087E-02	-5.362E-03
220	2	127.50	10	-1.753E+04	1.228E+04	6.253E+02	-2.989E-02	-7.771E+05	2.364E+07	-7.088E-02	-5.435E-03
220	2	127.50	11	-1.479E+04	1.233E+04	-6.085E+02	1.106E-02	7.743E+05	2.363E+07	-7.085E-02	5.407E-03
220	2	127.50	12	-1.477E+04	1.233E+04	-6.020E+02	1.017E-02	7.638E+05	2.363E+07	-7.085E-02	5.334E-03
220	2	127.50	13	-1.767E+04	1.228E+04	5.015E+02	-2.901E-02	-7.970E+05	2.364E+07	-7.087E-02	-5.497E-03
220	2	127.50	14	-1.765E+04	1.228E+04	5.081E+02	-2.990E-02	-8.076E+05	2.364E+07	-7.087E-02	-5.570E-03
220	2	127.50	15	-1.492E+04	1.233E+04	-7.257E+02	1.106E-02	7.439E+05	2.363E+07	-7.085E-02	5.272E-03
220	2	127.50	16	-1.490E+04	1.233E+04	-7.191E+02	1.017E-02	7.333E+05	2.363E+07	-7.085E-02	5.199E-03
220	3	255.00	1	9.222E+03	9.651E+03	6.284E+02	-2.900E-02	-8.357E+05	2.508E+07	-9.628E-02	-7.339E-03
220	3	255.00	2	9.241E+03	9.650E+03	6.350E+02	-2.989E-02	-8.471E+05	2.508E+07	-9.628E-02	-7.439E-03
220	3	255.00	3	1.198E+04	9.699E+03	-5.988E+02	1.106E-02	8.468E+05	2.507E+07	-9.625E-02	7.437E-03
220	3	255.00	4	1.200E+04	9.698E+03	-5.923E+02	1.017E-02	8.355E+05	2.507E+07	-9.625E-02	7.337E-03
220	3	255.00	5	9.095E+03	9.651E+03	5.112E+02	-2.901E-02	-8.512E+05	2.508E+07	-9.627E-02	-7.475E-03
220	3	255.00	6	9.114E+03	9.650E+03	5.178E+02	-2.990E-02	-8.626E+05	2.508E+07	-9.627E-02	-7.575E-03
220	3	255.00	7	1.185E+04	9.699E+03	-7.160E+02	1.106E-02	8.313E+05	2.507E+07	-9.625E-02	7.301E-03
220	3	255.00	8	1.187E+04	9.697E+03	-7.094E+02	1.017E-02	8.200E+05	2.507E+07	-9.625E-02	7.201E-03
220	3	255.00	9	-1.754E+04	9.647E+03	6.187E+02	-2.900E-02	-8.381E+05	2.507E+07	-9.623E-02	-7.360E-03
220	3	255.00	10	-1.753E+04	9.646E+03	6.253E+02	-2.989E-02	-8.494E+05	2.507E+07	-9.623E-02	-7.460E-03
220	3	255.00	11	-1.479E+04	9.694E+03	-6.085E+02	1.106E-02	8.445E+05	2.506E+07	-9.620E-02	7.416E-03
220	3	255.00	12	-1.477E+04	9.693E+03	-6.020E+02	1.017E-02	8.331E+05	2.506E+07	-9.620E-02	7.316E-03
220	3	255.00	13	-1.767E+04	9.647E+03	5.015E+02	-2.901E-02	-8.536E+05	2.507E+07	-9.622E-02	-7.496E-03
220	3	255.00	14	-1.765E+04	9.645E+03	5.081E+02	-2.990E-02	-8.649E+05	2.507E+07	-9.622E-02	-7.596E-03
220	3	255.00	15	-1.491E+04	9.694E+03	-7.257E+02	1.106E-02	8.290E+05	2.506E+07	-9.620E-02	7.280E-03
220	3	255.00	16	-1.489E+04	9.693E+03	-7.191E+02	1.017E-02	8.176E+05	2.506E+07	-9.620E-02	7.180E-03
220	4	382.50	1	9.224E+03	7.493E+03	6.284E+02	-2.900E-02	-9.096E+05	2.617E+07	-7.332E-02	-5.666E-03
220	4	382.50	2	9.243E+03	7.492E+03	6.350E+02	-2.989E-02	-9.218E+05	2.617E+07	-7.332E-02	-5.743E-03
220	4	382.50	3	1.198E+04	7.540E+03	-5.988E+02	1.106E-02	9.170E+05	2.617E+07	-7.330E-02	5.731E-03
220	4	382.50	4	1.200E+04	7.539E+03	-5.923E+02	1.017E-02	9.048E+05	2.617E+07	-7.331E-02	5.654E-03
220	4	382.50	5	9.097E+03	7.493E+03	5.112E+02	-2.901E-02	-9.102E+05	2.617E+07	-7.332E-02	-5.735E-03
220	4	382.50	6	9.116E+03	7.492E+03	5.178E+02	-2.990E-02	-9.224E+05	2.617E+07	-7.332E-02	-5.812E-03
220	4	382.50	7	1.186E+04	7.540E+03	-7.160E+02	1.106E-02	9.164E+05	2.617E+07	-7.330E-02	5.662E-03

220	4	382.50	8	1.187E+04	7.539E+03	-7.094E+02	1.017E-02	9.042E+05	2.617E+07	-7.330E-02	5.585E-03
220	4	382.50	9	-1.754E+04	7.488E+03	6.187E+02	-2.900E-02	-9.107E+05	2.616E+07	-7.328E-02	-5.679E-03
220	4	382.50	10	-1.752E+04	7.487E+03	6.253E+02	-2.989E-02	-9.229E+05	2.616E+07	-7.328E-02	-5.755E-03
220	4	382.50	11	-1.478E+04	7.536E+03	-6.085E+02	1.106E-02	9.158E+05	2.616E+07	-7.327E-02	5.718E-03
220	4	382.50	12	-1.476E+04	7.535E+03	-6.020E+02	1.017E-02	9.036E+05	2.616E+07	-7.327E-02	5.641E-03
220	4	382.50	13	-1.767E+04	7.488E+03	5.015E+02	-2.901E-02	-9.113E+05	2.616E+07	-7.328E-02	-5.748E-03
220	4	382.50	14	-1.765E+04	7.487E+03	5.081E+02	-2.990E-02	-9.235E+05	2.616E+07	-7.328E-02	-5.825E-03
220	4	382.50	15	-1.491E+04	7.536E+03	-7.257E+02	1.106E-02	9.153E+05	2.616E+07	-7.327E-02	5.649E-03
220	4	382.50	16	-1.489E+04	7.535E+03	-7.191E+02	1.017E-02	9.031E+05	2.616E+07	-7.327E-02	5.572E-03
220	5	510.00	1	9.226E+03	5.335E+03	6.284E+02	-2.900E-02	-9.845E+05	2.699E+07	-1.261E-08	-7.057E-10
220	5	510.00	2	9.245E+03	5.334E+03	6.350E+02	-2.989E-02	-9.975E+05	2.699E+07	-1.261E-08	-7.152E-10
220	5	510.00	3	1.198E+04	5.382E+03	-5.988E+02	1.106E-02	9.881E+05	2.700E+07	-1.261E-08	6.589E-10
220	5	510.00	4	1.200E+04	5.381E+03	-5.923E+02	1.017E-02	9.750E+05	2.700E+07	-1.261E-08	6.494E-10
220	5	510.00	5	9.099E+03	5.335E+03	5.112E+02	-2.901E-02	-9.701E+05	2.699E+07	-1.261E-08	-6.788E-10
220	5	510.00	6	9.118E+03	5.334E+03	5.178E+02	-2.990E-02	-9.831E+05	2.699E+07	-1.261E-08	-6.883E-10
220	5	510.00	7	1.186E+04	5.382E+03	-7.160E+02	1.106E-02	1.002E+06	2.700E+07	-1.261E-08	6.858E-10
220	5	510.00	8	1.188E+04	5.381E+03	-7.094E+02	1.017E-02	9.894E+05	2.700E+07	-1.261E-08	6.763E-10
220	5	510.00	9	-1.754E+04	5.330E+03	6.187E+02	-2.900E-02	-9.844E+05	2.698E+07	-1.259E-08	-7.029E-10
220	5	510.00	10	-1.752E+04	5.329E+03	6.253E+02	-2.989E-02	-9.974E+05	2.698E+07	-1.259E-08	-7.124E-10
220	5	510.00	11	-1.478E+04	5.378E+03	-6.085E+02	1.106E-02	9.882E+05	2.698E+07	-1.259E-08	6.617E-10
220	5	510.00	12	-1.476E+04	5.377E+03	-6.020E+02	1.017E-02	9.751E+05	2.698E+07	-1.259E-08	6.521E-10
220	5	510.00	13	-1.767E+04	5.330E+03	5.015E+02	-2.901E-02	-9.700E+05	2.698E+07	-1.259E-08	-6.760E-10
220	5	510.00	14	-1.765E+04	5.329E+03	5.081E+02	-2.990E-02	-9.830E+05	2.698E+07	-1.259E-08	-6.855E-10
220	5	510.00	15	-1.491E+04	5.377E+03	-7.257E+02	1.106E-02	1.003E+06	2.698E+07	-1.259E-08	6.886E-10
220	5	510.00	16	-1.489E+04	5.376E+03	-7.191E+02	1.017E-02	9.895E+05	2.698E+07	-1.259E-08	6.791E-10
221	1	0.00	1	6.816E+03	-5.335E+03	-5.572E+02	-2.902E-02	-9.704E+05	2.699E+07	0.000E+00	0.000E+00
221	1	0.00	2	6.793E+03	-5.334E+03	-5.639E+02	-2.991E-02	-9.828E+05	2.699E+07	0.000E+00	0.000E+00
221	1	0.00	3	4.107E+03	-5.382E+03	5.852E+02	1.106E-02	9.919E+05	2.700E+07	0.000E+00	0.000E+00
221	1	0.00	4	4.084E+03	-5.381E+03	5.785E+02	1.017E-02	9.795E+05	2.700E+07	0.000E+00	0.000E+00
221	1	0.00	5	6.723E+03	-5.335E+03	-6.743E+02	-2.900E-02	-9.846E+05	2.699E+07	0.000E+00	0.000E+00
221	1	0.00	6	6.699E+03	-5.334E+03	-6.811E+02	-2.989E-02	-9.969E+05	2.699E+07	0.000E+00	0.000E+00
221	1	0.00	7	4.014E+03	-5.383E+03	4.681E+02	1.107E-02	9.777E+05	2.700E+07	0.000E+00	0.000E+00
221	1	0.00	8	3.991E+03	-5.381E+03	4.613E+02	1.018E-02	9.654E+05	2.700E+07	0.000E+00	0.000E+00
221	1	0.00	9	-9.633E+03	-5.329E+03	-5.514E+02	-2.902E-02	-9.705E+05	2.698E+07	0.000E+00	0.000E+00
221	1	0.00	10	-9.656E+03	-5.328E+03	-5.581E+02	-2.991E-02	-9.829E+05	2.698E+07	0.000E+00	0.000E+00
221	1	0.00	11	-1.234E+04	-5.377E+03	5.910E+02	1.106E-02	9.918E+05	2.698E+07	0.000E+00	0.000E+00
221	1	0.00	12	-1.236E+04	-5.376E+03	5.843E+02	1.017E-02	9.794E+05	2.698E+07	0.000E+00	0.000E+00
221	1	0.00	13	-9.726E+03	-5.330E+03	-6.685E+02	-2.900E-02	-9.847E+05	2.698E+07	0.000E+00	0.000E+00
221	1	0.00	14	-9.750E+03	-5.329E+03	-6.753E+02	-2.989E-02	-9.971E+05	2.698E+07	0.000E+00	0.000E+00
221	1	0.00	15	-1.243E+04	-5.377E+03	4.739E+02	1.107E-02	9.776E+05	2.698E+07	0.000E+00	0.000E+00
221	1	0.00	16	-1.246E+04	-5.376E+03	4.672E+02	1.018E-02	9.653E+05	2.698E+07	0.000E+00	0.000E+00
221	2	127.50	1	6.818E+03	-7.493E+03	-5.572E+02	-2.902E-02	-9.055E+05	2.617E+07	-7.332E-02	-5.682E-03
221	2	127.50	2	6.795E+03	-7.492E+03	-5.639E+02	-2.991E-02	-9.170E+05	2.617E+07	-7.332E-02	-5.754E-03
221	2	127.50	3	4.110E+03	-7.541E+03	5.852E+02	1.106E-02	9.234E+05	2.617E+07	-7.331E-02	5.785E-03
221	2	127.50	4	4.086E+03	-7.540E+03	5.785E+02	1.017E-02	9.119E+05	2.617E+07	-7.331E-02	5.713E-03
221	2	127.50	5	6.725E+03	-7.493E+03	-6.743E+02	-2.900E-02	-9.047E+05	2.617E+07	-7.332E-02	-5.612E-03
221	2	127.50	6	6.701E+03	-7.492E+03	-6.811E+02	-2.989E-02	-9.162E+05	2.617E+07	-7.332E-02	-5.684E-03
221	2	127.50	7	4.016E+03	-7.541E+03	4.681E+02	1.107E-02	9.241E+05	2.617E+07	-7.331E-02	5.855E-03
221	2	127.50	8	3.993E+03	-7.540E+03	4.613E+02	1.018E-02	9.126E+05	2.617E+07	-7.331E-02	5.783E-03
221	2	127.50	9	-9.631E+03	-7.488E+03	-5.514E+02	-2.902E-02	-9.063E+05	2.616E+07	-7.328E-02	-5.691E-03
221	2	127.50	10	-9.654E+03	-7.487E+03	-5.581E+02	-2.991E-02	-9.178E+05	2.616E+07	-7.328E-02	-5.763E-03
221	2	127.50	11	-1.234E+04	-7.535E+03	5.910E+02	1.106E-02	9.225E+05	2.616E+07	-7.327E-02	5.776E-03
221	2	127.50	12	-1.236E+04	-7.534E+03	5.843E+02	1.017E-02	9.110E+05	2.616E+07	-7.327E-02	5.704E-03
221	2	127.50	13	-9.724E+03	-7.488E+03	-6.685E+02	-2.900E-02	-9.056E+05	2.616E+07	-7.328E-02	-5.621E-03
221	2	127.50	14	-9.748E+03	-7.487E+03	-6.753E+02	-2.989E-02	-9.171E+05	2.616E+07	-7.329E-02	-5.693E-03
221	2	127.50	15	-1.243E+04	-7.535E+03	4.739E+02	1.107E-02	9.233E+05	2.616E+07	-7.327E-02	5.846E-03
221	2	127.50	16	-1.246E+04	-7.534E+03	4.672E+02	1.018E-02	9.118E+05	2.616E+07	-7.327E-02	5.774E-03
221	3	255.00	1	6.821E+03	-1.013E+04	-5.572E+02	-2.902E-02	-8.415E+05	2.508E+07	-9.627E-02	-7.390E-03
221	3	255.00	2	6.797E+03	-1.013E+04	-5.639E+02	-2.991E-02	-8.522E+05	2.508E+07	-9.627E-02	-7.484E-03
221	3	255.00	3	4.112E+03	-1.018E+04	5.852E+02	1.106E-02	8.559E+05	2.507E+07	-9.625E-02	7.516E-03
221	3	255.00	4	4.089E+03	-1.018E+04	5.785E+02	1.017E-02	8.452E+05	2.507E+07	-9.625E-02	7.423E-03
221	3	255.00	5	6.727E+03	-1.013E+04	-6.743E+02	-2.900E-02	-8.258E+05	2.508E+07	-9.627E-02	-7.253E-03

221	3	255.00	6	6.704E+03	-1.013E+04	-6.811E+02	-2.989E-02	-8.365E+05	2.508E+07	-9.628E-02	-7.346E-03
221	3	255.00	7	4.019E+03	-1.018E+04	4.681E+02	1.107E-02	8.716E+05	2.507E+07	-9.625E-02	7.654E-03
221	3	255.00	8	3.995E+03	-1.018E+04	4.613E+02	1.018E-02	8.609E+05	2.507E+07	-9.625E-02	7.561E-03
221	3	255.00	9	-9.628E+03	-1.013E+04	-5.514E+02	-2.902E-02	-8.431E+05	2.507E+07	-9.622E-02	-7.404E-03
221	3	255.00	10	-9.652E+03	-1.012E+04	-5.581E+02	-2.991E-02	-8.538E+05	2.507E+07	-9.622E-02	-7.498E-03
221	3	255.00	11	-1.234E+04	-1.017E+04	5.910E+02	1.106E-02	8.543E+05	2.506E+07	-9.620E-02	7.502E-03
221	3	255.00	12	-1.236E+04	-1.017E+04	5.843E+02	1.017E-02	8.436E+05	2.506E+07	-9.620E-02	7.409E-03
221	3	255.00	13	-9.722E+03	-1.013E+04	-6.685E+02	-2.900E-02	-8.274E+05	2.507E+07	-9.623E-02	-7.267E-03
221	3	255.00	14	-9.745E+03	-1.013E+04	-6.753E+02	-2.989E-02	-8.381E+05	2.507E+07	-9.623E-02	-7.360E-03
221	3	255.00	15	-1.243E+04	-1.017E+04	4.739E+02	1.107E-02	8.700E+05	2.506E+07	-9.620E-02	7.640E-03
221	3	255.00	16	-1.245E+04	-1.017E+04	4.672E+02	1.018E-02	8.593E+05	2.506E+07	-9.620E-02	7.547E-03
221	4	382.50	1	6.823E+03	-1.229E+04	-5.572E+02	-2.902E-02	-7.789E+05	2.365E+07	-7.090E-02	-5.404E-03
221	4	382.50	2	6.799E+03	-1.229E+04	-5.639E+02	-2.991E-02	-7.886E+05	2.365E+07	-7.091E-02	-5.472E-03
221	4	382.50	3	4.114E+03	-1.234E+04	5.852E+02	1.106E-02	7.896E+05	2.364E+07	-7.088E-02	5.491E-03
221	4	382.50	4	4.091E+03	-1.234E+04	5.785E+02	1.017E-02	7.798E+05	2.364E+07	-7.088E-02	5.423E-03
221	4	382.50	5	6.729E+03	-1.229E+04	-6.743E+02	-2.900E-02	-7.482E+05	2.365E+07	-7.091E-02	-5.268E-03
221	4	382.50	6	6.706E+03	-1.229E+04	-6.811E+02	-2.989E-02	-7.580E+05	2.365E+07	-7.091E-02	-5.336E-03
221	4	382.50	7	4.021E+03	-1.234E+04	4.681E+02	1.107E-02	8.202E+05	2.364E+07	-7.088E-02	5.627E-03
221	4	382.50	8	3.997E+03	-1.234E+04	4.613E+02	1.018E-02	8.105E+05	2.364E+07	-7.088E-02	5.559E-03
221	4	382.50	9	-9.626E+03	-1.228E+04	-5.514E+02	-2.902E-02	-7.812E+05	2.364E+07	-7.087E-02	-5.416E-03
221	4	382.50	10	-9.650E+03	-1.228E+04	-5.581E+02	-2.991E-02	-7.910E+05	2.364E+07	-7.087E-02	-5.484E-03
221	4	382.50	11	-1.233E+04	-1.233E+04	5.910E+02	1.106E-02	7.873E+05	2.363E+07	-7.084E-02	5.479E-03
221	4	382.50	12	-1.236E+04	-1.233E+04	5.843E+02	1.017E-02	7.775E+05	2.363E+07	-7.084E-02	5.410E-03
221	4	382.50	13	-9.720E+03	-1.228E+04	-6.685E+02	-2.900E-02	-7.505E+05	2.364E+07	-7.087E-02	-5.280E-03
221	4	382.50	14	-9.743E+03	-1.228E+04	-6.753E+02	-2.989E-02	-7.603E+05	2.364E+07	-7.087E-02	-5.348E-03
221	4	382.50	15	-1.243E+04	-1.233E+04	4.739E+02	1.107E-02	8.179E+05	2.363E+07	-7.085E-02	5.615E-03
221	4	382.50	16	-1.245E+04	-1.233E+04	4.672E+02	1.018E-02	8.081E+05	2.363E+07	-7.085E-02	5.547E-03
221	5	510.00	1	6.825E+03	-1.445E+04	-5.572E+02	-2.902E-02	-7.178E+05	2.195E+07	9.557E-09	1.311E-09
221	5	510.00	2	6.802E+03	-1.445E+04	-5.639E+02	-2.991E-02	-7.267E+05	2.195E+07	9.557E-09	1.305E-09
221	5	510.00	3	4.116E+03	-1.450E+04	5.852E+02	1.106E-02	7.249E+05	2.193E+07	9.560E-09	-1.310E-09
221	5	510.00	4	4.093E+03	-1.449E+04	5.785E+02	1.017E-02	7.160E+05	2.193E+07	9.560E-09	-1.315E-09
221	5	510.00	5	6.731E+03	-1.445E+04	-6.743E+02	-2.900E-02	-6.722E+05	2.195E+07	9.557E-09	1.314E-09
221	5	510.00	6	6.708E+03	-1.445E+04	-6.811E+02	-2.989E-02	-6.811E+05	2.195E+07	9.557E-09	1.309E-09
221	5	510.00	7	4.023E+03	-1.450E+04	4.681E+02	1.107E-02	7.705E+05	2.193E+07	9.560E-09	-1.306E-09
221	5	510.00	8	4.000E+03	-1.449E+04	4.613E+02	1.018E-02	7.616E+05	2.193E+07	9.560E-09	-1.312E-09
221	5	510.00	9	-9.624E+03	-1.444E+04	-5.514E+02	-2.902E-02	-7.208E+05	2.194E+07	9.563E-09	1.312E-09
221	5	510.00	10	-9.647E+03	-1.444E+04	-5.581E+02	-2.991E-02	-7.297E+05	2.194E+07	9.563E-09	1.307E-09
221	5	510.00	11	-1.233E+04	-1.449E+04	5.910E+02	1.106E-02	7.219E+05	2.192E+07	9.567E-09	-1.308E-09
221	5	510.00	12	-1.236E+04	-1.449E+04	5.843E+02	1.017E-02	7.130E+05	2.192E+07	9.567E-09	-1.314E-09
221	5	510.00	13	-9.718E+03	-1.444E+04	-6.685E+02	-2.900E-02	-6.753E+05	2.194E+07	9.563E-09	1.315E-09
221	5	510.00	14	-9.741E+03	-1.444E+04	-6.753E+02	-2.989E-02	-6.842E+05	2.194E+07	9.563E-09	1.310E-09
221	5	510.00	15	-1.243E+04	-1.449E+04	4.739E+02	1.107E-02	7.674E+05	2.192E+07	9.566E-09	-1.305E-09
221	5	510.00	16	-1.245E+04	-1.449E+04	4.672E+02	1.018E-02	7.585E+05	2.192E+07	9.566E-09	-1.310E-09
222	1	0.00	1	3.991E+03	-5.381E+03	-4.613E+02	-1.018E-02	-9.654E+05	2.700E+07	0.000E+00	0.000E+00
222	1	0.00	2	4.014E+03	-5.383E+03	-4.681E+02	-1.107E-02	-9.777E+05	2.700E+07	0.000E+00	0.000E+00
222	1	0.00	3	6.699E+03	-5.334E+03	6.811E+02	2.989E-02	9.969E+05	2.699E+07	0.000E+00	0.000E+00
222	1	0.00	4	6.723E+03	-5.335E+03	6.743E+02	2.900E-02	9.846E+05	2.699E+07	0.000E+00	0.000E+00
222	1	0.00	5	4.084E+03	-5.381E+03	-5.785E+02	-1.017E-02	-9.795E+05	2.700E+07	0.000E+00	0.000E+00
222	1	0.00	6	4.107E+03	-5.382E+03	-5.852E+02	-1.106E-02	-9.919E+05	2.700E+07	0.000E+00	0.000E+00
222	1	0.00	7	6.793E+03	-5.334E+03	5.639E+02	2.991E-02	9.828E+05	2.699E+07	0.000E+00	0.000E+00
222	1	0.00	8	6.816E+03	-5.335E+03	5.572E+02	2.902E-02	9.704E+05	2.699E+07	0.000E+00	0.000E+00
222	1	0.00	9	-1.246E+04	-5.376E+03	-4.672E+02	-1.018E-02	-9.653E+05	2.698E+07	0.000E+00	0.000E+00
222	1	0.00	10	-1.243E+04	-5.377E+03	-4.739E+02	-1.107E-02	-9.776E+05	2.698E+07	0.000E+00	0.000E+00
222	1	0.00	11	-9.750E+03	-5.329E+03	6.753E+02	2.989E-02	9.971E+05	2.698E+07	0.000E+00	0.000E+00
222	1	0.00	12	-9.726E+03	-5.330E+03	6.685E+02	2.900E-02	9.847E+05	2.698E+07	0.000E+00	0.000E+00
222	1	0.00	13	-1.236E+04	-5.376E+03	-5.843E+02	-1.017E-02	-9.794E+05	2.698E+07	0.000E+00	0.000E+00
222	1	0.00	14	-1.234E+04	-5.377E+03	-5.910E+02	-1.106E-02	-9.918E+05	2.698E+07	0.000E+00	0.000E+00
222	1	0.00	15	-9.656E+03	-5.328E+03	5.581E+02	2.991E-02	9.829E+05	2.698E+07	0.000E+00	0.000E+00
222	1	0.00	16	-9.633E+03	-5.329E+03	5.514E+02	2.902E-02	9.705E+05	2.698E+07	0.000E+00	0.000E+00
222	2	127.50	1	3.993E+03	-7.540E+03	-4.613E+02	-1.018E-02	-9.126E+05	2.617E+07	-7.331E-02	-5.783E-03
222	2	127.50	2	4.016E+03	-7.541E+03	-4.681E+02	-1.107E-02	-9.241E+05	2.617E+07	-7.331E-02	-5.855E-03
222	2	127.50	3	6.701E+03	-7.492E+03	6.811E+02	2.989E-02	9.162E+05	2.617E+07	-7.332E-02	5.684E-03

222	2	127.50	4	6.725E+03	-7.493E+03	6.743E+02	2.900E-02	9.047E+05	2.617E+07	-7.332E-02	5.612E-03
222	2	127.50	5	4.086E+03	-7.540E+03	-5.785E+02	-1.017E-02	-9.119E+05	2.617E+07	-7.331E-02	-5.713E-03
222	2	127.50	6	4.110E+03	-7.541E+03	-5.852E+02	-1.106E-02	-9.234E+05	2.617E+07	-7.331E-02	-5.785E-03
222	2	127.50	7	6.795E+03	-7.492E+03	5.639E+02	2.991E-02	9.170E+05	2.617E+07	-7.332E-02	5.754E-03
222	2	127.50	8	6.818E+03	-7.493E+03	5.572E+02	2.902E-02	9.055E+05	2.617E+07	-7.332E-02	5.682E-03
222	2	127.50	9	-1.246E+04	-7.534E+03	-4.672E+02	-1.018E-02	-9.118E+05	2.616E+07	-7.327E-02	-5.774E-03
222	2	127.50	10	-1.243E+04	-7.535E+03	-4.739E+02	-1.107E-02	-9.233E+05	2.616E+07	-7.327E-02	-5.846E-03
222	2	127.50	11	-9.748E+03	-7.487E+03	6.753E+02	2.989E-02	9.171E+05	2.616E+07	-7.329E-02	5.693E-03
222	2	127.50	12	-9.724E+03	-7.488E+03	6.685E+02	2.900E-02	9.056E+05	2.616E+07	-7.328E-02	5.621E-03
222	2	127.50	13	-1.236E+04	-7.534E+03	-5.843E+02	-1.017E-02	-9.110E+05	2.616E+07	-7.327E-02	-5.704E-03
222	2	127.50	14	-1.234E+04	-7.535E+03	-5.910E+02	-1.106E-02	-9.225E+05	2.616E+07	-7.327E-02	-5.776E-03
222	2	127.50	15	-9.654E+03	-7.487E+03	5.581E+02	2.991E-02	9.178E+05	2.616E+07	-7.328E-02	5.763E-03
222	2	127.50	16	-9.631E+03	-7.488E+03	5.514E+02	2.902E-02	9.063E+05	2.616E+07	-7.328E-02	5.691E-03
222	3	255.00	1	3.995E+03	-1.018E+04	-4.613E+02	-1.018E-02	-8.609E+05	2.507E+07	-9.625E-02	-7.561E-03
222	3	255.00	2	4.019E+03	-1.018E+04	-4.681E+02	-1.107E-02	-8.716E+05	2.507E+07	-9.625E-02	-7.654E-03
222	3	255.00	3	6.704E+03	-1.013E+04	6.811E+02	2.989E-02	8.365E+05	2.508E+07	-9.628E-02	7.346E-03
222	3	255.00	4	6.727E+03	-1.013E+04	6.743E+02	2.900E-02	8.258E+05	2.508E+07	-9.627E-02	7.253E-03
222	3	255.00	5	4.089E+03	-1.018E+04	-5.785E+02	-1.017E-02	-8.452E+05	2.507E+07	-9.625E-02	-7.423E-03
222	3	255.00	6	4.112E+03	-1.018E+04	-5.852E+02	-1.106E-02	-8.559E+05	2.507E+07	-9.625E-02	-7.516E-03
222	3	255.00	7	6.797E+03	-1.013E+04	5.639E+02	2.991E-02	8.522E+05	2.508E+07	-9.627E-02	7.484E-03
222	3	255.00	8	6.821E+03	-1.013E+04	5.572E+02	2.902E-02	8.415E+05	2.508E+07	-9.627E-02	7.390E-03
222	3	255.00	9	-1.245E+04	-1.017E+04	-4.672E+02	-1.018E-02	-8.593E+05	2.506E+07	-9.620E-02	-7.547E-03
222	3	255.00	10	-1.243E+04	-1.017E+04	-4.739E+02	-1.107E-02	-8.700E+05	2.506E+07	-9.620E-02	-7.640E-03
222	3	255.00	11	-9.745E+03	-1.013E+04	6.753E+02	2.989E-02	8.381E+05	2.507E+07	-9.623E-02	7.360E-03
222	3	255.00	12	-9.722E+03	-1.013E+04	6.685E+02	2.900E-02	8.274E+05	2.507E+07	-9.623E-02	7.267E-03
222	3	255.00	13	-1.236E+04	-1.017E+04	-5.843E+02	-1.017E-02	-8.436E+05	2.506E+07	-9.620E-02	-7.409E-03
222	3	255.00	14	-1.234E+04	-1.017E+04	-5.910E+02	-1.106E-02	-8.543E+05	2.506E+07	-9.620E-02	-7.502E-03
222	3	255.00	15	-9.652E+03	-1.012E+04	5.581E+02	2.991E-02	8.538E+05	2.507E+07	-9.622E-02	7.498E-03
222	3	255.00	16	-9.628E+03	-1.013E+04	5.514E+02	2.902E-02	8.431E+05	2.507E+07	-9.622E-02	7.404E-03
222	4	382.50	1	3.997E+03	-1.234E+04	-4.613E+02	-1.018E-02	-8.105E+05	2.364E+07	-7.088E-02	-5.559E-03
222	4	382.50	2	4.021E+03	-1.234E+04	-4.681E+02	-1.107E-02	-8.202E+05	2.364E+07	-7.088E-02	-5.627E-03
222	4	382.50	3	6.706E+03	-1.229E+04	6.811E+02	2.989E-02	7.580E+05	2.365E+07	-7.091E-02	5.336E-03
222	4	382.50	4	6.729E+03	-1.229E+04	6.743E+02	2.900E-02	7.482E+05	2.365E+07	-7.091E-02	5.268E-03
222	4	382.50	5	4.091E+03	-1.234E+04	-5.785E+02	-1.017E-02	-7.798E+05	2.364E+07	-7.088E-02	-5.423E-03
222	4	382.50	6	4.114E+03	-1.234E+04	-5.852E+02	-1.106E-02	-7.896E+05	2.364E+07	-7.088E-02	-5.491E-03
222	4	382.50	7	6.799E+03	-1.229E+04	5.639E+02	2.991E-02	7.886E+05	2.365E+07	-7.091E-02	5.472E-03
222	4	382.50	8	6.823E+03	-1.229E+04	5.572E+02	2.902E-02	7.789E+05	2.365E+07	-7.090E-02	5.404E-03
222	4	382.50	9	-1.245E+04	-1.233E+04	-4.672E+02	-1.018E-02	-8.081E+05	2.363E+07	-7.085E-02	-5.547E-03
222	4	382.50	10	-1.243E+04	-1.233E+04	-4.739E+02	-1.107E-02	-8.179E+05	2.363E+07	-7.085E-02	-5.615E-03
222	4	382.50	11	-9.743E+03	-1.228E+04	6.753E+02	2.989E-02	7.603E+05	2.364E+07	-7.087E-02	5.348E-03
222	4	382.50	12	-9.720E+03	-1.228E+04	6.685E+02	2.900E-02	7.505E+05	2.364E+07	-7.087E-02	5.280E-03
222	4	382.50	13	-1.236E+04	-1.233E+04	-5.843E+02	-1.017E-02	-7.775E+05	2.363E+07	-7.084E-02	-5.410E-03
222	4	382.50	14	-1.233E+04	-1.233E+04	-5.910E+02	-1.106E-02	-7.873E+05	2.363E+07	-7.084E-02	-5.479E-03
222	4	382.50	15	-9.650E+03	-1.228E+04	5.581E+02	2.991E-02	7.910E+05	2.364E+07	-7.087E-02	5.484E-03
222	4	382.50	16	-9.626E+03	-1.228E+04	5.514E+02	2.902E-02	7.812E+05	2.364E+07	-7.087E-02	5.416E-03
222	5	510.00	1	4.000E+03	-1.449E+04	-4.613E+02	-1.018E-02	-7.616E+05	2.193E+07	9.560E-09	1.312E-09
222	5	510.00	2	4.023E+03	-1.450E+04	-4.681E+02	-1.107E-02	-7.705E+05	2.193E+07	9.560E-09	1.306E-09
222	5	510.00	3	6.708E+03	-1.445E+04	6.811E+02	2.989E-02	6.811E+05	2.195E+07	9.557E-09	-1.309E-09
222	5	510.00	4	6.731E+03	-1.445E+04	6.743E+02	2.900E-02	6.722E+05	2.195E+07	9.557E-09	-1.314E-09
222	5	510.00	5	4.093E+03	-1.449E+04	-5.785E+02	-1.017E-02	-7.160E+05	2.193E+07	9.560E-09	1.315E-09
222	5	510.00	6	4.116E+03	-1.450E+04	-5.852E+02	-1.106E-02	-7.249E+05	2.193E+07	9.560E-09	1.310E-09
222	5	510.00	7	6.802E+03	-1.445E+04	5.639E+02	2.991E-02	7.267E+05	2.195E+07	9.557E-09	-1.305E-09
222	5	510.00	8	6.825E+03	-1.445E+04	5.572E+02	2.902E-02	7.178E+05	2.195E+07	9.557E-09	-1.311E-09
222	5	510.00	9	-1.245E+04	-1.449E+04	-4.672E+02	-1.018E-02	-7.585E+05	2.192E+07	9.566E-09	1.310E-09
222	5	510.00	10	-1.243E+04	-1.449E+04	-4.739E+02	-1.107E-02	-7.674E+05	2.192E+07	9.566E-09	1.305E-09
222	5	510.00	11	-9.741E+03	-1.444E+04	6.753E+02	2.989E-02	6.842E+05	2.194E+07	9.563E-09	-1.310E-09
222	5	510.00	12	-9.718E+03	-1.444E+04	6.685E+02	2.900E-02	6.753E+05	2.194E+07	9.563E-09	-1.315E-09
222	5	510.00	13	-1.236E+04	-1.449E+04	-5.843E+02	-1.017E-02	-7.130E+05	2.192E+07	9.567E-09	1.314E-09
222	5	510.00	14	-1.233E+04	-1.449E+04	-5.910E+02	-1.106E-02	-7.219E+05	2.192E+07	9.567E-09	1.308E-09
222	5	510.00	15	-9.647E+03	-1.444E+04	5.581E+02	2.991E-02	7.297E+05	2.194E+07	9.563E-09	-1.307E-09
222	5	510.00	16	-9.624E+03	-1.444E+04	5.514E+02	2.902E-02	7.208E+05	2.194E+07	9.563E-09	-1.312E-09
223	1	0.00	1	1.869E+03	-2.405E+04	-1.024E+03	-3.820E-02	-7.530E+05	2.194E+07	0.000E+00	0.000E+00

223	1	0.00	2	1.846E+03	-2.405E+04	-1.039E+03	-3.907E-02	-7.619E+05	2.194E+07	0.000E+00	0.000E+00
223	1	0.00	3	-3.483E+02	-2.410E+04	1.914E+03	1.296E-03	7.879E+05	2.193E+07	0.000E+00	0.000E+00
223	1	0.00	4	-3.715E+02	-2.410E+04	1.900E+03	4.185E-04	7.789E+05	2.193E+07	0.000E+00	0.000E+00
223	1	0.00	5	1.576E+03	-2.405E+04	-1.141E+03	-3.816E-02	-7.348E+05	2.194E+07	0.000E+00	0.000E+00
223	1	0.00	6	1.553E+03	-2.405E+04	-1.156E+03	-3.904E-02	-7.437E+05	2.194E+07	0.000E+00	0.000E+00
223	1	0.00	7	-6.416E+02	-2.410E+04	1.797E+03	1.331E-03	8.061E+05	2.193E+07	0.000E+00	0.000E+00
223	1	0.00	8	-6.648E+02	-2.410E+04	1.782E+03	4.543E-04	7.971E+05	2.193E+07	0.000E+00	0.000E+00
223	1	0.00	9	-4.941E+03	-2.404E+04	-1.077E+03	-3.820E-02	-7.561E+05	2.193E+07	0.000E+00	0.000E+00
223	1	0.00	10	-4.964E+03	-2.404E+04	-1.092E+03	-3.907E-02	-7.650E+05	2.193E+07	0.000E+00	0.000E+00
223	1	0.00	11	-7.158E+03	-2.408E+04	1.861E+03	1.296E-03	7.848E+05	2.192E+07	0.000E+00	0.000E+00
223	1	0.00	12	-7.182E+03	-2.408E+04	1.847E+03	4.187E-04	7.758E+05	2.192E+07	0.000E+00	0.000E+00
223	1	0.00	13	-5.234E+03	-2.404E+04	-1.194E+03	-3.816E-02	-7.379E+05	2.193E+07	0.000E+00	0.000E+00
223	1	0.00	14	-5.257E+03	-2.404E+04	-1.209E+03	-3.904E-02	-7.468E+05	2.193E+07	0.000E+00	0.000E+00
223	1	0.00	15	-7.452E+03	-2.409E+04	1.744E+03	1.332E-03	8.030E+05	2.192E+07	0.000E+00	0.000E+00
223	1	0.00	16	-7.475E+03	-2.408E+04	1.730E+03	4.545E-04	7.940E+05	2.192E+07	0.000E+00	0.000E+00
223	2	127.25	1	1.871E+03	-2.621E+04	-1.024E+03	-3.820E-02	-6.252E+05	1.874E+07	-4.728E-02	-3.551E-03
223	2	127.25	2	1.848E+03	-2.621E+04	-1.039E+03	-3.907E-02	-6.323E+05	1.874E+07	-4.728E-02	-3.589E-03
223	2	127.25	3	-3.462E+02	-2.625E+04	1.914E+03	1.296E-03	5.469E+05	1.873E+07	-4.723E-02	2.541E-03
223	2	127.25	4	-3.694E+02	-2.625E+04	1.900E+03	4.185E-04	5.398E+05	1.873E+07	-4.723E-02	2.503E-03
223	2	127.25	5	1.578E+03	-2.621E+04	-1.141E+03	-3.816E-02	-5.921E+05	1.874E+07	-4.728E-02	-3.268E-03
223	2	127.25	6	1.555E+03	-2.621E+04	-1.156E+03	-3.904E-02	-5.992E+05	1.874E+07	-4.728E-02	-3.307E-03
223	2	127.25	7	-6.395E+02	-2.625E+04	1.797E+03	1.331E-03	5.800E+05	1.873E+07	-4.723E-02	2.824E-03
223	2	127.25	8	-6.626E+02	-2.625E+04	1.782E+03	4.543E-04	5.729E+05	1.873E+07	-4.723E-02	2.786E-03
223	2	127.25	9	-4.939E+03	-2.619E+04	-1.077E+03	-3.820E-02	-6.216E+05	1.873E+07	-4.725E-02	-3.498E-03
223	2	127.25	10	-4.962E+03	-2.619E+04	-1.092E+03	-3.907E-02	-6.287E+05	1.873E+07	-4.725E-02	-3.536E-03
223	2	127.25	11	-7.156E+03	-2.624E+04	1.861E+03	1.296E-03	5.505E+05	1.872E+07	-4.720E-02	2.595E-03
223	2	127.25	12	-7.180E+03	-2.624E+04	1.847E+03	4.187E-04	5.434E+05	1.872E+07	-4.720E-02	2.556E-03
223	2	127.25	13	-5.232E+03	-2.619E+04	-1.194E+03	-3.816E-02	-5.885E+05	1.873E+07	-4.725E-02	-3.215E-03
223	2	127.25	14	-5.255E+03	-2.619E+04	-1.209E+03	-3.904E-02	-5.956E+05	1.873E+07	-4.725E-02	-3.253E-03
223	2	127.25	15	-7.450E+03	-2.624E+04	1.744E+03	1.332E-03	5.836E+05	1.872E+07	-4.720E-02	2.877E-03
223	2	127.25	16	-7.473E+03	-2.624E+04	1.730E+03	4.545E-04	5.765E+05	1.872E+07	-4.720E-02	2.839E-03
223	3	254.50	1	1.874E+03	-2.836E+04	-1.024E+03	-3.820E-02	-4.999E+05	1.527E+07	-5.854E-02	-4.373E-03
223	3	254.50	2	1.850E+03	-2.836E+04	-1.039E+03	-3.907E-02	-5.051E+05	1.527E+07	-5.854E-02	-4.418E-03
223	3	254.50	3	-3.441E+02	-2.841E+04	1.914E+03	1.296E-03	3.083E+05	1.525E+07	-5.847E-02	2.697E-03
223	3	254.50	4	-3.672E+02	-2.841E+04	1.900E+03	4.185E-04	3.031E+05	1.525E+07	-5.847E-02	2.651E-03
223	3	254.50	5	1.580E+03	-2.836E+04	-1.141E+03	-3.816E-02	-4.519E+05	1.527E+07	-5.854E-02	-3.953E-03
223	3	254.50	6	1.557E+03	-2.836E+04	-1.156E+03	-3.904E-02	-4.571E+05	1.527E+07	-5.854E-02	-3.998E-03
223	3	254.50	7	-6.374E+02	-2.841E+04	1.797E+03	1.331E-03	3.563E+05	1.525E+07	-5.847E-02	3.117E-03
223	3	254.50	8	-6.605E+02	-2.841E+04	1.782E+03	4.543E-04	3.511E+05	1.525E+07	-5.847E-02	3.071E-03
223	3	254.50	9	-4.937E+03	-2.835E+04	-1.077E+03	-3.820E-02	-4.895E+05	1.526E+07	-5.851E-02	-4.282E-03
223	3	254.50	10	-4.960E+03	-2.834E+04	-1.092E+03	-3.907E-02	-4.947E+05	1.526E+07	-5.851E-02	-4.328E-03
223	3	254.50	11	-7.154E+03	-2.839E+04	1.861E+03	1.296E-03	3.186E+05	1.524E+07	-5.844E-02	2.787E-03
223	3	254.50	12	-7.177E+03	-2.839E+04	1.847E+03	4.187E-04	3.134E+05	1.525E+07	-5.844E-02	2.742E-03
223	3	254.50	13	-5.230E+03	-2.835E+04	-1.194E+03	-3.816E-02	-4.415E+05	1.526E+07	-5.851E-02	-3.862E-03
223	3	254.50	14	-5.253E+03	-2.835E+04	-1.209E+03	-3.904E-02	-4.467E+05	1.526E+07	-5.851E-02	-3.908E-03
223	3	254.50	15	-7.448E+03	-2.839E+04	1.744E+03	1.332E-03	3.666E+05	1.524E+07	-5.844E-02	3.207E-03
223	3	254.50	16	-7.471E+03	-2.839E+04	1.730E+03	4.545E-04	3.614E+05	1.525E+07	-5.844E-02	3.162E-03
223	4	381.75	1	1.876E+03	-3.051E+04	-1.024E+03	-3.820E-02	-3.827E+05	1.153E+07	-4.040E-02	-3.013E-03
223	4	381.75	2	1.853E+03	-3.051E+04	-1.039E+03	-3.907E-02	-3.860E+05	1.153E+07	-4.040E-02	-3.043E-03
223	4	381.75	3	-3.420E+02	-3.056E+04	1.914E+03	1.296E-03	7.778E+04	1.150E+07	-4.034E-02	1.508E-03
223	4	381.75	4	-3.651E+02	-3.056E+04	1.900E+03	4.185E-04	7.444E+04	1.150E+07	-4.034E-02	1.478E-03
223	4	381.75	5	1.582E+03	-3.052E+04	-1.141E+03	-3.816E-02	-3.197E+05	1.153E+07	-4.040E-02	-2.666E-03
223	4	381.75	6	1.559E+03	-3.051E+04	-1.156E+03	-3.904E-02	-3.231E+05	1.153E+07	-4.041E-02	-2.696E-03
223	4	381.75	7	-6.353E+02	-3.056E+04	1.797E+03	1.331E-03	1.407E+05	1.150E+07	-4.034E-02	1.856E-03
223	4	381.75	8	-6.584E+02	-3.056E+04	1.782E+03	4.543E-04	1.374E+05	1.150E+07	-4.034E-02	1.826E-03
223	4	381.75	9	-4.934E+03	-3.050E+04	-1.077E+03	-3.820E-02	-3.656E+05	1.152E+07	-4.038E-02	-2.931E-03
223	4	381.75	10	-4.958E+03	-3.050E+04	-1.092E+03	-3.907E-02	-3.689E+05	1.152E+07	-4.038E-02	-2.961E-03
223	4	381.75	11	-7.152E+03	-3.055E+04	1.861E+03	1.296E-03	9.488E+04	1.149E+07	-4.032E-02	1.591E-03
223	4	381.75	12	-7.175E+03	-3.055E+04	1.847E+03	4.187E-04	9.154E+04	1.150E+07	-4.032E-02	1.561E-03
223	4	381.75	13	-5.228E+03	-3.050E+04	-1.194E+03	-3.816E-02	-3.026E+05	1.152E+07	-4.038E-02	-2.583E-03
223	4	381.75	14	-5.251E+03	-3.050E+04	-1.209E+03	-3.904E-02	-3.060E+05	1.152E+07	-4.038E-02	-2.613E-03
223	4	381.75	15	-7.445E+03	-3.055E+04	1.744E+03	1.332E-03	1.578E+05	1.149E+07	-4.032E-02	1.939E-03

223	4	381.75	16	-7.469E+03	-3.055E+04	1.730E+03	4.545E-04	1.544E+05	1.150E+07	-4.032E-02	1.909E-03
223	5	509.00	1	1.878E+03	-3.267E+04	-1.024E+03	-3.820E-02	-9.667E+04	7.506E+06	7.371E-09	2.064E-09
223	5	509.00	2	1.855E+03	-3.267E+04	-1.039E+03	-3.907E-02	-9.814E+04	7.506E+06	7.371E-09	2.056E-09
223	5	509.00	3	-3.399E+02	-3.272E+04	1.914E+03	1.296E-03	-3.215E+05	7.474E+06	7.365E-09	-2.027E-09
223	5	509.00	4	-3.630E+02	-3.271E+04	1.900E+03	4.185E-04	-3.229E+05	7.475E+06	7.365E-09	-2.035E-09
223	5	509.00	5	1.585E+03	-3.267E+04	-1.141E+03	-3.816E-02	-1.885E+04	7.506E+06	7.371E-09	2.094E-09
223	5	509.00	6	1.561E+03	-3.267E+04	-1.156E+03	-3.904E-02	-2.032E+04	7.506E+06	7.371E-09	2.087E-09
223	5	509.00	7	-6.331E+02	-3.272E+04	1.797E+03	1.331E-03	-2.436E+05	7.474E+06	7.364E-09	-1.997E-09
223	5	509.00	8	-6.563E+02	-3.272E+04	1.782E+03	4.543E-04	-2.451E+05	7.475E+06	7.364E-09	-2.004E-09
223	5	509.00	9	-4.932E+03	-3.265E+04	-1.077E+03	-3.820E-02	-7.284E+04	7.502E+06	7.377E-09	2.053E-09
223	5	509.00	10	-4.956E+03	-3.265E+04	-1.092E+03	-3.907E-02	-7.431E+04	7.502E+06	7.377E-09	2.045E-09
223	5	509.00	11	-7.150E+03	-3.270E+04	1.861E+03	1.296E-03	-2.976E+05	7.470E+06	7.370E-09	-2.038E-09
223	5	509.00	12	-7.173E+03	-3.270E+04	1.847E+03	4.187E-04	-2.991E+05	7.471E+06	7.370E-09	-2.046E-09
223	5	509.00	13	-5.226E+03	-3.265E+04	-1.194E+03	-3.816E-02	4.980E+03	7.502E+06	7.376E-09	2.084E-09
223	5	509.00	14	-5.249E+03	-3.265E+04	-1.209E+03	-3.904E-02	3.513E+03	7.502E+06	7.377E-09	2.076E-09
223	5	509.00	15	-7.443E+03	-3.270E+04	1.744E+03	1.332E-03	-2.198E+05	7.470E+06	7.370E-09	-2.008E-09
223	5	509.00	16	-7.466E+03	-3.270E+04	1.730E+03	4.545E-04	-2.213E+05	7.471E+06	7.370E-09	-2.015E-09
224	1	0.00	1	-6.648E+02	-2.410E+04	-1.782E+03	-4.543E-04	-7.971E+05	2.193E+07	0.000E+00	0.000E+00
224	1	0.00	2	-6.416E+02	-2.410E+04	-1.797E+03	-1.331E-03	-8.061E+05	2.193E+07	0.000E+00	0.000E+00
224	1	0.00	3	1.553E+03	-2.405E+04	1.156E+03	3.904E-02	7.437E+05	2.194E+07	0.000E+00	0.000E+00
224	1	0.00	4	1.576E+03	-2.405E+04	1.141E+03	3.816E-02	7.348E+05	2.194E+07	0.000E+00	0.000E+00
224	1	0.00	5	-3.715E+02	-2.410E+04	-1.900E+03	-4.185E-04	-7.789E+05	2.193E+07	0.000E+00	0.000E+00
224	1	0.00	6	-3.483E+02	-2.410E+04	-1.914E+03	-1.296E-03	-7.879E+05	2.193E+07	0.000E+00	0.000E+00
224	1	0.00	7	1.846E+03	-2.405E+04	1.039E+03	3.907E-02	7.619E+05	2.194E+07	0.000E+00	0.000E+00
224	1	0.00	8	1.869E+03	-2.405E+04	1.024E+03	3.820E-02	7.530E+05	2.194E+07	0.000E+00	0.000E+00
224	1	0.00	9	-7.475E+03	-2.408E+04	-1.730E+03	-4.545E-04	-7.940E+05	2.192E+07	0.000E+00	0.000E+00
224	1	0.00	10	-7.452E+03	-2.409E+04	-1.744E+03	-1.332E-03	-8.030E+05	2.192E+07	0.000E+00	0.000E+00
224	1	0.00	11	-5.257E+03	-2.404E+04	1.209E+03	3.904E-02	7.468E+05	2.193E+07	0.000E+00	0.000E+00
224	1	0.00	12	-5.234E+03	-2.404E+04	1.194E+03	3.816E-02	7.379E+05	2.193E+07	0.000E+00	0.000E+00
224	1	0.00	13	-7.182E+03	-2.408E+04	-1.847E+03	-4.187E-04	-7.758E+05	2.192E+07	0.000E+00	0.000E+00
224	1	0.00	14	-7.158E+03	-2.408E+04	-1.861E+03	-1.296E-03	-7.848E+05	2.192E+07	0.000E+00	0.000E+00
224	1	0.00	15	-4.964E+03	-2.404E+04	1.092E+03	3.907E-02	7.650E+05	2.193E+07	0.000E+00	0.000E+00
224	1	0.00	16	-4.941E+03	-2.404E+04	1.077E+03	3.820E-02	7.561E+05	2.193E+07	0.000E+00	0.000E+00
224	2	127.25	1	-6.626E+02	-2.625E+04	-1.782E+03	-4.543E-04	-5.729E+05	1.873E+07	-4.723E-02	-2.786E-03
224	2	127.25	2	-6.395E+02	-2.625E+04	-1.797E+03	-1.331E-03	-5.800E+05	1.873E+07	-4.723E-02	-2.824E-03
224	2	127.25	3	1.555E+03	-2.621E+04	1.156E+03	3.904E-02	5.992E+05	1.874E+07	-4.728E-02	3.307E-03
224	2	127.25	4	1.578E+03	-2.621E+04	1.141E+03	3.816E-02	5.921E+05	1.874E+07	-4.728E-02	3.268E-03
224	2	127.25	5	-3.694E+02	-2.625E+04	-1.900E+03	-4.185E-04	-5.398E+05	1.873E+07	-4.723E-02	-2.503E-03
224	2	127.25	6	-3.462E+02	-2.625E+04	-1.914E+03	-1.296E-03	-5.469E+05	1.873E+07	-4.723E-02	-2.541E-03
224	2	127.25	7	1.848E+03	-2.621E+04	1.039E+03	3.907E-02	6.323E+05	1.874E+07	-4.728E-02	3.589E-03
224	2	127.25	8	1.871E+03	-2.621E+04	1.024E+03	3.820E-02	6.252E+05	1.874E+07	-4.728E-02	3.551E-03
224	2	127.25	9	-7.473E+03	-2.624E+04	-1.730E+03	-4.545E-04	-5.765E+05	1.872E+07	-4.720E-02	-2.839E-03
224	2	127.25	10	-7.450E+03	-2.624E+04	-1.744E+03	-1.332E-03	-5.836E+05	1.872E+07	-4.720E-02	-2.877E-03
224	2	127.25	11	-5.255E+03	-2.619E+04	1.209E+03	3.904E-02	5.956E+05	1.873E+07	-4.725E-02	3.253E-03
224	2	127.25	12	-5.232E+03	-2.619E+04	1.194E+03	3.816E-02	5.885E+05	1.873E+07	-4.725E-02	3.215E-03
224	2	127.25	13	-7.180E+03	-2.624E+04	-1.847E+03	-4.187E-04	-5.434E+05	1.872E+07	-4.720E-02	-2.556E-03
224	2	127.25	14	-7.156E+03	-2.624E+04	-1.861E+03	-1.296E-03	-5.505E+05	1.872E+07	-4.720E-02	-2.595E-03
224	2	127.25	15	-4.962E+03	-2.619E+04	1.092E+03	3.907E-02	6.287E+05	1.873E+07	-4.725E-02	3.536E-03
224	2	127.25	16	-4.939E+03	-2.619E+04	1.077E+03	3.820E-02	6.216E+05	1.873E+07	-4.725E-02	3.498E-03
224	3	254.50	1	-6.605E+02	-2.841E+04	-1.782E+03	-4.543E-04	-3.511E+05	1.525E+07	-5.847E-02	-3.071E-03
224	3	254.50	2	-6.374E+02	-2.841E+04	-1.797E+03	-1.331E-03	-3.563E+05	1.525E+07	-5.847E-02	-3.117E-03
224	3	254.50	3	1.557E+03	-2.836E+04	1.156E+03	3.904E-02	4.571E+05	1.527E+07	-5.854E-02	3.998E-03
224	3	254.50	4	1.580E+03	-2.836E+04	1.141E+03	3.816E-02	4.519E+05	1.527E+07	-5.854E-02	3.953E-03
224	3	254.50	5	-3.672E+02	-2.841E+04	-1.900E+03	-4.185E-04	-3.031E+05	1.525E+07	-5.847E-02	-2.651E-03
224	3	254.50	6	-3.441E+02	-2.841E+04	-1.914E+03	-1.296E-03	-3.083E+05	1.525E+07	-5.847E-02	-2.697E-03
224	3	254.50	7	1.850E+03	-2.836E+04	1.039E+03	3.907E-02	5.051E+05	1.527E+07	-5.854E-02	4.418E-03
224	3	254.50	8	1.874E+03	-2.836E+04	1.024E+03	3.820E-02	4.999E+05	1.527E+07	-5.854E-02	4.373E-03
224	3	254.50	9	-7.471E+03	-2.839E+04	-1.730E+03	-4.545E-04	-3.614E+05	1.525E+07	-5.844E-02	-3.162E-03
224	3	254.50	10	-7.448E+03	-2.839E+04	-1.744E+03	-1.332E-03	-3.666E+05	1.524E+07	-5.844E-02	-3.207E-03
224	3	254.50	11	-5.253E+03	-2.835E+04	1.209E+03	3.904E-02	4.467E+05	1.526E+07	-5.851E-02	3.908E-03
224	3	254.50	12	-5.230E+03	-2.835E+04	1.194E+03	3.816E-02	4.415E+05	1.526E+07	-5.851E-02	3.862E-03
224	3	254.50	13	-7.177E+03	-2.839E+04	-1.847E+03	-4.187E-04	-3.134E+05	1.525E+07	-5.844E-02	-2.742E-03

224	3	254.50	14	-7.154E+03	-2.839E+04	-1.861E+03	-1.296E-03	-3.186E+05	1.524E+07	-5.844E-02	-2.787E-03
224	3	254.50	15	-4.960E+03	-2.834E+04	1.092E+03	3.907E-02	4.947E+05	1.526E+07	-5.851E-02	4.328E-03
224	3	254.50	16	-4.937E+03	-2.835E+04	1.077E+03	3.820E-02	4.895E+05	1.526E+07	-5.851E-02	4.282E-03
224	4	381.75	1	-6.584E+02	-3.056E+04	-1.782E+03	-4.543E-04	-1.374E+05	1.150E+07	-4.034E-02	-1.826E-03
224	4	381.75	2	-6.353E+02	-3.056E+04	-1.797E+03	-1.331E-03	-1.407E+05	1.150E+07	-4.034E-02	-1.856E-03
224	4	381.75	3	1.559E+03	-3.051E+04	1.156E+03	3.904E-02	3.231E+05	1.153E+07	-4.041E-02	2.696E-03
224	4	381.75	4	1.582E+03	-3.052E+04	1.141E+03	3.816E-02	3.197E+05	1.153E+07	-4.040E-02	2.666E-03
224	4	381.75	5	-3.651E+02	-3.056E+04	-1.900E+03	-4.185E-04	-7.444E+04	1.150E+07	-4.034E-02	-1.478E-03
224	4	381.75	6	-3.420E+02	-3.056E+04	-1.914E+03	-1.296E-03	-7.778E+04	1.150E+07	-4.034E-02	-1.508E-03
224	4	381.75	7	1.853E+03	-3.051E+04	1.039E+03	3.907E-02	3.860E+05	1.153E+07	-4.040E-02	3.043E-03
224	4	381.75	8	1.876E+03	-3.051E+04	1.024E+03	3.820E-02	3.827E+05	1.153E+07	-4.040E-02	3.013E-03
224	4	381.75	9	-7.469E+03	-3.055E+04	-1.730E+03	-4.545E-04	-1.544E+05	1.150E+07	-4.032E-02	-1.909E-03
224	4	381.75	10	-7.445E+03	-3.055E+04	-1.744E+03	-1.332E-03	-1.578E+05	1.149E+07	-4.032E-02	-1.939E-03
224	4	381.75	11	-5.251E+03	-3.050E+04	1.209E+03	3.904E-02	3.060E+05	1.152E+07	-4.038E-02	2.613E-03
224	4	381.75	12	-5.228E+03	-3.050E+04	1.194E+03	3.816E-02	3.026E+05	1.152E+07	-4.038E-02	2.583E-03
224	4	381.75	13	-7.175E+03	-3.055E+04	-1.847E+03	-4.187E-04	-9.154E+04	1.150E+07	-4.032E-02	-1.561E-03
224	4	381.75	14	-7.152E+03	-3.055E+04	-1.861E+03	-1.296E-03	-9.488E+04	1.149E+07	-4.032E-02	-1.591E-03
224	4	381.75	15	-4.958E+03	-3.050E+04	1.092E+03	3.907E-02	3.689E+05	1.152E+07	-4.038E-02	2.961E-03
224	4	381.75	16	-4.934E+03	-3.050E+04	1.077E+03	3.820E-02	3.656E+05	1.152E+07	-4.038E-02	2.931E-03
224	5	509.00	1	-6.563E+02	-3.272E+04	-1.782E+03	-4.543E-04	2.451E+05	7.475E+06	7.364E-09	2.004E-09
224	5	509.00	2	-6.331E+02	-3.272E+04	-1.797E+03	-1.331E-03	2.436E+05	7.474E+06	7.364E-09	1.997E-09
224	5	509.00	3	1.561E+03	-3.267E+04	1.156E+03	3.904E-02	2.032E+04	7.506E+06	7.371E-09	-2.087E-09
224	5	509.00	4	1.585E+03	-3.267E+04	1.141E+03	3.816E-02	1.885E+04	7.506E+06	7.371E-09	-2.094E-09
224	5	509.00	5	-3.630E+02	-3.271E+04	-1.900E+03	-4.185E-04	3.229E+05	7.475E+06	7.365E-09	2.035E-09
224	5	509.00	6	-3.399E+02	-3.272E+04	-1.914E+03	-1.296E-03	3.215E+05	7.474E+06	7.365E-09	2.027E-09
224	5	509.00	7	1.855E+03	-3.267E+04	1.039E+03	3.907E-02	9.814E+04	7.506E+06	7.371E-09	-2.056E-09
224	5	509.00	8	1.878E+03	-3.267E+04	1.024E+03	3.820E-02	9.667E+04	7.506E+06	7.371E-09	-2.064E-09
224	5	509.00	9	-7.466E+03	-3.270E+04	-1.730E+03	-4.545E-04	2.213E+05	7.471E+06	7.370E-09	2.015E-09
224	5	509.00	10	-7.443E+03	-3.270E+04	-1.744E+03	-1.332E-03	2.198E+05	7.470E+06	7.370E-09	2.008E-09
224	5	509.00	11	-5.249E+03	-3.265E+04	1.209E+03	3.904E-02	-3.513E+03	7.502E+06	7.377E-09	-2.076E-09
224	5	509.00	12	-5.226E+03	-3.265E+04	1.194E+03	3.816E-02	-4.980E+03	7.502E+06	7.376E-09	-2.084E-09
224	5	509.00	13	-7.173E+03	-3.270E+04	-1.847E+03	-4.187E-04	2.991E+05	7.471E+06	7.370E-09	2.046E-09
224	5	509.00	14	-7.150E+03	-3.270E+04	-1.861E+03	-1.296E-03	2.976E+05	7.470E+06	7.370E-09	2.038E-09
224	5	509.00	15	-4.956E+03	-3.265E+04	1.092E+03	3.907E-02	7.431E+04	7.502E+06	7.377E-09	-2.045E-09
224	5	509.00	16	-4.932E+03	-3.265E+04	1.077E+03	3.820E-02	7.284E+04	7.502E+06	7.377E-09	-2.053E-09
225	1	0.00	1	-1.691E+03	-4.005E+04	-2.942E+03	-1.327E-01	-3.326E+05	7.500E+06	0.000E+00	0.000E+00
225	1	0.00	2	-1.711E+03	-4.005E+04	-2.959E+03	-1.336E-01	-3.344E+05	7.501E+06	0.000E+00	0.000E+00
225	1	0.00	3	-3.542E+03	-4.010E+04	1.084E+03	-9.396E-02	-6.453E+04	7.480E+06	0.000E+00	0.000E+00
225	1	0.00	4	-3.563E+03	-4.010E+04	1.067E+03	-9.482E-02	-6.637E+04	7.480E+06	0.000E+00	0.000E+00
225	1	0.00	5	-2.099E+03	-4.005E+04	-3.059E+03	-1.327E-01	-2.785E+05	7.500E+06	0.000E+00	0.000E+00
225	1	0.00	6	-2.120E+03	-4.005E+04	-3.076E+03	-1.336E-01	-2.804E+05	7.501E+06	0.000E+00	0.000E+00
225	1	0.00	7	-3.951E+03	-4.010E+04	9.672E+02	-9.393E-02	-1.051E+04	7.480E+06	0.000E+00	0.000E+00
225	1	0.00	8	-3.972E+03	-4.010E+04	9.500E+02	-9.479E-02	-1.236E+04	7.480E+06	0.000E+00	0.000E+00
225	1	0.00	9	-1.592E+03	-4.003E+04	-2.803E+03	-1.327E-01	-3.085E+05	7.496E+06	0.000E+00	0.000E+00
225	1	0.00	10	-1.613E+03	-4.003E+04	-2.820E+03	-1.336E-01	-3.104E+05	7.497E+06	0.000E+00	0.000E+00
225	1	0.00	11	-3.444E+03	-4.008E+04	1.223E+03	-9.396E-02	-4.049E+04	7.476E+06	0.000E+00	0.000E+00
225	1	0.00	12	-3.465E+03	-4.007E+04	1.206E+03	-9.482E-02	-4.233E+04	7.476E+06	0.000E+00	0.000E+00
225	1	0.00	13	-2.001E+03	-4.003E+04	-2.920E+03	-1.327E-01	-2.545E+05	7.496E+06	0.000E+00	0.000E+00
225	1	0.00	14	-2.022E+03	-4.003E+04	-2.937E+03	-1.336E-01	-2.563E+05	7.497E+06	0.000E+00	0.000E+00
225	1	0.00	15	-3.853E+03	-4.008E+04	1.106E+03	-9.393E-02	1.353E+04	7.476E+06	0.000E+00	0.000E+00
225	1	0.00	16	-3.874E+03	-4.008E+04	1.089E+03	-9.480E-02	1.169E+04	7.477E+06	0.000E+00	0.000E+00
225	2	45.25	1	-1.690E+03	-4.082E+04	-2.942E+03	-1.327E-01	-7.286E+04	5.671E+06	-1.665E-03	-2.829E-05
225	2	45.25	2	-1.710E+03	-4.081E+04	-2.959E+03	-1.336E-01	-7.392E+04	5.671E+06	-1.665E-03	-2.874E-05
225	2	45.25	3	-3.542E+03	-4.086E+04	1.084E+03	-9.396E-02	-2.402E+05	5.648E+06	-1.657E-03	-1.849E-04
225	2	45.25	4	-3.562E+03	-4.086E+04	1.067E+03	-9.482E-02	-2.413E+05	5.649E+06	-1.657E-03	-1.854E-04
225	2	45.25	5	-2.098E+03	-4.082E+04	-3.059E+03	-1.327E-01	-1.354E+04	5.671E+06	-1.665E-03	2.385E-05
225	2	45.25	6	-2.119E+03	-4.082E+04	-3.076E+03	-1.336E-01	-1.460E+04	5.671E+06	-1.665E-03	2.340E-05
225	2	45.25	7	-3.950E+03	-4.086E+04	9.672E+02	-9.393E-02	-1.809E+05	5.648E+06	-1.657E-03	-1.328E-04
225	2	45.25	8	-3.971E+03	-4.086E+04	9.500E+02	-9.479E-02	-1.819E+05	5.649E+06	-1.657E-03	-1.332E-04
225	2	45.25	9	-1.592E+03	-4.079E+04	-2.803E+03	-1.327E-01	-5.509E+04	5.668E+06	-1.664E-03	-1.703E-05
225	2	45.25	10	-1.612E+03	-4.079E+04	-2.820E+03	-1.336E-01	-5.616E+04	5.668E+06	-1.665E-03	-1.748E-05
225	2	45.25	11	-3.443E+03	-4.084E+04	1.223E+03	-9.396E-02	-2.224E+05	5.645E+06	-1.656E-03	-1.737E-04

225	2	45.25	12	-3.464E+03	-4.084E+04	1.206E+03	-9.482E-02	-2.235E+05	5.646E+06	-1.656E-03	-1.741E-04
225	2	45.25	13	-2.000E+03	-4.080E+04	-2.920E+03	-1.327E-01	4.223E+03	5.668E+06	-1.664E-03	3.512E-05
225	2	45.25	14	-2.021E+03	-4.079E+04	-2.937E+03	-1.336E-01	3.162E+03	5.668E+06	-1.665E-03	3.467E-05
225	2	45.25	15	-3.852E+03	-4.084E+04	1.106E+03	-9.393E-02	-1.631E+05	5.645E+06	-1.656E-03	-1.215E-04
225	2	45.25	16	-3.873E+03	-4.084E+04	1.089E+03	-9.480E-02	-1.642E+05	5.646E+06	-1.656E-03	-1.220E-04
225	3	90.50	1	-1.689E+03	-4.158E+04	-2.942E+03	-1.327E-01	-2.093E+03	3.806E+06	-1.920E-03	-2.315E-06
225	3	90.50	2	-1.710E+03	-4.158E+04	-2.959E+03	-1.336E-01	-2.375E+03	3.807E+06	-1.920E-03	-2.627E-06
225	3	90.50	3	-3.541E+03	-4.163E+04	1.084E+03	-9.396E-02	-2.269E+05	3.782E+06	-1.908E-03	-2.510E-04
225	3	90.50	4	-3.561E+03	-4.163E+04	1.067E+03	-9.482E-02	-2.272E+05	3.782E+06	-1.908E-03	-2.513E-04
225	3	90.50	5	-2.098E+03	-4.158E+04	-3.059E+03	-1.327E-01	6.253E+04	3.806E+06	-1.920E-03	6.916E-05
225	3	90.50	6	-2.118E+03	-4.158E+04	-3.076E+03	-1.336E-01	6.224E+04	3.807E+06	-1.920E-03	6.885E-05
225	3	90.50	7	-3.949E+03	-4.163E+04	9.672E+02	-9.393E-02	-1.623E+05	3.782E+06	-1.908E-03	-1.795E-04
225	3	90.50	8	-3.970E+03	-4.163E+04	9.500E+02	-9.479E-02	-1.626E+05	3.782E+06	-1.908E-03	-1.798E-04
225	3	90.50	9	-1.591E+03	-4.156E+04	-2.803E+03	-1.327E-01	9.388E+03	3.804E+06	-1.919E-03	1.038E-05
225	3	90.50	10	-1.611E+03	-4.156E+04	-2.820E+03	-1.336E-01	9.107E+03	3.805E+06	-1.919E-03	1.007E-05
225	3	90.50	11	-3.443E+03	-4.161E+04	1.223E+03	-9.396E-02	-2.154E+05	3.780E+06	-1.907E-03	-2.383E-04
225	3	90.50	12	-3.463E+03	-4.161E+04	1.206E+03	-9.482E-02	-2.157E+05	3.780E+06	-1.907E-03	-2.386E-04
225	3	90.50	13	-1.999E+03	-4.156E+04	-2.920E+03	-1.327E-01	7.401E+04	3.804E+06	-1.919E-03	8.186E-05
225	3	90.50	14	-2.020E+03	-4.156E+04	-2.937E+03	-1.336E-01	7.372E+04	3.805E+06	-1.919E-03	8.155E-05
225	3	90.50	15	-3.851E+03	-4.161E+04	1.106E+03	-9.393E-02	-1.508E+05	3.780E+06	-1.907E-03	-1.668E-04
225	3	90.50	16	-3.872E+03	-4.161E+04	1.089E+03	-9.480E-02	-1.511E+05	3.780E+06	-1.907E-03	-1.671E-04
225	4	135.75	1	-1.688E+03	-4.235E+04	-2.942E+03	-1.327E-01	1.142E+05	1.907E+06	-1.212E-03	2.856E-05
225	4	135.75	2	-1.709E+03	-4.235E+04	-2.959E+03	-1.336E-01	1.147E+05	1.908E+06	-1.212E-03	2.854E-05
225	4	135.75	3	-3.540E+03	-4.240E+04	1.084E+03	-9.396E-02	-2.592E+05	1.881E+06	-1.203E-03	-1.953E-04
225	4	135.75	4	-3.561E+03	-4.239E+04	1.067E+03	-9.482E-02	-2.587E+05	1.881E+06	-1.203E-03	-1.953E-04
225	4	135.75	5	-2.097E+03	-4.235E+04	-3.059E+03	-1.327E-01	1.842E+05	1.907E+06	-1.212E-03	8.363E-05
225	4	135.75	6	-2.117E+03	-4.235E+04	-3.076E+03	-1.336E-01	1.847E+05	1.908E+06	-1.212E-03	8.361E-05
225	4	135.75	7	-3.949E+03	-4.240E+04	9.672E+02	-9.393E-02	-1.893E+05	1.881E+06	-1.203E-03	-1.402E-04
225	4	135.75	8	-3.969E+03	-4.240E+04	9.500E+02	-9.479E-02	-1.888E+05	1.881E+06	-1.203E-03	-1.402E-04
225	4	135.75	9	-1.590E+03	-4.233E+04	-2.803E+03	-1.327E-01	1.194E+05	1.906E+06	-1.211E-03	3.634E-05
225	4	135.75	10	-1.611E+03	-4.233E+04	-2.820E+03	-1.336E-01	1.199E+05	1.907E+06	-1.212E-03	3.633E-05
225	4	135.75	11	-3.442E+03	-4.237E+04	1.223E+03	-9.396E-02	-2.540E+05	1.880E+06	-1.202E-03	-1.875E-04
225	4	135.75	12	-3.462E+03	-4.237E+04	1.206E+03	-9.482E-02	-2.535E+05	1.880E+06	-1.203E-03	-1.875E-04
225	4	135.75	13	-1.999E+03	-4.233E+04	-2.920E+03	-1.327E-01	1.894E+05	1.906E+06	-1.211E-03	9.142E-05
225	4	135.75	14	-2.019E+03	-4.233E+04	-2.937E+03	-1.336E-01	1.899E+05	1.907E+06	-1.212E-03	9.140E-05
225	4	135.75	15	-3.850E+03	-4.237E+04	1.106E+03	-9.393E-02	-1.841E+05	1.880E+06	-1.202E-03	-1.324E-04
225	4	135.75	16	-3.871E+03	-4.237E+04	1.089E+03	-9.480E-02	-1.836E+05	1.880E+06	-1.203E-03	-1.325E-04
225	5	181.00	1	-1.687E+03	-4.311E+04	-2.942E+03	-1.327E-01	2.410E+05	-2.615E+04	-6.674E-11	-3.859E-11
225	5	181.00	2	-1.708E+03	-4.311E+04	-2.959E+03	-1.336E-01	2.423E+05	-2.550E+04	-6.675E-11	-3.881E-11
225	5	181.00	3	-3.539E+03	-4.316E+04	1.084E+03	-9.396E-02	-3.019E+05	-5.509E+04	-6.389E-11	3.136E-11
225	5	181.00	4	-3.560E+03	-4.316E+04	1.067E+03	-9.482E-02	-3.006E+05	-5.444E+04	-6.390E-11	3.114E-11
225	5	181.00	5	-2.096E+03	-4.311E+04	-3.059E+03	-1.327E-01	3.162E+05	-2.618E+04	-6.674E-11	-2.965E-11
225	5	181.00	6	-2.117E+03	-4.311E+04	-3.076E+03	-1.336E-01	3.175E+05	-2.554E+04	-6.675E-11	-2.987E-11
225	5	181.00	7	-3.948E+03	-4.316E+04	9.672E+02	-9.393E-02	-2.267E+05	-5.512E+04	-6.389E-11	4.030E-11
225	5	181.00	8	-3.968E+03	-4.316E+04	9.500E+02	-9.479E-02	-2.254E+05	-5.448E+04	-6.389E-11	4.008E-11
225	5	181.00	9	-1.589E+03	-4.309E+04	-2.803E+03	-1.327E-01	2.399E+05	-2.612E+04	-6.711E-11	-4.217E-11
225	5	181.00	10	-1.610E+03	-4.309E+04	-2.820E+03	-1.336E-01	2.412E+05	-2.547E+04	-6.712E-11	-4.239E-11
225	5	181.00	11	-3.441E+03	-4.314E+04	1.223E+03	-9.396E-02	-3.030E+05	-5.506E+04	-6.426E-11	2.778E-11
225	5	181.00	12	-3.462E+03	-4.314E+04	1.206E+03	-9.482E-02	-3.017E+05	-5.441E+04	-6.427E-11	2.755E-11
225	5	181.00	13	-1.998E+03	-4.309E+04	-2.920E+03	-1.327E-01	3.151E+05	-2.615E+04	-6.711E-11	-3.323E-11
225	5	181.00	14	-2.018E+03	-4.309E+04	-2.937E+03	-1.336E-01	3.164E+05	-2.551E+04	-6.712E-11	-3.345E-11
225	5	181.00	15	-3.850E+03	-4.314E+04	1.106E+03	-9.393E-02	-2.278E+05	-5.509E+04	-6.426E-11	3.672E-11
225	5	181.00	16	-3.870E+03	-4.314E+04	1.089E+03	-9.480E-02	-2.265E+05	-5.445E+04	-6.427E-11	3.650E-11
226	1	0.00	1	-3.972E+03	-4.010E+04	-9.500E+02	9.479E-02	1.236E+04	7.480E+06	0.000E+00	0.000E+00
226	1	0.00	2	-3.951E+03	-4.010E+04	-9.672E+02	9.393E-02	1.051E+04	7.480E+06	0.000E+00	0.000E+00
226	1	0.00	3	-2.120E+03	-4.005E+04	3.076E+03	1.336E-01	2.804E+05	7.501E+06	0.000E+00	0.000E+00
226	1	0.00	4	-2.099E+03	-4.005E+04	3.059E+03	1.327E-01	2.785E+05	7.500E+06	0.000E+00	0.000E+00
226	1	0.00	5	-3.563E+03	-4.010E+04	-1.067E+03	9.482E-02	6.637E+04	7.480E+06	0.000E+00	0.000E+00
226	1	0.00	6	-3.542E+03	-4.010E+04	-1.084E+03	9.396E-02	6.453E+04	7.480E+06	0.000E+00	0.000E+00
226	1	0.00	7	-1.711E+03	-4.005E+04	2.959E+03	1.336E-01	3.344E+05	7.501E+06	0.000E+00	0.000E+00
226	1	0.00	8	-1.691E+03	-4.005E+04	2.942E+03	1.327E-01	3.326E+05	7.500E+06	0.000E+00	0.000E+00
226	1	0.00	9	-3.874E+03	-4.008E+04	-1.089E+03	9.480E-02	-1.169E+04	7.477E+06	0.000E+00	0.000E+00

226	1	0.00	10	-3.853E+03	-4.008E+04	-1.106E+03	9.393E-02	-1.353E+04	7.476E+06	0.000E+00	0.000E+00
226	1	0.00	11	-2.022E+03	-4.003E+04	2.937E+03	1.336E-01	2.563E+05	7.497E+06	0.000E+00	0.000E+00
226	1	0.00	12	-2.001E+03	-4.003E+04	2.920E+03	1.327E-01	2.545E+05	7.496E+06	0.000E+00	0.000E+00
226	1	0.00	13	-3.465E+03	-4.007E+04	-1.206E+03	9.482E-02	4.233E+04	7.476E+06	0.000E+00	0.000E+00
226	1	0.00	14	-3.444E+03	-4.008E+04	-1.223E+03	9.396E-02	4.049E+04	7.476E+06	0.000E+00	0.000E+00
226	1	0.00	15	-1.613E+03	-4.003E+04	2.820E+03	1.336E-01	3.104E+05	7.497E+06	0.000E+00	0.000E+00
226	1	0.00	16	-1.592E+03	-4.003E+04	2.803E+03	1.327E-01	3.085E+05	7.496E+06	0.000E+00	0.000E+00
226	2	45.25	1	-3.971E+03	-4.086E+04	-9.500E+02	9.479E-02	1.819E+05	5.649E+06	-1.657E-03	1.332E-04
226	2	45.25	2	-3.950E+03	-4.086E+04	-9.672E+02	9.393E-02	1.809E+05	5.648E+06	-1.657E-03	1.328E-04
226	2	45.25	3	-2.119E+03	-4.082E+04	3.076E+03	1.336E-01	1.460E+04	5.671E+06	-1.665E-03	-2.340E-05
226	2	45.25	4	-2.098E+03	-4.082E+04	3.059E+03	1.327E-01	1.354E+04	5.671E+06	-1.665E-03	-2.385E-05
226	2	45.25	5	-3.562E+03	-4.086E+04	-1.067E+03	9.482E-02	2.413E+05	5.649E+06	-1.657E-03	1.854E-04
226	2	45.25	6	-3.542E+03	-4.086E+04	-1.084E+03	9.396E-02	2.402E+05	5.648E+06	-1.657E-03	1.849E-04
226	2	45.25	7	-1.710E+03	-4.081E+04	2.959E+03	1.336E-01	7.392E+04	5.671E+06	-1.665E-03	2.874E-05
226	2	45.25	8	-1.690E+03	-4.082E+04	2.942E+03	1.327E-01	7.286E+04	5.671E+06	-1.665E-03	2.829E-05
226	2	45.25	9	-3.873E+03	-4.084E+04	-1.089E+03	9.480E-02	1.642E+05	5.646E+06	-1.656E-03	1.220E-04
226	2	45.25	10	-3.852E+03	-4.084E+04	-1.106E+03	9.393E-02	1.631E+05	5.645E+06	-1.656E-03	1.215E-04
226	2	45.25	11	-2.021E+03	-4.079E+04	2.937E+03	1.336E-01	-3.162E+03	5.668E+06	-1.665E-03	-3.467E-05
226	2	45.25	12	-2.000E+03	-4.080E+04	2.920E+03	1.327E-01	-4.223E+03	5.668E+06	-1.664E-03	-3.512E-05
226	2	45.25	13	-3.464E+03	-4.084E+04	-1.206E+03	9.482E-02	2.235E+05	5.646E+06	-1.656E-03	1.741E-04
226	2	45.25	14	-3.443E+03	-4.084E+04	-1.223E+03	9.396E-02	2.224E+05	5.645E+06	-1.656E-03	1.737E-04
226	2	45.25	15	-1.612E+03	-4.079E+04	2.820E+03	1.336E-01	5.616E+04	5.668E+06	-1.665E-03	1.748E-05
226	2	45.25	16	-1.592E+03	-4.079E+04	2.803E+03	1.327E-01	5.509E+04	5.668E+06	-1.664E-03	1.703E-05
226	3	90.50	1	-3.970E+03	-4.163E+04	-9.500E+02	9.479E-02	1.626E+05	3.782E+06	-1.908E-03	1.798E-04
226	3	90.50	2	-3.949E+03	-4.163E+04	-9.672E+02	9.393E-02	1.623E+05	3.782E+06	-1.908E-03	1.795E-04
226	3	90.50	3	-2.118E+03	-4.158E+04	3.076E+03	1.336E-01	-6.224E+04	3.807E+06	-1.920E-03	-6.885E-05
226	3	90.50	4	-2.098E+03	-4.158E+04	3.059E+03	1.327E-01	-6.253E+04	3.806E+06	-1.920E-03	-6.916E-05
226	3	90.50	5	-3.561E+03	-4.163E+04	-1.067E+03	9.482E-02	2.272E+05	3.782E+06	-1.908E-03	2.513E-04
226	3	90.50	6	-3.541E+03	-4.163E+04	-1.084E+03	9.396E-02	2.269E+05	3.782E+06	-1.908E-03	2.510E-04
226	3	90.50	7	-1.710E+03	-4.158E+04	2.959E+03	1.336E-01	2.375E+03	3.807E+06	-1.920E-03	2.627E-06
226	3	90.50	8	-1.689E+03	-4.158E+04	2.942E+03	1.327E-01	2.093E+03	3.806E+06	-1.920E-03	2.315E-06
226	3	90.50	9	-3.872E+03	-4.161E+04	-1.089E+03	9.480E-02	1.511E+05	3.780E+06	-1.907E-03	1.671E-04
226	3	90.50	10	-3.851E+03	-4.161E+04	-1.106E+03	9.393E-02	1.508E+05	3.780E+06	-1.907E-03	1.668E-04
226	3	90.50	11	-2.020E+03	-4.156E+04	2.937E+03	1.336E-01	-7.372E+04	3.805E+06	-1.919E-03	-8.155E-05
226	3	90.50	12	-1.999E+03	-4.156E+04	2.920E+03	1.327E-01	-7.401E+04	3.804E+06	-1.919E-03	-8.186E-05
226	3	90.50	13	-3.463E+03	-4.161E+04	-1.206E+03	9.482E-02	2.157E+05	3.780E+06	-1.907E-03	2.386E-04
226	3	90.50	14	-3.443E+03	-4.161E+04	-1.223E+03	9.396E-02	2.154E+05	3.780E+06	-1.907E-03	2.383E-04
226	3	90.50	15	-1.611E+03	-4.156E+04	2.820E+03	1.336E-01	-9.107E+03	3.805E+06	-1.919E-03	-1.007E-05
226	3	90.50	16	-1.591E+03	-4.156E+04	2.803E+03	1.327E-01	-9.388E+03	3.804E+06	-1.919E-03	-1.038E-05
226	4	135.75	1	-3.969E+03	-4.240E+04	-9.500E+02	9.479E-02	1.888E+05	1.881E+06	-1.203E-03	1.402E-04
226	4	135.75	2	-3.949E+03	-4.240E+04	-9.672E+02	9.393E-02	1.893E+05	1.881E+06	-1.203E-03	1.402E-04
226	4	135.75	3	-2.117E+03	-4.235E+04	3.076E+03	1.336E-01	-1.847E+05	1.908E+06	-1.212E-03	-8.361E-05
226	4	135.75	4	-2.097E+03	-4.235E+04	3.059E+03	1.327E-01	-1.842E+05	1.907E+06	-1.212E-03	-8.363E-05
226	4	135.75	5	-3.561E+03	-4.239E+04	-1.067E+03	9.482E-02	2.587E+05	1.881E+06	-1.203E-03	1.953E-04
226	4	135.75	6	-3.540E+03	-4.240E+04	-1.084E+03	9.396E-02	2.592E+05	1.881E+06	-1.203E-03	1.953E-04
226	4	135.75	7	-1.709E+03	-4.235E+04	2.959E+03	1.336E-01	-1.147E+05	1.908E+06	-1.212E-03	-2.854E-05
226	4	135.75	8	-1.688E+03	-4.235E+04	2.942E+03	1.327E-01	-1.142E+05	1.907E+06	-1.212E-03	-2.856E-05
226	4	135.75	9	-3.871E+03	-4.237E+04	-1.089E+03	9.480E-02	1.836E+05	1.880E+06	-1.203E-03	1.325E-04
226	4	135.75	10	-3.850E+03	-4.237E+04	-1.106E+03	9.393E-02	1.841E+05	1.880E+06	-1.202E-03	1.324E-04
226	4	135.75	11	-2.019E+03	-4.233E+04	2.937E+03	1.336E-01	-1.899E+05	1.907E+06	-1.212E-03	-9.140E-05
226	4	135.75	12	-1.999E+03	-4.233E+04	2.920E+03	1.327E-01	-1.894E+05	1.906E+06	-1.211E-03	-9.142E-05
226	4	135.75	13	-3.462E+03	-4.237E+04	-1.206E+03	9.482E-02	2.535E+05	1.880E+06	-1.203E-03	1.875E-04
226	4	135.75	14	-3.442E+03	-4.237E+04	-1.223E+03	9.396E-02	2.540E+05	1.880E+06	-1.202E-03	1.875E-04
226	4	135.75	15	-1.611E+03	-4.233E+04	2.820E+03	1.336E-01	-1.199E+05	1.907E+06	-1.212E-03	-3.633E-05
226	4	135.75	16	-1.590E+03	-4.233E+04	2.803E+03	1.327E-01	-1.194E+05	1.906E+06	-1.211E-03	-3.634E-05
226	5	181.00	1	-3.968E+03	-4.316E+04	-9.500E+02	9.479E-02	2.254E+05	-5.448E+04	-6.390E-11	-4.008E-11
226	5	181.00	2	-3.948E+03	-4.316E+04	-9.672E+02	9.393E-02	2.267E+05	-5.512E+04	-6.389E-11	-4.031E-11
226	5	181.00	3	-2.117E+03	-4.311E+04	3.076E+03	1.336E-01	-3.175E+05	-2.554E+04	-6.675E-11	2.986E-11
226	5	181.00	4	-2.096E+03	-4.311E+04	3.059E+03	1.327E-01	-3.162E+05	-2.618E+04	-6.674E-11	2.964E-11
226	5	181.00	5	-3.560E+03	-4.316E+04	-1.067E+03	9.482E-02	3.006E+05	-5.444E+04	-6.390E-11	-3.114E-11
226	5	181.00	6	-3.539E+03	-4.316E+04	-1.084E+03	9.396E-02	3.019E+05	-5.509E+04	-6.389E-11	-3.136E-11
226	5	181.00	7	-1.708E+03	-4.311E+04	2.959E+03	1.336E-01	-2.423E+05	-2.550E+04	-6.675E-11	3.881E-11

226	5	181.00	8	-1.687E+03	-4.311E+04	2.942E+03	1.327E-01	-2.410E+05	-2.615E+04	-6.674E-11	3.859E-11
226	5	181.00	9	-3.870E+03	-4.314E+04	-1.089E+03	9.480E-02	2.265E+05	-5.445E+04	-6.427E-11	-3.650E-11
226	5	181.00	10	-3.850E+03	-4.314E+04	-1.106E+03	9.393E-02	2.278E+05	-5.509E+04	-6.426E-11	-3.672E-11
226	5	181.00	11	-2.018E+03	-4.309E+04	2.937E+03	1.336E-01	-3.164E+05	-2.551E+04	-6.712E-11	3.344E-11
226	5	181.00	12	-1.998E+03	-4.309E+04	2.920E+03	1.327E-01	-3.151E+05	-2.615E+04	-6.711E-11	3.322E-11
226	5	181.00	13	-3.462E+03	-4.314E+04	-1.206E+03	9.482E-02	3.017E+05	-5.441E+04	-6.427E-11	-2.756E-11
226	5	181.00	14	-3.441E+03	-4.314E+04	-1.223E+03	9.396E-02	3.030E+05	-5.506E+04	-6.426E-11	-2.778E-11
226	5	181.00	15	-1.610E+03	-4.309E+04	2.820E+03	1.336E-01	-2.412E+05	-2.547E+04	-6.712E-11	4.239E-11
226	5	181.00	16	-1.589E+03	-4.309E+04	2.803E+03	1.327E-01	-2.399E+05	-2.612E+04	-6.711E-11	4.217E-11
227	1	0.00	1	1.449E+02	1.168E+03	2.406E+01	4.839E-11	1.660E+03	-4.031E+04	0.000E+00	0.000E+00
227	1	0.00	2	1.449E+02	1.168E+03	2.410E+01	4.851E-11	1.663E+03	-4.031E+04	0.000E+00	0.000E+00
227	1	0.00	3	1.449E+02	1.168E+03	-2.410E+01	2.033E-12	-1.663E+03	-4.031E+04	0.000E+00	0.000E+00
227	1	0.00	4	1.449E+02	1.168E+03	-2.406E+01	2.147E-12	-1.660E+03	-4.031E+04	0.000E+00	0.000E+00
227	1	0.00	5	1.569E+02	1.168E+03	2.406E+01	4.824E-11	1.660E+03	-4.031E+04	0.000E+00	0.000E+00
227	1	0.00	6	1.569E+02	1.168E+03	2.410E+01	4.836E-11	1.663E+03	-4.031E+04	0.000E+00	0.000E+00
227	1	0.00	7	1.569E+02	1.168E+03	-2.410E+01	1.882E-12	-1.663E+03	-4.031E+04	0.000E+00	0.000E+00
227	1	0.00	8	1.569E+02	1.168E+03	-2.406E+01	1.996E-12	-1.660E+03	-4.031E+04	0.000E+00	0.000E+00
227	1	0.00	9	-1.603E+02	1.168E+03	2.406E+01	3.178E-12	1.660E+03	-4.028E+04	0.000E+00	0.000E+00
227	1	0.00	10	-1.603E+02	1.168E+03	2.410E+01	3.292E-12	1.663E+03	-4.028E+04	0.000E+00	0.000E+00
227	1	0.00	11	-1.603E+02	1.168E+03	-2.410E+01	-4.318E-11	-1.663E+03	-4.028E+04	0.000E+00	0.000E+00
227	1	0.00	12	-1.603E+02	1.168E+03	-2.406E+01	-4.307E-11	-1.660E+03	-4.028E+04	0.000E+00	0.000E+00
227	1	0.00	13	-1.483E+02	1.168E+03	2.406E+01	3.027E-12	1.660E+03	-4.028E+04	0.000E+00	0.000E+00
227	1	0.00	14	-1.483E+02	1.168E+03	2.410E+01	3.142E-12	1.663E+03	-4.028E+04	0.000E+00	0.000E+00
227	1	0.00	15	-1.483E+02	1.168E+03	-2.410E+01	-4.333E-11	-1.663E+03	-4.028E+04	0.000E+00	0.000E+00
227	1	0.00	16	-1.483E+02	1.168E+03	-2.406E+01	-4.322E-11	-1.660E+03	-4.028E+04	0.000E+00	0.000E+00
227	2	17.25	1	1.453E+02	8.762E+02	2.406E+01	4.839E-11	1.245E+03	-2.268E+04	-9.208E-06	1.168E-07
227	2	17.25	2	1.453E+02	8.762E+02	2.410E+01	4.851E-11	1.247E+03	-2.268E+04	-9.208E-06	1.170E-07
227	2	17.25	3	1.453E+02	8.762E+02	-2.410E+01	2.033E-12	-1.247E+03	-2.268E+04	-9.208E-06	-1.170E-07
227	2	17.25	4	1.453E+02	8.762E+02	-2.406E+01	2.147E-12	-1.245E+03	-2.268E+04	-9.208E-06	-1.168E-07
227	2	17.25	5	1.573E+02	8.762E+02	2.406E+01	4.824E-11	1.245E+03	-2.268E+04	-9.208E-06	1.168E-07
227	2	17.25	6	1.573E+02	8.762E+02	2.410E+01	4.836E-11	1.247E+03	-2.268E+04	-9.208E-06	1.170E-07
227	2	17.25	7	1.573E+02	8.762E+02	-2.410E+01	1.882E-12	-1.247E+03	-2.268E+04	-9.208E-06	-1.170E-07
227	2	17.25	8	1.573E+02	8.762E+02	-2.406E+01	1.996E-12	-1.245E+03	-2.268E+04	-9.208E-06	-1.168E-07
227	2	17.25	9	-1.599E+02	8.758E+02	2.406E+01	3.178E-12	1.245E+03	-2.265E+04	-9.209E-06	1.168E-07
227	2	17.25	10	-1.599E+02	8.758E+02	2.410E+01	3.292E-12	1.247E+03	-2.265E+04	-9.209E-06	1.170E-07
227	2	17.25	11	-1.599E+02	8.758E+02	-2.410E+01	-4.318E-11	-1.247E+03	-2.265E+04	-9.209E-06	-1.170E-07
227	2	17.25	12	-1.599E+02	8.758E+02	-2.406E+01	-4.307E-11	-1.245E+03	-2.265E+04	-9.209E-06	-1.168E-07
227	2	17.25	13	-1.479E+02	8.758E+02	2.406E+01	3.027E-12	1.245E+03	-2.266E+04	-9.209E-06	1.168E-07
227	2	17.25	14	-1.479E+02	8.758E+02	2.410E+01	3.142E-12	1.247E+03	-2.266E+04	-9.209E-06	1.170E-07
227	2	17.25	15	-1.479E+02	8.758E+02	-2.410E+01	-4.333E-11	-1.247E+03	-2.266E+04	-9.209E-06	-1.170E-07
227	2	17.25	16	-1.479E+02	8.758E+02	-2.406E+01	-4.322E-11	-1.245E+03	-2.266E+04	-9.209E-06	-1.168E-07
227	3	34.50	1	1.458E+02	5.842E+02	2.406E+01	4.839E-11	8.301E+02	-1.008E+04	-1.254E-05	1.334E-07
227	3	34.50	2	1.458E+02	5.842E+02	2.410E+01	4.851E-11	8.316E+02	-1.008E+04	-1.254E-05	1.337E-07
227	3	34.50	3	1.458E+02	5.842E+02	-2.410E+01	2.033E-12	-8.316E+02	-1.008E+04	-1.254E-05	-1.337E-07
227	3	34.50	4	1.458E+02	5.842E+02	-2.406E+01	2.147E-12	-8.301E+02	-1.008E+04	-1.254E-05	-1.334E-07
227	3	34.50	5	1.578E+02	5.842E+02	2.406E+01	4.824E-11	8.301E+02	-1.008E+04	-1.254E-05	1.334E-07
227	3	34.50	6	1.578E+02	5.842E+02	2.410E+01	4.836E-11	8.316E+02	-1.008E+04	-1.254E-05	1.337E-07
227	3	34.50	7	1.578E+02	5.842E+02	-2.410E+01	1.882E-12	-8.316E+02	-1.008E+04	-1.254E-05	-1.337E-07
227	3	34.50	8	1.578E+02	5.842E+02	-2.406E+01	1.996E-12	-8.301E+02	-1.008E+04	-1.254E-05	-1.334E-07
227	3	34.50	9	-1.595E+02	5.838E+02	2.406E+01	3.178E-12	8.301E+02	-1.007E+04	-1.254E-05	1.334E-07
227	3	34.50	10	-1.595E+02	5.838E+02	2.410E+01	3.292E-12	8.316E+02	-1.007E+04	-1.254E-05	1.337E-07
227	3	34.50	11	-1.595E+02	5.838E+02	-2.410E+01	-4.318E-11	-8.316E+02	-1.007E+04	-1.254E-05	-1.337E-07
227	3	34.50	12	-1.595E+02	5.838E+02	-2.406E+01	-4.307E-11	-8.301E+02	-1.007E+04	-1.254E-05	-1.334E-07
227	3	34.50	13	-1.475E+02	5.838E+02	2.406E+01	3.027E-12	8.301E+02	-1.007E+04	-1.254E-05	1.334E-07
227	3	34.50	14	-1.475E+02	5.838E+02	2.410E+01	3.142E-12	8.316E+02	-1.007E+04	-1.254E-05	1.337E-07
227	3	34.50	15	-1.475E+02	5.838E+02	-2.410E+01	-4.333E-11	-8.316E+02	-1.007E+04	-1.254E-05	-1.337E-07
227	3	34.50	16	-1.475E+02	5.838E+02	-2.406E+01	-4.322E-11	-8.301E+02	-1.007E+04	-1.254E-05	-1.334E-07
227	4	51.75	1	1.462E+02	2.922E+02	2.406E+01	4.839E-11	4.151E+02	-2.522E+03	-9.561E-06	8.340E-08
227	4	51.75	2	1.462E+02	2.922E+02	2.410E+01	4.851E-11	4.158E+02	-2.522E+03	-9.561E-06	8.355E-08
227	4	51.75	3	1.462E+02	2.922E+02	-2.410E+01	2.033E-12	-4.158E+02	-2.522E+03	-9.561E-06	-8.355E-08
227	4	51.75	4	1.462E+02	2.922E+02	-2.406E+01	2.147E-12	-4.151E+02	-2.522E+03	-9.561E-06	-8.340E-08
227	4	51.75	5	1.582E+02	2.922E+02	2.406E+01	4.824E-11	4.151E+02	-2.522E+03	-9.561E-06	8.340E-08

227	4	51.75	6	1.582E+02	2.922E+02	2.410E+01	4.836E-11	4.158E+02	-2.522E+03	-9.561E-06	8.355E-08
227	4	51.75	7	1.582E+02	2.922E+02	-2.410E+01	1.882E-12	-4.158E+02	-2.522E+03	-9.561E-06	-8.355E-08
227	4	51.75	8	1.582E+02	2.922E+02	-2.406E+01	1.996E-12	-4.151E+02	-2.522E+03	-9.561E-06	-8.340E-08
227	4	51.75	9	-1.590E+02	2.918E+02	2.406E+01	3.178E-12	4.151E+02	-2.515E+03	-9.561E-06	8.340E-08
227	4	51.75	10	-1.590E+02	2.918E+02	2.410E+01	3.292E-12	4.158E+02	-2.515E+03	-9.561E-06	8.355E-08
227	4	51.75	11	-1.590E+02	2.918E+02	-2.410E+01	-4.318E-11	-4.158E+02	-2.515E+03	-9.561E-06	-8.355E-08
227	4	51.75	12	-1.590E+02	2.918E+02	-2.406E+01	-4.307E-11	-4.151E+02	-2.515E+03	-9.561E-06	-8.340E-08
227	4	51.75	13	-1.470E+02	2.918E+02	2.406E+01	3.027E-12	4.151E+02	-2.515E+03	-9.561E-06	8.340E-08
227	4	51.75	14	-1.470E+02	2.918E+02	2.410E+01	3.142E-12	4.158E+02	-2.515E+03	-9.561E-06	8.355E-08
227	4	51.75	15	-1.470E+02	2.918E+02	-2.410E+01	-4.333E-11	-4.158E+02	-2.515E+03	-9.561E-06	-8.355E-08
227	4	51.75	16	-1.470E+02	2.918E+02	-2.406E+01	-4.322E-11	-4.151E+02	-2.515E+03	-9.561E-06	-8.340E-08
227	5	69.00	1	1.466E+02	2.125E-01	2.406E+01	4.839E-11	-5.585E-08	1.363E-08	1.636E-13	6.497E-14
227	5	69.00	2	1.466E+02	2.125E-01	2.410E+01	4.851E-11	-5.561E-08	1.363E-08	1.636E-13	6.495E-14
227	5	69.00	3	1.466E+02	2.125E-01	-2.410E+01	2.033E-12	3.267E-08	3.126E-08	1.636E-13	-6.495E-14
227	5	69.00	4	1.466E+02	2.125E-01	-2.406E+01	2.147E-12	3.291E-08	3.126E-08	1.636E-13	-6.497E-14
227	5	69.00	5	1.586E+02	2.299E-01	2.406E+01	4.824E-11	-5.562E-08	1.366E-08	1.636E-13	6.497E-14
227	5	69.00	6	1.586E+02	2.299E-01	2.410E+01	4.836E-11	-5.538E-08	1.366E-08	1.636E-13	6.495E-14
227	5	69.00	7	1.586E+02	2.299E-01	-2.410E+01	1.882E-12	3.290E-08	3.129E-08	1.636E-13	-6.495E-14
227	5	69.00	8	1.586E+02	2.299E-01	-2.406E+01	1.996E-12	3.314E-08	3.129E-08	1.636E-13	-6.497E-14
227	5	69.00	9	-1.586E+02	-2.299E-01	2.406E+01	3.178E-12	-3.220E-08	7.347E-09	1.637E-13	6.497E-14
227	5	69.00	10	-1.586E+02	-2.299E-01	2.410E+01	3.292E-12	-3.196E-08	7.343E-09	1.637E-13	6.495E-14
227	5	69.00	11	-1.586E+02	-2.299E-01	-2.410E+01	-4.318E-11	5.633E-08	2.498E-08	1.637E-13	-6.495E-14
227	5	69.00	12	-1.586E+02	-2.299E-01	-2.406E+01	-4.307E-11	5.657E-08	2.498E-08	1.637E-13	-6.497E-14
227	5	69.00	13	-1.466E+02	-2.125E-01	2.406E+01	3.027E-12	-3.197E-08	7.378E-09	1.637E-13	6.497E-14
227	5	69.00	14	-1.466E+02	-2.125E-01	2.410E+01	3.142E-12	-3.173E-08	7.374E-09	1.637E-13	6.495E-14
227	5	69.00	15	-1.466E+02	-2.125E-01	-2.410E+01	-4.333E-11	5.656E-08	2.501E-08	1.637E-13	-6.495E-14
227	5	69.00	16	-1.466E+02	-2.125E-01	-2.406E+01	-4.322E-11	5.680E-08	2.501E-08	1.637E-13	-6.497E-14
515	1	0.00	1	1.039E+04	2.635E+03	-2.183E+03	1.414E+04	-3.258E+05	-3.612E+02	0.000E+00	0.000E+00
515	1	0.00	2	1.039E+04	2.636E+03	-2.222E+03	1.478E+04	-3.317E+05	-3.677E+02	0.000E+00	0.000E+00
515	1	0.00	3	1.039E+04	2.631E+03	1.728E+03	-1.480E+04	2.695E+05	2.992E+02	0.000E+00	0.000E+00
515	1	0.00	4	1.039E+04	2.631E+03	1.689E+03	-1.415E+04	2.635E+05	2.926E+02	0.000E+00	0.000E+00
515	1	0.00	5	1.039E+04	2.635E+03	-1.689E+03	1.415E+04	-2.507E+05	-2.782E+02	0.000E+00	0.000E+00
515	1	0.00	6	1.039E+04	2.635E+03	-1.728E+03	1.480E+04	-2.566E+05	-2.848E+02	0.000E+00	0.000E+00
515	1	0.00	7	1.039E+04	2.631E+03	2.222E+03	-1.478E+04	3.445E+05	3.821E+02	0.000E+00	0.000E+00
515	1	0.00	8	1.039E+04	2.631E+03	2.183E+03	-1.414E+04	3.386E+05	3.756E+02	0.000E+00	0.000E+00
515	1	0.00	9	1.313E+04	2.635E+03	-2.183E+03	1.414E+04	-3.241E+05	-3.593E+02	0.000E+00	0.000E+00
515	1	0.00	10	1.313E+04	2.636E+03	-2.222E+03	1.478E+04	-3.300E+05	-3.659E+02	0.000E+00	0.000E+00
515	1	0.00	11	1.313E+04	2.631E+03	1.728E+03	-1.480E+04	2.712E+05	3.011E+02	0.000E+00	0.000E+00
515	1	0.00	12	1.313E+04	2.631E+03	1.689E+03	-1.415E+04	2.652E+05	2.945E+02	0.000E+00	0.000E+00
515	1	0.00	13	1.313E+04	2.635E+03	-1.689E+03	1.415E+04	-2.490E+05	-2.763E+02	0.000E+00	0.000E+00
515	1	0.00	14	1.313E+04	2.635E+03	-1.728E+03	1.480E+04	-2.549E+05	-2.829E+02	0.000E+00	0.000E+00
515	1	0.00	15	1.313E+04	2.631E+03	2.222E+03	-1.478E+04	3.462E+05	3.840E+02	0.000E+00	0.000E+00
515	1	0.00	16	1.313E+04	2.631E+03	2.183E+03	-1.414E+04	3.403E+05	3.774E+02	0.000E+00	0.000E+00
515	2	76.10	1	1.039E+04	1.319E+03	-2.183E+03	1.414E+04	-1.597E+05	1.501E+05	-7.350E-03	-4.663E-03
515	2	76.10	2	1.039E+04	1.319E+03	-2.222E+03	1.478E+04	-1.626E+05	1.501E+05	-7.350E-03	-4.757E-03
515	2	76.10	3	1.039E+04	1.315E+03	1.728E+03	-1.480E+04	1.379E+05	1.504E+05	-7.355E-03	4.787E-03
515	2	76.10	4	1.039E+04	1.315E+03	1.689E+03	-1.415E+04	1.350E+05	1.504E+05	-7.355E-03	4.693E-03
515	2	76.10	5	1.039E+04	1.318E+03	-1.689E+03	1.415E+04	-1.221E+05	1.501E+05	-7.351E-03	-3.471E-03
515	2	76.10	6	1.039E+04	1.318E+03	-1.728E+03	1.480E+04	-1.251E+05	1.501E+05	-7.351E-03	-3.565E-03
515	2	76.10	7	1.039E+04	1.314E+03	2.222E+03	-1.478E+04	1.755E+05	1.505E+05	-7.355E-03	5.979E-03
515	2	76.10	8	1.039E+04	1.314E+03	2.183E+03	-1.414E+04	1.725E+05	1.505E+05	-7.355E-03	5.885E-03
515	2	76.10	9	1.313E+04	1.319E+03	-2.183E+03	1.414E+04	-1.580E+05	1.501E+05	-7.350E-03	-4.500E-03
515	2	76.10	10	1.313E+04	1.319E+03	-2.222E+03	1.478E+04	-1.609E+05	1.501E+05	-7.350E-03	-4.594E-03
515	2	76.10	11	1.313E+04	1.315E+03	1.728E+03	-1.480E+04	1.396E+05	1.504E+05	-7.355E-03	4.949E-03
515	2	76.10	12	1.313E+04	1.315E+03	1.689E+03	-1.415E+04	1.367E+05	1.504E+05	-7.355E-03	4.855E-03
515	2	76.10	13	1.313E+04	1.318E+03	-1.689E+03	1.415E+04	-1.204E+05	1.501E+05	-7.351E-03	-3.308E-03
515	2	76.10	14	1.313E+04	1.318E+03	-1.728E+03	1.480E+04	-1.234E+05	1.501E+05	-7.351E-03	-3.402E-03
515	2	76.10	15	1.313E+04	1.314E+03	2.222E+03	-1.478E+04	1.772E+05	1.505E+05	-7.355E-03	6.141E-03
515	2	76.10	16	1.313E+04	1.314E+03	2.183E+03	-1.414E+04	1.742E+05	1.505E+05	-7.355E-03	6.047E-03
515	3	152.20	1	1.039E+04	2.420E+00	-2.183E+03	1.414E+04	6.414E+03	2.004E+05	-1.027E-02	8.146E-04
515	3	152.20	2	1.039E+04	2.464E+00	-2.222E+03	1.478E+04	6.414E+03	2.004E+05	-1.027E-02	8.146E-04
515	3	152.20	3	1.039E+04	-1.918E+00	1.728E+03	-1.480E+04	6.414E+03	2.004E+05	-1.027E-02	8.146E-04

515	3	152.20	4	1.039E+04	-1.875E+00	1.689E+03	-1.415E+04	6.414E+03	2.004E+05	-1.027E-02	8.146E-04
515	3	152.20	5	1.039E+04	1.875E+00	-1.689E+03	1.415E+04	6.414E+03	2.004E+05	-1.027E-02	8.146E-04
515	3	152.20	6	1.039E+04	1.918E+00	-1.728E+03	1.480E+04	6.414E+03	2.004E+05	-1.027E-02	8.146E-04
515	3	152.20	7	1.039E+04	-2.464E+00	2.222E+03	-1.478E+04	6.414E+03	2.004E+05	-1.027E-02	8.146E-04
515	3	152.20	8	1.039E+04	-2.420E+00	2.183E+03	-1.414E+04	6.414E+03	2.004E+05	-1.027E-02	8.146E-04
515	3	152.20	9	1.313E+04	2.420E+00	-2.183E+03	1.414E+04	8.121E+03	2.004E+05	-1.028E-02	1.031E-03
515	3	152.20	10	1.313E+04	2.464E+00	-2.222E+03	1.478E+04	8.121E+03	2.004E+05	-1.028E-02	1.031E-03
515	3	152.20	11	1.313E+04	-1.918E+00	1.728E+03	-1.480E+04	8.121E+03	2.004E+05	-1.028E-02	1.031E-03
515	3	152.20	12	1.313E+04	-1.875E+00	1.689E+03	-1.415E+04	8.121E+03	2.004E+05	-1.028E-02	1.031E-03
515	3	152.20	13	1.313E+04	1.875E+00	-1.689E+03	1.415E+04	8.121E+03	2.004E+05	-1.028E-02	1.031E-03
515	3	152.20	14	1.313E+04	1.918E+00	-1.728E+03	1.480E+04	8.121E+03	2.004E+05	-1.028E-02	1.031E-03
515	3	152.20	15	1.313E+04	-2.464E+00	2.222E+03	-1.478E+04	8.121E+03	2.004E+05	-1.028E-02	1.031E-03
515	3	152.20	16	1.313E+04	-2.420E+00	2.183E+03	-1.414E+04	8.121E+03	2.004E+05	-1.028E-02	1.031E-03
515	4	228.30	1	1.039E+04	-1.314E+03	-2.183E+03	1.414E+04	1.725E+05	1.505E+05	-7.355E-03	5.885E-03
515	4	228.30	2	1.039E+04	-1.314E+03	-2.222E+03	1.478E+04	1.755E+05	1.505E+05	-7.355E-03	5.979E-03
515	4	228.30	3	1.039E+04	-1.318E+03	1.728E+03	-1.480E+04	-1.251E+05	1.501E+05	-7.351E-03	-3.565E-03
515	4	228.30	4	1.039E+04	-1.318E+03	1.689E+03	-1.415E+04	-1.221E+05	1.501E+05	-7.351E-03	-3.471E-03
515	4	228.30	5	1.039E+04	-1.315E+03	-1.689E+03	1.415E+04	1.350E+05	1.504E+05	-7.355E-03	4.693E-03
515	4	228.30	6	1.039E+04	-1.315E+03	-1.728E+03	1.480E+04	1.379E+05	1.504E+05	-7.355E-03	4.787E-03
515	4	228.30	7	1.039E+04	-1.319E+03	2.222E+03	-1.478E+04	-1.626E+05	1.501E+05	-7.350E-03	-4.757E-03
515	4	228.30	8	1.039E+04	-1.319E+03	2.183E+03	-1.414E+04	-1.597E+05	1.501E+05	-7.350E-03	-4.663E-03
515	4	228.30	9	1.313E+04	-1.314E+03	-2.183E+03	1.414E+04	1.742E+05	1.505E+05	-7.355E-03	6.047E-03
515	4	228.30	10	1.313E+04	-1.314E+03	-2.222E+03	1.478E+04	1.772E+05	1.505E+05	-7.355E-03	6.141E-03
515	4	228.30	11	1.313E+04	-1.318E+03	1.728E+03	-1.480E+04	-1.234E+05	1.501E+05	-7.351E-03	-3.402E-03
515	4	228.30	12	1.313E+04	-1.318E+03	1.689E+03	-1.415E+04	-1.204E+05	1.501E+05	-7.351E-03	-3.308E-03
515	4	228.30	13	1.313E+04	-1.315E+03	-1.689E+03	1.415E+04	1.367E+05	1.504E+05	-7.355E-03	4.855E-03
515	4	228.30	14	1.313E+04	-1.315E+03	-1.728E+03	1.480E+04	1.396E+05	1.504E+05	-7.355E-03	4.949E-03
515	4	228.30	15	1.313E+04	-1.319E+03	2.222E+03	-1.478E+04	-1.609E+05	1.501E+05	-7.350E-03	-4.594E-03
515	4	228.30	16	1.313E+04	-1.319E+03	2.183E+03	-1.414E+04	-1.580E+05	1.501E+05	-7.350E-03	-4.500E-03
515	5	304.40	1	1.039E+04	-2.631E+03	-2.183E+03	1.414E+04	3.386E+05	3.756E+02	-6.391E-11	5.334E-10
515	5	304.40	2	1.039E+04	-2.631E+03	-2.222E+03	1.478E+04	3.445E+05	3.821E+02	-6.391E-11	6.086E-10
515	5	304.40	3	1.039E+04	-2.635E+03	1.728E+03	-1.480E+04	-2.566E+05	-2.848E+02	-6.233E-11	-1.655E-09
515	5	304.40	4	1.039E+04	-2.635E+03	1.689E+03	-1.415E+04	-2.507E+05	-2.782E+02	-6.233E-11	-1.580E-09
515	5	304.40	5	1.039E+04	-2.631E+03	-1.689E+03	1.415E+04	2.635E+05	2.926E+02	-6.372E-11	1.565E-09
515	5	304.40	6	1.039E+04	-2.631E+03	-1.728E+03	1.480E+04	2.695E+05	2.992E+02	-6.372E-11	1.640E-09
515	5	304.40	7	1.039E+04	-2.636E+03	2.222E+03	-1.478E+04	-3.317E+05	-3.677E+02	-6.214E-11	-6.241E-10
515	5	304.40	8	1.039E+04	-2.635E+03	2.183E+03	-1.414E+04	-3.258E+05	-3.612E+02	-6.214E-11	-5.489E-10
515	5	304.40	9	1.313E+04	-2.631E+03	-2.183E+03	1.414E+04	3.403E+05	3.774E+02	-6.393E-11	5.817E-10
515	5	304.40	10	1.313E+04	-2.631E+03	-2.222E+03	1.478E+04	3.462E+05	3.840E+02	-6.393E-11	6.569E-10
515	5	304.40	11	1.313E+04	-2.635E+03	1.728E+03	-1.480E+04	-2.549E+05	-2.829E+02	-6.235E-11	-1.607E-09
515	5	304.40	12	1.313E+04	-2.635E+03	1.689E+03	-1.415E+04	-2.490E+05	-2.763E+02	-6.235E-11	-1.532E-09
515	5	304.40	13	1.313E+04	-2.631E+03	-1.689E+03	1.415E+04	2.652E+05	2.945E+02	-6.374E-11	1.613E-09
515	5	304.40	14	1.313E+04	-2.631E+03	-1.728E+03	1.480E+04	2.712E+05	3.011E+02	-6.374E-11	1.688E-09
515	5	304.40	15	1.313E+04	-2.636E+03	2.222E+03	-1.478E+04	-3.300E+05	-3.659E+02	-6.216E-11	-5.758E-10
515	5	304.40	16	1.313E+04	-2.635E+03	2.183E+03	-1.414E+04	-3.241E+05	-3.593E+02	-6.216E-11	-5.006E-10
516	1	0.00	1	1.241E+04	2.631E+03	1.524E+03	1.416E+04	2.242E+05	2.475E+02	0.000E+00	0.000E+00
516	1	0.00	2	1.241E+04	2.631E+03	1.533E+03	1.481E+04	2.255E+05	2.489E+02	0.000E+00	0.000E+00
516	1	0.00	3	1.241E+04	2.635E+03	-2.027E+03	-1.478E+04	-3.163E+05	-3.490E+02	0.000E+00	0.000E+00
516	1	0.00	4	1.241E+04	2.635E+03	-2.019E+03	-1.413E+04	-3.150E+05	-3.476E+02	0.000E+00	0.000E+00
516	1	0.00	5	1.241E+04	2.631E+03	2.019E+03	1.413E+04	2.994E+05	3.306E+02	0.000E+00	0.000E+00
516	1	0.00	6	1.241E+04	2.631E+03	2.027E+03	1.478E+04	3.007E+05	3.320E+02	0.000E+00	0.000E+00
516	1	0.00	7	1.241E+04	2.635E+03	-1.533E+03	-1.481E+04	-2.411E+05	-2.659E+02	0.000E+00	0.000E+00
516	1	0.00	8	1.241E+04	2.635E+03	-1.524E+03	-1.416E+04	-2.398E+05	-2.645E+02	0.000E+00	0.000E+00
516	1	0.00	9	1.068E+04	2.631E+03	1.524E+03	1.416E+04	2.253E+05	2.487E+02	0.000E+00	0.000E+00
516	1	0.00	10	1.068E+04	2.631E+03	1.533E+03	1.481E+04	2.266E+05	2.501E+02	0.000E+00	0.000E+00
516	1	0.00	11	1.068E+04	2.635E+03	-2.027E+03	-1.478E+04	-3.152E+05	-3.478E+02	0.000E+00	0.000E+00
516	1	0.00	12	1.068E+04	2.635E+03	-2.019E+03	-1.413E+04	-3.140E+05	-3.464E+02	0.000E+00	0.000E+00
516	1	0.00	13	1.068E+04	2.631E+03	2.019E+03	1.413E+04	3.005E+05	3.318E+02	0.000E+00	0.000E+00
516	1	0.00	14	1.068E+04	2.631E+03	2.027E+03	1.478E+04	3.018E+05	3.332E+02	0.000E+00	0.000E+00
516	1	0.00	15	1.068E+04	2.635E+03	-1.533E+03	-1.481E+04	-2.400E+05	-2.647E+02	0.000E+00	0.000E+00
516	1	0.00	16	1.068E+04	2.635E+03	-1.524E+03	-1.416E+04	-2.387E+05	-2.633E+02	0.000E+00	0.000E+00
516	2	76.10	1	1.241E+04	1.315E+03	1.524E+03	1.416E+04	1.082E+05	1.504E+05	-7.354E-03	2.941E-03

516	2	76.10	2	1.241E+04	1.315E+03	1.533E+03	1.481E+04	1.089E+05	1.504E+05	-7.354E-03	2.961E-03
516	2	76.10	3	1.241E+04	1.319E+03	-2.027E+03	-1.478E+04	-1.621E+05	1.501E+05	-7.350E-03	-5.640E-03
516	2	76.10	4	1.241E+04	1.319E+03	-2.019E+03	-1.413E+04	-1.614E+05	1.501E+05	-7.350E-03	-5.620E-03
516	2	76.10	5	1.241E+04	1.314E+03	2.019E+03	1.413E+04	1.458E+05	1.504E+05	-7.354E-03	4.135E-03
516	2	76.10	6	1.241E+04	1.314E+03	2.027E+03	1.478E+04	1.465E+05	1.504E+05	-7.354E-03	4.155E-03
516	2	76.10	7	1.241E+04	1.318E+03	-1.533E+03	-1.481E+04	-1.244E+05	1.501E+05	-7.350E-03	-4.446E-03
516	2	76.10	8	1.241E+04	1.318E+03	-1.524E+03	-1.416E+04	-1.238E+05	1.501E+05	-7.350E-03	-4.426E-03
516	2	76.10	9	1.068E+04	1.315E+03	1.524E+03	1.416E+04	1.093E+05	1.504E+05	-7.354E-03	3.044E-03
516	2	76.10	10	1.068E+04	1.315E+03	1.533E+03	1.481E+04	1.099E+05	1.504E+05	-7.354E-03	3.064E-03
516	2	76.10	11	1.068E+04	1.319E+03	-2.027E+03	-1.478E+04	-1.610E+05	1.501E+05	-7.350E-03	-5.537E-03
516	2	76.10	12	1.068E+04	1.319E+03	-2.019E+03	-1.413E+04	-1.603E+05	1.501E+05	-7.350E-03	-5.517E-03
516	2	76.10	13	1.068E+04	1.314E+03	2.019E+03	1.413E+04	1.469E+05	1.504E+05	-7.355E-03	4.238E-03
516	2	76.10	14	1.068E+04	1.314E+03	2.027E+03	1.478E+04	1.475E+05	1.504E+05	-7.355E-03	4.258E-03
516	2	76.10	15	1.068E+04	1.318E+03	-1.533E+03	-1.481E+04	-1.234E+05	1.501E+05	-7.350E-03	-4.343E-03
516	2	76.10	16	1.068E+04	1.318E+03	-1.524E+03	-1.416E+04	-1.227E+05	1.501E+05	-7.350E-03	-4.323E-03
516	3	152.20	1	1.241E+04	-1.682E+00	1.524E+03	1.416E+04	-7.796E+03	2.004E+05	-1.027E-02	-9.900E-04
516	3	152.20	2	1.241E+04	-1.691E+00	1.533E+03	1.481E+04	-7.796E+03	2.004E+05	-1.027E-02	-9.900E-04
516	3	152.20	3	1.241E+04	2.237E+00	-2.027E+03	-1.478E+04	-7.796E+03	2.004E+05	-1.027E-02	-9.900E-04
516	3	152.20	4	1.241E+04	2.228E+00	-2.019E+03	-1.413E+04	-7.796E+03	2.004E+05	-1.027E-02	-9.900E-04
516	3	152.20	5	1.241E+04	-2.228E+00	2.019E+03	1.413E+04	-7.796E+03	2.004E+05	-1.027E-02	-9.900E-04
516	3	152.20	6	1.241E+04	-2.237E+00	2.027E+03	1.478E+04	-7.796E+03	2.004E+05	-1.027E-02	-9.900E-04
516	3	152.20	7	1.241E+04	1.691E+00	-1.533E+03	-1.481E+04	-7.796E+03	2.004E+05	-1.027E-02	-9.900E-04
516	3	152.20	8	1.241E+04	1.682E+00	-1.524E+03	-1.416E+04	-7.796E+03	2.004E+05	-1.027E-02	-9.900E-04
516	3	152.20	9	1.068E+04	-1.682E+00	1.524E+03	1.416E+04	-6.715E+03	2.004E+05	-1.027E-02	-8.529E-04
516	3	152.20	10	1.068E+04	-1.691E+00	1.533E+03	1.481E+04	-6.715E+03	2.004E+05	-1.027E-02	-8.529E-04
516	3	152.20	11	1.068E+04	2.237E+00	-2.027E+03	-1.478E+04	-6.715E+03	2.004E+05	-1.027E-02	-8.529E-04
516	3	152.20	12	1.068E+04	2.228E+00	-2.019E+03	-1.413E+04	-6.715E+03	2.004E+05	-1.027E-02	-8.529E-04
516	3	152.20	13	1.068E+04	-2.228E+00	2.019E+03	1.413E+04	-6.715E+03	2.004E+05	-1.027E-02	-8.529E-04
516	3	152.20	14	1.068E+04	-2.237E+00	2.027E+03	1.478E+04	-6.715E+03	2.004E+05	-1.027E-02	-8.529E-04
516	3	152.20	15	1.068E+04	1.691E+00	-1.533E+03	-1.481E+04	-6.715E+03	2.004E+05	-1.027E-02	-8.529E-04
516	3	152.20	16	1.068E+04	1.682E+00	-1.524E+03	-1.416E+04	-6.715E+03	2.004E+05	-1.027E-02	-8.529E-04
516	4	228.30	1	1.241E+04	-1.318E+03	1.524E+03	1.416E+04	-1.238E+05	1.501E+05	-7.350E-03	-4.426E-03
516	4	228.30	2	1.241E+04	-1.318E+03	1.533E+03	1.481E+04	-1.244E+05	1.501E+05	-7.350E-03	-4.446E-03
516	4	228.30	3	1.241E+04	-1.314E+03	-2.027E+03	-1.478E+04	1.465E+05	1.504E+05	-7.354E-03	4.155E-03
516	4	228.30	4	1.241E+04	-1.314E+03	-2.019E+03	-1.413E+04	1.458E+05	1.504E+05	-7.354E-03	4.135E-03
516	4	228.30	5	1.241E+04	-1.319E+03	2.019E+03	1.413E+04	-1.614E+05	1.501E+05	-7.350E-03	-5.620E-03
516	4	228.30	6	1.241E+04	-1.319E+03	2.027E+03	1.478E+04	-1.621E+05	1.501E+05	-7.350E-03	-5.640E-03
516	4	228.30	7	1.241E+04	-1.315E+03	-1.533E+03	-1.481E+04	1.089E+05	1.504E+05	-7.354E-03	2.961E-03
516	4	228.30	8	1.241E+04	-1.315E+03	-1.524E+03	-1.416E+04	1.082E+05	1.504E+05	-7.354E-03	2.941E-03
516	4	228.30	9	1.068E+04	-1.318E+03	1.524E+03	1.416E+04	-1.227E+05	1.501E+05	-7.350E-03	-4.323E-03
516	4	228.30	10	1.068E+04	-1.318E+03	1.533E+03	1.481E+04	-1.234E+05	1.501E+05	-7.350E-03	-4.343E-03
516	4	228.30	11	1.068E+04	-1.314E+03	-2.027E+03	-1.478E+04	1.475E+05	1.504E+05	-7.355E-03	4.258E-03
516	4	228.30	12	1.068E+04	-1.314E+03	-2.019E+03	-1.413E+04	1.469E+05	1.504E+05	-7.355E-03	4.238E-03
516	4	228.30	13	1.068E+04	-1.319E+03	2.019E+03	1.413E+04	-1.603E+05	1.501E+05	-7.350E-03	-5.517E-03
516	4	228.30	14	1.068E+04	-1.319E+03	2.027E+03	1.478E+04	-1.610E+05	1.501E+05	-7.350E-03	-5.537E-03
516	4	228.30	15	1.068E+04	-1.315E+03	-1.533E+03	-1.481E+04	1.099E+05	1.504E+05	-7.354E-03	3.064E-03
516	4	228.30	16	1.068E+04	-1.315E+03	-1.524E+03	-1.416E+04	1.093E+05	1.504E+05	-7.354E-03	3.044E-03
516	5	304.40	1	1.241E+04	-2.635E+03	1.524E+03	1.416E+04	-2.398E+05	-2.645E+02	-4.690E-10	-1.781E-09
516	5	304.40	2	1.241E+04	-2.635E+03	1.533E+03	1.481E+04	-2.411E+05	-2.659E+02	-4.690E-10	-1.784E-09
516	5	304.40	3	1.241E+04	-2.631E+03	-2.027E+03	-1.478E+04	3.007E+05	3.320E+02	-4.676E-10	1.855E-09
516	5	304.40	4	1.241E+04	-2.631E+03	-2.019E+03	-1.413E+04	2.994E+05	3.306E+02	-4.676E-10	1.852E-09
516	5	304.40	5	1.241E+04	-2.635E+03	2.019E+03	1.413E+04	-3.150E+05	-3.476E+02	-4.692E-10	-1.974E-09
516	5	304.40	6	1.241E+04	-2.635E+03	2.027E+03	1.478E+04	-3.163E+05	-3.490E+02	-4.692E-10	-1.977E-09
516	5	304.40	7	1.241E+04	-2.631E+03	-1.533E+03	-1.481E+04	2.255E+05	2.489E+02	-4.678E-10	1.662E-09
516	5	304.40	8	1.241E+04	-2.631E+03	-1.524E+03	-1.416E+04	2.242E+05	2.475E+02	-4.678E-10	1.659E-09
516	5	304.40	9	1.068E+04	-2.635E+03	1.524E+03	1.416E+04	-2.387E+05	-2.633E+02	-4.690E-10	-1.744E-09
516	5	304.40	10	1.068E+04	-2.635E+03	1.533E+03	1.481E+04	-2.400E+05	-2.647E+02	-4.690E-10	-1.747E-09
516	5	304.40	11	1.068E+04	-2.631E+03	-2.027E+03	-1.478E+04	3.018E+05	3.332E+02	-4.676E-10	1.892E-09
516	5	304.40	12	1.068E+04	-2.631E+03	-2.019E+03	-1.413E+04	3.005E+05	3.318E+02	-4.676E-10	1.889E-09
516	5	304.40	13	1.068E+04	-2.635E+03	2.019E+03	1.413E+04	-3.140E+05	-3.464E+02	-4.692E-10	-1.938E-09
516	5	304.40	14	1.068E+04	-2.635E+03	2.027E+03	1.478E+04	-3.152E+05	-3.478E+02	-4.692E-10	-1.940E-09
516	5	304.40	15	1.068E+04	-2.631E+03	-1.533E+03	-1.481E+04	2.266E+05	2.501E+02	-4.678E-10	1.698E-09

516	5	304.40	16	1.068E+04	-2.631E+03	-1.524E+03	-1.416E+04	2.253E+05	2.487E+02	-4.678E-10	1.696E-09
736	1	0.00	1	1.145E+03	7.379E+03	-6.656E+02	5.373E+03	-1.001E+05	-8.482E+01	0.000E+00	0.000E+00
736	1	0.00	2	1.145E+03	7.379E+03	-6.775E+02	5.618E+03	-1.019E+05	-8.671E+01	0.000E+00	0.000E+00
736	1	0.00	3	1.145E+03	7.377E+03	5.213E+02	-5.624E+03	8.056E+04	1.074E+02	0.000E+00	0.000E+00
736	1	0.00	4	1.145E+03	7.377E+03	5.095E+02	-5.380E+03	7.876E+04	1.055E+02	0.000E+00	0.000E+00
736	1	0.00	5	1.145E+03	7.378E+03	-5.095E+02	5.380E+03	-7.632E+04	-6.808E+01	0.000E+00	0.000E+00
736	1	0.00	6	1.145E+03	7.378E+03	-5.213E+02	5.624E+03	-7.812E+04	-6.997E+01	0.000E+00	0.000E+00
736	1	0.00	7	1.145E+03	7.377E+03	6.775E+02	-5.618E+03	1.043E+05	1.242E+02	0.000E+00	0.000E+00
736	1	0.00	8	1.145E+03	7.377E+03	6.656E+02	-5.373E+03	1.025E+05	1.223E+02	0.000E+00	0.000E+00
736	1	0.00	9	1.448E+03	7.379E+03	-6.656E+02	5.373E+03	-9.976E+04	-7.983E+01	0.000E+00	0.000E+00
736	1	0.00	10	1.448E+03	7.379E+03	-6.775E+02	5.618E+03	-1.016E+05	-8.172E+01	0.000E+00	0.000E+00
736	1	0.00	11	1.448E+03	7.377E+03	5.213E+02	-5.624E+03	8.089E+04	1.124E+02	0.000E+00	0.000E+00
736	1	0.00	12	1.448E+03	7.377E+03	5.095E+02	-5.380E+03	7.910E+04	1.105E+02	0.000E+00	0.000E+00
736	1	0.00	13	1.448E+03	7.378E+03	-5.095E+02	5.380E+03	-7.599E+04	-6.309E+01	0.000E+00	0.000E+00
736	1	0.00	14	1.448E+03	7.378E+03	-5.213E+02	5.624E+03	-7.778E+04	-6.498E+01	0.000E+00	0.000E+00
736	1	0.00	15	1.448E+03	7.377E+03	6.775E+02	-5.618E+03	1.047E+05	1.291E+02	0.000E+00	0.000E+00
736	1	0.00	16	1.448E+03	7.377E+03	6.656E+02	-5.373E+03	1.029E+05	1.273E+02	0.000E+00	0.000E+00
736	2	76.10	1	1.145E+03	3.690E+03	-6.656E+02	5.373E+03	-4.943E+04	4.211E+05	-2.143E-02	-5.238E-03
736	2	76.10	2	1.145E+03	3.690E+03	-6.775E+02	5.618E+03	-5.033E+04	4.211E+05	-2.143E-02	-5.339E-03
736	2	76.10	3	1.145E+03	3.688E+03	5.213E+02	-5.624E+03	4.089E+04	4.212E+05	-2.143E-02	4.830E-03
736	2	76.10	4	1.145E+03	3.688E+03	5.095E+02	-5.380E+03	3.999E+04	4.212E+05	-2.143E-02	4.730E-03
736	2	76.10	5	1.145E+03	3.690E+03	-5.095E+02	5.380E+03	-3.755E+04	4.211E+05	-2.143E-02	-3.914E-03
736	2	76.10	6	1.145E+03	3.690E+03	-5.213E+02	5.624E+03	-3.845E+04	4.211E+05	-2.143E-02	-4.014E-03
736	2	76.10	7	1.145E+03	3.688E+03	6.775E+02	-5.618E+03	5.277E+04	4.212E+05	-2.143E-02	6.155E-03
736	2	76.10	8	1.145E+03	3.688E+03	6.656E+02	-5.373E+03	5.188E+04	4.212E+05	-2.143E-02	6.055E-03
736	2	76.10	9	1.448E+03	3.690E+03	-6.656E+02	5.373E+03	-4.910E+04	4.211E+05	-2.143E-02	-5.126E-03
736	2	76.10	10	1.448E+03	3.690E+03	-6.775E+02	5.618E+03	-5.000E+04	4.211E+05	-2.143E-02	-5.227E-03
736	2	76.10	11	1.448E+03	3.688E+03	5.213E+02	-5.624E+03	4.122E+04	4.212E+05	-2.143E-02	4.942E-03
736	2	76.10	12	1.448E+03	3.688E+03	5.095E+02	-5.380E+03	4.033E+04	4.212E+05	-2.143E-02	4.842E-03
736	2	76.10	13	1.448E+03	3.690E+03	-5.095E+02	5.380E+03	-3.722E+04	4.211E+05	-2.143E-02	-3.802E-03
736	2	76.10	14	1.448E+03	3.690E+03	-5.213E+02	5.624E+03	-3.811E+04	4.211E+05	-2.143E-02	-3.902E-03
736	2	76.10	15	1.448E+03	3.688E+03	6.775E+02	-5.618E+03	5.311E+04	4.212E+05	-2.143E-02	6.267E-03
736	2	76.10	16	1.448E+03	3.688E+03	6.656E+02	-5.373E+03	5.221E+04	4.212E+05	-2.143E-02	6.167E-03
736	3	152.20	1	1.145E+03	6.803E-01	-6.656E+02	5.373E+03	1.220E+03	5.615E+05	-2.990E-02	5.441E-04
736	3	152.20	2	1.145E+03	6.927E-01	-6.775E+02	5.618E+03	1.220E+03	5.615E+05	-2.990E-02	5.441E-04
736	3	152.20	3	1.145E+03	-5.827E-01	5.213E+02	-5.624E+03	1.220E+03	5.615E+05	-2.990E-02	5.441E-04
736	3	152.20	4	1.145E+03	-5.703E-01	5.095E+02	-5.380E+03	1.220E+03	5.615E+05	-2.990E-02	5.441E-04
736	3	152.20	5	1.145E+03	5.703E-01	-5.095E+02	5.380E+03	1.220E+03	5.615E+05	-2.990E-02	5.441E-04
736	3	152.20	6	1.145E+03	5.827E-01	-5.213E+02	5.624E+03	1.220E+03	5.615E+05	-2.990E-02	5.441E-04
736	3	152.20	7	1.145E+03	-6.927E-01	6.775E+02	-5.618E+03	1.220E+03	5.615E+05	-2.990E-02	5.441E-04
736	3	152.20	8	1.145E+03	-6.803E-01	6.656E+02	-5.373E+03	1.220E+03	5.615E+05	-2.990E-02	5.441E-04
736	3	152.20	9	1.448E+03	6.803E-01	-6.656E+02	5.373E+03	1.555E+03	5.615E+05	-2.990E-02	6.934E-04
736	3	152.20	10	1.448E+03	6.927E-01	-6.775E+02	5.618E+03	1.555E+03	5.615E+05	-2.990E-02	6.934E-04
736	3	152.20	11	1.448E+03	-5.827E-01	5.213E+02	-5.624E+03	1.555E+03	5.615E+05	-2.990E-02	6.934E-04
736	3	152.20	12	1.448E+03	-5.703E-01	5.095E+02	-5.380E+03	1.555E+03	5.615E+05	-2.990E-02	6.934E-04
736	3	152.20	13	1.448E+03	5.703E-01	-5.095E+02	5.380E+03	1.555E+03	5.615E+05	-2.990E-02	6.934E-04
736	3	152.20	14	1.448E+03	5.827E-01	-5.213E+02	5.624E+03	1.555E+03	5.615E+05	-2.990E-02	6.934E-04
736	3	152.20	15	1.448E+03	-6.927E-01	6.775E+02	-5.618E+03	1.555E+03	5.615E+05	-2.990E-02	6.934E-04
736	3	152.20	16	1.448E+03	-6.803E-01	6.656E+02	-5.373E+03	1.555E+03	5.615E+05	-2.990E-02	6.934E-04
736	4	228.30	1	1.145E+03	-3.688E+03	-6.656E+02	5.373E+03	5.188E+04	4.212E+05	-2.143E-02	6.055E-03
736	4	228.30	2	1.145E+03	-3.688E+03	-6.775E+02	5.618E+03	5.277E+04	4.212E+05	-2.143E-02	6.155E-03
736	4	228.30	3	1.145E+03	-3.690E+03	5.213E+02	-5.624E+03	-3.845E+04	4.211E+05	-2.143E-02	-4.014E-03
736	4	228.30	4	1.145E+03	-3.690E+03	5.095E+02	-5.380E+03	-3.755E+04	4.211E+05	-2.143E-02	-3.914E-03
736	4	228.30	5	1.145E+03	-3.688E+03	-5.095E+02	5.380E+03	3.999E+04	4.212E+05	-2.143E-02	4.730E-03
736	4	228.30	6	1.145E+03	-3.688E+03	-5.213E+02	5.624E+03	4.089E+04	4.212E+05	-2.143E-02	4.830E-03
736	4	228.30	7	1.145E+03	-3.690E+03	6.775E+02	-5.618E+03	-5.033E+04	4.211E+05	-2.143E-02	-5.339E-03
736	4	228.30	8	1.145E+03	-3.690E+03	6.656E+02	-5.373E+03	-4.943E+04	4.211E+05	-2.143E-02	-5.238E-03
736	4	228.30	9	1.448E+03	-3.688E+03	-6.656E+02	5.373E+03	5.221E+04	4.212E+05	-2.143E-02	6.167E-03
736	4	228.30	10	1.448E+03	-3.688E+03	-6.775E+02	5.618E+03	5.311E+04	4.212E+05	-2.143E-02	6.267E-03
736	4	228.30	11	1.448E+03	-3.690E+03	5.213E+02	-5.624E+03	-3.811E+04	4.211E+05	-2.143E-02	-3.902E-03
736	4	228.30	12	1.448E+03	-3.690E+03	5.095E+02	-5.380E+03	-3.722E+04	4.211E+05	-2.143E-02	-3.802E-03
736	4	228.30	13	1.448E+03	-3.688E+03	-5.095E+02	5.380E+03	4.033E+04	4.212E+05	-2.143E-02	4.842E-03

736	4	228.30	14	1.448E+03	-3.688E+03	-5.213E+02	5.624E+03	4.122E+04	4.212E+05	-2.143E-02	4.942E-03
736	4	228.30	15	1.448E+03	-3.690E+03	6.775E+02	-5.618E+03	-5.000E+04	4.211E+05	-2.143E-02	-5.227E-03
736	4	228.30	16	1.448E+03	-3.690E+03	6.656E+02	-5.373E+03	-4.910E+04	4.211E+05	-2.143E-02	-5.126E-03
736	5	304.40	1	1.145E+03	-7.377E+03	-6.656E+02	5.373E+03	1.025E+05	1.223E+02	-1.041E-09	-9.537E-10
736	5	304.40	2	1.145E+03	-7.377E+03	-6.775E+02	5.618E+03	1.043E+05	1.242E+02	-1.041E-09	-9.985E-10
736	5	304.40	3	1.145E+03	-7.378E+03	5.213E+02	-5.624E+03	-7.812E+04	-6.997E+01	-1.041E-09	4.616E-10
736	5	304.40	4	1.145E+03	-7.378E+03	5.095E+02	-5.380E+03	-7.632E+04	-6.808E+01	-1.041E-09	4.168E-10
736	5	304.40	5	1.145E+03	-7.377E+03	-5.095E+02	5.380E+03	7.876E+04	1.055E+02	-1.041E-09	-5.417E-10
736	5	304.40	6	1.145E+03	-7.377E+03	-5.213E+02	5.624E+03	8.056E+04	1.074E+02	-1.041E-09	-5.865E-10
736	5	304.40	7	1.145E+03	-7.379E+03	6.775E+02	-5.618E+03	-1.019E+05	-8.671E+01	-1.041E-09	8.736E-10
736	5	304.40	8	1.145E+03	-7.379E+03	6.656E+02	-5.373E+03	-1.001E+05	-8.482E+01	-1.041E-09	8.289E-10
736	5	304.40	9	1.448E+03	-7.377E+03	-6.656E+02	5.373E+03	1.029E+05	1.273E+02	-1.041E-09	-9.097E-10
736	5	304.40	10	1.448E+03	-7.377E+03	-6.775E+02	5.618E+03	1.047E+05	1.291E+02	-1.041E-09	-9.544E-10
736	5	304.40	11	1.448E+03	-7.378E+03	5.213E+02	-5.624E+03	-7.778E+04	-6.498E+01	-1.041E-09	5.056E-10
736	5	304.40	12	1.448E+03	-7.378E+03	5.095E+02	-5.380E+03	-7.599E+04	-6.309E+01	-1.041E-09	4.609E-10
736	5	304.40	13	1.448E+03	-7.377E+03	-5.095E+02	5.380E+03	7.910E+04	1.105E+02	-1.041E-09	-4.976E-10
736	5	304.40	14	1.448E+03	-7.377E+03	-5.213E+02	5.624E+03	8.089E+04	1.124E+02	-1.041E-09	-5.424E-10
736	5	304.40	15	1.448E+03	-7.379E+03	6.775E+02	-5.618E+03	-1.016E+05	-8.172E+01	-1.041E-09	9.177E-10
736	5	304.40	16	1.448E+03	-7.379E+03	6.656E+02	-5.373E+03	-9.976E+04	-7.983E+01	-1.041E-09	8.729E-10
737	1	0.00	1	-3.566E+02	9.601E+03	-5.331E+02	5.495E+03	-8.139E+04	-8.109E+01	0.000E+00	0.000E+00
737	1	0.00	2	-3.566E+02	9.601E+03	-5.426E+02	5.745E+03	-8.284E+04	-8.253E+01	0.000E+00	0.000E+00
737	1	0.00	3	-3.566E+02	9.600E+03	3.629E+02	-5.748E+03	5.498E+04	5.517E+01	0.000E+00	0.000E+00
737	1	0.00	4	-3.566E+02	9.600E+03	3.534E+02	-5.498E+03	5.353E+04	5.373E+01	0.000E+00	0.000E+00
737	1	0.00	5	-3.566E+02	9.600E+03	-3.534E+02	5.498E+03	-5.403E+04	-5.430E+01	0.000E+00	0.000E+00
737	1	0.00	6	-3.566E+02	9.600E+03	-3.629E+02	5.748E+03	-5.548E+04	-5.574E+01	0.000E+00	0.000E+00
737	1	0.00	7	-3.566E+02	9.599E+03	5.426E+02	-5.745E+03	8.234E+04	8.196E+01	0.000E+00	0.000E+00
737	1	0.00	8	-3.566E+02	9.599E+03	5.331E+02	-5.495E+03	8.089E+04	8.051E+01	0.000E+00	0.000E+00
737	1	0.00	9	-4.499E+02	9.601E+03	-5.331E+02	5.495E+03	-8.144E+04	-8.115E+01	0.000E+00	0.000E+00
737	1	0.00	10	-4.499E+02	9.601E+03	-5.426E+02	5.745E+03	-8.289E+04	-8.259E+01	0.000E+00	0.000E+00
737	1	0.00	11	-4.499E+02	9.600E+03	3.629E+02	-5.748E+03	5.493E+04	5.511E+01	0.000E+00	0.000E+00
737	1	0.00	12	-4.499E+02	9.600E+03	3.534E+02	-5.498E+03	5.348E+04	5.367E+01	0.000E+00	0.000E+00
737	1	0.00	13	-4.499E+02	9.600E+03	-3.534E+02	5.498E+03	-5.408E+04	-5.436E+01	0.000E+00	0.000E+00
737	1	0.00	14	-4.499E+02	9.600E+03	-3.629E+02	5.748E+03	-5.553E+04	-5.580E+01	0.000E+00	0.000E+00
737	1	0.00	15	-4.499E+02	9.599E+03	5.426E+02	-5.745E+03	8.229E+04	8.190E+01	0.000E+00	0.000E+00
737	1	0.00	16	-4.499E+02	9.599E+03	5.331E+02	-5.495E+03	8.084E+04	8.046E+01	0.000E+00	0.000E+00
737	2	76.10	1	-3.566E+02	4.801E+03	-5.331E+02	5.495E+03	-4.082E+04	5.479E+05	-2.788E-02	-4.605E-03
737	2	76.10	2	-3.566E+02	4.801E+03	-5.426E+02	5.745E+03	-4.154E+04	5.479E+05	-2.788E-02	-4.686E-03
737	2	76.10	3	-3.566E+02	4.800E+03	3.629E+02	-5.748E+03	2.737E+04	5.479E+05	-2.788E-02	2.995E-03
737	2	76.10	4	-3.566E+02	4.800E+03	3.534E+02	-5.498E+03	2.664E+04	5.479E+05	-2.788E-02	2.914E-03
737	2	76.10	5	-3.566E+02	4.800E+03	-3.534E+02	5.498E+03	-2.714E+04	5.479E+05	-2.788E-02	-3.081E-03
737	2	76.10	6	-3.566E+02	4.800E+03	-3.629E+02	5.748E+03	-2.786E+04	5.479E+05	-2.788E-02	-3.161E-03
737	2	76.10	7	-3.566E+02	4.799E+03	5.426E+02	-5.745E+03	4.105E+04	5.480E+05	-2.788E-02	4.520E-03
737	2	76.10	8	-3.566E+02	4.799E+03	5.331E+02	-5.495E+03	4.032E+04	5.480E+05	-2.788E-02	4.439E-03
737	2	76.10	9	-4.499E+02	4.801E+03	-5.331E+02	5.495E+03	-4.087E+04	5.479E+05	-2.788E-02	-4.622E-03
737	2	76.10	10	-4.499E+02	4.801E+03	-5.426E+02	5.745E+03	-4.159E+04	5.479E+05	-2.788E-02	-4.703E-03
737	2	76.10	11	-4.499E+02	4.800E+03	3.629E+02	-5.748E+03	2.732E+04	5.479E+05	-2.788E-02	2.978E-03
737	2	76.10	12	-4.499E+02	4.800E+03	3.534E+02	-5.498E+03	2.659E+04	5.479E+05	-2.788E-02	2.898E-03
737	2	76.10	13	-4.499E+02	4.800E+03	-3.534E+02	5.498E+03	-2.719E+04	5.479E+05	-2.788E-02	-3.097E-03
737	2	76.10	14	-4.499E+02	4.800E+03	-3.629E+02	5.748E+03	-2.791E+04	5.479E+05	-2.788E-02	-3.178E-03
737	2	76.10	15	-4.499E+02	4.799E+03	5.426E+02	-5.745E+03	4.100E+04	5.480E+05	-2.788E-02	4.503E-03
737	2	76.10	16	-4.499E+02	4.799E+03	5.331E+02	-5.495E+03	4.027E+04	5.480E+05	-2.788E-02	4.423E-03
737	3	152.20	1	-3.566E+02	5.309E-01	-5.331E+02	5.495E+03	-2.485E+02	7.306E+05	-3.891E-02	-1.108E-04
737	3	152.20	2	-3.566E+02	5.404E-01	-5.426E+02	5.745E+03	-2.485E+02	7.306E+05	-3.891E-02	-1.108E-04
737	3	152.20	3	-3.566E+02	-3.644E-01	3.629E+02	-5.748E+03	-2.485E+02	7.306E+05	-3.891E-02	-1.108E-04
737	3	152.20	4	-3.566E+02	-3.549E-01	3.534E+02	-5.498E+03	-2.485E+02	7.306E+05	-3.891E-02	-1.108E-04
737	3	152.20	5	-3.566E+02	3.549E-01	-3.534E+02	5.498E+03	-2.485E+02	7.306E+05	-3.891E-02	-1.108E-04
737	3	152.20	6	-3.566E+02	3.644E-01	-3.629E+02	5.748E+03	-2.485E+02	7.306E+05	-3.891E-02	-1.108E-04
737	3	152.20	7	-3.566E+02	-5.404E-01	5.426E+02	-5.745E+03	-2.485E+02	7.306E+05	-3.891E-02	-1.108E-04
737	3	152.20	8	-3.566E+02	-5.309E-01	5.331E+02	-5.495E+03	-2.485E+02	7.306E+05	-3.891E-02	-1.108E-04
737	3	152.20	9	-4.499E+02	5.309E-01	-5.331E+02	5.495E+03	-2.981E+02	7.306E+05	-3.891E-02	-1.329E-04
737	3	152.20	10	-4.499E+02	5.404E-01	-5.426E+02	5.745E+03	-2.981E+02	7.306E+05	-3.891E-02	-1.329E-04
737	3	152.20	11	-4.499E+02	-3.644E-01	3.629E+02	-5.748E+03	-2.981E+02	7.306E+05	-3.891E-02	-1.329E-04

737	3	152.20	12	-4.499E+02	-3.549E-01	3.534E+02	-5.498E+03	-2.981E+02	7.306E+05	-3.891E-02	-1.329E-04
737	3	152.20	13	-4.499E+02	3.549E-01	-3.534E+02	5.498E+03	-2.981E+02	7.306E+05	-3.891E-02	-1.329E-04
737	3	152.20	14	-4.499E+02	3.644E-01	-3.629E+02	5.748E+03	-2.981E+02	7.306E+05	-3.891E-02	-1.329E-04
737	3	152.20	15	-4.499E+02	-5.404E-01	5.426E+02	-5.745E+03	-2.981E+02	7.306E+05	-3.891E-02	-1.329E-04
737	3	152.20	16	-4.499E+02	-5.309E-01	5.331E+02	-5.495E+03	-2.981E+02	7.306E+05	-3.891E-02	-1.329E-04
737	4	228.30	1	-3.566E+02	-4.799E+03	-5.331E+02	5.495E+03	4.032E+04	5.480E+05	-2.788E-02	4.439E-03
737	4	228.30	2	-3.566E+02	-4.799E+03	-5.426E+02	5.745E+03	4.105E+04	5.480E+05	-2.788E-02	4.520E-03
737	4	228.30	3	-3.566E+02	-4.800E+03	3.629E+02	-5.748E+03	-2.786E+04	5.479E+05	-2.788E-02	-3.161E-03
737	4	228.30	4	-3.566E+02	-4.800E+03	3.534E+02	-5.498E+03	-2.714E+04	5.479E+05	-2.788E-02	-3.081E-03
737	4	228.30	5	-3.566E+02	-4.800E+03	-3.534E+02	5.498E+03	2.664E+04	5.479E+05	-2.788E-02	2.914E-03
737	4	228.30	6	-3.566E+02	-4.800E+03	-3.629E+02	5.748E+03	2.737E+04	5.479E+05	-2.788E-02	2.995E-03
737	4	228.30	7	-3.566E+02	-4.801E+03	5.426E+02	-5.745E+03	-4.154E+04	5.479E+05	-2.788E-02	-4.686E-03
737	4	228.30	8	-3.566E+02	-4.801E+03	5.331E+02	-5.495E+03	-4.082E+04	5.479E+05	-2.788E-02	-4.605E-03
737	4	228.30	9	-4.499E+02	-4.799E+03	-5.331E+02	5.495E+03	4.027E+04	5.480E+05	-2.788E-02	4.423E-03
737	4	228.30	10	-4.499E+02	-4.799E+03	-5.426E+02	5.745E+03	4.100E+04	5.480E+05	-2.788E-02	4.503E-03
737	4	228.30	11	-4.499E+02	-4.800E+03	3.629E+02	-5.748E+03	-2.791E+04	5.479E+05	-2.788E-02	-3.178E-03
737	4	228.30	12	-4.499E+02	-4.800E+03	3.534E+02	-5.498E+03	-2.719E+04	5.479E+05	-2.788E-02	-3.097E-03
737	4	228.30	13	-4.499E+02	-4.800E+03	-3.534E+02	5.498E+03	2.659E+04	5.479E+05	-2.788E-02	2.898E-03
737	4	228.30	14	-4.499E+02	-4.800E+03	-3.629E+02	5.748E+03	2.732E+04	5.479E+05	-2.788E-02	2.978E-03
737	4	228.30	15	-4.499E+02	-4.801E+03	5.426E+02	-5.745E+03	-4.159E+04	5.479E+05	-2.788E-02	-4.703E-03
737	4	228.30	16	-4.499E+02	-4.801E+03	5.331E+02	-5.495E+03	-4.087E+04	5.479E+05	-2.788E-02	-4.622E-03
737	5	304.40	1	-3.566E+02	-9.599E+03	-5.331E+02	5.495E+03	8.089E+04	8.051E+01	1.907E-09	-1.554E-09
737	5	304.40	2	-3.566E+02	-9.599E+03	-5.426E+02	5.745E+03	8.234E+04	8.196E+01	1.907E-09	-1.547E-09
737	5	304.40	3	-3.566E+02	-9.600E+03	3.629E+02	-5.748E+03	-5.548E+04	-5.574E+01	1.906E-09	1.402E-09
737	5	304.40	4	-3.566E+02	-9.600E+03	3.534E+02	-5.498E+03	-5.403E+04	-5.430E+01	1.906E-09	1.408E-09
737	5	304.40	5	-3.566E+02	-9.600E+03	-3.534E+02	5.498E+03	5.353E+04	5.373E+01	1.907E-09	-1.390E-09
737	5	304.40	6	-3.566E+02	-9.600E+03	-3.629E+02	5.748E+03	5.498E+04	5.517E+01	1.907E-09	-1.384E-09
737	5	304.40	7	-3.566E+02	-9.601E+03	5.426E+02	-5.745E+03	-8.284E+04	-8.253E+01	1.906E-09	1.565E-09
737	5	304.40	8	-3.566E+02	-9.601E+03	5.331E+02	-5.495E+03	-8.139E+04	-8.109E+01	1.906E-09	1.572E-09
737	5	304.40	9	-4.499E+02	-9.599E+03	-5.331E+02	5.495E+03	8.084E+04	8.046E+01	1.907E-09	-1.547E-09
737	5	304.40	10	-4.499E+02	-9.599E+03	-5.426E+02	5.745E+03	8.229E+04	8.190E+01	1.907E-09	-1.540E-09
737	5	304.40	11	-4.499E+02	-9.600E+03	3.629E+02	-5.748E+03	-5.553E+04	-5.580E+01	1.906E-09	1.409E-09
737	5	304.40	12	-4.499E+02	-9.600E+03	3.534E+02	-5.498E+03	-5.408E+04	-5.436E+01	1.906E-09	1.415E-09
737	5	304.40	13	-4.499E+02	-9.600E+03	-3.534E+02	5.498E+03	5.348E+04	5.367E+01	1.907E-09	-1.383E-09
737	5	304.40	14	-4.499E+02	-9.600E+03	-3.629E+02	5.748E+03	5.493E+04	5.511E+01	1.907E-09	-1.377E-09
737	5	304.40	15	-4.499E+02	-9.601E+03	5.426E+02	-5.745E+03	-8.289E+04	-8.259E+01	1.906E-09	1.572E-09
737	5	304.40	16	-4.499E+02	-9.601E+03	5.331E+02	-5.495E+03	-8.144E+04	-8.115E+01	1.906E-09	1.579E-09
738	1	0.00	1	8.842E+01	1.071E+04	1.088E+02	5.538E+03	1.649E+04	1.615E+01	0.000E+00	0.000E+00
738	1	0.00	2	8.842E+01	1.071E+04	1.043E+02	5.790E+03	1.581E+04	1.548E+01	0.000E+00	0.000E+00
738	1	0.00	3	8.842E+01	1.071E+04	-2.919E+02	-5.787E+03	-4.450E+04	-4.364E+01	0.000E+00	0.000E+00
738	1	0.00	4	8.842E+01	1.071E+04	-2.963E+02	-5.536E+03	-4.517E+04	-4.431E+01	0.000E+00	0.000E+00
738	1	0.00	5	8.842E+01	1.071E+04	2.963E+02	5.536E+03	4.503E+04	4.413E+01	0.000E+00	0.000E+00
738	1	0.00	6	8.842E+01	1.071E+04	2.919E+02	5.787E+03	4.435E+04	4.347E+01	0.000E+00	0.000E+00
738	1	0.00	7	8.842E+01	1.071E+04	-1.043E+02	-5.790E+03	-1.595E+04	-1.566E+01	0.000E+00	0.000E+00
738	1	0.00	8	8.842E+01	1.071E+04	-1.088E+02	-5.538E+03	-1.663E+04	-1.632E+01	0.000E+00	0.000E+00
738	1	0.00	9	9.232E+01	1.071E+04	1.088E+02	5.538E+03	1.649E+04	1.615E+01	0.000E+00	0.000E+00
738	1	0.00	10	9.232E+01	1.071E+04	1.043E+02	5.790E+03	1.581E+04	1.549E+01	0.000E+00	0.000E+00
738	1	0.00	11	9.232E+01	1.071E+04	-2.919E+02	-5.787E+03	-4.449E+04	-4.364E+01	0.000E+00	0.000E+00
738	1	0.00	12	9.232E+01	1.071E+04	-2.963E+02	-5.536E+03	-4.517E+04	-4.430E+01	0.000E+00	0.000E+00
738	1	0.00	13	9.232E+01	1.071E+04	2.963E+02	5.536E+03	4.504E+04	4.414E+01	0.000E+00	0.000E+00
738	1	0.00	14	9.232E+01	1.071E+04	2.919E+02	5.787E+03	4.436E+04	4.347E+01	0.000E+00	0.000E+00
738	1	0.00	15	9.232E+01	1.071E+04	-1.043E+02	-5.790E+03	-1.594E+04	-1.565E+01	0.000E+00	0.000E+00
738	1	0.00	16	9.232E+01	1.071E+04	-1.088E+02	-5.538E+03	-1.662E+04	-1.632E+01	0.000E+00	0.000E+00
738	2	76.10	1	8.842E+01	5.355E+03	1.088E+02	5.538E+03	8.209E+03	6.113E+05	-3.111E-02	8.993E-04
738	2	76.10	2	8.842E+01	5.355E+03	1.043E+02	5.790E+03	7.869E+03	6.113E+05	-3.111E-02	8.615E-04
738	2	76.10	3	8.842E+01	5.356E+03	-2.919E+02	-5.787E+03	-2.228E+04	6.113E+05	-3.111E-02	-2.500E-03
738	2	76.10	4	8.842E+01	5.356E+03	-2.963E+02	-5.536E+03	-2.262E+04	6.113E+05	-3.111E-02	-2.537E-03
738	2	76.10	5	8.842E+01	5.355E+03	2.963E+02	5.536E+03	2.248E+04	6.114E+05	-3.111E-02	2.490E-03
738	2	76.10	6	8.842E+01	5.355E+03	2.919E+02	5.787E+03	2.214E+04	6.114E+05	-3.111E-02	2.452E-03
738	2	76.10	7	8.842E+01	5.356E+03	-1.043E+02	-5.790E+03	-8.010E+03	6.113E+05	-3.111E-02	-9.086E-04
738	2	76.10	8	8.842E+01	5.356E+03	-1.088E+02	-5.538E+03	-8.350E+03	6.113E+05	-3.111E-02	-9.465E-04
738	2	76.10	9	9.232E+01	5.355E+03	1.088E+02	5.538E+03	8.215E+03	6.113E+05	-3.111E-02	9.013E-04

738	2	76.10	10	9.232E+01	5.355E+03	1.043E+02	5.790E+03	7.875E+03	6.113E+05	-3.111E-02	8.635E-04
738	2	76.10	11	9.232E+01	5.356E+03	-2.919E+02	-5.787E+03	-2.228E+04	6.113E+05	-3.111E-02	-2.498E-03
738	2	76.10	12	9.232E+01	5.356E+03	-2.963E+02	-5.536E+03	-2.262E+04	6.113E+05	-3.111E-02	-2.535E-03
738	2	76.10	13	9.232E+01	5.355E+03	2.963E+02	5.536E+03	2.249E+04	6.114E+05	-3.111E-02	2.492E-03
738	2	76.10	14	9.232E+01	5.355E+03	2.919E+02	5.787E+03	2.215E+04	6.114E+05	-3.111E-02	2.454E-03
738	2	76.10	15	9.232E+01	5.356E+03	-1.043E+02	-5.790E+03	-8.004E+03	6.113E+05	-3.111E-02	-9.066E-04
738	2	76.10	16	9.232E+01	5.356E+03	-1.088E+02	-5.538E+03	-8.344E+03	6.113E+05	-3.111E-02	-9.445E-04
738	3	152.20	1	8.842E+01	-1.067E-01	1.088E+02	5.538E+03	-7.051E+01	8.151E+05	-4.341E-02	-3.144E-05
738	3	152.20	2	8.842E+01	-1.023E-01	1.043E+02	5.790E+03	-7.051E+01	8.151E+05	-4.341E-02	-3.144E-05
738	3	152.20	3	8.842E+01	2.862E-01	-2.919E+02	-5.787E+03	-7.051E+01	8.151E+05	-4.341E-02	-3.144E-05
738	3	152.20	4	8.842E+01	2.905E-01	-2.963E+02	-5.536E+03	-7.051E+01	8.151E+05	-4.341E-02	-3.144E-05
738	3	152.20	5	8.842E+01	-2.905E-01	2.963E+02	5.536E+03	-7.051E+01	8.151E+05	-4.341E-02	-3.144E-05
738	3	152.20	6	8.842E+01	-2.862E-01	2.919E+02	5.787E+03	-7.051E+01	8.151E+05	-4.341E-02	-3.144E-05
738	3	152.20	7	8.842E+01	1.023E-01	-1.043E+02	-5.790E+03	-7.051E+01	8.151E+05	-4.341E-02	-3.144E-05
738	3	152.20	8	8.842E+01	1.067E-01	-1.088E+02	-5.538E+03	-7.051E+01	8.151E+05	-4.341E-02	-3.144E-05
738	3	152.20	9	9.232E+01	-1.067E-01	1.088E+02	5.538E+03	-6.457E+01	8.151E+05	-4.341E-02	-2.879E-05
738	3	152.20	10	9.232E+01	-1.023E-01	1.043E+02	5.790E+03	-6.457E+01	8.151E+05	-4.341E-02	-2.879E-05
738	3	152.20	11	9.232E+01	2.862E-01	-2.919E+02	-5.787E+03	-6.457E+01	8.151E+05	-4.341E-02	-2.879E-05
738	3	152.20	12	9.232E+01	2.905E-01	-2.963E+02	-5.536E+03	-6.457E+01	8.151E+05	-4.341E-02	-2.879E-05
738	3	152.20	13	9.232E+01	-2.905E-01	2.963E+02	5.536E+03	-6.457E+01	8.151E+05	-4.341E-02	-2.879E-05
738	3	152.20	14	9.232E+01	-2.862E-01	2.919E+02	5.787E+03	-6.457E+01	8.151E+05	-4.341E-02	-2.879E-05
738	3	152.20	15	9.232E+01	1.023E-01	-1.043E+02	-5.790E+03	-6.457E+01	8.151E+05	-4.341E-02	-2.879E-05
738	3	152.20	16	9.232E+01	1.067E-01	-1.088E+02	-5.538E+03	-6.457E+01	8.151E+05	-4.341E-02	-2.879E-05
738	4	228.30	1	8.842E+01	-5.356E+03	1.088E+02	5.538E+03	-8.350E+03	6.113E+05	-3.111E-02	-9.465E-04
738	4	228.30	2	8.842E+01	-5.356E+03	1.043E+02	5.790E+03	-8.010E+03	6.113E+05	-3.111E-02	-9.086E-04
738	4	228.30	3	8.842E+01	-5.355E+03	-2.919E+02	-5.787E+03	2.214E+04	6.114E+05	-3.111E-02	2.452E-03
738	4	228.30	4	8.842E+01	-5.355E+03	-2.963E+02	-5.536E+03	2.248E+04	6.114E+05	-3.111E-02	2.490E-03
738	4	228.30	5	8.842E+01	-5.356E+03	2.963E+02	5.536E+03	-2.262E+04	6.113E+05	-3.111E-02	-2.537E-03
738	4	228.30	6	8.842E+01	-5.356E+03	2.919E+02	5.787E+03	-2.228E+04	6.113E+05	-3.111E-02	-2.500E-03
738	4	228.30	7	8.842E+01	-5.355E+03	-1.043E+02	-5.790E+03	7.869E+03	6.113E+05	-3.111E-02	8.615E-04
738	4	228.30	8	8.842E+01	-5.355E+03	-1.088E+02	-5.538E+03	8.209E+03	6.113E+05	-3.111E-02	8.993E-04
738	4	228.30	9	9.232E+01	-5.356E+03	1.088E+02	5.538E+03	-8.344E+03	6.113E+05	-3.111E-02	-9.445E-04
738	4	228.30	10	9.232E+01	-5.356E+03	1.043E+02	5.790E+03	-8.004E+03	6.113E+05	-3.111E-02	-9.066E-04
738	4	228.30	11	9.232E+01	-5.355E+03	-2.919E+02	-5.787E+03	2.215E+04	6.114E+05	-3.111E-02	2.454E-03
738	4	228.30	12	9.232E+01	-5.355E+03	-2.963E+02	-5.536E+03	2.249E+04	6.114E+05	-3.111E-02	2.492E-03
738	4	228.30	13	9.232E+01	-5.356E+03	2.963E+02	5.536E+03	-2.262E+04	6.113E+05	-3.111E-02	-2.535E-03
738	4	228.30	14	9.232E+01	-5.356E+03	2.919E+02	5.787E+03	-2.228E+04	6.113E+05	-3.111E-02	-2.498E-03
738	4	228.30	15	9.232E+01	-5.355E+03	-1.043E+02	-5.790E+03	7.875E+03	6.113E+05	-3.111E-02	8.635E-04
738	4	228.30	16	9.232E+01	-5.355E+03	-1.088E+02	-5.538E+03	8.215E+03	6.113E+05	-3.111E-02	9.013E-04
738	5	304.40	1	8.842E+01	-1.071E+04	1.088E+02	5.538E+03	-1.663E+04	-1.632E+01	1.900E-09	1.310E-09
738	5	304.40	2	8.842E+01	-1.071E+04	1.043E+02	5.790E+03	-1.595E+04	-1.566E+01	1.900E-09	1.294E-09
738	5	304.40	3	8.842E+01	-1.071E+04	-2.919E+02	-5.787E+03	4.435E+04	4.347E+01	1.900E-09	-1.768E-09
738	5	304.40	4	8.842E+01	-1.071E+04	-2.963E+02	-5.536E+03	4.503E+04	4.413E+01	1.900E-09	-1.784E-09
738	5	304.40	5	8.842E+01	-1.071E+04	2.963E+02	5.536E+03	-4.517E+04	-4.431E+01	1.900E-09	1.776E-09
738	5	304.40	6	8.842E+01	-1.071E+04	2.919E+02	5.787E+03	-4.450E+04	-4.364E+01	1.900E-09	1.761E-09
738	5	304.40	7	8.842E+01	-1.071E+04	-1.043E+02	-5.790E+03	1.581E+04	1.548E+01	1.900E-09	-1.301E-09
738	5	304.40	8	8.842E+01	-1.071E+04	-1.088E+02	-5.538E+03	1.649E+04	1.615E+01	1.900E-09	-1.317E-09
738	5	304.40	9	9.232E+01	-1.071E+04	1.088E+02	5.538E+03	-1.662E+04	-1.632E+01	1.900E-09	1.310E-09
738	5	304.40	10	9.232E+01	-1.071E+04	1.043E+02	5.790E+03	-1.594E+04	-1.565E+01	1.900E-09	1.294E-09
738	5	304.40	11	9.232E+01	-1.071E+04	-2.919E+02	-5.787E+03	4.436E+04	4.347E+01	1.900E-09	-1.768E-09
738	5	304.40	12	9.232E+01	-1.071E+04	-2.963E+02	-5.536E+03	4.504E+04	4.414E+01	1.900E-09	-1.784E-09
738	5	304.40	13	9.232E+01	-1.071E+04	2.963E+02	5.536E+03	-4.517E+04	-4.430E+01	1.900E-09	1.776E-09
738	5	304.40	14	9.232E+01	-1.071E+04	2.919E+02	5.787E+03	-4.449E+04	-4.364E+01	1.900E-09	1.761E-09
738	5	304.40	15	9.232E+01	-1.071E+04	-1.043E+02	-5.790E+03	1.581E+04	1.549E+01	1.900E-09	-1.301E-09
738	5	304.40	16	9.232E+01	-1.071E+04	-1.088E+02	-5.538E+03	1.649E+04	1.615E+01	1.900E-09	-1.317E-09
739	1	0.00	1	-4.270E+02	9.600E+03	2.982E+02	5.501E+03	4.555E+04	4.595E+01	0.000E+00	0.000E+00
739	1	0.00	2	-4.270E+02	9.600E+03	2.984E+02	5.751E+03	4.558E+04	4.600E+01	0.000E+00	0.000E+00
739	1	0.00	3	-4.270E+02	9.600E+03	-4.783E+02	-5.743E+03	-7.263E+04	-7.242E+01	0.000E+00	0.000E+00
739	1	0.00	4	-4.270E+02	9.600E+03	-4.780E+02	-5.493E+03	-7.259E+04	-7.237E+01	0.000E+00	0.000E+00
739	1	0.00	5	-4.270E+02	9.600E+03	4.780E+02	5.493E+03	7.292E+04	7.275E+01	0.000E+00	0.000E+00
739	1	0.00	6	-4.270E+02	9.600E+03	4.783E+02	5.743E+03	7.296E+04	7.281E+01	0.000E+00	0.000E+00
739	1	0.00	7	-4.270E+02	9.600E+03	-2.984E+02	-5.751E+03	-4.525E+04	-4.561E+01	0.000E+00	0.000E+00

739	1	0.00	8	-4.270E+02	9.600E+03	-2.982E+02	-5.501E+03	-4.522E+04	-4.556E+01	0.000E+00	0.000E+00
739	1	0.00	9	-3.683E+02	9.600E+03	2.982E+02	5.501E+03	4.551E+04	4.591E+01	0.000E+00	0.000E+00
739	1	0.00	10	-3.683E+02	9.600E+03	2.984E+02	5.751E+03	4.555E+04	4.597E+01	0.000E+00	0.000E+00
739	1	0.00	11	-3.683E+02	9.600E+03	-4.783E+02	-5.743E+03	-7.266E+04	-7.245E+01	0.000E+00	0.000E+00
739	1	0.00	12	-3.683E+02	9.600E+03	-4.780E+02	-5.493E+03	-7.262E+04	-7.240E+01	0.000E+00	0.000E+00
739	1	0.00	13	-3.683E+02	9.600E+03	4.780E+02	5.493E+03	7.289E+04	7.272E+01	0.000E+00	0.000E+00
739	1	0.00	14	-3.683E+02	9.600E+03	4.783E+02	5.743E+03	7.293E+04	7.277E+01	0.000E+00	0.000E+00
739	1	0.00	15	-3.683E+02	9.600E+03	-2.984E+02	-5.751E+03	-4.528E+04	-4.565E+01	0.000E+00	0.000E+00
739	1	0.00	16	-3.683E+02	9.600E+03	-2.982E+02	-5.501E+03	-4.525E+04	-4.560E+01	0.000E+00	0.000E+00
739	2	76.10	1	-4.270E+02	4.800E+03	2.982E+02	5.501E+03	2.286E+04	5.479E+05	-2.788E-02	2.584E-03
739	2	76.10	2	-4.270E+02	4.800E+03	2.984E+02	5.751E+03	2.287E+04	5.479E+05	-2.788E-02	2.586E-03
739	2	76.10	3	-4.270E+02	4.800E+03	-4.783E+02	-5.743E+03	-3.623E+04	5.479E+05	-2.788E-02	-4.002E-03
739	2	76.10	4	-4.270E+02	4.800E+03	-4.780E+02	-5.493E+03	-3.621E+04	5.479E+05	-2.788E-02	-4.000E-03
739	2	76.10	5	-4.270E+02	4.800E+03	4.780E+02	5.493E+03	3.654E+04	5.480E+05	-2.788E-02	4.110E-03
739	2	76.10	6	-4.270E+02	4.800E+03	4.783E+02	5.743E+03	3.656E+04	5.480E+05	-2.788E-02	4.112E-03
739	2	76.10	7	-4.270E+02	4.800E+03	-2.984E+02	-5.751E+03	-2.254E+04	5.479E+05	-2.788E-02	-2.476E-03
739	2	76.10	8	-4.270E+02	4.800E+03	-2.982E+02	-5.501E+03	-2.253E+04	5.479E+05	-2.788E-02	-2.474E-03
739	2	76.10	9	-3.683E+02	4.800E+03	2.982E+02	5.501E+03	2.282E+04	5.479E+05	-2.788E-02	2.574E-03
739	2	76.10	10	-3.683E+02	4.800E+03	2.984E+02	5.751E+03	2.284E+04	5.479E+05	-2.788E-02	2.576E-03
739	2	76.10	11	-3.683E+02	4.800E+03	-4.783E+02	-5.743E+03	-3.626E+04	5.479E+05	-2.788E-02	-4.013E-03
739	2	76.10	12	-3.683E+02	4.800E+03	-4.780E+02	-5.493E+03	-3.625E+04	5.479E+05	-2.788E-02	-4.011E-03
739	2	76.10	13	-3.683E+02	4.800E+03	4.780E+02	5.493E+03	3.651E+04	5.480E+05	-2.788E-02	4.100E-03
739	2	76.10	14	-3.683E+02	4.800E+03	4.783E+02	5.743E+03	3.653E+04	5.480E+05	-2.788E-02	4.102E-03
739	2	76.10	15	-3.683E+02	4.800E+03	-2.984E+02	-5.751E+03	-2.258E+04	5.479E+05	-2.788E-02	-2.487E-03
739	2	76.10	16	-3.683E+02	4.800E+03	-2.982E+02	-5.501E+03	-2.256E+04	5.479E+05	-2.788E-02	-2.485E-03
739	3	152.20	1	-4.270E+02	-3.006E-01	2.982E+02	5.501E+03	1.644E+02	7.306E+05	-3.891E-02	7.330E-05
739	3	152.20	2	-4.270E+02	-3.010E-01	2.984E+02	5.751E+03	1.644E+02	7.306E+05	-3.891E-02	7.330E-05
739	3	152.20	3	-4.270E+02	4.771E-01	-4.783E+02	-5.743E+03	1.644E+02	7.306E+05	-3.891E-02	7.331E-05
739	3	152.20	4	-4.270E+02	4.767E-01	-4.780E+02	-5.493E+03	1.644E+02	7.306E+05	-3.891E-02	7.331E-05
739	3	152.20	5	-4.270E+02	-4.767E-01	4.780E+02	5.493E+03	1.644E+02	7.306E+05	-3.891E-02	7.330E-05
739	3	152.20	6	-4.270E+02	-4.771E-01	4.783E+02	5.743E+03	1.644E+02	7.306E+05	-3.891E-02	7.330E-05
739	3	152.20	7	-4.270E+02	3.010E-01	-2.984E+02	-5.751E+03	1.644E+02	7.306E+05	-3.891E-02	7.331E-05
739	3	152.20	8	-4.270E+02	3.006E-01	-2.982E+02	-5.501E+03	1.644E+02	7.306E+05	-3.891E-02	7.331E-05
739	3	152.20	9	-3.683E+02	-3.006E-01	2.982E+02	5.501E+03	1.330E+02	7.306E+05	-3.891E-02	5.932E-05
739	3	152.20	10	-3.683E+02	-3.010E-01	2.984E+02	5.751E+03	1.330E+02	7.306E+05	-3.891E-02	5.932E-05
739	3	152.20	11	-3.683E+02	4.771E-01	-4.783E+02	-5.743E+03	1.330E+02	7.306E+05	-3.891E-02	5.932E-05
739	3	152.20	12	-3.683E+02	4.767E-01	-4.780E+02	-5.493E+03	1.330E+02	7.306E+05	-3.891E-02	5.932E-05
739	3	152.20	13	-3.683E+02	-4.767E-01	4.780E+02	5.493E+03	1.330E+02	7.306E+05	-3.891E-02	5.932E-05
739	3	152.20	14	-3.683E+02	-4.771E-01	4.783E+02	5.743E+03	1.330E+02	7.306E+05	-3.891E-02	5.932E-05
739	3	152.20	15	-3.683E+02	3.010E-01	-2.984E+02	-5.751E+03	1.330E+02	7.306E+05	-3.891E-02	5.932E-05
739	3	152.20	16	-3.683E+02	3.006E-01	-2.982E+02	-5.501E+03	1.330E+02	7.306E+05	-3.891E-02	5.932E-05
739	4	228.30	1	-4.270E+02	-4.800E+03	2.982E+02	5.501E+03	-2.253E+04	5.479E+05	-2.788E-02	-2.474E-03
739	4	228.30	2	-4.270E+02	-4.800E+03	2.984E+02	5.751E+03	-2.254E+04	5.479E+05	-2.788E-02	-2.476E-03
739	4	228.30	3	-4.270E+02	-4.800E+03	-4.783E+02	-5.743E+03	3.656E+04	5.480E+05	-2.788E-02	4.112E-03
739	4	228.30	4	-4.270E+02	-4.800E+03	-4.780E+02	-5.493E+03	3.654E+04	5.480E+05	-2.788E-02	4.110E-03
739	4	228.30	5	-4.270E+02	-4.800E+03	4.780E+02	5.493E+03	-3.621E+04	5.479E+05	-2.788E-02	-4.000E-03
739	4	228.30	6	-4.270E+02	-4.800E+03	4.783E+02	5.743E+03	-3.623E+04	5.479E+05	-2.788E-02	-4.002E-03
739	4	228.30	7	-4.270E+02	-4.800E+03	-2.984E+02	-5.751E+03	2.287E+04	5.479E+05	-2.788E-02	2.586E-03
739	4	228.30	8	-4.270E+02	-4.800E+03	-2.982E+02	-5.501E+03	2.286E+04	5.479E+05	-2.788E-02	2.584E-03
739	4	228.30	9	-3.683E+02	-4.800E+03	2.982E+02	5.501E+03	-2.256E+04	5.479E+05	-2.788E-02	-2.485E-03
739	4	228.30	10	-3.683E+02	-4.800E+03	2.984E+02	5.751E+03	-2.258E+04	5.479E+05	-2.788E-02	-2.487E-03
739	4	228.30	11	-3.683E+02	-4.800E+03	-4.783E+02	-5.743E+03	3.653E+04	5.480E+05	-2.788E-02	4.102E-03
739	4	228.30	12	-3.683E+02	-4.800E+03	-4.780E+02	-5.493E+03	3.651E+04	5.480E+05	-2.788E-02	4.100E-03
739	4	228.30	13	-3.683E+02	-4.800E+03	4.780E+02	5.493E+03	-3.625E+04	5.479E+05	-2.788E-02	-4.011E-03
739	4	228.30	14	-3.683E+02	-4.800E+03	4.783E+02	5.743E+03	-3.626E+04	5.479E+05	-2.788E-02	-4.013E-03
739	4	228.30	15	-3.683E+02	-4.800E+03	-2.984E+02	-5.751E+03	2.284E+04	5.479E+05	-2.788E-02	2.576E-03
739	4	228.30	16	-3.683E+02	-4.800E+03	-2.982E+02	-5.501E+03	2.282E+04	5.479E+05	-2.788E-02	2.574E-03
739	5	304.40	1	-4.270E+02	-9.600E+03	2.982E+02	5.501E+03	-4.522E+04	-4.556E+01	1.729E-09	-1.530E-09
739	5	304.40	2	-4.270E+02	-9.600E+03	2.984E+02	5.751E+03	-4.525E+04	-4.561E+01	1.729E-09	-1.530E-09
739	5	304.40	3	-4.270E+02	-9.600E+03	-4.783E+02	-5.743E+03	7.296E+04	7.281E+01	1.729E-09	1.730E-09
739	5	304.40	4	-4.270E+02	-9.600E+03	-4.780E+02	-5.493E+03	7.292E+04	7.275E+01	1.729E-09	1.731E-09
739	5	304.40	5	-4.270E+02	-9.600E+03	4.780E+02	5.493E+03	-7.259E+04	-7.237E+01	1.729E-09	-1.720E-09

739	5	304.40	6	-4.270E+02	-9.600E+03	4.783E+02	5.743E+03	-7.263E+04	-7.242E+01	1.729E-09	-1.720E-09
739	5	304.40	7	-4.270E+02	-9.600E+03	-2.984E+02	-5.751E+03	4.558E+04	4.600E+01	1.729E-09	1.540E-09
739	5	304.40	8	-4.270E+02	-9.600E+03	-2.982E+02	-5.501E+03	4.555E+04	4.595E+01	1.729E-09	1.541E-09
739	5	304.40	9	-3.683E+02	-9.600E+03	2.982E+02	5.501E+03	-4.525E+04	-4.560E+01	1.729E-09	-1.531E-09
739	5	304.40	10	-3.683E+02	-9.600E+03	2.984E+02	5.751E+03	-4.528E+04	-4.565E+01	1.729E-09	-1.530E-09
739	5	304.40	11	-3.683E+02	-9.600E+03	-4.783E+02	-5.743E+03	7.293E+04	7.277E+01	1.729E-09	1.730E-09
739	5	304.40	12	-3.683E+02	-9.600E+03	-4.780E+02	-5.493E+03	7.289E+04	7.272E+01	1.729E-09	1.731E-09
739	5	304.40	13	-3.683E+02	-9.600E+03	4.780E+02	5.493E+03	-7.262E+04	-7.240E+01	1.729E-09	-1.721E-09
739	5	304.40	14	-3.683E+02	-9.600E+03	4.783E+02	5.743E+03	-7.266E+04	-7.245E+01	1.729E-09	-1.720E-09
739	5	304.40	15	-3.683E+02	-9.600E+03	-2.984E+02	-5.751E+03	4.555E+04	4.597E+01	1.729E-09	1.540E-09
739	5	304.40	16	-3.683E+02	-9.600E+03	-2.982E+02	-5.501E+03	4.551E+04	4.591E+01	1.729E-09	1.541E-09
740	1	0.00	1	1.375E+03	7.377E+03	4.581E+02	5.384E+03	6.815E+04	5.896E+01	0.000E+00	0.000E+00
740	1	0.00	2	1.375E+03	7.377E+03	4.605E+02	5.628E+03	6.852E+04	5.955E+01	0.000E+00	0.000E+00
740	1	0.00	3	1.375E+03	7.379E+03	-6.169E+02	-5.616E+03	-9.546E+04	-1.219E+02	0.000E+00	0.000E+00
740	1	0.00	4	1.375E+03	7.379E+03	-6.145E+02	-5.372E+03	-9.509E+04	-1.213E+02	0.000E+00	0.000E+00
740	1	0.00	5	1.375E+03	7.377E+03	6.145E+02	5.372E+03	9.195E+04	7.571E+01	0.000E+00	0.000E+00
740	1	0.00	6	1.375E+03	7.377E+03	6.169E+02	5.616E+03	9.233E+04	7.631E+01	0.000E+00	0.000E+00
740	1	0.00	7	1.375E+03	7.378E+03	-4.605E+02	-5.628E+03	-7.166E+04	-1.051E+02	0.000E+00	0.000E+00
740	1	0.00	8	1.375E+03	7.378E+03	-4.581E+02	-5.384E+03	-7.128E+04	-1.045E+02	0.000E+00	0.000E+00
740	1	0.00	9	1.183E+03	7.377E+03	4.581E+02	5.384E+03	6.836E+04	6.211E+01	0.000E+00	0.000E+00
740	1	0.00	10	1.183E+03	7.377E+03	4.605E+02	5.628E+03	6.874E+04	6.271E+01	0.000E+00	0.000E+00
740	1	0.00	11	1.183E+03	7.379E+03	-6.169E+02	-5.616E+03	-9.525E+04	-1.187E+02	0.000E+00	0.000E+00
740	1	0.00	12	1.183E+03	7.379E+03	-6.145E+02	-5.372E+03	-9.488E+04	-1.181E+02	0.000E+00	0.000E+00
740	1	0.00	13	1.183E+03	7.377E+03	6.145E+02	5.372E+03	9.216E+04	7.887E+01	0.000E+00	0.000E+00
740	1	0.00	14	1.183E+03	7.377E+03	6.169E+02	5.616E+03	9.254E+04	7.946E+01	0.000E+00	0.000E+00
740	1	0.00	15	1.183E+03	7.378E+03	-4.605E+02	-5.628E+03	-7.145E+04	-1.020E+02	0.000E+00	0.000E+00
740	1	0.00	16	1.183E+03	7.378E+03	-4.581E+02	-5.384E+03	-7.107E+04	-1.014E+02	0.000E+00	0.000E+00
740	2	76.10	1	1.375E+03	3.688E+03	4.581E+02	5.384E+03	3.329E+04	4.211E+05	-2.143E-02	3.361E-03
740	2	76.10	2	1.375E+03	3.688E+03	4.605E+02	5.628E+03	3.348E+04	4.211E+05	-2.143E-02	3.382E-03
740	2	76.10	3	1.375E+03	3.690E+03	-6.169E+02	-5.616E+03	-4.851E+04	4.210E+05	-2.143E-02	-5.757E-03
740	2	76.10	4	1.375E+03	3.690E+03	-6.145E+02	-5.372E+03	-4.833E+04	4.210E+05	-2.143E-02	-5.736E-03
740	2	76.10	5	1.375E+03	3.688E+03	6.145E+02	5.372E+03	4.519E+04	4.211E+05	-2.143E-02	4.688E-03
740	2	76.10	6	1.375E+03	3.688E+03	6.169E+02	5.616E+03	4.538E+04	4.211E+05	-2.143E-02	4.709E-03
740	2	76.10	7	1.375E+03	3.689E+03	-4.605E+02	-5.628E+03	-3.661E+04	4.210E+05	-2.143E-02	-4.431E-03
740	2	76.10	8	1.375E+03	3.689E+03	-4.581E+02	-5.384E+03	-3.643E+04	4.210E+05	-2.143E-02	-4.410E-03
740	2	76.10	9	1.183E+03	3.688E+03	4.581E+02	5.384E+03	3.350E+04	4.211E+05	-2.143E-02	3.432E-03
740	2	76.10	10	1.183E+03	3.688E+03	4.605E+02	5.628E+03	3.369E+04	4.211E+05	-2.143E-02	3.453E-03
740	2	76.10	11	1.183E+03	3.690E+03	-6.169E+02	-5.616E+03	-4.830E+04	4.210E+05	-2.143E-02	-5.686E-03
740	2	76.10	12	1.183E+03	3.690E+03	-6.145E+02	-5.372E+03	-4.812E+04	4.210E+05	-2.143E-02	-5.666E-03
740	2	76.10	13	1.183E+03	3.688E+03	6.145E+02	5.372E+03	4.540E+04	4.211E+05	-2.143E-02	4.759E-03
740	2	76.10	14	1.183E+03	3.688E+03	6.169E+02	5.616E+03	4.559E+04	4.211E+05	-2.143E-02	4.780E-03
740	2	76.10	15	1.183E+03	3.689E+03	-4.605E+02	-5.628E+03	-3.640E+04	4.210E+05	-2.143E-02	-4.360E-03
740	2	76.10	16	1.183E+03	3.689E+03	-4.581E+02	-5.384E+03	-3.621E+04	4.210E+05	-2.143E-02	-4.339E-03
740	3	152.20	1	1.375E+03	-5.371E-01	4.581E+02	5.384E+03	-1.567E+03	5.614E+05	-2.990E-02	-6.989E-04
740	3	152.20	2	1.375E+03	-5.410E-01	4.605E+02	5.628E+03	-1.567E+03	5.614E+05	-2.990E-02	-6.989E-04
740	3	152.20	3	1.375E+03	6.511E-01	-6.169E+02	-5.616E+03	-1.567E+03	5.614E+05	-2.990E-02	-6.989E-04
740	3	152.20	4	1.375E+03	6.472E-01	-6.145E+02	-5.372E+03	-1.567E+03	5.614E+05	-2.990E-02	-6.989E-04
740	3	152.20	5	1.375E+03	-6.472E-01	6.145E+02	5.372E+03	-1.567E+03	5.614E+05	-2.990E-02	-6.989E-04
740	3	152.20	6	1.375E+03	-6.511E-01	6.169E+02	5.616E+03	-1.567E+03	5.614E+05	-2.990E-02	-6.989E-04
740	3	152.20	7	1.375E+03	5.410E-01	-4.605E+02	-5.628E+03	-1.567E+03	5.614E+05	-2.990E-02	-6.989E-04
740	3	152.20	8	1.375E+03	5.371E-01	-4.581E+02	-5.384E+03	-1.567E+03	5.614E+05	-2.990E-02	-6.989E-04
740	3	152.20	9	1.183E+03	-5.371E-01	4.581E+02	5.384E+03	-1.356E+03	5.614E+05	-2.990E-02	-6.044E-04
740	3	152.20	10	1.183E+03	-5.410E-01	4.605E+02	5.628E+03	-1.356E+03	5.614E+05	-2.990E-02	-6.044E-04
740	3	152.20	11	1.183E+03	6.511E-01	-6.169E+02	-5.616E+03	-1.356E+03	5.614E+05	-2.990E-02	-6.044E-04
740	3	152.20	12	1.183E+03	6.472E-01	-6.145E+02	-5.372E+03	-1.356E+03	5.614E+05	-2.990E-02	-6.044E-04
740	3	152.20	13	1.183E+03	-6.472E-01	6.145E+02	5.372E+03	-1.356E+03	5.614E+05	-2.990E-02	-6.044E-04
740	3	152.20	14	1.183E+03	-6.511E-01	6.169E+02	5.616E+03	-1.356E+03	5.614E+05	-2.990E-02	-6.044E-04
740	3	152.20	15	1.183E+03	5.410E-01	-4.605E+02	-5.628E+03	-1.356E+03	5.614E+05	-2.990E-02	-6.044E-04
740	3	152.20	16	1.183E+03	5.371E-01	-4.581E+02	-5.384E+03	-1.356E+03	5.614E+05	-2.990E-02	-6.044E-04
740	4	228.30	1	1.375E+03	-3.689E+03	4.581E+02	5.384E+03	-3.643E+04	4.210E+05	-2.143E-02	-4.410E-03
740	4	228.30	2	1.375E+03	-3.689E+03	4.605E+02	5.628E+03	-3.661E+04	4.210E+05	-2.143E-02	-4.431E-03
740	4	228.30	3	1.375E+03	-3.688E+03	-6.169E+02	-5.616E+03	4.538E+04	4.211E+05	-2.143E-02	4.709E-03

740	4	228.30	4	1.375E+03	-3.688E+03	-6.145E+02	-5.372E+03	4.519E+04	4.211E+05	-2.143E-02	4.688E-03
740	4	228.30	5	1.375E+03	-3.690E+03	6.145E+02	5.372E+03	-4.833E+04	4.210E+05	-2.143E-02	-5.736E-03
740	4	228.30	6	1.375E+03	-3.690E+03	6.169E+02	5.616E+03	-4.851E+04	4.210E+05	-2.143E-02	-5.757E-03
740	4	228.30	7	1.375E+03	-3.688E+03	-4.605E+02	-5.628E+03	3.348E+04	4.211E+05	-2.143E-02	3.382E-03
740	4	228.30	8	1.375E+03	-3.688E+03	-4.581E+02	-5.384E+03	3.329E+04	4.211E+05	-2.143E-02	3.361E-03
740	4	228.30	9	1.183E+03	-3.689E+03	4.581E+02	5.384E+03	-3.621E+04	4.210E+05	-2.143E-02	-4.339E-03
740	4	228.30	10	1.183E+03	-3.689E+03	4.605E+02	5.628E+03	-3.640E+04	4.210E+05	-2.143E-02	-4.360E-03
740	4	228.30	11	1.183E+03	-3.688E+03	-6.169E+02	-5.616E+03	4.559E+04	4.211E+05	-2.143E-02	4.780E-03
740	4	228.30	12	1.183E+03	-3.688E+03	-6.145E+02	-5.372E+03	4.540E+04	4.211E+05	-2.143E-02	4.759E-03
740	4	228.30	13	1.183E+03	-3.690E+03	6.145E+02	5.372E+03	-4.812E+04	4.210E+05	-2.143E-02	-5.666E-03
740	4	228.30	14	1.183E+03	-3.690E+03	6.169E+02	5.616E+03	-4.830E+04	4.210E+05	-2.143E-02	-5.686E-03
740	4	228.30	15	1.183E+03	-3.688E+03	-4.605E+02	-5.628E+03	3.369E+04	4.211E+05	-2.143E-02	3.453E-03
740	4	228.30	16	1.183E+03	-3.688E+03	-4.581E+02	-5.384E+03	3.350E+04	4.211E+05	-2.143E-02	3.432E-03
740	5	304.40	1	1.375E+03	-7.378E+03	4.581E+02	5.384E+03	-7.128E+04	-1.045E+02	-1.184E-10	-2.102E-09
740	5	304.40	2	1.375E+03	-7.378E+03	4.605E+02	5.628E+03	-7.166E+04	-1.051E+02	-1.184E-10	-2.105E-09
740	5	304.40	3	1.375E+03	-7.377E+03	-6.169E+02	-5.616E+03	9.233E+04	7.631E+01	-1.181E-10	2.031E-09
740	5	304.40	4	1.375E+03	-7.377E+03	-6.145E+02	-5.372E+03	9.195E+04	7.571E+01	-1.181E-10	2.028E-09
740	5	304.40	5	1.375E+03	-7.379E+03	6.145E+02	5.372E+03	-9.509E+04	-1.213E+02	-1.184E-10	-1.939E-09
740	5	304.40	6	1.375E+03	-7.379E+03	6.169E+02	5.616E+03	-9.546E+04	-1.219E+02	-1.184E-10	-1.942E-09
740	5	304.40	7	1.375E+03	-7.377E+03	-4.605E+02	-5.628E+03	6.852E+04	5.955E+01	-1.180E-10	2.194E-09
740	5	304.40	8	1.375E+03	-7.377E+03	-4.581E+02	-5.384E+03	6.815E+04	5.896E+01	-1.180E-10	2.191E-09
740	5	304.40	9	1.183E+03	-7.378E+03	4.581E+02	5.384E+03	-7.107E+04	-1.014E+02	-1.185E-10	-2.115E-09
740	5	304.40	10	1.183E+03	-7.378E+03	4.605E+02	5.628E+03	-7.145E+04	-1.020E+02	-1.185E-10	-2.118E-09
740	5	304.40	11	1.183E+03	-7.377E+03	-6.169E+02	-5.616E+03	9.254E+04	7.946E+01	-1.181E-10	2.018E-09
740	5	304.40	12	1.183E+03	-7.377E+03	-6.145E+02	-5.372E+03	9.216E+04	7.887E+01	-1.181E-10	2.015E-09
740	5	304.40	13	1.183E+03	-7.379E+03	6.145E+02	5.372E+03	-9.488E+04	-1.181E+02	-1.184E-10	-1.952E-09
740	5	304.40	14	1.183E+03	-7.379E+03	6.169E+02	5.616E+03	-9.525E+04	-1.187E+02	-1.184E-10	-1.955E-09
740	5	304.40	15	1.183E+03	-7.377E+03	-4.605E+02	-5.628E+03	6.874E+04	6.271E+01	-1.180E-10	2.180E-09
740	5	304.40	16	1.183E+03	-7.377E+03	-4.581E+02	-5.384E+03	6.836E+04	6.211E+01	-1.180E-10	2.178E-09
741	1	0.00	1	1.196E+03	7.379E+03	-7.656E+02	-3.370E+03	-1.152E+05	-1.028E+02	0.000E+00	0.000E+00
741	1	0.00	2	1.196E+03	7.379E+03	-7.634E+02	-3.102E+03	-1.149E+05	-1.023E+02	0.000E+00	0.000E+00
741	1	0.00	3	1.196E+03	7.377E+03	6.070E+02	3.096E+03	9.366E+04	1.246E+02	0.000E+00	0.000E+00
741	1	0.00	4	1.196E+03	7.377E+03	6.092E+02	3.364E+03	9.400E+04	1.251E+02	0.000E+00	0.000E+00
741	1	0.00	5	1.196E+03	7.379E+03	-6.092E+02	-3.364E+03	-9.144E+04	-8.600E+01	0.000E+00	0.000E+00
741	1	0.00	6	1.196E+03	7.379E+03	-6.070E+02	-3.096E+03	-9.111E+04	-8.554E+01	0.000E+00	0.000E+00
741	1	0.00	7	1.196E+03	7.377E+03	7.634E+02	3.102E+03	1.175E+05	1.414E+02	0.000E+00	0.000E+00
741	1	0.00	8	1.196E+03	7.377E+03	7.656E+02	3.370E+03	1.178E+05	1.419E+02	0.000E+00	0.000E+00
741	1	0.00	9	1.404E+03	7.379E+03	-7.656E+02	-3.370E+03	-1.150E+05	-9.933E+01	0.000E+00	0.000E+00
741	1	0.00	10	1.404E+03	7.379E+03	-7.634E+02	-3.102E+03	-1.147E+05	-9.886E+01	0.000E+00	0.000E+00
741	1	0.00	11	1.404E+03	7.377E+03	6.070E+02	3.096E+03	9.389E+04	1.281E+02	0.000E+00	0.000E+00
741	1	0.00	12	1.404E+03	7.377E+03	6.092E+02	3.364E+03	9.423E+04	1.285E+02	0.000E+00	0.000E+00
741	1	0.00	13	1.404E+03	7.379E+03	-6.092E+02	-3.364E+03	-9.121E+04	-8.258E+01	0.000E+00	0.000E+00
741	1	0.00	14	1.404E+03	7.379E+03	-6.070E+02	-3.096E+03	-9.088E+04	-8.211E+01	0.000E+00	0.000E+00
741	1	0.00	15	1.404E+03	7.377E+03	7.634E+02	3.102E+03	1.177E+05	1.448E+02	0.000E+00	0.000E+00
741	1	0.00	16	1.404E+03	7.377E+03	7.656E+02	3.370E+03	1.180E+05	1.453E+02	0.000E+00	0.000E+00
741	2	76.10	1	1.196E+03	3.690E+03	-7.656E+02	-3.370E+03	-5.698E+04	4.211E+05	-2.143E-02	-6.068E-03
741	2	76.10	2	1.196E+03	3.690E+03	-7.634E+02	-3.102E+03	-5.682E+04	4.211E+05	-2.143E-02	-6.049E-03
741	2	76.10	3	1.196E+03	3.688E+03	6.070E+02	3.096E+03	4.747E+04	4.212E+05	-2.143E-02	5.576E-03
741	2	76.10	4	1.196E+03	3.688E+03	6.092E+02	3.364E+03	4.764E+04	4.212E+05	-2.143E-02	5.594E-03
741	2	76.10	5	1.196E+03	3.690E+03	-6.092E+02	-3.364E+03	-4.508E+04	4.211E+05	-2.143E-02	-4.741E-03
741	2	76.10	6	1.196E+03	3.690E+03	-6.070E+02	-3.096E+03	-4.492E+04	4.211E+05	-2.143E-02	-4.722E-03
741	2	76.10	7	1.196E+03	3.688E+03	7.634E+02	3.102E+03	5.937E+04	4.212E+05	-2.143E-02	6.902E-03
741	2	76.10	8	1.196E+03	3.688E+03	7.656E+02	3.370E+03	5.954E+04	4.212E+05	-2.143E-02	6.921E-03
741	2	76.10	9	1.404E+03	3.690E+03	-7.656E+02	-3.370E+03	-5.675E+04	4.211E+05	-2.143E-02	-5.991E-03
741	2	76.10	10	1.404E+03	3.690E+03	-7.634E+02	-3.102E+03	-5.659E+04	4.211E+05	-2.143E-02	-5.972E-03
741	2	76.10	11	1.404E+03	3.688E+03	6.070E+02	3.096E+03	4.770E+04	4.212E+05	-2.143E-02	5.653E-03
741	2	76.10	12	1.404E+03	3.688E+03	6.092E+02	3.364E+03	4.787E+04	4.212E+05	-2.143E-02	5.671E-03
741	2	76.10	13	1.404E+03	3.690E+03	-6.092E+02	-3.364E+03	-4.485E+04	4.211E+05	-2.143E-02	-4.664E-03
741	2	76.10	14	1.404E+03	3.690E+03	-6.070E+02	-3.096E+03	-4.469E+04	4.211E+05	-2.143E-02	-4.645E-03
741	2	76.10	15	1.404E+03	3.688E+03	7.634E+02	3.102E+03	5.960E+04	4.212E+05	-2.143E-02	6.979E-03
741	2	76.10	16	1.404E+03	3.688E+03	7.656E+02	3.370E+03	5.977E+04	4.212E+05	-2.143E-02	6.998E-03
741	3	152.20	1	1.196E+03	8.037E-01	-7.656E+02	-3.370E+03	1.276E+03	5.615E+05	-2.990E-02	5.690E-04

741	3	152.20	2	1.196E+03	8.006E-01	-7.634E+02	-3.102E+03	1.276E+03	5.615E+05	-2.990E-02	5.690E-04
741	3	152.20	3	1.196E+03	-6.905E-01	6.070E+02	3.096E+03	1.276E+03	5.615E+05	-2.990E-02	5.690E-04
741	3	152.20	4	1.196E+03	-6.936E-01	6.092E+02	3.364E+03	1.276E+03	5.615E+05	-2.990E-02	5.690E-04
741	3	152.20	5	1.196E+03	6.936E-01	-6.092E+02	-3.364E+03	1.276E+03	5.615E+05	-2.990E-02	5.690E-04
741	3	152.20	6	1.196E+03	6.905E-01	-6.070E+02	-3.096E+03	1.276E+03	5.615E+05	-2.990E-02	5.690E-04
741	3	152.20	7	1.196E+03	-8.006E-01	7.634E+02	3.102E+03	1.276E+03	5.615E+05	-2.990E-02	5.690E-04
741	3	152.20	8	1.196E+03	-8.037E-01	7.656E+02	3.370E+03	1.276E+03	5.615E+05	-2.990E-02	5.690E-04
741	3	152.20	9	1.404E+03	8.037E-01	-7.656E+02	-3.370E+03	1.506E+03	5.615E+05	-2.990E-02	6.716E-04
741	3	152.20	10	1.404E+03	8.006E-01	-7.634E+02	-3.102E+03	1.506E+03	5.615E+05	-2.990E-02	6.716E-04
741	3	152.20	11	1.404E+03	-6.905E-01	6.070E+02	3.096E+03	1.506E+03	5.615E+05	-2.990E-02	6.716E-04
741	3	152.20	12	1.404E+03	-6.936E-01	6.092E+02	3.364E+03	1.506E+03	5.615E+05	-2.990E-02	6.716E-04
741	3	152.20	13	1.404E+03	6.936E-01	-6.092E+02	-3.364E+03	1.506E+03	5.615E+05	-2.990E-02	6.716E-04
741	3	152.20	14	1.404E+03	6.905E-01	-6.070E+02	-3.096E+03	1.506E+03	5.615E+05	-2.990E-02	6.716E-04
741	3	152.20	15	1.404E+03	-8.006E-01	7.634E+02	3.102E+03	1.506E+03	5.615E+05	-2.990E-02	6.716E-04
741	3	152.20	16	1.404E+03	-8.037E-01	7.656E+02	3.370E+03	1.506E+03	5.615E+05	-2.990E-02	6.716E-04
741	4	228.30	1	1.196E+03	-3.688E+03	-7.656E+02	-3.370E+03	5.954E+04	4.212E+05	-2.143E-02	6.921E-03
741	4	228.30	2	1.196E+03	-3.688E+03	-7.634E+02	-3.102E+03	5.937E+04	4.212E+05	-2.143E-02	6.902E-03
741	4	228.30	3	1.196E+03	-3.690E+03	6.070E+02	3.096E+03	-4.492E+04	4.211E+05	-2.143E-02	-4.722E-03
741	4	228.30	4	1.196E+03	-3.690E+03	6.092E+02	3.364E+03	-4.508E+04	4.211E+05	-2.143E-02	-4.741E-03
741	4	228.30	5	1.196E+03	-3.688E+03	-6.092E+02	-3.364E+03	4.764E+04	4.212E+05	-2.143E-02	5.594E-03
741	4	228.30	6	1.196E+03	-3.688E+03	-6.070E+02	-3.096E+03	4.747E+04	4.212E+05	-2.143E-02	5.576E-03
741	4	228.30	7	1.196E+03	-3.690E+03	7.634E+02	3.102E+03	-5.682E+04	4.211E+05	-2.143E-02	-6.049E-03
741	4	228.30	8	1.196E+03	-3.690E+03	7.656E+02	3.370E+03	-5.698E+04	4.211E+05	-2.143E-02	-6.068E-03
741	4	228.30	9	1.404E+03	-3.688E+03	-7.656E+02	-3.370E+03	5.977E+04	4.212E+05	-2.143E-02	6.998E-03
741	4	228.30	10	1.404E+03	-3.688E+03	-7.634E+02	-3.102E+03	5.960E+04	4.212E+05	-2.143E-02	6.979E-03
741	4	228.30	11	1.404E+03	-3.690E+03	6.070E+02	3.096E+03	-4.469E+04	4.211E+05	-2.143E-02	-4.645E-03
741	4	228.30	12	1.404E+03	-3.690E+03	6.092E+02	3.364E+03	-4.485E+04	4.211E+05	-2.143E-02	-4.664E-03
741	4	228.30	13	1.404E+03	-3.688E+03	-6.092E+02	-3.364E+03	4.787E+04	4.212E+05	-2.143E-02	5.671E-03
741	4	228.30	14	1.404E+03	-3.688E+03	-6.070E+02	-3.096E+03	4.770E+04	4.212E+05	-2.143E-02	5.653E-03
741	4	228.30	15	1.404E+03	-3.690E+03	7.634E+02	3.102E+03	-5.659E+04	4.211E+05	-2.143E-02	-5.972E-03
741	4	228.30	16	1.404E+03	-3.690E+03	7.656E+02	3.370E+03	-5.675E+04	4.211E+05	-2.143E-02	-5.991E-03
741	5	304.40	1	1.196E+03	-7.377E+03	-7.656E+02	-3.370E+03	1.178E+05	1.419E+02	-9.497E-10	4.643E-09
741	5	304.40	2	1.196E+03	-7.377E+03	-7.634E+02	-3.102E+03	1.175E+05	1.414E+02	-9.497E-10	4.650E-09
741	5	304.40	3	1.196E+03	-7.379E+03	6.070E+02	3.096E+03	-9.111E+04	-8.554E+01	-9.501E-10	-3.585E-09
741	5	304.40	4	1.196E+03	-7.379E+03	6.092E+02	3.364E+03	-9.144E+04	-8.600E+01	-9.501E-10	-3.578E-09
741	5	304.40	5	1.196E+03	-7.377E+03	-6.092E+02	-3.364E+03	9.400E+04	1.251E+02	-9.497E-10	3.811E-09
741	5	304.40	6	1.196E+03	-7.377E+03	-6.070E+02	-3.096E+03	9.366E+04	1.246E+02	-9.497E-10	3.819E-09
741	5	304.40	7	1.196E+03	-7.379E+03	7.634E+02	3.102E+03	-1.149E+05	-1.023E+02	-9.501E-10	-4.416E-09
741	5	304.40	8	1.196E+03	-7.379E+03	7.656E+02	3.370E+03	-1.152E+05	-1.028E+02	-9.501E-10	-4.409E-09
741	5	304.40	9	1.404E+03	-7.377E+03	-7.656E+02	-3.370E+03	1.180E+05	1.453E+02	-9.497E-10	4.604E-09
741	5	304.40	10	1.404E+03	-7.377E+03	-7.634E+02	-3.102E+03	1.177E+05	1.448E+02	-9.497E-10	4.612E-09
741	5	304.40	11	1.404E+03	-7.379E+03	6.070E+02	3.096E+03	-9.088E+04	-8.211E+01	-9.501E-10	-3.623E-09
741	5	304.40	12	1.404E+03	-7.379E+03	6.092E+02	3.364E+03	-9.121E+04	-8.258E+01	-9.501E-10	-3.616E-09
741	5	304.40	13	1.404E+03	-7.377E+03	-6.092E+02	-3.364E+03	9.423E+04	1.285E+02	-9.497E-10	3.773E-09
741	5	304.40	14	1.404E+03	-7.377E+03	-6.070E+02	-3.096E+03	9.389E+04	1.281E+02	-9.497E-10	3.780E-09
741	5	304.40	15	1.404E+03	-7.379E+03	7.634E+02	3.102E+03	-1.147E+05	-9.886E+01	-9.500E-10	-4.455E-09
741	5	304.40	16	1.404E+03	-7.379E+03	7.656E+02	3.370E+03	-1.150E+05	-9.933E+01	-9.500E-10	-4.447E-09
742	1	0.00	1	-3.723E+02	9.601E+03	-5.901E+02	-3.443E+03	-9.007E+04	-9.003E+01	0.000E+00	0.000E+00
742	1	0.00	2	-3.723E+02	9.601E+03	-5.895E+02	-3.170E+03	-8.999E+04	-8.994E+01	0.000E+00	0.000E+00
742	1	0.00	3	-3.723E+02	9.600E+03	4.097E+02	3.167E+03	6.210E+04	6.254E+01	0.000E+00	0.000E+00
742	1	0.00	4	-3.723E+02	9.600E+03	4.102E+02	3.440E+03	6.218E+04	6.263E+01	0.000E+00	0.000E+00
742	1	0.00	5	-3.723E+02	9.600E+03	-4.102E+02	-3.440E+03	-6.269E+04	-6.323E+01	0.000E+00	0.000E+00
742	1	0.00	6	-3.723E+02	9.600E+03	-4.097E+02	-3.167E+03	-6.261E+04	-6.313E+01	0.000E+00	0.000E+00
742	1	0.00	7	-3.723E+02	9.599E+03	5.895E+02	3.170E+03	8.947E+04	8.934E+01	0.000E+00	0.000E+00
742	1	0.00	8	-3.723E+02	9.599E+03	5.901E+02	3.443E+03	8.956E+04	8.944E+01	0.000E+00	0.000E+00
742	1	0.00	9	-4.361E+02	9.601E+03	-5.901E+02	-3.443E+03	-9.010E+04	-9.007E+01	0.000E+00	0.000E+00
742	1	0.00	10	-4.361E+02	9.601E+03	-5.895E+02	-3.170E+03	-9.002E+04	-8.998E+01	0.000E+00	0.000E+00
742	1	0.00	11	-4.361E+02	9.600E+03	4.097E+02	3.167E+03	6.206E+04	6.250E+01	0.000E+00	0.000E+00
742	1	0.00	12	-4.361E+02	9.600E+03	4.102E+02	3.440E+03	6.215E+04	6.259E+01	0.000E+00	0.000E+00
742	1	0.00	13	-4.361E+02	9.600E+03	-4.102E+02	-3.440E+03	-6.273E+04	-6.327E+01	0.000E+00	0.000E+00
742	1	0.00	14	-4.361E+02	9.600E+03	-4.097E+02	-3.167E+03	-6.264E+04	-6.317E+01	0.000E+00	0.000E+00
742	1	0.00	15	-4.361E+02	9.599E+03	5.895E+02	3.170E+03	8.944E+04	8.930E+01	0.000E+00	0.000E+00

742	1	0.00	16	-4.361E+02	9.599E+03	5.901E+02	3.443E+03	8.952E+04	8.940E+01	0.000E+00	0.000E+00
742	2	76.10	1	-3.723E+02	4.801E+03	-5.901E+02	-3.443E+03	-4.516E+04	5.479E+05	-2.788E-02	-5.092E-03
742	2	76.10	2	-3.723E+02	4.801E+03	-5.895E+02	-3.170E+03	-4.512E+04	5.479E+05	-2.788E-02	-5.087E-03
742	2	76.10	3	-3.723E+02	4.800E+03	4.097E+02	3.167E+03	3.092E+04	5.480E+05	-2.788E-02	3.389E-03
742	2	76.10	4	-3.723E+02	4.800E+03	4.102E+02	3.440E+03	3.096E+04	5.480E+05	-2.788E-02	3.394E-03
742	2	76.10	5	-3.723E+02	4.800E+03	-4.102E+02	-3.440E+03	-3.148E+04	5.479E+05	-2.788E-02	-3.566E-03
742	2	76.10	6	-3.723E+02	4.800E+03	-4.097E+02	-3.167E+03	-3.143E+04	5.479E+05	-2.788E-02	-3.561E-03
742	2	76.10	7	-3.723E+02	4.799E+03	5.895E+02	3.170E+03	4.461E+04	5.480E+05	-2.788E-02	4.915E-03
742	2	76.10	8	-3.723E+02	4.799E+03	5.901E+02	3.443E+03	4.465E+04	5.480E+05	-2.788E-02	4.920E-03
742	2	76.10	9	-4.361E+02	4.801E+03	-5.901E+02	-3.443E+03	-4.520E+04	5.479E+05	-2.788E-02	-5.103E-03
742	2	76.10	10	-4.361E+02	4.801E+03	-5.895E+02	-3.170E+03	-4.516E+04	5.479E+05	-2.788E-02	-5.098E-03
742	2	76.10	11	-4.361E+02	4.800E+03	4.097E+02	3.167E+03	3.089E+04	5.480E+05	-2.788E-02	3.378E-03
742	2	76.10	12	-4.361E+02	4.800E+03	4.102E+02	3.440E+03	3.093E+04	5.480E+05	-2.788E-02	3.383E-03
742	2	76.10	13	-4.361E+02	4.800E+03	-4.102E+02	-3.440E+03	-3.151E+04	5.479E+05	-2.788E-02	-3.577E-03
742	2	76.10	14	-4.361E+02	4.800E+03	-4.097E+02	-3.167E+03	-3.147E+04	5.479E+05	-2.788E-02	-3.573E-03
742	2	76.10	15	-4.361E+02	4.799E+03	5.895E+02	3.170E+03	4.457E+04	5.480E+05	-2.788E-02	4.904E-03
742	2	76.10	16	-4.361E+02	4.799E+03	5.901E+02	3.443E+03	4.462E+04	5.480E+05	-2.788E-02	4.908E-03
742	3	152.20	1	-3.723E+02	5.896E-01	-5.901E+02	-3.443E+03	-2.568E+02	7.306E+05	-3.891E-02	-1.145E-04
742	3	152.20	2	-3.723E+02	5.890E-01	-5.895E+02	-3.170E+03	-2.568E+02	7.306E+05	-3.891E-02	-1.145E-04
742	3	152.20	3	-3.723E+02	-4.128E-01	4.097E+02	3.167E+03	-2.568E+02	7.306E+05	-3.891E-02	-1.145E-04
742	3	152.20	4	-3.723E+02	-4.135E-01	4.102E+02	3.440E+03	-2.568E+02	7.306E+05	-3.891E-02	-1.145E-04
742	3	152.20	5	-3.723E+02	4.135E-01	-4.102E+02	-3.440E+03	-2.568E+02	7.306E+05	-3.891E-02	-1.145E-04
742	3	152.20	6	-3.723E+02	4.128E-01	-4.097E+02	-3.167E+03	-2.568E+02	7.306E+05	-3.891E-02	-1.145E-04
742	3	152.20	7	-3.723E+02	-5.890E-01	5.895E+02	3.170E+03	-2.568E+02	7.306E+05	-3.891E-02	-1.145E-04
742	3	152.20	8	-3.723E+02	-5.896E-01	5.901E+02	3.443E+03	-2.568E+02	7.306E+05	-3.891E-02	-1.145E-04
742	3	152.20	9	-4.361E+02	5.896E-01	-5.901E+02	-3.443E+03	-2.909E+02	7.306E+05	-3.891E-02	-1.297E-04
742	3	152.20	10	-4.361E+02	5.890E-01	-5.895E+02	-3.170E+03	-2.909E+02	7.306E+05	-3.891E-02	-1.297E-04
742	3	152.20	11	-4.361E+02	-4.128E-01	4.097E+02	3.167E+03	-2.909E+02	7.306E+05	-3.891E-02	-1.297E-04
742	3	152.20	12	-4.361E+02	-4.135E-01	4.102E+02	3.440E+03	-2.909E+02	7.306E+05	-3.891E-02	-1.297E-04
742	3	152.20	13	-4.361E+02	4.135E-01	-4.102E+02	-3.440E+03	-2.909E+02	7.306E+05	-3.891E-02	-1.297E-04
742	3	152.20	14	-4.361E+02	4.128E-01	-4.097E+02	-3.167E+03	-2.909E+02	7.306E+05	-3.891E-02	-1.297E-04
742	3	152.20	15	-4.361E+02	-5.890E-01	5.895E+02	3.170E+03	-2.909E+02	7.306E+05	-3.891E-02	-1.297E-04
742	3	152.20	16	-4.361E+02	-5.896E-01	5.901E+02	3.443E+03	-2.909E+02	7.306E+05	-3.891E-02	-1.297E-04
742	4	228.30	1	-3.723E+02	-4.799E+03	-5.901E+02	-3.443E+03	4.465E+04	5.480E+05	-2.788E-02	4.920E-03
742	4	228.30	2	-3.723E+02	-4.799E+03	-5.895E+02	-3.170E+03	4.461E+04	5.480E+05	-2.788E-02	4.915E-03
742	4	228.30	3	-3.723E+02	-4.800E+03	4.097E+02	3.167E+03	-3.143E+04	5.479E+05	-2.788E-02	-3.561E-03
742	4	228.30	4	-3.723E+02	-4.800E+03	4.102E+02	3.440E+03	-3.148E+04	5.479E+05	-2.788E-02	-3.566E-03
742	4	228.30	5	-3.723E+02	-4.800E+03	-4.102E+02	-3.440E+03	3.096E+04	5.480E+05	-2.788E-02	3.394E-03
742	4	228.30	6	-3.723E+02	-4.800E+03	-4.097E+02	-3.167E+03	3.092E+04	5.480E+05	-2.788E-02	3.389E-03
742	4	228.30	7	-3.723E+02	-4.801E+03	5.895E+02	3.170E+03	-4.512E+04	5.479E+05	-2.788E-02	-5.087E-03
742	4	228.30	8	-3.723E+02	-4.801E+03	5.901E+02	3.443E+03	-4.516E+04	5.479E+05	-2.788E-02	-5.092E-03
742	4	228.30	9	-4.361E+02	-4.799E+03	-5.901E+02	-3.443E+03	4.462E+04	5.480E+05	-2.788E-02	4.908E-03
742	4	228.30	10	-4.361E+02	-4.799E+03	-5.895E+02	-3.170E+03	4.457E+04	5.480E+05	-2.788E-02	4.904E-03
742	4	228.30	11	-4.361E+02	-4.800E+03	4.097E+02	3.167E+03	-3.147E+04	5.479E+05	-2.788E-02	-3.573E-03
742	4	228.30	12	-4.361E+02	-4.800E+03	4.102E+02	3.440E+03	-3.151E+04	5.479E+05	-2.788E-02	-3.577E-03
742	4	228.30	13	-4.361E+02	-4.800E+03	-4.102E+02	-3.440E+03	3.093E+04	5.480E+05	-2.788E-02	3.383E-03
742	4	228.30	14	-4.361E+02	-4.800E+03	-4.097E+02	-3.167E+03	3.089E+04	5.480E+05	-2.788E-02	3.378E-03
742	4	228.30	15	-4.361E+02	-4.801E+03	5.895E+02	3.170E+03	-4.516E+04	5.479E+05	-2.788E-02	-5.098E-03
742	4	228.30	16	-4.361E+02	-4.801E+03	5.901E+02	3.443E+03	-4.520E+04	5.479E+05	-2.788E-02	-5.103E-03
742	5	304.40	1	-3.723E+02	-9.599E+03	-5.901E+02	-3.443E+03	8.956E+04	8.944E+01	1.916E-09	1.413E-09
742	5	304.40	2	-3.723E+02	-9.599E+03	-5.895E+02	-3.170E+03	8.947E+04	8.934E+01	1.916E-09	1.412E-09
742	5	304.40	3	-3.723E+02	-9.600E+03	4.097E+02	3.167E+03	-6.261E+04	-6.313E+01	1.917E-09	-2.412E-09
742	5	304.40	4	-3.723E+02	-9.600E+03	4.102E+02	3.440E+03	-6.269E+04	-6.323E+01	1.917E-09	-2.413E-09
742	5	304.40	5	-3.723E+02	-9.600E+03	-4.102E+02	-3.440E+03	6.218E+04	6.263E+01	1.916E-09	2.434E-09
742	5	304.40	6	-3.723E+02	-9.600E+03	-4.097E+02	-3.167E+03	6.210E+04	6.254E+01	1.916E-09	2.432E-09
742	5	304.40	7	-3.723E+02	-9.601E+03	5.895E+02	3.170E+03	-8.999E+04	-8.994E+01	1.917E-09	-1.391E-09
742	5	304.40	8	-3.723E+02	-9.601E+03	5.901E+02	3.443E+03	-9.007E+04	-9.003E+01	1.917E-09	-1.393E-09
742	5	304.40	9	-4.361E+02	-9.599E+03	-5.901E+02	-3.443E+03	8.952E+04	8.940E+01	1.916E-09	1.408E-09
742	5	304.40	10	-4.361E+02	-9.599E+03	-5.895E+02	-3.170E+03	8.944E+04	8.930E+01	1.916E-09	1.406E-09
742	5	304.40	11	-4.361E+02	-9.600E+03	4.097E+02	3.167E+03	-6.264E+04	-6.317E+01	1.917E-09	-2.417E-09
742	5	304.40	12	-4.361E+02	-9.600E+03	4.102E+02	3.440E+03	-6.273E+04	-6.327E+01	1.917E-09	-2.419E-09
742	5	304.40	13	-4.361E+02	-9.600E+03	-4.102E+02	-3.440E+03	6.215E+04	6.259E+01	1.916E-09	2.428E-09

742	5	304.40	14	-4.361E+02	-9.600E+03	-4.097E+02	-3.167E+03	6.206E+04	6.250E+01	1.916E-09	2.427E-09
742	5	304.40	15	-4.361E+02	-9.601E+03	5.895E+02	3.170E+03	-9.002E+04	-8.998E+01	1.917E-09	-1.397E-09
742	5	304.40	16	-4.361E+02	-9.601E+03	5.901E+02	3.443E+03	-9.010E+04	-9.007E+01	1.917E-09	-1.398E-09
743	1	0.00	1	9.176E+01	1.071E+04	3.353E+01	-3.466E+03	5.032E+03	4.915E+00	0.000E+00	0.000E+00
743	1	0.00	2	9.176E+01	1.071E+04	3.040E+01	-3.190E+03	4.556E+03	4.448E+00	0.000E+00	0.000E+00
743	1	0.00	3	9.176E+01	1.071E+04	-2.179E+02	3.193E+03	-3.324E+04	-3.261E+01	0.000E+00	0.000E+00
743	1	0.00	4	9.176E+01	1.071E+04	-2.211E+02	3.468E+03	-3.372E+04	-3.307E+01	0.000E+00	0.000E+00
743	1	0.00	5	9.176E+01	1.071E+04	2.211E+02	-3.468E+03	3.358E+04	3.290E+01	0.000E+00	0.000E+00
743	1	0.00	6	9.176E+01	1.071E+04	2.179E+02	-3.193E+03	3.310E+04	3.243E+01	0.000E+00	0.000E+00
743	1	0.00	7	9.176E+01	1.071E+04	-3.040E+01	3.190E+03	-4.697E+03	-4.624E+00	0.000E+00	0.000E+00
743	1	0.00	8	9.176E+01	1.071E+04	-3.353E+01	3.466E+03	-5.173E+03	-5.091E+00	0.000E+00	0.000E+00
743	1	0.00	9	8.994E+01	1.071E+04	3.353E+01	-3.466E+03	5.038E+03	4.920E+00	0.000E+00	0.000E+00
743	1	0.00	10	8.994E+01	1.071E+04	3.040E+01	-3.190E+03	4.562E+03	4.453E+00	0.000E+00	0.000E+00
743	1	0.00	11	8.994E+01	1.071E+04	-2.179E+02	3.193E+03	-3.323E+04	-3.260E+01	0.000E+00	0.000E+00
743	1	0.00	12	8.994E+01	1.071E+04	-2.211E+02	3.468E+03	-3.371E+04	-3.307E+01	0.000E+00	0.000E+00
743	1	0.00	13	8.994E+01	1.071E+04	2.211E+02	-3.468E+03	3.358E+04	3.290E+01	0.000E+00	0.000E+00
743	1	0.00	14	8.994E+01	1.071E+04	2.179E+02	-3.193E+03	3.311E+04	3.244E+01	0.000E+00	0.000E+00
743	1	0.00	15	8.994E+01	1.071E+04	-3.040E+01	3.190E+03	-4.691E+03	-4.618E+00	0.000E+00	0.000E+00
743	1	0.00	16	8.994E+01	1.071E+04	-3.353E+01	3.466E+03	-5.168E+03	-5.085E+00	0.000E+00	0.000E+00
743	2	76.10	1	9.176E+01	5.356E+03	3.353E+01	-3.466E+03	2.481E+03	6.113E+05	-3.111E-02	2.608E-04
743	2	76.10	2	9.176E+01	5.356E+03	3.040E+01	-3.190E+03	2.243E+03	6.113E+05	-3.111E-02	2.343E-04
743	2	76.10	3	9.176E+01	5.356E+03	-2.179E+02	3.193E+03	-1.666E+04	6.113E+05	-3.111E-02	-1.872E-03
743	2	76.10	4	9.176E+01	5.356E+03	-2.211E+02	3.468E+03	-1.689E+04	6.113E+05	-3.111E-02	-1.899E-03
743	2	76.10	5	9.176E+01	5.355E+03	2.211E+02	-3.468E+03	1.675E+04	6.114E+05	-3.111E-02	1.852E-03
743	2	76.10	6	9.176E+01	5.355E+03	2.179E+02	-3.193E+03	1.651E+04	6.114E+05	-3.111E-02	1.825E-03
743	2	76.10	7	9.176E+01	5.356E+03	-3.040E+01	3.190E+03	-2.384E+03	6.113E+05	-3.111E-02	-2.814E-04
743	2	76.10	8	9.176E+01	5.356E+03	-3.353E+01	3.466E+03	-2.622E+03	6.113E+05	-3.111E-02	-3.080E-04
743	2	76.10	9	8.994E+01	5.356E+03	3.353E+01	-3.466E+03	2.487E+03	6.113E+05	-3.111E-02	2.627E-04
743	2	76.10	10	8.994E+01	5.356E+03	3.040E+01	-3.190E+03	2.248E+03	6.113E+05	-3.111E-02	2.362E-04
743	2	76.10	11	8.994E+01	5.356E+03	-2.179E+02	3.193E+03	-1.665E+04	6.113E+05	-3.111E-02	-1.870E-03
743	2	76.10	12	8.994E+01	5.356E+03	-2.211E+02	3.468E+03	-1.689E+04	6.113E+05	-3.111E-02	-1.897E-03
743	2	76.10	13	8.994E+01	5.355E+03	2.211E+02	-3.468E+03	1.676E+04	6.114E+05	-3.111E-02	1.854E-03
743	2	76.10	14	8.994E+01	5.355E+03	2.179E+02	-3.193E+03	1.652E+04	6.114E+05	-3.111E-02	1.827E-03
743	2	76.10	15	8.994E+01	5.356E+03	-3.040E+01	3.190E+03	-2.378E+03	6.113E+05	-3.111E-02	-2.795E-04
743	2	76.10	16	8.994E+01	5.356E+03	-3.353E+01	3.466E+03	-2.616E+03	6.113E+05	-3.111E-02	-3.061E-04
743	3	152.20	1	9.176E+01	-3.287E-02	3.353E+01	-3.466E+03	-7.044E+01	8.151E+05	-4.341E-02	-3.141E-05
743	3	152.20	2	9.176E+01	-2.980E-02	3.040E+01	-3.190E+03	-7.044E+01	8.151E+05	-4.341E-02	-3.141E-05
743	3	152.20	3	9.176E+01	2.137E-01	-2.179E+02	3.193E+03	-7.044E+01	8.151E+05	-4.341E-02	-3.141E-05
743	3	152.20	4	9.176E+01	2.167E-01	-2.211E+02	3.468E+03	-7.044E+01	8.151E+05	-4.341E-02	-3.141E-05
743	3	152.20	5	9.176E+01	-2.167E-01	2.211E+02	-3.468E+03	-7.044E+01	8.151E+05	-4.341E-02	-3.141E-05
743	3	152.20	6	9.176E+01	-2.137E-01	2.179E+02	-3.193E+03	-7.044E+01	8.151E+05	-4.341E-02	-3.141E-05
743	3	152.20	7	9.176E+01	2.980E-02	-3.040E+01	3.190E+03	-7.044E+01	8.151E+05	-4.341E-02	-3.141E-05
743	3	152.20	8	9.176E+01	3.287E-02	-3.353E+01	3.466E+03	-7.044E+01	8.151E+05	-4.341E-02	-3.141E-05
743	3	152.20	9	8.994E+01	-3.287E-02	3.353E+01	-3.466E+03	-6.481E+01	8.151E+05	-4.341E-02	-2.890E-05
743	3	152.20	10	8.994E+01	-2.980E-02	3.040E+01	-3.190E+03	-6.481E+01	8.151E+05	-4.341E-02	-2.890E-05
743	3	152.20	11	8.994E+01	2.137E-01	-2.179E+02	3.193E+03	-6.481E+01	8.151E+05	-4.341E-02	-2.890E-05
743	3	152.20	12	8.994E+01	2.167E-01	-2.211E+02	3.468E+03	-6.481E+01	8.151E+05	-4.341E-02	-2.890E-05
743	3	152.20	13	8.994E+01	-2.167E-01	2.211E+02	-3.468E+03	-6.481E+01	8.151E+05	-4.341E-02	-2.890E-05
743	3	152.20	14	8.994E+01	-2.137E-01	2.179E+02	-3.193E+03	-6.481E+01	8.151E+05	-4.341E-02	-2.890E-05
743	3	152.20	15	8.994E+01	2.980E-02	-3.040E+01	3.190E+03	-6.481E+01	8.151E+05	-4.341E-02	-2.890E-05
743	3	152.20	16	8.994E+01	3.287E-02	-3.353E+01	3.466E+03	-6.481E+01	8.151E+05	-4.341E-02	-2.890E-05
743	4	228.30	1	9.176E+01	-5.356E+03	3.353E+01	-3.466E+03	-2.622E+03	6.113E+05	-3.111E-02	-3.080E-04
743	4	228.30	2	9.176E+01	-5.356E+03	3.040E+01	-3.190E+03	-2.384E+03	6.113E+05	-3.111E-02	-2.814E-04
743	4	228.30	3	9.176E+01	-5.355E+03	-2.179E+02	3.193E+03	1.651E+04	6.114E+05	-3.111E-02	1.825E-03
743	4	228.30	4	9.176E+01	-5.355E+03	-2.211E+02	3.468E+03	1.675E+04	6.114E+05	-3.111E-02	1.852E-03
743	4	228.30	5	9.176E+01	-5.356E+03	2.211E+02	-3.468E+03	-1.689E+04	6.113E+05	-3.111E-02	-1.899E-03
743	4	228.30	6	9.176E+01	-5.356E+03	2.179E+02	-3.193E+03	-1.666E+04	6.113E+05	-3.111E-02	-1.872E-03
743	4	228.30	7	9.176E+01	-5.356E+03	-3.040E+01	3.190E+03	2.243E+03	6.113E+05	-3.111E-02	2.343E-04
743	4	228.30	8	9.176E+01	-5.356E+03	-3.353E+01	3.466E+03	2.481E+03	6.113E+05	-3.111E-02	2.608E-04
743	4	228.30	9	8.994E+01	-5.356E+03	3.353E+01	-3.466E+03	-2.616E+03	6.113E+05	-3.111E-02	-3.061E-04
743	4	228.30	10	8.994E+01	-5.356E+03	3.040E+01	-3.190E+03	-2.378E+03	6.113E+05	-3.111E-02	-2.795E-04
743	4	228.30	11	8.994E+01	-5.355E+03	-2.179E+02	3.193E+03	1.652E+04	6.114E+05	-3.111E-02	1.827E-03

743	4	228.30	12	8.994E+01	-5.355E+03	-2.211E+02	3.468E+03	1.676E+04	6.114E+05	-3.111E-02	1.854E-03
743	4	228.30	13	8.994E+01	-5.356E+03	2.211E+02	-3.468E+03	-1.689E+04	6.113E+05	-3.111E-02	-1.897E-03
743	4	228.30	14	8.994E+01	-5.356E+03	2.179E+02	-3.193E+03	-1.665E+04	6.113E+05	-3.111E-02	-1.870E-03
743	4	228.30	15	8.994E+01	-5.356E+03	-3.040E+01	3.190E+03	2.248E+03	6.113E+05	-3.111E-02	2.362E-04
743	4	228.30	16	8.994E+01	-5.356E+03	-3.353E+01	3.466E+03	2.487E+03	6.113E+05	-3.111E-02	2.627E-04
743	5	304.40	1	9.176E+01	-1.071E+04	3.353E+01	-3.466E+03	-5.173E+03	-5.091E+00	1.932E-09	3.554E-10
743	5	304.40	2	9.176E+01	-1.071E+04	3.040E+01	-3.190E+03	-4.697E+03	-4.624E+00	1.932E-09	3.393E-10
743	5	304.40	3	9.176E+01	-1.071E+04	-2.179E+02	3.193E+03	3.310E+04	3.243E+01	1.932E-09	-9.578E-10
743	5	304.40	4	9.176E+01	-1.071E+04	-2.211E+02	3.468E+03	3.358E+04	3.290E+01	1.932E-09	-9.738E-10
743	5	304.40	5	9.176E+01	-1.071E+04	2.211E+02	-3.468E+03	-3.372E+04	-3.307E+01	1.932E-09	9.844E-10
743	5	304.40	6	9.176E+01	-1.071E+04	2.179E+02	-3.193E+03	-3.324E+04	-3.261E+01	1.932E-09	9.683E-10
743	5	304.40	7	9.176E+01	-1.071E+04	-3.040E+01	3.190E+03	4.556E+03	4.448E+00	1.932E-09	-3.288E-10
743	5	304.40	8	9.176E+01	-1.071E+04	-3.353E+01	3.466E+03	5.032E+03	4.915E+00	1.932E-09	-3.448E-10
743	5	304.40	9	8.994E+01	-1.071E+04	3.353E+01	-3.466E+03	-5.168E+03	-5.085E+00	1.932E-09	3.550E-10
743	5	304.40	10	8.994E+01	-1.071E+04	3.040E+01	-3.190E+03	-4.691E+03	-4.618E+00	1.932E-09	3.390E-10
743	5	304.40	11	8.994E+01	-1.071E+04	-2.179E+02	3.193E+03	3.311E+04	3.244E+01	1.932E-09	-9.581E-10
743	5	304.40	12	8.994E+01	-1.071E+04	-2.211E+02	3.468E+03	3.358E+04	3.290E+01	1.932E-09	-9.742E-10
743	5	304.40	13	8.994E+01	-1.071E+04	2.211E+02	-3.468E+03	-3.371E+04	-3.307E+01	1.932E-09	9.840E-10
743	5	304.40	14	8.994E+01	-1.071E+04	2.179E+02	-3.193E+03	-3.323E+04	-3.260E+01	1.932E-09	9.680E-10
743	5	304.40	15	8.994E+01	-1.071E+04	-3.040E+01	3.190E+03	4.562E+03	4.453E+00	1.932E-09	-3.291E-10
743	5	304.40	16	8.994E+01	-1.071E+04	-3.353E+01	3.466E+03	5.038E+03	4.920E+00	1.932E-09	-3.452E-10

FILE: astec007.bin

Caso di carico: 7 - SLU con SISMAY PRINC (1xC1 + 1xC2 + 1xC3 + 0.8xC5 + 0.3xSismaX + 1xSismaY)

Asta	Prog.	Dist. (cm)	Sest.	N (kN)	Ty (kN)	Tz (kN)	Mx (kNm)	My (kNm)	Mz (kNm)	freccia Y (cm)	freccia Z (cm)
1	1	0.00	1	-2.084E+05	7.115E+03	1.240E+04	0.000E+00	3.522E+06	-2.009E+06	0.000E+00	0.000E+00
1	1	0.00	2	-2.084E+05	7.115E+03	1.238E+04	0.000E+00	3.515E+06	-2.009E+06	0.000E+00	0.000E+00
1	1	0.00	3	-2.084E+05	-3.055E+03	1.240E+04	0.000E+00	3.522E+06	8.586E+05	0.000E+00	0.000E+00
1	1	0.00	4	-2.084E+05	-3.055E+03	1.238E+04	0.000E+00	3.515E+06	8.586E+05	0.000E+00	0.000E+00
1	1	0.00	5	-2.084E+05	7.115E+03	1.829E+04	0.000E+00	5.184E+06	-2.009E+06	0.000E+00	0.000E+00
1	1	0.00	6	-2.084E+05	7.115E+03	1.827E+04	0.000E+00	5.177E+06	-2.009E+06	0.000E+00	0.000E+00
1	1	0.00	7	-2.084E+05	-3.055E+03	1.829E+04	0.000E+00	5.184E+06	8.586E+05	0.000E+00	0.000E+00
1	1	0.00	8	-2.084E+05	-3.055E+03	1.827E+04	0.000E+00	5.177E+06	8.586E+05	0.000E+00	0.000E+00
1	1	0.00	9	-2.084E+05	7.115E+03	-1.827E+04	0.000E+00	-5.177E+06	-2.009E+06	0.000E+00	0.000E+00
1	1	0.00	10	-2.084E+05	7.115E+03	-1.829E+04	0.000E+00	-5.184E+06	-2.009E+06	0.000E+00	0.000E+00
1	1	0.00	11	-2.084E+05	-3.055E+03	-1.827E+04	0.000E+00	-5.177E+06	8.586E+05	0.000E+00	0.000E+00
1	1	0.00	12	-2.084E+05	-3.055E+03	-1.829E+04	0.000E+00	-5.184E+06	8.586E+05	0.000E+00	0.000E+00
1	1	0.00	13	-2.084E+05	7.115E+03	-1.238E+04	0.000E+00	-3.515E+06	-2.009E+06	0.000E+00	0.000E+00
1	1	0.00	14	-2.084E+05	7.115E+03	-1.240E+04	0.000E+00	-3.522E+06	-2.009E+06	0.000E+00	0.000E+00
1	1	0.00	15	-2.084E+05	-3.055E+03	-1.238E+04	0.000E+00	-3.515E+06	8.586E+05	0.000E+00	0.000E+00
1	1	0.00	16	-2.084E+05	-3.055E+03	-1.240E+04	0.000E+00	-3.522E+06	8.586E+05	0.000E+00	0.000E+00
1	2	68.75	1	-2.065E+05	7.115E+03	1.240E+04	0.000E+00	2.669E+06	-1.520E+06	3.779E-03	6.651E-03
1	2	68.75	2	-2.065E+05	7.115E+03	1.238E+04	0.000E+00	2.664E+06	-1.520E+06	3.779E-03	6.638E-03
1	2	68.75	3	-2.065E+05	-3.055E+03	1.240E+04	0.000E+00	2.669E+06	6.485E+05	-1.610E-03	6.651E-03
1	2	68.75	4	-2.065E+05	-3.055E+03	1.238E+04	0.000E+00	2.664E+06	6.485E+05	-1.610E-03	6.638E-03
1	2	68.75	5	-2.065E+05	7.115E+03	1.829E+04	0.000E+00	3.926E+06	-1.520E+06	3.779E-03	9.777E-03
1	2	68.75	6	-2.065E+05	7.115E+03	1.827E+04	0.000E+00	3.921E+06	-1.520E+06	3.779E-03	9.764E-03
1	2	68.75	7	-2.065E+05	-3.055E+03	1.829E+04	0.000E+00	3.926E+06	6.485E+05	-1.610E-03	9.777E-03
1	2	68.75	8	-2.065E+05	-3.055E+03	1.827E+04	0.000E+00	3.921E+06	6.485E+05	-1.610E-03	9.764E-03
1	2	68.75	9	-2.065E+05	7.115E+03	-1.827E+04	0.000E+00	-3.921E+06	-1.520E+06	3.779E-03	-9.764E-03
1	2	68.75	10	-2.065E+05	7.115E+03	-1.829E+04	0.000E+00	-3.926E+06	-1.520E+06	3.779E-03	-9.777E-03
1	2	68.75	11	-2.065E+05	-3.055E+03	-1.827E+04	0.000E+00	-3.921E+06	6.485E+05	-1.610E-03	-9.764E-03
1	2	68.75	12	-2.065E+05	-3.055E+03	-1.829E+04	0.000E+00	-3.926E+06	6.485E+05	-1.610E-03	-9.777E-03
1	2	68.75	13	-2.065E+05	7.115E+03	-1.238E+04	0.000E+00	-2.664E+06	-1.520E+06	3.779E-03	-6.638E-03
1	2	68.75	14	-2.065E+05	7.115E+03	-1.240E+04	0.000E+00	-2.669E+06	-1.520E+06	3.779E-03	-6.651E-03
1	2	68.75	15	-2.065E+05	-3.055E+03	-1.238E+04	0.000E+00	-2.664E+06	6.485E+05	-1.610E-03	-6.638E-03
1	2	68.75	16	-2.065E+05	-3.055E+03	-1.240E+04	0.000E+00	-2.669E+06	6.485E+05	-1.610E-03	-6.651E-03
1	3	137.50	1	-2.046E+05	7.115E+03	1.240E+04	0.000E+00	1.816E+06	-1.031E+06	4.350E-03	7.668E-03
1	3	137.50	2	-2.046E+05	7.115E+03	1.238E+04	0.000E+00	1.813E+06	-1.031E+06	4.350E-03	7.653E-03
1	3	137.50	3	-2.046E+05	-3.055E+03	1.240E+04	0.000E+00	1.816E+06	4.385E+05	-1.851E-03	7.668E-03
1	3	137.50	4	-2.046E+05	-3.055E+03	1.238E+04	0.000E+00	1.813E+06	4.385E+05	-1.851E-03	7.653E-03
1	3	137.50	5	-2.046E+05	7.115E+03	1.829E+04	0.000E+00	2.669E+06	-1.031E+06	4.350E-03	1.127E-02

1	3	137.50	6	-2.046E+05	7.115E+03	1.827E+04	0.000E+00	2.665E+06	-1.031E+06	4.350E-03	1.125E-02
1	3	137.50	7	-2.046E+05	-3.055E+03	1.829E+04	0.000E+00	2.669E+06	4.385E+05	-1.851E-03	1.127E-02
1	3	137.50	8	-2.046E+05	-3.055E+03	1.827E+04	0.000E+00	2.665E+06	4.385E+05	-1.851E-03	1.125E-02
1	3	137.50	9	-2.046E+05	7.115E+03	-1.827E+04	0.000E+00	-2.665E+06	-1.031E+06	4.350E-03	-1.125E-02
1	3	137.50	10	-2.046E+05	7.115E+03	-1.829E+04	0.000E+00	-2.669E+06	-1.031E+06	4.350E-03	-1.127E-02
1	3	137.50	11	-2.046E+05	-3.055E+03	-1.827E+04	0.000E+00	-2.665E+06	4.385E+05	-1.851E-03	-1.125E-02
1	3	137.50	12	-2.046E+05	-3.055E+03	-1.829E+04	0.000E+00	-2.669E+06	4.385E+05	-1.851E-03	-1.127E-02
1	3	137.50	13	-2.046E+05	7.115E+03	-1.238E+04	0.000E+00	-1.813E+06	-1.031E+06	4.350E-03	-7.653E-03
1	3	137.50	14	-2.046E+05	7.115E+03	-1.240E+04	0.000E+00	-1.816E+06	-1.031E+06	4.350E-03	-7.668E-03
1	3	137.50	15	-2.046E+05	-3.055E+03	-1.238E+04	0.000E+00	-1.813E+06	4.385E+05	-1.851E-03	-7.653E-03
1	3	137.50	16	-2.046E+05	-3.055E+03	-1.240E+04	0.000E+00	-1.816E+06	4.385E+05	-1.851E-03	-7.668E-03
1	4	206.25	1	-2.026E+05	7.115E+03	1.240E+04	0.000E+00	9.638E+05	-5.414E+05	2.747E-03	4.851E-03
1	4	206.25	2	-2.026E+05	7.115E+03	1.238E+04	0.000E+00	9.619E+05	-5.414E+05	2.747E-03	4.842E-03
1	4	206.25	3	-2.026E+05	-3.055E+03	1.240E+04	0.000E+00	9.638E+05	2.284E+05	-1.167E-03	4.851E-03
1	4	206.25	4	-2.026E+05	-3.055E+03	1.238E+04	0.000E+00	9.619E+05	2.284E+05	-1.167E-03	4.842E-03
1	4	206.25	5	-2.026E+05	7.115E+03	1.829E+04	0.000E+00	1.411E+06	-5.414E+05	2.747E-03	7.123E-03
1	4	206.25	6	-2.026E+05	7.115E+03	1.827E+04	0.000E+00	1.410E+06	-5.414E+05	2.747E-03	7.113E-03
1	4	206.25	7	-2.026E+05	-3.055E+03	1.829E+04	0.000E+00	1.411E+06	2.284E+05	-1.167E-03	7.123E-03
1	4	206.25	8	-2.026E+05	-3.055E+03	1.827E+04	0.000E+00	1.410E+06	2.284E+05	-1.167E-03	7.113E-03
1	4	206.25	9	-2.026E+05	7.115E+03	-1.827E+04	0.000E+00	-1.410E+06	-5.414E+05	2.747E-03	-7.113E-03
1	4	206.25	10	-2.026E+05	7.115E+03	-1.829E+04	0.000E+00	-1.411E+06	-5.414E+05	2.747E-03	-7.123E-03
1	4	206.25	11	-2.026E+05	-3.055E+03	-1.827E+04	0.000E+00	-1.410E+06	2.284E+05	-1.167E-03	-7.113E-03
1	4	206.25	12	-2.026E+05	-3.055E+03	-1.829E+04	0.000E+00	-1.411E+06	2.284E+05	-1.167E-03	-7.123E-03
1	4	206.25	13	-2.026E+05	7.115E+03	-1.238E+04	0.000E+00	-9.619E+05	-5.414E+05	2.747E-03	-4.842E-03
1	4	206.25	14	-2.026E+05	7.115E+03	-1.240E+04	0.000E+00	-9.638E+05	-5.414E+05	2.747E-03	-4.851E-03
1	4	206.25	15	-2.026E+05	-3.055E+03	-1.238E+04	0.000E+00	-9.619E+05	2.284E+05	-1.167E-03	-4.842E-03
1	4	206.25	16	-2.026E+05	-3.055E+03	-1.240E+04	0.000E+00	-9.638E+05	2.284E+05	-1.167E-03	-4.851E-03
1	5	275.00	1	-2.007E+05	7.115E+03	1.240E+04	0.000E+00	1.130E+05	-5.227E+04	-4.207E-10	2.076E-09
1	5	275.00	2	-2.007E+05	7.115E+03	1.238E+04	0.000E+00	1.126E+05	-5.227E+04	-4.207E-10	2.074E-09
1	5	275.00	3	-2.007E+05	-3.055E+03	1.240E+04	0.000E+00	1.130E+05	1.840E+04	7.310E-10	2.076E-09
1	5	275.00	4	-2.007E+05	-3.055E+03	1.238E+04	0.000E+00	1.126E+05	1.840E+04	7.310E-10	2.074E-09
1	5	275.00	5	-2.007E+05	7.115E+03	1.829E+04	0.000E+00	1.559E+05	-5.227E+04	-4.207E-10	1.401E-09
1	5	275.00	6	-2.007E+05	7.115E+03	1.827E+04	0.000E+00	1.555E+05	-5.227E+04	-4.207E-10	1.399E-09
1	5	275.00	7	-2.007E+05	-3.055E+03	1.829E+04	0.000E+00	1.559E+05	1.840E+04	7.310E-10	1.401E-09
1	5	275.00	8	-2.007E+05	-3.055E+03	1.827E+04	0.000E+00	1.555E+05	1.840E+04	7.310E-10	1.399E-09
1	5	275.00	9	-2.007E+05	7.115E+03	-1.827E+04	0.000E+00	-1.555E+05	-5.227E+04	-4.207E-10	-1.399E-09
1	5	275.00	10	-2.007E+05	7.115E+03	-1.829E+04	0.000E+00	-1.559E+05	-5.227E+04	-4.207E-10	-1.401E-09
1	5	275.00	11	-2.007E+05	-3.055E+03	-1.827E+04	0.000E+00	-1.555E+05	1.840E+04	7.310E-10	-1.399E-09
1	5	275.00	12	-2.007E+05	-3.055E+03	-1.829E+04	0.000E+00	-1.559E+05	1.840E+04	7.310E-10	-1.401E-09
1	5	275.00	13	-2.007E+05	7.115E+03	-1.238E+04	0.000E+00	-1.126E+05	-5.227E+04	-4.207E-10	-2.074E-09
1	5	275.00	14	-2.007E+05	7.115E+03	-1.240E+04	0.000E+00	-1.130E+05	-5.227E+04	-4.207E-10	-2.076E-09
1	5	275.00	15	-2.007E+05	-3.055E+03	-1.238E+04	0.000E+00	-1.126E+05	1.840E+04	7.310E-10	-2.074E-09
1	5	275.00	16	-2.007E+05	-3.055E+03	-1.240E+04	0.000E+00	-1.130E+05	1.840E+04	7.310E-10	-2.076E-09
2	1	0.00	1	-2.137E+05	3.249E+03	2.926E+04	0.000E+00	1.364E+07	-1.517E+06	0.000E+00	0.000E+00
2	1	0.00	2	-2.137E+05	3.249E+03	2.925E+04	0.000E+00	1.363E+07	-1.517E+06	0.000E+00	0.000E+00
2	1	0.00	3	-2.137E+05	-2.252E+03	2.926E+04	0.000E+00	1.364E+07	1.051E+06	0.000E+00	0.000E+00
2	1	0.00	4	-2.137E+05	-2.252E+03	2.925E+04	0.000E+00	1.363E+07	1.051E+06	0.000E+00	0.000E+00
2	1	0.00	5	-2.137E+05	3.249E+03	3.416E+04	0.000E+00	1.593E+07	-1.517E+06	0.000E+00	0.000E+00
2	1	0.00	6	-2.137E+05	3.249E+03	3.415E+04	0.000E+00	1.592E+07	-1.517E+06	0.000E+00	0.000E+00
2	1	0.00	7	-2.137E+05	-2.252E+03	3.416E+04	0.000E+00	1.593E+07	1.051E+06	0.000E+00	0.000E+00
2	1	0.00	8	-2.137E+05	-2.252E+03	3.415E+04	0.000E+00	1.592E+07	1.051E+06	0.000E+00	0.000E+00
2	1	0.00	9	-2.137E+05	3.249E+03	-3.415E+04	0.000E+00	-1.592E+07	-1.517E+06	0.000E+00	0.000E+00
2	1	0.00	10	-2.137E+05	3.249E+03	-3.416E+04	0.000E+00	-1.593E+07	-1.517E+06	0.000E+00	0.000E+00
2	1	0.00	11	-2.137E+05	-2.252E+03	-3.415E+04	0.000E+00	-1.592E+07	1.051E+06	0.000E+00	0.000E+00
2	1	0.00	12	-2.137E+05	-2.252E+03	-3.416E+04	0.000E+00	-1.593E+07	1.051E+06	0.000E+00	0.000E+00
2	1	0.00	13	-2.137E+05	3.249E+03	-2.925E+04	0.000E+00	-1.363E+07	-1.517E+06	0.000E+00	0.000E+00
2	1	0.00	14	-2.137E+05	3.249E+03	-2.926E+04	0.000E+00	-1.364E+07	-1.517E+06	0.000E+00	0.000E+00
2	1	0.00	15	-2.137E+05	-2.252E+03	-2.925E+04	0.000E+00	-1.363E+07	1.051E+06	0.000E+00	0.000E+00
2	1	0.00	16	-2.137E+05	-2.252E+03	-2.926E+04	0.000E+00	-1.364E+07	1.051E+06	0.000E+00	0.000E+00
2	2	115.00	1	-2.104E+05	3.249E+03	2.926E+04	0.000E+00	1.027E+07	-1.144E+06	7.924E-03	7.114E-02
2	2	115.00	2	-2.104E+05	3.249E+03	2.925E+04	0.000E+00	1.027E+07	-1.144E+06	7.924E-03	7.111E-02
2	2	115.00	3	-2.104E+05	-2.252E+03	2.926E+04	0.000E+00	1.027E+07	7.918E+05	-5.485E-03	7.114E-02

2	2	115.00	4	-2.104E+05	-2.252E+03	2.925E+04	0.000E+00	1.027E+07	7.918E+05	-5.485E-03	7.111E-02
2	2	115.00	5	-2.104E+05	3.249E+03	3.416E+04	0.000E+00	1.200E+07	-1.144E+06	7.924E-03	8.308E-02
2	2	115.00	6	-2.104E+05	3.249E+03	3.415E+04	0.000E+00	1.199E+07	-1.144E+06	7.924E-03	8.305E-02
2	2	115.00	7	-2.104E+05	-2.252E+03	3.416E+04	0.000E+00	1.200E+07	7.918E+05	-5.485E-03	8.308E-02
2	2	115.00	8	-2.104E+05	-2.252E+03	3.415E+04	0.000E+00	1.199E+07	7.918E+05	-5.485E-03	8.305E-02
2	2	115.00	9	-2.104E+05	3.249E+03	-3.415E+04	0.000E+00	-1.199E+07	-1.144E+06	7.924E-03	-8.305E-02
2	2	115.00	10	-2.104E+05	3.249E+03	-3.416E+04	0.000E+00	-1.200E+07	-1.144E+06	7.924E-03	-8.308E-02
2	2	115.00	11	-2.104E+05	-2.252E+03	-3.415E+04	0.000E+00	-1.199E+07	7.918E+05	-5.485E-03	-8.305E-02
2	2	115.00	12	-2.104E+05	-2.252E+03	-3.416E+04	0.000E+00	-1.200E+07	7.918E+05	-5.485E-03	-8.308E-02
2	2	115.00	13	-2.104E+05	3.249E+03	-2.925E+04	0.000E+00	-1.027E+07	-1.144E+06	7.924E-03	-7.111E-02
2	2	115.00	14	-2.104E+05	3.249E+03	-2.926E+04	0.000E+00	-1.027E+07	-1.144E+06	7.924E-03	-7.114E-02
2	2	115.00	15	-2.104E+05	-2.252E+03	-2.925E+04	0.000E+00	-1.027E+07	7.918E+05	-5.485E-03	-7.111E-02
2	2	115.00	16	-2.104E+05	-2.252E+03	-2.926E+04	0.000E+00	-1.027E+07	7.918E+05	-5.485E-03	-7.114E-02
2	3	230.00	1	-2.072E+05	3.249E+03	2.926E+04	0.000E+00	6.909E+06	-7.699E+05	9.094E-03	8.161E-02
2	3	230.00	2	-2.072E+05	3.249E+03	2.925E+04	0.000E+00	6.906E+06	-7.699E+05	9.094E-03	8.157E-02
2	3	230.00	3	-2.072E+05	-2.252E+03	2.926E+04	0.000E+00	6.909E+06	5.328E+05	-6.293E-03	8.161E-02
2	3	230.00	4	-2.072E+05	-2.252E+03	2.925E+04	0.000E+00	6.906E+06	5.328E+05	-6.293E-03	8.157E-02
2	3	230.00	5	-2.072E+05	3.249E+03	3.416E+04	0.000E+00	8.069E+06	-7.699E+05	9.094E-03	9.530E-02
2	3	230.00	6	-2.072E+05	3.249E+03	3.415E+04	0.000E+00	8.066E+06	-7.699E+05	9.094E-03	9.527E-02
2	3	230.00	7	-2.072E+05	-2.252E+03	3.416E+04	0.000E+00	8.069E+06	5.328E+05	-6.293E-03	9.530E-02
2	3	230.00	8	-2.072E+05	-2.252E+03	3.415E+04	0.000E+00	8.066E+06	5.328E+05	-6.293E-03	9.527E-02
2	3	230.00	9	-2.072E+05	3.249E+03	-3.415E+04	0.000E+00	-8.066E+06	-7.699E+05	9.094E-03	-9.527E-02
2	3	230.00	10	-2.072E+05	3.249E+03	-3.416E+04	0.000E+00	-8.069E+06	-7.699E+05	9.094E-03	-9.530E-02
2	3	230.00	11	-2.072E+05	-2.252E+03	-3.415E+04	0.000E+00	-8.066E+06	5.328E+05	-6.293E-03	-9.527E-02
2	3	230.00	12	-2.072E+05	-2.252E+03	-3.416E+04	0.000E+00	-8.069E+06	5.328E+05	-6.293E-03	-9.530E-02
2	3	230.00	13	-2.072E+05	3.249E+03	-2.925E+04	0.000E+00	-6.906E+06	-7.699E+05	9.094E-03	-8.157E-02
2	3	230.00	14	-2.072E+05	3.249E+03	-2.926E+04	0.000E+00	-6.909E+06	-7.699E+05	9.094E-03	-8.161E-02
2	3	230.00	15	-2.072E+05	-2.252E+03	-2.925E+04	0.000E+00	-6.906E+06	5.328E+05	-6.293E-03	-8.157E-02
2	3	230.00	16	-2.072E+05	-2.252E+03	-2.926E+04	0.000E+00	-6.909E+06	5.328E+05	-6.293E-03	-8.161E-02
2	4	345.00	1	-2.039E+05	3.249E+03	2.926E+04	0.000E+00	3.545E+06	-3.963E+05	5.717E-03	5.127E-02
2	4	345.00	2	-2.039E+05	3.249E+03	2.925E+04	0.000E+00	3.543E+06	-3.963E+05	5.717E-03	5.125E-02
2	4	345.00	3	-2.039E+05	-2.252E+03	2.926E+04	0.000E+00	3.545E+06	2.738E+05	-3.955E-03	5.127E-02
2	4	345.00	4	-2.039E+05	-2.252E+03	2.925E+04	0.000E+00	3.543E+06	2.738E+05	-3.955E-03	5.125E-02
2	4	345.00	5	-2.039E+05	3.249E+03	3.416E+04	0.000E+00	4.140E+06	-3.963E+05	5.717E-03	5.988E-02
2	4	345.00	6	-2.039E+05	3.249E+03	3.415E+04	0.000E+00	4.139E+06	-3.963E+05	5.717E-03	5.986E-02
2	4	345.00	7	-2.039E+05	-2.252E+03	3.416E+04	0.000E+00	4.140E+06	2.738E+05	-3.955E-03	5.988E-02
2	4	345.00	8	-2.039E+05	-2.252E+03	3.415E+04	0.000E+00	4.139E+06	2.738E+05	-3.955E-03	5.986E-02
2	4	345.00	9	-2.039E+05	3.249E+03	-3.415E+04	0.000E+00	-4.139E+06	-3.963E+05	5.717E-03	-5.986E-02
2	4	345.00	10	-2.039E+05	3.249E+03	-3.416E+04	0.000E+00	-4.140E+06	-3.963E+05	5.717E-03	-5.988E-02
2	4	345.00	11	-2.039E+05	-2.252E+03	-3.415E+04	0.000E+00	-4.139E+06	2.738E+05	-3.955E-03	-5.986E-02
2	4	345.00	12	-2.039E+05	-2.252E+03	-3.416E+04	0.000E+00	-4.140E+06	2.738E+05	-3.955E-03	-5.988E-02
2	4	345.00	13	-2.039E+05	3.249E+03	-2.925E+04	0.000E+00	-3.543E+06	-3.963E+05	5.717E-03	-5.125E-02
2	4	345.00	14	-2.039E+05	3.249E+03	-2.926E+04	0.000E+00	-3.545E+06	-3.963E+05	5.717E-03	-5.127E-02
2	4	345.00	15	-2.039E+05	-2.252E+03	-2.925E+04	0.000E+00	-3.543E+06	2.738E+05	-3.955E-03	-5.125E-02
2	4	345.00	16	-2.039E+05	-2.252E+03	-2.926E+04	0.000E+00	-3.545E+06	2.738E+05	-3.955E-03	-5.127E-02
2	5	460.00	1	-2.007E+05	3.249E+03	2.926E+04	0.000E+00	1.809E+05	-2.259E+04	8.715E-10	-1.389E-08
2	5	460.00	2	-2.007E+05	3.249E+03	2.925E+04	0.000E+00	1.807E+05	-2.259E+04	8.715E-10	-1.388E-08
2	5	460.00	3	-2.007E+05	-2.252E+03	2.926E+04	0.000E+00	1.809E+05	1.475E+04	-7.107E-10	-1.389E-08
2	5	460.00	4	-2.007E+05	-2.252E+03	2.925E+04	0.000E+00	1.807E+05	1.475E+04	-7.107E-10	-1.388E-08
2	5	460.00	5	-2.007E+05	3.249E+03	3.416E+04	0.000E+00	2.125E+05	-2.259E+04	8.715E-10	-1.476E-08
2	5	460.00	6	-2.007E+05	3.249E+03	3.415E+04	0.000E+00	2.123E+05	-2.259E+04	8.715E-10	-1.475E-08
2	5	460.00	7	-2.007E+05	-2.252E+03	3.416E+04	0.000E+00	2.125E+05	1.475E+04	-7.107E-10	-1.476E-08
2	5	460.00	8	-2.007E+05	-2.252E+03	3.415E+04	0.000E+00	2.123E+05	1.475E+04	-7.107E-10	-1.475E-08
2	5	460.00	9	-2.007E+05	3.249E+03	-3.415E+04	0.000E+00	-2.123E+05	-2.259E+04	8.715E-10	1.475E-08
2	5	460.00	10	-2.007E+05	3.249E+03	-3.416E+04	0.000E+00	-2.125E+05	-2.259E+04	8.715E-10	1.476E-08
2	5	460.00	11	-2.007E+05	-2.252E+03	-3.415E+04	0.000E+00	-2.123E+05	1.475E+04	-7.107E-10	1.475E-08
2	5	460.00	12	-2.007E+05	-2.252E+03	-3.416E+04	0.000E+00	-2.125E+05	1.475E+04	-7.107E-10	1.476E-08
2	5	460.00	13	-2.007E+05	3.249E+03	-2.925E+04	0.000E+00	-1.807E+05	-2.259E+04	8.715E-10	1.388E-08
2	5	460.00	14	-2.007E+05	3.249E+03	-2.926E+04	0.000E+00	-1.809E+05	-2.259E+04	8.715E-10	1.389E-08
2	5	460.00	15	-2.007E+05	-2.252E+03	-2.925E+04	0.000E+00	-1.807E+05	1.475E+04	-7.107E-10	1.388E-08
2	5	460.00	16	-2.007E+05	-2.252E+03	-2.926E+04	0.000E+00	-1.809E+05	1.475E+04	-7.107E-10	1.389E-08
3	1	0.00	1	-2.137E+05	4.299E+03	3.062E+04	0.000E+00	1.430E+07	-2.002E+06	0.000E+00	0.000E+00

3	1	0.00	2	-2.137E+05	4.299E+03	3.061E+04	0.000E+00	1.430E+07	-2.002E+06	0.000E+00	0.000E+00
3	1	0.00	3	-2.137E+05	-3.503E+03	3.062E+04	0.000E+00	1.430E+07	1.629E+06	0.000E+00	0.000E+00
3	1	0.00	4	-2.137E+05	-3.503E+03	3.061E+04	0.000E+00	1.430E+07	1.629E+06	0.000E+00	0.000E+00
3	1	0.00	5	-2.137E+05	4.299E+03	3.488E+04	0.000E+00	1.629E+07	-2.002E+06	0.000E+00	0.000E+00
3	1	0.00	6	-2.137E+05	4.299E+03	3.487E+04	0.000E+00	1.629E+07	-2.002E+06	0.000E+00	0.000E+00
3	1	0.00	7	-2.137E+05	-3.503E+03	3.488E+04	0.000E+00	1.629E+07	1.629E+06	0.000E+00	0.000E+00
3	1	0.00	8	-2.137E+05	-3.503E+03	3.487E+04	0.000E+00	1.629E+07	1.629E+06	0.000E+00	0.000E+00
3	1	0.00	9	-2.137E+05	4.299E+03	-3.487E+04	0.000E+00	-1.629E+07	-2.002E+06	0.000E+00	0.000E+00
3	1	0.00	10	-2.137E+05	4.299E+03	-3.488E+04	0.000E+00	-1.629E+07	-2.002E+06	0.000E+00	0.000E+00
3	1	0.00	11	-2.137E+05	-3.503E+03	-3.487E+04	0.000E+00	-1.629E+07	1.629E+06	0.000E+00	0.000E+00
3	1	0.00	12	-2.137E+05	-3.503E+03	-3.488E+04	0.000E+00	-1.629E+07	1.629E+06	0.000E+00	0.000E+00
3	1	0.00	13	-2.137E+05	4.299E+03	-3.061E+04	0.000E+00	-1.430E+07	-2.002E+06	0.000E+00	0.000E+00
3	1	0.00	14	-2.137E+05	4.299E+03	-3.062E+04	0.000E+00	-1.430E+07	-2.002E+06	0.000E+00	0.000E+00
3	1	0.00	15	-2.137E+05	-3.503E+03	-3.061E+04	0.000E+00	-1.430E+07	1.629E+06	0.000E+00	0.000E+00
3	1	0.00	16	-2.137E+05	-3.503E+03	-3.062E+04	0.000E+00	-1.430E+07	1.629E+06	0.000E+00	0.000E+00
3	2	115.00	1	-2.104E+05	4.299E+03	3.062E+04	0.000E+00	1.078E+07	-1.508E+06	1.044E-02	7.470E-02
3	2	115.00	2	-2.104E+05	4.299E+03	3.061E+04	0.000E+00	1.078E+07	-1.508E+06	1.044E-02	7.468E-02
3	2	115.00	3	-2.104E+05	-3.503E+03	3.062E+04	0.000E+00	1.078E+07	1.226E+06	-8.483E-03	7.470E-02
3	2	115.00	4	-2.104E+05	-3.503E+03	3.061E+04	0.000E+00	1.078E+07	1.226E+06	-8.483E-03	7.468E-02
3	2	115.00	5	-2.104E+05	4.299E+03	3.488E+04	0.000E+00	1.228E+07	-1.508E+06	1.044E-02	8.510E-02
3	2	115.00	6	-2.104E+05	4.299E+03	3.487E+04	0.000E+00	1.228E+07	-1.508E+06	1.044E-02	8.508E-02
3	2	115.00	7	-2.104E+05	-3.503E+03	3.488E+04	0.000E+00	1.228E+07	1.226E+06	-8.483E-03	8.510E-02
3	2	115.00	8	-2.104E+05	-3.503E+03	3.487E+04	0.000E+00	1.228E+07	1.226E+06	-8.483E-03	8.508E-02
3	2	115.00	9	-2.104E+05	4.299E+03	-3.487E+04	0.000E+00	-1.228E+07	-1.508E+06	1.044E-02	-8.508E-02
3	2	115.00	10	-2.104E+05	4.299E+03	-3.488E+04	0.000E+00	-1.228E+07	-1.508E+06	1.044E-02	-8.510E-02
3	2	115.00	11	-2.104E+05	-3.503E+03	-3.487E+04	0.000E+00	-1.228E+07	1.226E+06	-8.483E-03	-8.508E-02
3	2	115.00	12	-2.104E+05	-3.503E+03	-3.488E+04	0.000E+00	-1.228E+07	1.226E+06	-8.483E-03	-8.510E-02
3	2	115.00	13	-2.104E+05	4.299E+03	-3.061E+04	0.000E+00	-1.078E+07	-1.508E+06	1.044E-02	-7.468E-02
3	2	115.00	14	-2.104E+05	4.299E+03	-3.062E+04	0.000E+00	-1.078E+07	-1.508E+06	1.044E-02	-7.470E-02
3	2	115.00	15	-2.104E+05	-3.503E+03	-3.061E+04	0.000E+00	-1.078E+07	1.226E+06	-8.483E-03	-7.468E-02
3	2	115.00	16	-2.104E+05	-3.503E+03	-3.062E+04	0.000E+00	-1.078E+07	1.226E+06	-8.483E-03	-7.470E-02
3	3	230.00	1	-2.072E+05	4.299E+03	3.062E+04	0.000E+00	7.259E+06	-1.014E+06	1.197E-02	8.574E-02
3	3	230.00	2	-2.072E+05	4.299E+03	3.061E+04	0.000E+00	7.257E+06	-1.014E+06	1.197E-02	8.572E-02
3	3	230.00	3	-2.072E+05	-3.503E+03	3.062E+04	0.000E+00	7.259E+06	8.233E+05	-9.724E-03	8.574E-02
3	3	230.00	4	-2.072E+05	-3.503E+03	3.061E+04	0.000E+00	7.257E+06	8.233E+05	-9.724E-03	8.572E-02
3	3	230.00	5	-2.072E+05	4.299E+03	3.488E+04	0.000E+00	8.269E+06	-1.014E+06	1.197E-02	9.767E-02
3	3	230.00	6	-2.072E+05	4.299E+03	3.487E+04	0.000E+00	8.267E+06	-1.014E+06	1.197E-02	9.765E-02
3	3	230.00	7	-2.072E+05	-3.503E+03	3.488E+04	0.000E+00	8.269E+06	8.233E+05	-9.724E-03	9.767E-02
3	3	230.00	8	-2.072E+05	-3.503E+03	3.487E+04	0.000E+00	8.267E+06	8.233E+05	-9.724E-03	9.765E-02
3	3	230.00	9	-2.072E+05	4.299E+03	-3.487E+04	0.000E+00	-8.267E+06	-1.014E+06	1.197E-02	-9.765E-02
3	3	230.00	10	-2.072E+05	4.299E+03	-3.488E+04	0.000E+00	-8.269E+06	-1.014E+06	1.197E-02	-9.767E-02
3	3	230.00	11	-2.072E+05	-3.503E+03	-3.487E+04	0.000E+00	-8.267E+06	8.233E+05	-9.724E-03	-9.765E-02
3	3	230.00	12	-2.072E+05	-3.503E+03	-3.488E+04	0.000E+00	-8.269E+06	8.233E+05	-9.724E-03	-9.767E-02
3	3	230.00	13	-2.072E+05	4.299E+03	-3.061E+04	0.000E+00	-7.257E+06	-1.014E+06	1.197E-02	-8.572E-02
3	3	230.00	14	-2.072E+05	4.299E+03	-3.062E+04	0.000E+00	-7.259E+06	-1.014E+06	1.197E-02	-8.574E-02
3	3	230.00	15	-2.072E+05	-3.503E+03	-3.061E+04	0.000E+00	-7.257E+06	8.233E+05	-9.724E-03	-8.572E-02
3	3	230.00	16	-2.072E+05	-3.503E+03	-3.062E+04	0.000E+00	-7.259E+06	8.233E+05	-9.724E-03	-8.574E-02
3	4	345.00	1	-2.039E+05	4.299E+03	3.062E+04	0.000E+00	3.738E+06	-5.193E+05	7.520E-03	5.391E-02
3	4	345.00	2	-2.039E+05	4.299E+03	3.061E+04	0.000E+00	3.737E+06	-5.193E+05	7.520E-03	5.389E-02
3	4	345.00	3	-2.039E+05	-3.503E+03	3.062E+04	0.000E+00	3.738E+06	4.204E+05	-6.104E-03	5.391E-02
3	4	345.00	4	-2.039E+05	-3.503E+03	3.061E+04	0.000E+00	3.737E+06	4.204E+05	-6.104E-03	5.389E-02
3	4	345.00	5	-2.039E+05	4.299E+03	3.488E+04	0.000E+00	4.259E+06	-5.193E+05	7.520E-03	6.141E-02
3	4	345.00	6	-2.039E+05	4.299E+03	3.487E+04	0.000E+00	4.258E+06	-5.193E+05	7.520E-03	6.140E-02
3	4	345.00	7	-2.039E+05	-3.503E+03	3.488E+04	0.000E+00	4.259E+06	4.204E+05	-6.104E-03	6.141E-02
3	4	345.00	8	-2.039E+05	-3.503E+03	3.487E+04	0.000E+00	4.258E+06	4.204E+05	-6.104E-03	6.140E-02
3	4	345.00	9	-2.039E+05	4.299E+03	-3.487E+04	0.000E+00	-4.258E+06	-5.193E+05	7.520E-03	-6.140E-02
3	4	345.00	10	-2.039E+05	4.299E+03	-3.488E+04	0.000E+00	-4.259E+06	-5.193E+05	7.520E-03	-6.141E-02
3	4	345.00	11	-2.039E+05	-3.503E+03	-3.487E+04	0.000E+00	-4.258E+06	4.204E+05	-6.104E-03	-6.140E-02
3	4	345.00	12	-2.039E+05	-3.503E+03	-3.488E+04	0.000E+00	-4.259E+06	4.204E+05	-6.104E-03	-6.141E-02
3	4	345.00	13	-2.039E+05	4.299E+03	-3.061E+04	0.000E+00	-3.737E+06	-5.193E+05	7.520E-03	-5.389E-02
3	4	345.00	14	-2.039E+05	4.299E+03	-3.062E+04	0.000E+00	-3.738E+06	-5.193E+05	7.520E-03	-5.391E-02
3	4	345.00	15	-2.039E+05	-3.503E+03	-3.061E+04	0.000E+00	-3.737E+06	4.204E+05	-6.104E-03	-5.389E-02

3	4	345.00	16	-2.039E+05	-3.503E+03	-3.062E+04	0.000E+00	-3.738E+06	4.204E+05	-6.104E-03	-5.391E-02
3	5	460.00	1	-2.007E+05	4.299E+03	3.062E+04	0.000E+00	2.188E+05	-2.494E+04	-7.796E-10	1.642E-08
3	5	460.00	2	-2.007E+05	4.299E+03	3.061E+04	0.000E+00	2.186E+05	-2.494E+04	-7.796E-10	1.641E-08
3	5	460.00	3	-2.007E+05	-3.503E+03	3.062E+04	0.000E+00	2.188E+05	1.756E+04	3.877E-10	1.642E-08
3	5	460.00	4	-2.007E+05	-3.503E+03	3.061E+04	0.000E+00	2.186E+05	1.756E+04	3.877E-10	1.641E-08
3	5	460.00	5	-2.007E+05	4.299E+03	3.488E+04	0.000E+00	2.498E+05	-2.494E+04	-7.796E-10	1.457E-08
3	5	460.00	6	-2.007E+05	4.299E+03	3.487E+04	0.000E+00	2.496E+05	-2.494E+04	-7.796E-10	1.456E-08
3	5	460.00	7	-2.007E+05	-3.503E+03	3.488E+04	0.000E+00	2.498E+05	1.756E+04	3.877E-10	1.457E-08
3	5	460.00	8	-2.007E+05	-3.503E+03	3.487E+04	0.000E+00	2.496E+05	1.756E+04	3.877E-10	1.456E-08
3	5	460.00	9	-2.007E+05	4.299E+03	-3.487E+04	0.000E+00	-2.496E+05	-2.494E+04	-7.796E-10	-1.456E-08
3	5	460.00	10	-2.007E+05	4.299E+03	-3.488E+04	0.000E+00	-2.498E+05	-2.494E+04	-7.796E-10	-1.457E-08
3	5	460.00	11	-2.007E+05	-3.503E+03	-3.487E+04	0.000E+00	-2.496E+05	1.756E+04	3.877E-10	-1.456E-08
3	5	460.00	12	-2.007E+05	-3.503E+03	-3.488E+04	0.000E+00	-2.498E+05	1.756E+04	3.877E-10	-1.457E-08
3	5	460.00	13	-2.007E+05	4.299E+03	-3.061E+04	0.000E+00	-2.186E+05	-2.494E+04	-7.796E-10	-1.641E-08
3	5	460.00	14	-2.007E+05	4.299E+03	-3.062E+04	0.000E+00	-2.188E+05	-2.494E+04	-7.796E-10	-1.642E-08
3	5	460.00	15	-2.007E+05	-3.503E+03	-3.061E+04	0.000E+00	-2.186E+05	1.756E+04	3.877E-10	-1.641E-08
3	5	460.00	16	-2.007E+05	-3.503E+03	-3.062E+04	0.000E+00	-2.188E+05	1.756E+04	3.877E-10	-1.642E-08
4	1	0.00	1	-2.145E+05	4.469E+03	3.477E+04	0.000E+00	1.728E+07	-2.218E+06	0.000E+00	0.000E+00
4	1	0.00	2	-2.145E+05	4.469E+03	3.477E+04	0.000E+00	1.728E+07	-2.218E+06	0.000E+00	0.000E+00
4	1	0.00	3	-2.145E+05	-3.939E+03	3.477E+04	0.000E+00	1.728E+07	1.954E+06	0.000E+00	0.000E+00
4	1	0.00	4	-2.145E+05	-3.939E+03	3.477E+04	0.000E+00	1.728E+07	1.954E+06	0.000E+00	0.000E+00
4	1	0.00	5	-2.145E+05	4.469E+03	3.818E+04	0.000E+00	1.897E+07	-2.218E+06	0.000E+00	0.000E+00
4	1	0.00	6	-2.145E+05	4.469E+03	3.817E+04	0.000E+00	1.897E+07	-2.218E+06	0.000E+00	0.000E+00
4	1	0.00	7	-2.145E+05	-3.939E+03	3.818E+04	0.000E+00	1.897E+07	1.954E+06	0.000E+00	0.000E+00
4	1	0.00	8	-2.145E+05	-3.939E+03	3.817E+04	0.000E+00	1.897E+07	1.954E+06	0.000E+00	0.000E+00
4	1	0.00	9	-2.145E+05	4.469E+03	-3.817E+04	0.000E+00	-1.897E+07	-2.218E+06	0.000E+00	0.000E+00
4	1	0.00	10	-2.145E+05	4.469E+03	-3.818E+04	0.000E+00	-1.897E+07	-2.218E+06	0.000E+00	0.000E+00
4	1	0.00	11	-2.145E+05	-3.939E+03	-3.817E+04	0.000E+00	-1.897E+07	1.954E+06	0.000E+00	0.000E+00
4	1	0.00	12	-2.145E+05	-3.939E+03	-3.818E+04	0.000E+00	-1.897E+07	1.954E+06	0.000E+00	0.000E+00
4	1	0.00	13	-2.145E+05	4.469E+03	-3.477E+04	0.000E+00	-1.728E+07	-2.218E+06	0.000E+00	0.000E+00
4	1	0.00	14	-2.145E+05	4.469E+03	-3.477E+04	0.000E+00	-1.728E+07	-2.218E+06	0.000E+00	0.000E+00
4	1	0.00	15	-2.145E+05	-3.939E+03	-3.477E+04	0.000E+00	-1.728E+07	1.954E+06	0.000E+00	0.000E+00
4	1	0.00	16	-2.145E+05	-3.939E+03	-3.477E+04	0.000E+00	-1.728E+07	1.954E+06	0.000E+00	0.000E+00
4	2	122.50	1	-2.111E+05	4.469E+03	3.477E+04	0.000E+00	1.302E+07	-1.670E+06	1.312E-02	1.023E-01
4	2	122.50	2	-2.111E+05	4.469E+03	3.477E+04	0.000E+00	1.302E+07	-1.670E+06	1.312E-02	1.023E-01
4	2	122.50	3	-2.110E+05	-3.939E+03	3.477E+04	0.000E+00	1.302E+07	1.471E+06	-1.155E-02	1.023E-01
4	2	122.50	4	-2.110E+05	-3.939E+03	3.477E+04	0.000E+00	1.302E+07	1.471E+06	-1.155E-02	1.023E-01
4	2	122.50	5	-2.111E+05	4.469E+03	3.818E+04	0.000E+00	1.430E+07	-1.670E+06	1.312E-02	1.124E-01
4	2	122.50	6	-2.111E+05	4.469E+03	3.817E+04	0.000E+00	1.430E+07	-1.670E+06	1.312E-02	1.124E-01
4	2	122.50	7	-2.110E+05	-3.939E+03	3.818E+04	0.000E+00	1.430E+07	1.471E+06	-1.155E-02	1.124E-01
4	2	122.50	8	-2.110E+05	-3.939E+03	3.817E+04	0.000E+00	1.430E+07	1.471E+06	-1.155E-02	1.124E-01
4	2	122.50	9	-2.111E+05	4.469E+03	-3.817E+04	0.000E+00	-1.430E+07	-1.670E+06	1.312E-02	-1.124E-01
4	2	122.50	10	-2.111E+05	4.469E+03	-3.818E+04	0.000E+00	-1.430E+07	-1.670E+06	1.312E-02	-1.124E-01
4	2	122.50	11	-2.110E+05	-3.939E+03	-3.817E+04	0.000E+00	-1.430E+07	1.471E+06	-1.155E-02	-1.124E-01
4	2	122.50	12	-2.110E+05	-3.939E+03	-3.818E+04	0.000E+00	-1.430E+07	1.471E+06	-1.155E-02	-1.124E-01
4	2	122.50	13	-2.111E+05	4.469E+03	-3.477E+04	0.000E+00	-1.302E+07	-1.670E+06	1.312E-02	-1.023E-01
4	2	122.50	14	-2.111E+05	4.469E+03	-3.477E+04	0.000E+00	-1.302E+07	-1.670E+06	1.312E-02	-1.023E-01
4	2	122.50	15	-2.110E+05	-3.939E+03	-3.477E+04	0.000E+00	-1.302E+07	1.471E+06	-1.155E-02	-1.023E-01
4	2	122.50	16	-2.110E+05	-3.939E+03	-3.477E+04	0.000E+00	-1.302E+07	1.471E+06	-1.155E-02	-1.023E-01
4	3	245.00	1	-2.076E+05	4.469E+03	3.477E+04	0.000E+00	8.762E+06	-1.123E+06	1.505E-02	1.174E-01
4	3	245.00	2	-2.076E+05	4.469E+03	3.477E+04	0.000E+00	8.761E+06	-1.123E+06	1.505E-02	1.174E-01
4	3	245.00	3	-2.076E+05	-3.939E+03	3.477E+04	0.000E+00	8.762E+06	9.886E+05	-1.325E-02	1.174E-01
4	3	245.00	4	-2.076E+05	-3.939E+03	3.477E+04	0.000E+00	8.761E+06	9.886E+05	-1.325E-02	1.174E-01
4	3	245.00	5	-2.076E+05	4.469E+03	3.818E+04	0.000E+00	9.620E+06	-1.123E+06	1.505E-02	1.289E-01
4	3	245.00	6	-2.076E+05	4.469E+03	3.817E+04	0.000E+00	9.619E+06	-1.123E+06	1.505E-02	1.289E-01
4	3	245.00	7	-2.076E+05	-3.939E+03	3.818E+04	0.000E+00	9.620E+06	9.886E+05	-1.325E-02	1.289E-01
4	3	245.00	8	-2.076E+05	-3.939E+03	3.817E+04	0.000E+00	9.619E+06	9.886E+05	-1.325E-02	1.289E-01
4	3	245.00	9	-2.076E+05	4.469E+03	-3.817E+04	0.000E+00	-9.619E+06	-1.123E+06	1.505E-02	-1.289E-01
4	3	245.00	10	-2.076E+05	4.469E+03	-3.818E+04	0.000E+00	-9.620E+06	-1.123E+06	1.505E-02	-1.289E-01
4	3	245.00	11	-2.076E+05	-3.939E+03	-3.817E+04	0.000E+00	-9.619E+06	9.886E+05	-1.325E-02	-1.289E-01
4	3	245.00	12	-2.076E+05	-3.939E+03	-3.818E+04	0.000E+00	-9.620E+06	9.886E+05	-1.325E-02	-1.289E-01
4	3	245.00	13	-2.076E+05	4.469E+03	-3.477E+04	0.000E+00	-8.761E+06	-1.123E+06	1.505E-02	-1.174E-01

4	3	245.00	14	-2.076E+05	4.469E+03	-3.477E+04	0.000E+00	-8.762E+06	-1.123E+06	1.505E-02	-1.174E-01
4	3	245.00	15	-2.076E+05	-3.939E+03	-3.477E+04	0.000E+00	-8.761E+06	9.886E+05	-1.325E-02	-1.174E-01
4	3	245.00	16	-2.076E+05	-3.939E+03	-3.477E+04	0.000E+00	-8.762E+06	9.886E+05	-1.325E-02	-1.174E-01
4	4	367.50	1	-2.041E+05	4.469E+03	3.477E+04	0.000E+00	4.502E+06	-5.752E+05	9.450E-03	7.380E-02
4	4	367.50	2	-2.041E+05	4.469E+03	3.477E+04	0.000E+00	4.502E+06	-5.752E+05	9.450E-03	7.379E-02
4	4	367.50	3	-2.041E+05	-3.939E+03	3.477E+04	0.000E+00	4.502E+06	5.060E+05	-8.320E-03	7.380E-02
4	4	367.50	4	-2.041E+05	-3.939E+03	3.477E+04	0.000E+00	4.502E+06	5.060E+05	-8.320E-03	7.379E-02
4	4	367.50	5	-2.041E+05	4.469E+03	3.818E+04	0.000E+00	4.943E+06	-5.752E+05	9.450E-03	8.103E-02
4	4	367.50	6	-2.041E+05	4.469E+03	3.817E+04	0.000E+00	4.943E+06	-5.752E+05	9.450E-03	8.102E-02
4	4	367.50	7	-2.041E+05	-3.939E+03	3.818E+04	0.000E+00	4.943E+06	5.060E+05	-8.320E-03	8.103E-02
4	4	367.50	8	-2.041E+05	-3.939E+03	3.817E+04	0.000E+00	4.943E+06	5.060E+05	-8.320E-03	8.102E-02
4	4	367.50	9	-2.041E+05	4.469E+03	-3.817E+04	0.000E+00	-4.943E+06	-5.752E+05	9.450E-03	-8.102E-02
4	4	367.50	10	-2.041E+05	4.469E+03	-3.818E+04	0.000E+00	-4.943E+06	-5.752E+05	9.450E-03	-8.103E-02
4	4	367.50	11	-2.041E+05	-3.939E+03	-3.817E+04	0.000E+00	-4.943E+06	5.060E+05	-8.320E-03	-8.102E-02
4	4	367.50	12	-2.041E+05	-3.939E+03	-3.818E+04	0.000E+00	-4.943E+06	5.060E+05	-8.320E-03	-8.103E-02
4	4	367.50	13	-2.041E+05	4.469E+03	-3.477E+04	0.000E+00	-4.502E+06	-5.752E+05	9.450E-03	-7.379E-02
4	4	367.50	14	-2.041E+05	4.469E+03	-3.477E+04	0.000E+00	-4.502E+06	-5.752E+05	9.450E-03	-7.380E-02
4	4	367.50	15	-2.041E+05	-3.939E+03	-3.477E+04	0.000E+00	-4.502E+06	5.060E+05	-8.320E-03	-7.379E-02
4	4	367.50	16	-2.041E+05	-3.939E+03	-3.477E+04	0.000E+00	-4.502E+06	5.060E+05	-8.320E-03	-7.380E-02
4	5	490.00	1	-2.007E+05	4.469E+03	3.477E+04	0.000E+00	2.448E+05	-2.770E+04	3.870E-09	-1.070E-08
4	5	490.00	2	-2.007E+05	4.469E+03	3.477E+04	0.000E+00	2.445E+05	-2.770E+04	3.870E-09	-1.069E-08
4	5	490.00	3	-2.007E+05	-3.939E+03	3.477E+04	0.000E+00	2.448E+05	2.353E+04	-3.672E-09	-1.070E-08
4	5	490.00	4	-2.007E+05	-3.939E+03	3.477E+04	0.000E+00	2.445E+05	2.353E+04	-3.672E-09	-1.069E-08
4	5	490.00	5	-2.007E+05	4.469E+03	3.818E+04	0.000E+00	2.690E+05	-2.770E+04	3.870E-09	-1.134E-08
4	5	490.00	6	-2.007E+05	4.469E+03	3.817E+04	0.000E+00	2.688E+05	-2.770E+04	3.870E-09	-1.133E-08
4	5	490.00	7	-2.007E+05	-3.939E+03	3.818E+04	0.000E+00	2.690E+05	2.353E+04	-3.672E-09	-1.134E-08
4	5	490.00	8	-2.007E+05	-3.939E+03	3.817E+04	0.000E+00	2.688E+05	2.353E+04	-3.672E-09	-1.133E-08
4	5	490.00	9	-2.007E+05	4.469E+03	-3.817E+04	0.000E+00	-2.688E+05	-2.770E+04	3.870E-09	1.133E-08
4	5	490.00	10	-2.007E+05	4.469E+03	-3.818E+04	0.000E+00	-2.690E+05	-2.770E+04	3.870E-09	1.134E-08
4	5	490.00	11	-2.007E+05	-3.939E+03	-3.817E+04	0.000E+00	-2.688E+05	2.353E+04	-3.672E-09	1.133E-08
4	5	490.00	12	-2.007E+05	-3.939E+03	-3.818E+04	0.000E+00	-2.690E+05	2.353E+04	-3.672E-09	1.134E-08
4	5	490.00	13	-2.007E+05	4.469E+03	-3.477E+04	0.000E+00	-2.445E+05	-2.770E+04	3.870E-09	1.069E-08
4	5	490.00	14	-2.007E+05	4.469E+03	-3.477E+04	0.000E+00	-2.448E+05	-2.770E+04	3.870E-09	1.070E-08
4	5	490.00	15	-2.007E+05	-3.939E+03	-3.477E+04	0.000E+00	-2.445E+05	2.353E+04	-3.672E-09	1.069E-08
4	5	490.00	16	-2.007E+05	-3.939E+03	-3.477E+04	0.000E+00	-2.448E+05	2.353E+04	-3.672E-09	1.070E-08
5	1	0.00	1	-2.157E+05	4.223E+03	3.873E+04	0.000E+00	2.076E+07	-2.259E+06	0.000E+00	0.000E+00
5	1	0.00	2	-2.157E+05	4.223E+03	3.873E+04	0.000E+00	2.076E+07	-2.259E+06	0.000E+00	0.000E+00
5	1	0.00	3	-2.156E+05	-3.905E+03	3.873E+04	0.000E+00	2.076E+07	2.087E+06	0.000E+00	0.000E+00
5	1	0.00	4	-2.156E+05	-3.905E+03	3.873E+04	0.000E+00	2.076E+07	2.087E+06	0.000E+00	0.000E+00
5	1	0.00	5	-2.157E+05	4.223E+03	4.123E+04	0.000E+00	2.211E+07	-2.259E+06	0.000E+00	0.000E+00
5	1	0.00	6	-2.157E+05	4.223E+03	4.123E+04	0.000E+00	2.210E+07	-2.259E+06	0.000E+00	0.000E+00
5	1	0.00	7	-2.156E+05	-3.905E+03	4.123E+04	0.000E+00	2.211E+07	2.087E+06	0.000E+00	0.000E+00
5	1	0.00	8	-2.156E+05	-3.905E+03	4.123E+04	0.000E+00	2.210E+07	2.087E+06	0.000E+00	0.000E+00
5	1	0.00	9	-2.157E+05	4.223E+03	-4.123E+04	0.000E+00	-2.210E+07	-2.259E+06	0.000E+00	0.000E+00
5	1	0.00	10	-2.157E+05	4.223E+03	-4.123E+04	0.000E+00	-2.211E+07	-2.259E+06	0.000E+00	0.000E+00
5	1	0.00	11	-2.156E+05	-3.905E+03	-4.123E+04	0.000E+00	-2.210E+07	2.087E+06	0.000E+00	0.000E+00
5	1	0.00	12	-2.156E+05	-3.905E+03	-4.123E+04	0.000E+00	-2.211E+07	2.087E+06	0.000E+00	0.000E+00
5	1	0.00	13	-2.157E+05	4.223E+03	-3.873E+04	0.000E+00	-2.076E+07	-2.259E+06	0.000E+00	0.000E+00
5	1	0.00	14	-2.157E+05	4.223E+03	-3.873E+04	0.000E+00	-2.076E+07	-2.259E+06	0.000E+00	0.000E+00
5	1	0.00	15	-2.156E+05	-3.905E+03	-3.873E+04	0.000E+00	-2.076E+07	2.087E+06	0.000E+00	0.000E+00
5	1	0.00	16	-2.156E+05	-3.905E+03	-3.873E+04	0.000E+00	-2.076E+07	2.087E+06	0.000E+00	0.000E+00
5	2	132.50	1	-2.119E+05	4.223E+03	3.873E+04	0.000E+00	1.563E+07	-1.700E+06	1.560E-02	1.436E-01
5	2	132.50	2	-2.119E+05	4.223E+03	3.873E+04	0.000E+00	1.563E+07	-1.700E+06	1.560E-02	1.436E-01
5	2	132.50	3	-2.119E+05	-3.905E+03	3.873E+04	0.000E+00	1.563E+07	1.570E+06	-1.441E-02	1.436E-01
5	2	132.50	4	-2.119E+05	-3.905E+03	3.873E+04	0.000E+00	1.563E+07	1.570E+06	-1.441E-02	1.436E-01
5	2	132.50	5	-2.119E+05	4.223E+03	4.123E+04	0.000E+00	1.664E+07	-1.700E+06	1.560E-02	1.529E-01
5	2	132.50	6	-2.119E+05	4.223E+03	4.123E+04	0.000E+00	1.664E+07	-1.700E+06	1.560E-02	1.529E-01
5	2	132.50	7	-2.119E+05	-3.905E+03	4.123E+04	0.000E+00	1.664E+07	1.570E+06	-1.441E-02	1.529E-01
5	2	132.50	8	-2.119E+05	-3.905E+03	4.123E+04	0.000E+00	1.664E+07	1.570E+06	-1.441E-02	1.529E-01
5	2	132.50	9	-2.119E+05	4.223E+03	-4.123E+04	0.000E+00	-1.664E+07	-1.700E+06	1.560E-02	-1.529E-01
5	2	132.50	10	-2.119E+05	4.223E+03	-4.123E+04	0.000E+00	-1.664E+07	-1.700E+06	1.560E-02	-1.529E-01
5	2	132.50	11	-2.119E+05	-3.905E+03	-4.123E+04	0.000E+00	-1.664E+07	1.570E+06	-1.441E-02	-1.529E-01

5	2	132.50	12	-2.119E+05	-3.905E+03	-4.123E+04	0.000E+00	-1.664E+07	1.570E+06	-1.441E-02	-1.529E-01
5	2	132.50	13	-2.119E+05	4.223E+03	-3.873E+04	0.000E+00	-1.563E+07	-1.700E+06	1.560E-02	-1.436E-01
5	2	132.50	14	-2.119E+05	4.223E+03	-3.873E+04	0.000E+00	-1.563E+07	-1.700E+06	1.560E-02	-1.436E-01
5	2	132.50	15	-2.119E+05	-3.905E+03	-3.873E+04	0.000E+00	-1.563E+07	1.570E+06	-1.441E-02	-1.436E-01
5	2	132.50	16	-2.119E+05	-3.905E+03	-3.873E+04	0.000E+00	-1.563E+07	1.570E+06	-1.441E-02	-1.436E-01
5	3	265.00	1	-2.082E+05	4.223E+03	3.873E+04	0.000E+00	1.050E+07	-1.140E+06	1.788E-02	1.646E-01
5	3	265.00	2	-2.082E+05	4.223E+03	3.873E+04	0.000E+00	1.050E+07	-1.140E+06	1.788E-02	1.646E-01
5	3	265.00	3	-2.082E+05	-3.905E+03	3.873E+04	0.000E+00	1.050E+07	1.053E+06	-1.650E-02	1.646E-01
5	3	265.00	4	-2.082E+05	-3.905E+03	3.873E+04	0.000E+00	1.050E+07	1.053E+06	-1.650E-02	1.646E-01
5	3	265.00	5	-2.082E+05	4.223E+03	4.123E+04	0.000E+00	1.118E+07	-1.140E+06	1.788E-02	1.753E-01
5	3	265.00	6	-2.082E+05	4.223E+03	4.123E+04	0.000E+00	1.118E+07	-1.140E+06	1.788E-02	1.753E-01
5	3	265.00	7	-2.082E+05	-3.905E+03	4.123E+04	0.000E+00	1.118E+07	1.053E+06	-1.650E-02	1.753E-01
5	3	265.00	8	-2.082E+05	-3.905E+03	4.123E+04	0.000E+00	1.118E+07	1.053E+06	-1.650E-02	1.753E-01
5	3	265.00	9	-2.082E+05	4.223E+03	-4.123E+04	0.000E+00	-1.118E+07	-1.140E+06	1.788E-02	-1.753E-01
5	3	265.00	10	-2.082E+05	4.223E+03	-4.123E+04	0.000E+00	-1.118E+07	-1.140E+06	1.788E-02	-1.753E-01
5	3	265.00	11	-2.082E+05	-3.905E+03	-4.123E+04	0.000E+00	-1.118E+07	1.053E+06	-1.650E-02	-1.753E-01
5	3	265.00	12	-2.082E+05	-3.905E+03	-4.123E+04	0.000E+00	-1.118E+07	1.053E+06	-1.650E-02	-1.753E-01
5	3	265.00	13	-2.082E+05	4.223E+03	-3.873E+04	0.000E+00	-1.050E+07	-1.140E+06	1.788E-02	-1.646E-01
5	3	265.00	14	-2.082E+05	4.223E+03	-3.873E+04	0.000E+00	-1.050E+07	-1.140E+06	1.788E-02	-1.646E-01
5	3	265.00	15	-2.082E+05	-3.905E+03	-3.873E+04	0.000E+00	-1.050E+07	1.053E+06	-1.650E-02	-1.646E-01
5	3	265.00	16	-2.082E+05	-3.905E+03	-3.873E+04	0.000E+00	-1.050E+07	1.053E+06	-1.650E-02	-1.646E-01
5	4	397.50	1	-2.044E+05	4.223E+03	3.873E+04	0.000E+00	5.367E+06	-5.807E+05	1.122E-02	1.033E-01
5	4	397.50	2	-2.044E+05	4.223E+03	3.873E+04	0.000E+00	5.366E+06	-5.807E+05	1.122E-02	1.033E-01
5	4	397.50	3	-2.044E+05	-3.905E+03	3.873E+04	0.000E+00	5.367E+06	5.351E+05	-1.035E-02	1.033E-01
5	4	397.50	4	-2.044E+05	-3.905E+03	3.873E+04	0.000E+00	5.366E+06	5.351E+05	-1.035E-02	1.033E-01
5	4	397.50	5	-2.044E+05	4.223E+03	4.123E+04	0.000E+00	5.716E+06	-5.807E+05	1.122E-02	1.100E-01
5	4	397.50	6	-2.044E+05	4.223E+03	4.123E+04	0.000E+00	5.715E+06	-5.807E+05	1.122E-02	1.100E-01
5	4	397.50	7	-2.044E+05	-3.905E+03	4.123E+04	0.000E+00	5.716E+06	5.351E+05	-1.035E-02	1.100E-01
5	4	397.50	8	-2.044E+05	-3.905E+03	4.123E+04	0.000E+00	5.715E+06	5.351E+05	-1.035E-02	1.100E-01
5	4	397.50	9	-2.044E+05	4.223E+03	-4.123E+04	0.000E+00	-5.715E+06	-5.807E+05	1.122E-02	-1.100E-01
5	4	397.50	10	-2.044E+05	4.223E+03	-4.123E+04	0.000E+00	-5.716E+06	-5.807E+05	1.122E-02	-1.100E-01
5	4	397.50	11	-2.044E+05	-3.905E+03	-4.123E+04	0.000E+00	-5.715E+06	5.351E+05	-1.035E-02	-1.100E-01
5	4	397.50	12	-2.044E+05	-3.905E+03	-4.123E+04	0.000E+00	-5.716E+06	5.351E+05	-1.035E-02	-1.100E-01
5	4	397.50	13	-2.044E+05	4.223E+03	-3.873E+04	0.000E+00	-5.366E+06	-5.807E+05	1.122E-02	-1.033E-01
5	4	397.50	14	-2.044E+05	4.223E+03	-3.873E+04	0.000E+00	-5.367E+06	-5.807E+05	1.122E-02	-1.033E-01
5	4	397.50	15	-2.044E+05	-3.905E+03	-3.873E+04	0.000E+00	-5.366E+06	5.351E+05	-1.035E-02	-1.033E-01
5	4	397.50	16	-2.044E+05	-3.905E+03	-3.873E+04	0.000E+00	-5.367E+06	5.351E+05	-1.035E-02	-1.033E-01
5	5	530.00	1	-2.007E+05	4.223E+03	3.873E+04	0.000E+00	2.377E+05	-2.116E+04	-2.451E-09	-6.318E-08
5	5	530.00	2	-2.007E+05	4.223E+03	3.873E+04	0.000E+00	2.375E+05	-2.116E+04	-2.451E-09	-6.318E-08
5	5	530.00	3	-2.007E+05	-3.905E+03	3.873E+04	0.000E+00	2.377E+05	1.770E+04	2.365E-09	-6.318E-08
5	5	530.00	4	-2.007E+05	-3.905E+03	3.873E+04	0.000E+00	2.375E+05	1.770E+04	2.365E-09	-6.318E-08
5	5	530.00	5	-2.007E+05	4.223E+03	4.123E+04	0.000E+00	2.546E+05	-2.116E+04	-2.451E-09	-6.071E-08
5	5	530.00	6	-2.007E+05	4.223E+03	4.123E+04	0.000E+00	2.544E+05	-2.116E+04	-2.451E-09	-6.071E-08
5	5	530.00	7	-2.007E+05	-3.905E+03	4.123E+04	0.000E+00	2.546E+05	1.770E+04	2.365E-09	-6.071E-08
5	5	530.00	8	-2.007E+05	-3.905E+03	4.123E+04	0.000E+00	2.544E+05	1.770E+04	2.365E-09	-6.071E-08
5	5	530.00	9	-2.007E+05	4.223E+03	-4.123E+04	0.000E+00	-2.544E+05	-2.116E+04	-2.451E-09	6.071E-08
5	5	530.00	10	-2.007E+05	4.223E+03	-4.123E+04	0.000E+00	-2.546E+05	-2.116E+04	-2.451E-09	6.071E-08
5	5	530.00	11	-2.007E+05	-3.905E+03	-4.123E+04	0.000E+00	-2.544E+05	1.770E+04	2.365E-09	6.071E-08
5	5	530.00	12	-2.007E+05	-3.905E+03	-4.123E+04	0.000E+00	-2.546E+05	1.770E+04	2.365E-09	6.071E-08
5	5	530.00	13	-2.007E+05	4.223E+03	-3.873E+04	0.000E+00	-2.375E+05	-2.116E+04	-2.451E-09	6.318E-08
5	5	530.00	14	-2.007E+05	4.223E+03	-3.873E+04	0.000E+00	-2.377E+05	-2.116E+04	-2.451E-09	6.318E-08
5	5	530.00	15	-2.007E+05	-3.905E+03	-3.873E+04	0.000E+00	-2.375E+05	1.770E+04	2.365E-09	6.318E-08
5	5	530.00	16	-2.007E+05	-3.905E+03	-3.873E+04	0.000E+00	-2.377E+05	1.770E+04	2.365E-09	6.318E-08
6	1	0.00	1	-2.133E+05	7.023E+03	2.983E+04	0.000E+00	1.352E+07	-3.170E+06	0.000E+00	0.000E+00
6	1	0.00	2	-2.133E+05	7.023E+03	2.983E+04	0.000E+00	1.352E+07	-3.170E+06	0.000E+00	0.000E+00
6	1	0.00	3	-2.132E+05	-6.706E+03	2.983E+04	0.000E+00	1.352E+07	3.027E+06	0.000E+00	0.000E+00
6	1	0.00	4	-2.132E+05	-6.706E+03	2.983E+04	0.000E+00	1.352E+07	3.027E+06	0.000E+00	0.000E+00
6	1	0.00	5	-2.133E+05	7.023E+03	3.161E+04	0.000E+00	1.432E+07	-3.170E+06	0.000E+00	0.000E+00
6	1	0.00	6	-2.133E+05	7.023E+03	3.161E+04	0.000E+00	1.432E+07	-3.170E+06	0.000E+00	0.000E+00
6	1	0.00	7	-2.132E+05	-6.706E+03	3.161E+04	0.000E+00	1.432E+07	3.027E+06	0.000E+00	0.000E+00
6	1	0.00	8	-2.132E+05	-6.706E+03	3.161E+04	0.000E+00	1.432E+07	3.027E+06	0.000E+00	0.000E+00
6	1	0.00	9	-2.133E+05	7.023E+03	-3.161E+04	0.000E+00	-1.432E+07	-3.170E+06	0.000E+00	0.000E+00

6	1	0.00	10	-2.133E+05	7.023E+03	-3.161E+04	0.000E+00	-1.432E+07	-3.170E+06	0.000E+00	0.000E+00
6	1	0.00	11	-2.132E+05	-6.706E+03	-3.161E+04	0.000E+00	-1.432E+07	3.027E+06	0.000E+00	0.000E+00
6	1	0.00	12	-2.132E+05	-6.706E+03	-3.161E+04	0.000E+00	-1.432E+07	3.027E+06	0.000E+00	0.000E+00
6	1	0.00	13	-2.133E+05	7.023E+03	-2.983E+04	0.000E+00	-1.352E+07	-3.170E+06	0.000E+00	0.000E+00
6	1	0.00	14	-2.133E+05	7.023E+03	-2.983E+04	0.000E+00	-1.352E+07	-3.170E+06	0.000E+00	0.000E+00
6	1	0.00	15	-2.132E+05	-6.706E+03	-2.983E+04	0.000E+00	-1.352E+07	3.027E+06	0.000E+00	0.000E+00
6	1	0.00	16	-2.132E+05	-6.706E+03	-2.983E+04	0.000E+00	-1.352E+07	3.027E+06	0.000E+00	0.000E+00
6	2	111.25	1	-2.101E+05	7.023E+03	2.983E+04	0.000E+00	1.020E+07	-2.389E+06	1.549E-02	6.620E-02
6	2	111.25	2	-2.101E+05	7.023E+03	2.983E+04	0.000E+00	1.020E+07	-2.389E+06	1.549E-02	6.619E-02
6	2	111.25	3	-2.101E+05	-6.706E+03	2.983E+04	0.000E+00	1.020E+07	2.281E+06	-1.478E-02	6.620E-02
6	2	111.25	4	-2.101E+05	-6.706E+03	2.983E+04	0.000E+00	1.020E+07	2.281E+06	-1.478E-02	6.619E-02
6	2	111.25	5	-2.101E+05	7.023E+03	3.161E+04	0.000E+00	1.080E+07	-2.389E+06	1.549E-02	7.014E-02
6	2	111.25	6	-2.101E+05	7.023E+03	3.161E+04	0.000E+00	1.080E+07	-2.389E+06	1.549E-02	7.013E-02
6	2	111.25	7	-2.101E+05	-6.706E+03	3.161E+04	0.000E+00	1.080E+07	2.281E+06	-1.478E-02	7.014E-02
6	2	111.25	8	-2.101E+05	-6.706E+03	3.161E+04	0.000E+00	1.080E+07	2.281E+06	-1.478E-02	7.013E-02
6	2	111.25	9	-2.101E+05	7.023E+03	-3.161E+04	0.000E+00	-1.080E+07	-2.389E+06	1.549E-02	-7.013E-02
6	2	111.25	10	-2.101E+05	7.023E+03	-3.161E+04	0.000E+00	-1.080E+07	-2.389E+06	1.549E-02	-7.014E-02
6	2	111.25	11	-2.101E+05	-6.706E+03	-3.161E+04	0.000E+00	-1.080E+07	2.281E+06	-1.478E-02	-7.013E-02
6	2	111.25	12	-2.101E+05	-6.706E+03	-3.161E+04	0.000E+00	-1.080E+07	2.281E+06	-1.478E-02	-7.014E-02
6	2	111.25	13	-2.101E+05	7.023E+03	-2.983E+04	0.000E+00	-1.020E+07	-2.389E+06	1.549E-02	-6.619E-02
6	2	111.25	14	-2.101E+05	7.023E+03	-2.983E+04	0.000E+00	-1.020E+07	-2.389E+06	1.549E-02	-6.620E-02
6	2	111.25	15	-2.101E+05	-6.706E+03	-2.983E+04	0.000E+00	-1.020E+07	2.281E+06	-1.478E-02	-6.619E-02
6	2	111.25	16	-2.101E+05	-6.706E+03	-2.983E+04	0.000E+00	-1.020E+07	2.281E+06	-1.478E-02	-6.620E-02
6	3	222.50	1	-2.070E+05	7.023E+03	2.983E+04	0.000E+00	6.879E+06	-1.608E+06	1.777E-02	7.604E-02
6	3	222.50	2	-2.070E+05	7.023E+03	2.983E+04	0.000E+00	6.878E+06	-1.608E+06	1.777E-02	7.603E-02
6	3	222.50	3	-2.069E+05	-6.706E+03	2.983E+04	0.000E+00	6.879E+06	1.535E+06	-1.696E-02	7.604E-02
6	3	222.50	4	-2.069E+05	-6.706E+03	2.983E+04	0.000E+00	6.878E+06	1.535E+06	-1.696E-02	7.603E-02
6	3	222.50	5	-2.070E+05	7.023E+03	3.161E+04	0.000E+00	7.288E+06	-1.608E+06	1.777E-02	8.056E-02
6	3	222.50	6	-2.070E+05	7.023E+03	3.161E+04	0.000E+00	7.288E+06	-1.608E+06	1.777E-02	8.056E-02
6	3	222.50	7	-2.069E+05	-6.706E+03	3.161E+04	0.000E+00	7.288E+06	1.535E+06	-1.696E-02	8.056E-02
6	3	222.50	8	-2.069E+05	-6.706E+03	3.161E+04	0.000E+00	7.288E+06	1.535E+06	-1.696E-02	8.056E-02
6	3	222.50	9	-2.070E+05	7.023E+03	-3.161E+04	0.000E+00	-7.288E+06	-1.608E+06	1.777E-02	-8.056E-02
6	3	222.50	10	-2.070E+05	7.023E+03	-3.161E+04	0.000E+00	-7.288E+06	-1.608E+06	1.777E-02	-8.056E-02
6	3	222.50	11	-2.069E+05	-6.706E+03	-3.161E+04	0.000E+00	-7.288E+06	1.535E+06	-1.696E-02	-8.056E-02
6	3	222.50	12	-2.069E+05	-6.706E+03	-3.161E+04	0.000E+00	-7.288E+06	1.535E+06	-1.696E-02	-8.056E-02
6	3	222.50	13	-2.070E+05	7.023E+03	-2.983E+04	0.000E+00	-6.878E+06	-1.608E+06	1.777E-02	-7.603E-02
6	3	222.50	14	-2.070E+05	7.023E+03	-2.983E+04	0.000E+00	-6.879E+06	-1.608E+06	1.777E-02	-7.604E-02
6	3	222.50	15	-2.069E+05	-6.706E+03	-2.983E+04	0.000E+00	-6.878E+06	1.535E+06	-1.696E-02	-7.603E-02
6	3	222.50	16	-2.069E+05	-6.706E+03	-2.983E+04	0.000E+00	-6.879E+06	1.535E+06	-1.696E-02	-7.604E-02
6	4	333.75	1	-2.038E+05	7.023E+03	2.983E+04	0.000E+00	3.560E+06	-8.264E+05	1.117E-02	4.786E-02
6	4	333.75	2	-2.038E+05	7.023E+03	2.983E+04	0.000E+00	3.560E+06	-8.264E+05	1.117E-02	4.785E-02
6	4	333.75	3	-2.038E+05	-6.706E+03	2.983E+04	0.000E+00	3.560E+06	7.886E+05	-1.066E-02	4.786E-02
6	4	333.75	4	-2.038E+05	-6.706E+03	2.983E+04	0.000E+00	3.560E+06	7.886E+05	-1.066E-02	4.785E-02
6	4	333.75	5	-2.038E+05	7.023E+03	3.161E+04	0.000E+00	3.772E+06	-8.264E+05	1.117E-02	5.070E-02
6	4	333.75	6	-2.038E+05	7.023E+03	3.161E+04	0.000E+00	3.771E+06	-8.264E+05	1.117E-02	5.070E-02
6	4	333.75	7	-2.038E+05	-6.706E+03	3.161E+04	0.000E+00	3.772E+06	7.886E+05	-1.066E-02	5.070E-02
6	4	333.75	8	-2.038E+05	-6.706E+03	3.161E+04	0.000E+00	3.771E+06	7.886E+05	-1.066E-02	5.070E-02
6	4	333.75	9	-2.038E+05	7.023E+03	-3.161E+04	0.000E+00	-3.771E+06	-8.264E+05	1.117E-02	-5.070E-02
6	4	333.75	10	-2.038E+05	7.023E+03	-3.161E+04	0.000E+00	-3.772E+06	-8.264E+05	1.117E-02	-5.070E-02
6	4	333.75	11	-2.038E+05	-6.706E+03	-3.161E+04	0.000E+00	-3.771E+06	7.886E+05	-1.066E-02	-5.070E-02
6	4	333.75	12	-2.038E+05	-6.706E+03	-3.161E+04	0.000E+00	-3.772E+06	7.886E+05	-1.066E-02	-5.070E-02
6	4	333.75	13	-2.038E+05	7.023E+03	-2.983E+04	0.000E+00	-3.560E+06	-8.264E+05	1.117E-02	-4.785E-02
6	4	333.75	14	-2.038E+05	7.023E+03	-2.983E+04	0.000E+00	-3.560E+06	-8.264E+05	1.117E-02	-4.786E-02
6	4	333.75	15	-2.038E+05	-6.706E+03	-2.983E+04	0.000E+00	-3.560E+06	7.886E+05	-1.066E-02	-4.785E-02
6	4	333.75	16	-2.038E+05	-6.706E+03	-2.983E+04	0.000E+00	-3.560E+06	7.886E+05	-1.066E-02	-4.786E-02
6	5	445.00	1	-2.007E+05	7.023E+03	2.983E+04	0.000E+00	2.445E+05	-4.509E+04	-5.373E-09	1.085E-08
6	5	445.00	2	-2.007E+05	7.023E+03	2.983E+04	0.000E+00	2.443E+05	-4.509E+04	-5.373E-09	1.085E-08
6	5	445.00	3	-2.007E+05	-6.706E+03	2.983E+04	0.000E+00	2.445E+05	4.261E+04	5.380E-09	1.085E-08
6	5	445.00	4	-2.007E+05	-6.706E+03	2.983E+04	0.000E+00	2.443E+05	4.261E+04	5.380E-09	1.085E-08
6	5	445.00	5	-2.007E+05	7.023E+03	3.161E+04	0.000E+00	2.582E+05	-4.509E+04	-5.373E-09	1.161E-08
6	5	445.00	6	-2.007E+05	7.023E+03	3.161E+04	0.000E+00	2.580E+05	-4.509E+04	-5.373E-09	1.161E-08
6	5	445.00	7	-2.007E+05	-6.706E+03	3.161E+04	0.000E+00	2.582E+05	4.261E+04	5.380E-09	1.161E-08

6	5	445.00	8	-2.007E+05	-6.706E+03	3.161E+04	0.000E+00	2.580E+05	4.261E+04	5.380E-09	1.161E-08
6	5	445.00	9	-2.007E+05	7.023E+03	-3.161E+04	0.000E+00	-2.580E+05	-4.509E+04	-5.373E-09	-1.161E-08
6	5	445.00	10	-2.007E+05	7.023E+03	-3.161E+04	0.000E+00	-2.582E+05	-4.509E+04	-5.373E-09	-1.161E-08
6	5	445.00	11	-2.007E+05	-6.706E+03	-3.161E+04	0.000E+00	-2.580E+05	4.261E+04	5.380E-09	-1.161E-08
6	5	445.00	12	-2.007E+05	-6.706E+03	-3.161E+04	0.000E+00	-2.582E+05	4.261E+04	5.380E-09	-1.161E-08
6	5	445.00	13	-2.007E+05	7.023E+03	-2.983E+04	0.000E+00	-2.443E+05	-4.509E+04	-5.373E-09	-1.085E-08
6	5	445.00	14	-2.007E+05	7.023E+03	-2.983E+04	0.000E+00	-2.445E+05	-4.509E+04	-5.373E-09	-1.085E-08
6	5	445.00	15	-2.007E+05	-6.706E+03	-2.983E+04	0.000E+00	-2.443E+05	4.261E+04	5.380E-09	-1.085E-08
6	5	445.00	16	-2.007E+05	-6.706E+03	-2.983E+04	0.000E+00	-2.445E+05	4.261E+04	5.380E-09	-1.085E-08
7	1	0.00	1	-2.155E+05	5.651E+03	2.984E+04	0.000E+00	1.483E+07	-2.879E+06	0.000E+00	0.000E+00
7	1	0.00	2	-2.155E+05	5.651E+03	2.984E+04	0.000E+00	1.483E+07	-2.879E+06	0.000E+00	0.000E+00
7	1	0.00	3	-2.155E+05	-5.920E+03	2.984E+04	0.000E+00	1.483E+07	2.856E+06	0.000E+00	0.000E+00
7	1	0.00	4	-2.155E+05	-5.920E+03	2.984E+04	0.000E+00	1.483E+07	2.856E+06	0.000E+00	0.000E+00
7	1	0.00	5	-2.155E+05	5.651E+03	3.071E+04	0.000E+00	1.527E+07	-2.879E+06	0.000E+00	0.000E+00
7	1	0.00	6	-2.155E+05	5.651E+03	3.071E+04	0.000E+00	1.527E+07	-2.879E+06	0.000E+00	0.000E+00
7	1	0.00	7	-2.155E+05	-5.920E+03	3.071E+04	0.000E+00	1.527E+07	2.856E+06	0.000E+00	0.000E+00
7	1	0.00	8	-2.155E+05	-5.920E+03	3.071E+04	0.000E+00	1.527E+07	2.856E+06	0.000E+00	0.000E+00
7	1	0.00	9	-2.155E+05	5.651E+03	-3.071E+04	0.000E+00	-1.527E+07	-2.879E+06	0.000E+00	0.000E+00
7	1	0.00	10	-2.155E+05	5.651E+03	-3.071E+04	0.000E+00	-1.527E+07	-2.879E+06	0.000E+00	0.000E+00
7	1	0.00	11	-2.155E+05	-5.920E+03	-3.071E+04	0.000E+00	-1.527E+07	2.856E+06	0.000E+00	0.000E+00
7	1	0.00	12	-2.155E+05	-5.920E+03	-3.071E+04	0.000E+00	-1.527E+07	2.856E+06	0.000E+00	0.000E+00
7	1	0.00	13	-2.155E+05	5.651E+03	-2.984E+04	0.000E+00	-1.483E+07	-2.879E+06	0.000E+00	0.000E+00
7	1	0.00	14	-2.155E+05	5.651E+03	-2.984E+04	0.000E+00	-1.483E+07	-2.879E+06	0.000E+00	0.000E+00
7	1	0.00	15	-2.155E+05	-5.920E+03	-2.984E+04	0.000E+00	-1.483E+07	2.856E+06	0.000E+00	0.000E+00
7	1	0.00	16	-2.155E+05	-5.920E+03	-2.984E+04	0.000E+00	-1.483E+07	2.856E+06	0.000E+00	0.000E+00
7	2	122.50	1	-2.120E+05	5.651E+03	2.984E+04	0.000E+00	1.118E+07	-2.187E+06	1.734E-02	8.787E-02
7	2	122.50	2	-2.120E+05	5.651E+03	2.984E+04	0.000E+00	1.118E+07	-2.187E+06	1.734E-02	8.786E-02
7	2	122.50	3	-2.120E+05	-5.920E+03	2.984E+04	0.000E+00	1.118E+07	2.131E+06	-1.656E-02	8.787E-02
7	2	122.50	4	-2.120E+05	-5.920E+03	2.984E+04	0.000E+00	1.118E+07	2.131E+06	-1.656E-02	8.786E-02
7	2	122.50	5	-2.120E+05	5.651E+03	3.071E+04	0.000E+00	1.150E+07	-2.187E+06	1.734E-02	9.043E-02
7	2	122.50	6	-2.120E+05	5.651E+03	3.071E+04	0.000E+00	1.150E+07	-2.187E+06	1.734E-02	9.042E-02
7	2	122.50	7	-2.120E+05	-5.920E+03	3.071E+04	0.000E+00	1.150E+07	2.131E+06	-1.656E-02	9.043E-02
7	2	122.50	8	-2.120E+05	-5.920E+03	3.071E+04	0.000E+00	1.150E+07	2.131E+06	-1.656E-02	9.042E-02
7	2	122.50	9	-2.120E+05	5.651E+03	-3.071E+04	0.000E+00	-1.150E+07	-2.187E+06	1.734E-02	-9.042E-02
7	2	122.50	10	-2.120E+05	5.651E+03	-3.071E+04	0.000E+00	-1.150E+07	-2.187E+06	1.734E-02	-9.043E-02
7	2	122.50	11	-2.120E+05	-5.920E+03	-3.071E+04	0.000E+00	-1.150E+07	2.131E+06	-1.656E-02	-9.042E-02
7	2	122.50	12	-2.120E+05	-5.920E+03	-3.071E+04	0.000E+00	-1.150E+07	2.131E+06	-1.656E-02	-9.043E-02
7	2	122.50	13	-2.120E+05	5.651E+03	-2.984E+04	0.000E+00	-1.118E+07	-2.187E+06	1.734E-02	-8.786E-02
7	2	122.50	14	-2.120E+05	5.651E+03	-2.984E+04	0.000E+00	-1.118E+07	-2.187E+06	1.734E-02	-8.787E-02
7	2	122.50	15	-2.120E+05	-5.920E+03	-2.984E+04	0.000E+00	-1.118E+07	2.131E+06	-1.656E-02	-8.786E-02
7	2	122.50	16	-2.120E+05	-5.920E+03	-2.984E+04	0.000E+00	-1.118E+07	2.131E+06	-1.656E-02	-8.787E-02
7	3	245.00	1	-2.086E+05	5.651E+03	2.984E+04	0.000E+00	7.523E+06	-1.495E+06	2.003E-02	1.008E-01
7	3	245.00	2	-2.086E+05	5.651E+03	2.984E+04	0.000E+00	7.523E+06	-1.495E+06	2.003E-02	1.008E-01
7	3	245.00	3	-2.085E+05	-5.920E+03	2.984E+04	0.000E+00	7.523E+06	1.406E+06	-1.884E-02	1.008E-01
7	3	245.00	4	-2.085E+05	-5.920E+03	2.984E+04	0.000E+00	7.523E+06	1.406E+06	-1.884E-02	1.008E-01
7	3	245.00	5	-2.086E+05	5.651E+03	3.071E+04	0.000E+00	7.742E+06	-1.495E+06	2.003E-02	1.038E-01
7	3	245.00	6	-2.086E+05	5.651E+03	3.071E+04	0.000E+00	7.742E+06	-1.495E+06	2.003E-02	1.038E-01
7	3	245.00	7	-2.085E+05	-5.920E+03	3.071E+04	0.000E+00	7.742E+06	1.406E+06	-1.884E-02	1.038E-01
7	3	245.00	8	-2.085E+05	-5.920E+03	3.071E+04	0.000E+00	7.742E+06	1.406E+06	-1.884E-02	1.038E-01
7	3	245.00	9	-2.086E+05	5.651E+03	-3.071E+04	0.000E+00	-7.742E+06	-1.495E+06	2.003E-02	-1.038E-01
7	3	245.00	10	-2.086E+05	5.651E+03	-3.071E+04	0.000E+00	-7.742E+06	-1.495E+06	2.003E-02	-1.038E-01
7	3	245.00	11	-2.085E+05	-5.920E+03	-3.071E+04	0.000E+00	-7.742E+06	1.406E+06	-1.884E-02	-1.038E-01
7	3	245.00	12	-2.085E+05	-5.920E+03	-3.071E+04	0.000E+00	-7.742E+06	1.406E+06	-1.884E-02	-1.038E-01
7	3	245.00	13	-2.086E+05	5.651E+03	-2.984E+04	0.000E+00	-7.523E+06	-1.495E+06	2.003E-02	-1.008E-01
7	3	245.00	14	-2.086E+05	5.651E+03	-2.984E+04	0.000E+00	-7.523E+06	-1.495E+06	2.003E-02	-1.008E-01
7	3	245.00	15	-2.085E+05	-5.920E+03	-2.984E+04	0.000E+00	-7.523E+06	1.406E+06	-1.884E-02	-1.008E-01
7	3	245.00	16	-2.085E+05	-5.920E+03	-2.984E+04	0.000E+00	-7.523E+06	1.406E+06	-1.884E-02	-1.008E-01
7	4	367.50	1	-2.051E+05	5.651E+03	2.984E+04	0.000E+00	3.867E+06	-8.026E+05	1.271E-02	6.337E-02
7	4	367.50	2	-2.051E+05	5.651E+03	2.984E+04	0.000E+00	3.867E+06	-8.026E+05	1.271E-02	6.337E-02
7	4	367.50	3	-2.051E+05	-5.920E+03	2.984E+04	0.000E+00	3.867E+06	6.804E+05	-1.170E-02	6.337E-02
7	4	367.50	4	-2.051E+05	-5.920E+03	2.984E+04	0.000E+00	3.867E+06	6.804E+05	-1.170E-02	6.337E-02
7	4	367.50	5	-2.051E+05	5.651E+03	3.071E+04	0.000E+00	3.980E+06	-8.026E+05	1.271E-02	6.522E-02

7	4	367.50	6	-2.051E+05	5.651E+03	3.071E+04	0.000E+00	3.980E+06	-8.026E+05	1.271E-02	6.521E-02
7	4	367.50	7	-2.051E+05	-5.920E+03	3.071E+04	0.000E+00	3.980E+06	6.804E+05	-1.170E-02	6.522E-02
7	4	367.50	8	-2.051E+05	-5.920E+03	3.071E+04	0.000E+00	3.980E+06	6.804E+05	-1.170E-02	6.521E-02
7	4	367.50	9	-2.051E+05	5.651E+03	-3.071E+04	0.000E+00	-3.980E+06	-8.026E+05	1.271E-02	-6.521E-02
7	4	367.50	10	-2.051E+05	5.651E+03	-3.071E+04	0.000E+00	-3.980E+06	-8.026E+05	1.271E-02	-6.522E-02
7	4	367.50	11	-2.051E+05	-5.920E+03	-3.071E+04	0.000E+00	-3.980E+06	6.804E+05	-1.170E-02	-6.521E-02
7	4	367.50	12	-2.051E+05	-5.920E+03	-3.071E+04	0.000E+00	-3.980E+06	6.804E+05	-1.170E-02	-6.522E-02
7	4	367.50	13	-2.051E+05	5.651E+03	-2.984E+04	0.000E+00	-3.867E+06	-8.026E+05	1.271E-02	-6.337E-02
7	4	367.50	14	-2.051E+05	5.651E+03	-2.984E+04	0.000E+00	-3.867E+06	-8.026E+05	1.271E-02	-6.337E-02
7	4	367.50	15	-2.051E+05	-5.920E+03	-2.984E+04	0.000E+00	-3.867E+06	6.804E+05	-1.170E-02	-6.337E-02
7	4	367.50	16	-2.051E+05	-5.920E+03	-2.984E+04	0.000E+00	-3.867E+06	6.804E+05	-1.170E-02	-6.337E-02
7	5	490.00	1	-2.016E+05	5.651E+03	2.984E+04	0.000E+00	2.147E+05	-1.103E+05	3.730E-09	-1.937E-08
7	5	490.00	2	-2.016E+05	5.651E+03	2.984E+04	0.000E+00	2.145E+05	-1.103E+05	3.730E-09	-1.937E-08
7	5	490.00	3	-2.016E+05	-5.920E+03	2.984E+04	0.000E+00	2.147E+05	-4.485E+04	-3.727E-09	-1.937E-08
7	5	490.00	4	-2.016E+05	-5.920E+03	2.984E+04	0.000E+00	2.145E+05	-4.485E+04	-3.727E-09	-1.937E-08
7	5	490.00	5	-2.016E+05	5.651E+03	3.071E+04	0.000E+00	2.207E+05	-1.103E+05	3.730E-09	-1.943E-08
7	5	490.00	6	-2.016E+05	5.651E+03	3.071E+04	0.000E+00	2.205E+05	-1.103E+05	3.730E-09	-1.943E-08
7	5	490.00	7	-2.016E+05	-5.920E+03	3.071E+04	0.000E+00	2.207E+05	-4.485E+04	-3.727E-09	-1.943E-08
7	5	490.00	8	-2.016E+05	-5.920E+03	3.071E+04	0.000E+00	2.205E+05	-4.485E+04	-3.727E-09	-1.943E-08
7	5	490.00	9	-2.016E+05	5.651E+03	-3.071E+04	0.000E+00	-2.205E+05	-1.103E+05	3.730E-09	1.943E-08
7	5	490.00	10	-2.016E+05	5.651E+03	-3.071E+04	0.000E+00	-2.207E+05	-1.103E+05	3.730E-09	1.943E-08
7	5	490.00	11	-2.016E+05	-5.920E+03	-3.071E+04	0.000E+00	-2.205E+05	-4.485E+04	-3.727E-09	1.943E-08
7	5	490.00	12	-2.016E+05	-5.920E+03	-3.071E+04	0.000E+00	-2.207E+05	-4.485E+04	-3.727E-09	1.943E-08
7	5	490.00	13	-2.016E+05	5.651E+03	-2.984E+04	0.000E+00	-2.145E+05	-1.103E+05	3.730E-09	1.937E-08
7	5	490.00	14	-2.016E+05	5.651E+03	-2.984E+04	0.000E+00	-2.147E+05	-1.103E+05	3.730E-09	1.937E-08
7	5	490.00	15	-2.016E+05	-5.920E+03	-2.984E+04	0.000E+00	-2.145E+05	-4.485E+04	-3.727E-09	1.937E-08
7	5	490.00	16	-2.016E+05	-5.920E+03	-2.984E+04	0.000E+00	-2.147E+05	-4.485E+04	-3.727E-09	1.937E-08
8	1	0.00	1	-2.167E+05	5.630E+03	3.465E+04	0.000E+00	1.757E+07	-2.846E+06	0.000E+00	0.000E+00
8	1	0.00	2	-2.167E+05	5.630E+03	3.465E+04	0.000E+00	1.757E+07	-2.846E+06	0.000E+00	0.000E+00
8	1	0.00	3	-2.167E+05	-5.641E+03	3.465E+04	0.000E+00	1.757E+07	2.852E+06	0.000E+00	0.000E+00
8	1	0.00	4	-2.167E+05	-5.641E+03	3.465E+04	0.000E+00	1.757E+07	2.852E+06	0.000E+00	0.000E+00
8	1	0.00	5	-2.167E+05	5.630E+03	3.469E+04	0.000E+00	1.759E+07	-2.846E+06	0.000E+00	0.000E+00
8	1	0.00	6	-2.167E+05	5.630E+03	3.469E+04	0.000E+00	1.759E+07	-2.846E+06	0.000E+00	0.000E+00
8	1	0.00	7	-2.167E+05	-5.641E+03	3.469E+04	0.000E+00	1.759E+07	2.852E+06	0.000E+00	0.000E+00
8	1	0.00	8	-2.167E+05	-5.641E+03	3.469E+04	0.000E+00	1.759E+07	2.852E+06	0.000E+00	0.000E+00
8	1	0.00	9	-2.167E+05	5.630E+03	-3.469E+04	0.000E+00	-1.759E+07	-2.846E+06	0.000E+00	0.000E+00
8	1	0.00	10	-2.167E+05	5.630E+03	-3.469E+04	0.000E+00	-1.759E+07	-2.846E+06	0.000E+00	0.000E+00
8	1	0.00	11	-2.167E+05	-5.641E+03	-3.469E+04	0.000E+00	-1.759E+07	2.852E+06	0.000E+00	0.000E+00
8	1	0.00	12	-2.167E+05	-5.641E+03	-3.469E+04	0.000E+00	-1.759E+07	2.852E+06	0.000E+00	0.000E+00
8	1	0.00	13	-2.167E+05	5.630E+03	-3.465E+04	0.000E+00	-1.757E+07	-2.846E+06	0.000E+00	0.000E+00
8	1	0.00	14	-2.167E+05	5.630E+03	-3.465E+04	0.000E+00	-1.757E+07	-2.846E+06	0.000E+00	0.000E+00
8	1	0.00	15	-2.167E+05	-5.641E+03	-3.465E+04	0.000E+00	-1.757E+07	2.852E+06	0.000E+00	0.000E+00
8	1	0.00	16	-2.167E+05	-5.641E+03	-3.465E+04	0.000E+00	-1.757E+07	2.852E+06	0.000E+00	0.000E+00
8	2	125.00	1	-2.132E+05	5.630E+03	3.465E+04	0.000E+00	1.324E+07	-2.143E+06	1.752E-02	1.083E-01
8	2	125.00	2	-2.132E+05	5.630E+03	3.465E+04	0.000E+00	1.324E+07	-2.143E+06	1.752E-02	1.083E-01
8	2	125.00	3	-2.132E+05	-5.641E+03	3.465E+04	0.000E+00	1.324E+07	2.147E+06	-1.755E-02	1.083E-01
8	2	125.00	4	-2.132E+05	-5.641E+03	3.465E+04	0.000E+00	1.324E+07	2.147E+06	-1.755E-02	1.083E-01
8	2	125.00	5	-2.132E+05	5.630E+03	3.469E+04	0.000E+00	1.325E+07	-2.143E+06	1.752E-02	1.085E-01
8	2	125.00	6	-2.132E+05	5.630E+03	3.469E+04	0.000E+00	1.325E+07	-2.143E+06	1.752E-02	1.085E-01
8	2	125.00	7	-2.132E+05	-5.641E+03	3.469E+04	0.000E+00	1.325E+07	2.147E+06	-1.755E-02	1.085E-01
8	2	125.00	8	-2.132E+05	-5.641E+03	3.469E+04	0.000E+00	1.325E+07	2.147E+06	-1.755E-02	1.085E-01
8	2	125.00	9	-2.132E+05	5.630E+03	-3.469E+04	0.000E+00	-1.325E+07	-2.143E+06	1.752E-02	-1.085E-01
8	2	125.00	10	-2.132E+05	5.630E+03	-3.469E+04	0.000E+00	-1.325E+07	-2.143E+06	1.752E-02	-1.085E-01
8	2	125.00	11	-2.132E+05	-5.641E+03	-3.469E+04	0.000E+00	-1.325E+07	2.147E+06	-1.755E-02	-1.085E-01
8	2	125.00	12	-2.132E+05	-5.641E+03	-3.469E+04	0.000E+00	-1.325E+07	2.147E+06	-1.755E-02	-1.085E-01
8	2	125.00	13	-2.132E+05	5.630E+03	-3.465E+04	0.000E+00	-1.324E+07	-2.143E+06	1.752E-02	-1.083E-01
8	2	125.00	14	-2.132E+05	5.630E+03	-3.465E+04	0.000E+00	-1.324E+07	-2.143E+06	1.752E-02	-1.083E-01
8	2	125.00	15	-2.132E+05	-5.641E+03	-3.465E+04	0.000E+00	-1.324E+07	2.147E+06	-1.755E-02	-1.083E-01
8	2	125.00	16	-2.132E+05	-5.641E+03	-3.465E+04	0.000E+00	-1.324E+07	2.147E+06	-1.755E-02	-1.083E-01
8	3	250.00	1	-2.097E+05	5.630E+03	3.465E+04	0.000E+00	8.907E+06	-1.439E+06	2.008E-02	1.243E-01
8	3	250.00	2	-2.097E+05	5.630E+03	3.465E+04	0.000E+00	8.907E+06	-1.439E+06	2.008E-02	1.243E-01
8	3	250.00	3	-2.096E+05	-5.641E+03	3.465E+04	0.000E+00	8.907E+06	1.442E+06	-2.012E-02	1.243E-01

8	3	250.00	4	-2.096E+05	-5.641E+03	3.465E+04	0.000E+00	8.907E+06	1.442E+06	-2.012E-02	1.243E-01
8	3	250.00	5	-2.097E+05	5.630E+03	3.469E+04	0.000E+00	8.918E+06	-1.439E+06	2.008E-02	1.244E-01
8	3	250.00	6	-2.097E+05	5.630E+03	3.469E+04	0.000E+00	8.917E+06	-1.439E+06	2.008E-02	1.244E-01
8	3	250.00	7	-2.096E+05	-5.641E+03	3.469E+04	0.000E+00	8.918E+06	1.442E+06	-2.012E-02	1.244E-01
8	3	250.00	8	-2.096E+05	-5.641E+03	3.469E+04	0.000E+00	8.917E+06	1.442E+06	-2.012E-02	1.244E-01
8	3	250.00	9	-2.097E+05	5.630E+03	-3.469E+04	0.000E+00	-8.917E+06	-1.439E+06	2.008E-02	-1.244E-01
8	3	250.00	10	-2.097E+05	5.630E+03	-3.469E+04	0.000E+00	-8.918E+06	-1.439E+06	2.008E-02	-1.244E-01
8	3	250.00	11	-2.096E+05	-5.641E+03	-3.469E+04	0.000E+00	-8.917E+06	1.442E+06	-2.012E-02	-1.244E-01
8	3	250.00	12	-2.096E+05	-5.641E+03	-3.469E+04	0.000E+00	-8.918E+06	1.442E+06	-2.012E-02	-1.244E-01
8	3	250.00	13	-2.097E+05	5.630E+03	-3.465E+04	0.000E+00	-8.907E+06	-1.439E+06	2.008E-02	-1.243E-01
8	3	250.00	14	-2.097E+05	5.630E+03	-3.465E+04	0.000E+00	-8.907E+06	-1.439E+06	2.008E-02	-1.243E-01
8	3	250.00	15	-2.096E+05	-5.641E+03	-3.465E+04	0.000E+00	-8.907E+06	1.442E+06	-2.012E-02	-1.243E-01
8	3	250.00	16	-2.096E+05	-5.641E+03	-3.465E+04	0.000E+00	-8.907E+06	1.442E+06	-2.012E-02	-1.243E-01
8	4	375.00	1	-2.061E+05	5.630E+03	3.465E+04	0.000E+00	4.576E+06	-7.353E+05	1.261E-02	7.811E-02
8	4	375.00	2	-2.061E+05	5.630E+03	3.465E+04	0.000E+00	4.576E+06	-7.353E+05	1.261E-02	7.811E-02
8	4	375.00	3	-2.061E+05	-5.641E+03	3.465E+04	0.000E+00	4.576E+06	7.369E+05	-1.263E-02	7.811E-02
8	4	375.00	4	-2.061E+05	-5.641E+03	3.465E+04	0.000E+00	4.576E+06	7.369E+05	-1.263E-02	7.811E-02
8	4	375.00	5	-2.061E+05	5.630E+03	3.469E+04	0.000E+00	4.582E+06	-7.353E+05	1.261E-02	7.821E-02
8	4	375.00	6	-2.061E+05	5.630E+03	3.469E+04	0.000E+00	4.581E+06	-7.353E+05	1.261E-02	7.820E-02
8	4	375.00	7	-2.061E+05	-5.641E+03	3.469E+04	0.000E+00	4.582E+06	7.369E+05	-1.263E-02	7.821E-02
8	4	375.00	8	-2.061E+05	-5.641E+03	3.469E+04	0.000E+00	4.581E+06	7.369E+05	-1.263E-02	7.820E-02
8	4	375.00	9	-2.061E+05	5.630E+03	-3.469E+04	0.000E+00	-4.581E+06	-7.353E+05	1.261E-02	-7.820E-02
8	4	375.00	10	-2.061E+05	5.630E+03	-3.469E+04	0.000E+00	-4.582E+06	-7.353E+05	1.261E-02	-7.821E-02
8	4	375.00	11	-2.061E+05	-5.641E+03	-3.469E+04	0.000E+00	-4.581E+06	7.369E+05	-1.263E-02	-7.820E-02
8	4	375.00	12	-2.061E+05	-5.641E+03	-3.469E+04	0.000E+00	-4.582E+06	7.369E+05	-1.263E-02	-7.821E-02
8	4	375.00	13	-2.061E+05	5.630E+03	-3.465E+04	0.000E+00	-4.576E+06	-7.353E+05	1.261E-02	-7.811E-02
8	4	375.00	14	-2.061E+05	5.630E+03	-3.465E+04	0.000E+00	-4.576E+06	-7.353E+05	1.261E-02	-7.811E-02
8	4	375.00	15	-2.061E+05	-5.641E+03	-3.465E+04	0.000E+00	-4.576E+06	7.369E+05	-1.263E-02	-7.811E-02
8	4	375.00	16	-2.061E+05	-5.641E+03	-3.465E+04	0.000E+00	-4.576E+06	7.369E+05	-1.263E-02	-7.811E-02
8	5	500.00	1	-2.026E+05	5.630E+03	3.465E+04	0.000E+00	2.471E+05	-3.162E+04	-5.094E-09	2.214E-08
8	5	500.00	2	-2.026E+05	5.630E+03	3.465E+04	0.000E+00	2.469E+05	-3.162E+04	-5.094E-09	2.214E-08
8	5	500.00	3	-2.026E+05	-5.641E+03	3.465E+04	0.000E+00	2.471E+05	3.177E+04	5.098E-09	2.214E-08
8	5	500.00	4	-2.026E+05	-5.641E+03	3.465E+04	0.000E+00	2.469E+05	3.177E+04	5.098E-09	2.214E-08
8	5	500.00	5	-2.026E+05	5.630E+03	3.469E+04	0.000E+00	2.473E+05	-3.162E+04	-5.094E-09	2.213E-08
8	5	500.00	6	-2.026E+05	5.630E+03	3.469E+04	0.000E+00	2.471E+05	-3.162E+04	-5.094E-09	2.213E-08
8	5	500.00	7	-2.026E+05	-5.641E+03	3.469E+04	0.000E+00	2.473E+05	3.177E+04	5.098E-09	2.213E-08
8	5	500.00	8	-2.026E+05	-5.641E+03	3.469E+04	0.000E+00	2.471E+05	3.177E+04	5.098E-09	2.213E-08
8	5	500.00	9	-2.026E+05	5.630E+03	-3.469E+04	0.000E+00	-2.471E+05	-3.162E+04	-5.094E-09	-2.213E-08
8	5	500.00	10	-2.026E+05	5.630E+03	-3.469E+04	0.000E+00	-2.473E+05	-3.162E+04	-5.094E-09	-2.213E-08
8	5	500.00	11	-2.026E+05	-5.641E+03	-3.469E+04	0.000E+00	-2.471E+05	3.177E+04	5.098E-09	-2.213E-08
8	5	500.00	12	-2.026E+05	-5.641E+03	-3.469E+04	0.000E+00	-2.473E+05	3.177E+04	5.098E-09	-2.213E-08
8	5	500.00	13	-2.026E+05	5.630E+03	-3.465E+04	0.000E+00	-2.469E+05	-3.162E+04	-5.094E-09	-2.214E-08
8	5	500.00	14	-2.026E+05	5.630E+03	-3.465E+04	0.000E+00	-2.471E+05	-3.162E+04	-5.094E-09	-2.214E-08
8	5	500.00	15	-2.026E+05	-5.641E+03	-3.465E+04	0.000E+00	-2.469E+05	3.177E+04	5.098E-09	-2.214E-08
8	5	500.00	16	-2.026E+05	-5.641E+03	-3.465E+04	0.000E+00	-2.471E+05	3.177E+04	5.098E-09	-2.214E-08
9	1	0.00	1	-2.162E+05	5.281E+03	3.781E+04	0.000E+00	1.973E+07	-2.672E+06	0.000E+00	0.000E+00
9	1	0.00	2	-2.162E+05	5.281E+03	3.781E+04	0.000E+00	1.973E+07	-2.672E+06	0.000E+00	0.000E+00
9	1	0.00	3	-2.162E+05	-5.039E+03	3.781E+04	0.000E+00	1.973E+07	2.701E+06	0.000E+00	0.000E+00
9	1	0.00	4	-2.162E+05	-5.039E+03	3.781E+04	0.000E+00	1.973E+07	2.701E+06	0.000E+00	0.000E+00
9	1	0.00	5	-2.162E+05	5.281E+03	3.701E+04	0.000E+00	1.932E+07	-2.672E+06	0.000E+00	0.000E+00
9	1	0.00	6	-2.162E+05	5.281E+03	3.701E+04	0.000E+00	1.932E+07	-2.672E+06	0.000E+00	0.000E+00
9	1	0.00	7	-2.162E+05	-5.039E+03	3.701E+04	0.000E+00	1.932E+07	2.701E+06	0.000E+00	0.000E+00
9	1	0.00	8	-2.162E+05	-5.039E+03	3.701E+04	0.000E+00	1.932E+07	2.701E+06	0.000E+00	0.000E+00
9	1	0.00	9	-2.162E+05	5.281E+03	-3.701E+04	0.000E+00	-1.932E+07	-2.672E+06	0.000E+00	0.000E+00
9	1	0.00	10	-2.162E+05	5.281E+03	-3.701E+04	0.000E+00	-1.932E+07	-2.672E+06	0.000E+00	0.000E+00
9	1	0.00	11	-2.162E+05	-5.039E+03	-3.701E+04	0.000E+00	-1.932E+07	2.701E+06	0.000E+00	0.000E+00
9	1	0.00	12	-2.162E+05	-5.039E+03	-3.701E+04	0.000E+00	-1.932E+07	2.701E+06	0.000E+00	0.000E+00
9	1	0.00	13	-2.162E+05	5.281E+03	-3.781E+04	0.000E+00	-1.973E+07	-2.672E+06	0.000E+00	0.000E+00
9	1	0.00	14	-2.162E+05	5.281E+03	-3.781E+04	0.000E+00	-1.973E+07	-2.672E+06	0.000E+00	0.000E+00
9	1	0.00	15	-2.162E+05	-5.039E+03	-3.781E+04	0.000E+00	-1.973E+07	2.701E+06	0.000E+00	0.000E+00
9	1	0.00	16	-2.162E+05	-5.039E+03	-3.781E+04	0.000E+00	-1.973E+07	2.701E+06	0.000E+00	0.000E+00
9	2	128.75	1	-2.126E+05	5.281E+03	3.781E+04	0.000E+00	1.486E+07	-1.992E+06	1.708E-02	1.290E-01

9	2	128.75	2	-2.126E+05	5.281E+03	3.781E+04	0.000E+00	1.486E+07	-1.992E+06	1.708E-02	1.290E-01
9	2	128.75	3	-2.125E+05	-5.039E+03	3.781E+04	0.000E+00	1.486E+07	2.052E+06	-1.798E-02	1.290E-01
9	2	128.75	4	-2.125E+05	-5.039E+03	3.781E+04	0.000E+00	1.486E+07	2.052E+06	-1.798E-02	1.290E-01
9	2	128.75	5	-2.126E+05	5.281E+03	3.701E+04	0.000E+00	1.455E+07	-1.992E+06	1.708E-02	1.263E-01
9	2	128.75	6	-2.126E+05	5.281E+03	3.701E+04	0.000E+00	1.455E+07	-1.992E+06	1.708E-02	1.263E-01
9	2	128.75	7	-2.125E+05	-5.039E+03	3.701E+04	0.000E+00	1.455E+07	2.052E+06	-1.798E-02	1.263E-01
9	2	128.75	8	-2.125E+05	-5.039E+03	3.701E+04	0.000E+00	1.455E+07	2.052E+06	-1.798E-02	1.263E-01
9	2	128.75	9	-2.126E+05	5.281E+03	-3.701E+04	0.000E+00	-1.455E+07	-1.992E+06	1.708E-02	-1.263E-01
9	2	128.75	10	-2.126E+05	5.281E+03	-3.701E+04	0.000E+00	-1.455E+07	-1.992E+06	1.708E-02	-1.263E-01
9	2	128.75	11	-2.125E+05	-5.039E+03	-3.701E+04	0.000E+00	-1.455E+07	2.052E+06	-1.798E-02	-1.263E-01
9	2	128.75	12	-2.125E+05	-5.039E+03	-3.701E+04	0.000E+00	-1.455E+07	2.052E+06	-1.798E-02	-1.263E-01
9	2	128.75	13	-2.126E+05	5.281E+03	-3.781E+04	0.000E+00	-1.486E+07	-1.992E+06	1.708E-02	-1.290E-01
9	2	128.75	14	-2.126E+05	5.281E+03	-3.781E+04	0.000E+00	-1.486E+07	-1.992E+06	1.708E-02	-1.290E-01
9	2	128.75	15	-2.125E+05	-5.039E+03	-3.781E+04	0.000E+00	-1.486E+07	2.052E+06	-1.798E-02	-1.290E-01
9	2	128.75	16	-2.125E+05	-5.039E+03	-3.781E+04	0.000E+00	-1.486E+07	2.052E+06	-1.798E-02	-1.290E-01
9	3	257.50	1	-2.089E+05	5.281E+03	3.781E+04	0.000E+00	9.996E+06	-1.312E+06	1.942E-02	1.480E-01
9	3	257.50	2	-2.089E+05	5.281E+03	3.781E+04	0.000E+00	9.996E+06	-1.312E+06	1.942E-02	1.480E-01
9	3	257.50	3	-2.089E+05	-5.039E+03	3.781E+04	0.000E+00	9.996E+06	1.403E+06	-2.077E-02	1.480E-01
9	3	257.50	4	-2.089E+05	-5.039E+03	3.781E+04	0.000E+00	9.996E+06	1.403E+06	-2.077E-02	1.480E-01
9	3	257.50	5	-2.089E+05	5.281E+03	3.701E+04	0.000E+00	9.786E+06	-1.312E+06	1.942E-02	1.449E-01
9	3	257.50	6	-2.089E+05	5.281E+03	3.701E+04	0.000E+00	9.786E+06	-1.312E+06	1.942E-02	1.449E-01
9	3	257.50	7	-2.089E+05	-5.039E+03	3.701E+04	0.000E+00	9.786E+06	1.403E+06	-2.077E-02	1.449E-01
9	3	257.50	8	-2.089E+05	-5.039E+03	3.701E+04	0.000E+00	9.786E+06	1.403E+06	-2.077E-02	1.449E-01
9	3	257.50	9	-2.089E+05	5.281E+03	-3.701E+04	0.000E+00	-9.786E+06	-1.312E+06	1.942E-02	-1.449E-01
9	3	257.50	10	-2.089E+05	5.281E+03	-3.701E+04	0.000E+00	-9.786E+06	-1.312E+06	1.942E-02	-1.449E-01
9	3	257.50	11	-2.089E+05	-5.039E+03	-3.701E+04	0.000E+00	-9.786E+06	1.403E+06	-2.077E-02	-1.449E-01
9	3	257.50	12	-2.089E+05	-5.039E+03	-3.701E+04	0.000E+00	-9.786E+06	1.403E+06	-2.077E-02	-1.449E-01
9	3	257.50	13	-2.089E+05	5.281E+03	-3.781E+04	0.000E+00	-9.996E+06	-1.312E+06	1.942E-02	-1.480E-01
9	3	257.50	14	-2.089E+05	5.281E+03	-3.781E+04	0.000E+00	-9.996E+06	-1.312E+06	1.942E-02	-1.480E-01
9	3	257.50	15	-2.089E+05	-5.039E+03	-3.781E+04	0.000E+00	-9.996E+06	1.403E+06	-2.077E-02	-1.480E-01
9	3	257.50	16	-2.089E+05	-5.039E+03	-3.781E+04	0.000E+00	-9.996E+06	1.403E+06	-2.077E-02	-1.480E-01
9	4	386.25	1	-2.053E+05	5.281E+03	3.781E+04	0.000E+00	5.129E+06	-6.318E+05	1.205E-02	9.298E-02
9	4	386.25	2	-2.053E+05	5.281E+03	3.781E+04	0.000E+00	5.128E+06	-6.318E+05	1.205E-02	9.298E-02
9	4	386.25	3	-2.053E+05	-5.039E+03	3.781E+04	0.000E+00	5.129E+06	7.543E+05	-1.318E-02	9.298E-02
9	4	386.25	4	-2.053E+05	-5.039E+03	3.781E+04	0.000E+00	5.128E+06	7.543E+05	-1.318E-02	9.298E-02
9	4	386.25	5	-2.053E+05	5.281E+03	3.701E+04	0.000E+00	5.021E+06	-6.318E+05	1.205E-02	9.103E-02
9	4	386.25	6	-2.053E+05	5.281E+03	3.701E+04	0.000E+00	5.021E+06	-6.318E+05	1.205E-02	9.103E-02
9	4	386.25	7	-2.053E+05	-5.039E+03	3.701E+04	0.000E+00	5.021E+06	7.543E+05	-1.318E-02	9.103E-02
9	4	386.25	8	-2.053E+05	-5.039E+03	3.701E+04	0.000E+00	5.021E+06	7.543E+05	-1.318E-02	9.103E-02
9	4	386.25	9	-2.053E+05	5.281E+03	-3.701E+04	0.000E+00	-5.021E+06	-6.318E+05	1.205E-02	-9.103E-02
9	4	386.25	10	-2.053E+05	5.281E+03	-3.701E+04	0.000E+00	-5.021E+06	-6.318E+05	1.205E-02	-9.103E-02
9	4	386.25	11	-2.053E+05	-5.039E+03	-3.701E+04	0.000E+00	-5.021E+06	7.543E+05	-1.318E-02	-9.103E-02
9	4	386.25	12	-2.053E+05	-5.039E+03	-3.701E+04	0.000E+00	-5.021E+06	7.543E+05	-1.318E-02	-9.103E-02
9	4	386.25	13	-2.053E+05	5.281E+03	-3.781E+04	0.000E+00	-5.128E+06	-6.318E+05	1.205E-02	-9.298E-02
9	4	386.25	14	-2.053E+05	5.281E+03	-3.781E+04	0.000E+00	-5.129E+06	-6.318E+05	1.205E-02	-9.298E-02
9	4	386.25	15	-2.053E+05	-5.039E+03	-3.781E+04	0.000E+00	-5.128E+06	7.543E+05	-1.318E-02	-9.298E-02
9	4	386.25	16	-2.053E+05	-5.039E+03	-3.781E+04	0.000E+00	-5.129E+06	7.543E+05	-1.318E-02	-9.298E-02
9	5	515.00	1	-2.016E+05	5.281E+03	3.781E+04	0.000E+00	2.621E+05	4.813E+04	1.282E-09	-1.653E-08
9	5	515.00	2	-2.016E+05	5.281E+03	3.781E+04	0.000E+00	2.620E+05	4.813E+04	1.282E-09	-1.653E-08
9	5	515.00	3	-2.016E+05	-5.039E+03	3.781E+04	0.000E+00	2.621E+05	1.055E+05	-1.132E-09	-1.653E-08
9	5	515.00	4	-2.016E+05	-5.039E+03	3.781E+04	0.000E+00	2.620E+05	1.055E+05	-1.132E-09	-1.653E-08
9	5	515.00	5	-2.016E+05	5.281E+03	3.701E+04	0.000E+00	2.565E+05	4.813E+04	1.282E-09	-1.565E-08
9	5	515.00	6	-2.016E+05	5.281E+03	3.701E+04	0.000E+00	2.563E+05	4.813E+04	1.282E-09	-1.565E-08
9	5	515.00	7	-2.016E+05	-5.039E+03	3.701E+04	0.000E+00	2.565E+05	1.055E+05	-1.132E-09	-1.565E-08
9	5	515.00	8	-2.016E+05	-5.039E+03	3.701E+04	0.000E+00	2.563E+05	1.055E+05	-1.132E-09	-1.565E-08
9	5	515.00	9	-2.016E+05	5.281E+03	-3.701E+04	0.000E+00	-2.563E+05	4.813E+04	1.282E-09	1.565E-08
9	5	515.00	10	-2.016E+05	5.281E+03	-3.701E+04	0.000E+00	-2.565E+05	4.813E+04	1.282E-09	1.565E-08
9	5	515.00	11	-2.016E+05	-5.039E+03	-3.701E+04	0.000E+00	-2.563E+05	1.055E+05	-1.132E-09	1.565E-08
9	5	515.00	12	-2.016E+05	-5.039E+03	-3.701E+04	0.000E+00	-2.565E+05	1.055E+05	-1.132E-09	1.565E-08
9	5	515.00	13	-2.016E+05	5.281E+03	-3.781E+04	0.000E+00	-2.620E+05	4.813E+04	1.282E-09	1.653E-08
9	5	515.00	14	-2.016E+05	5.281E+03	-3.781E+04	0.000E+00	-2.621E+05	4.813E+04	1.282E-09	1.653E-08
9	5	515.00	15	-2.016E+05	-5.039E+03	-3.781E+04	0.000E+00	-2.620E+05	1.055E+05	-1.132E-09	1.653E-08

9	5	515.00	16	-2.016E+05	-5.039E+03	-3.781E+04	0.000E+00	-2.621E+05	1.055E+05	-1.132E-09	1.653E-08
10	1	0.00	1	-2.152E+05	4.760E+03	3.498E+04	0.000E+00	1.825E+07	-2.476E+06	0.000E+00	0.000E+00
10	1	0.00	2	-2.152E+05	4.760E+03	3.498E+04	0.000E+00	1.825E+07	-2.476E+06	0.000E+00	0.000E+00
10	1	0.00	3	-2.152E+05	-5.005E+03	3.498E+04	0.000E+00	1.825E+07	2.604E+06	0.000E+00	0.000E+00
10	1	0.00	4	-2.152E+05	-5.005E+03	3.498E+04	0.000E+00	1.825E+07	2.604E+06	0.000E+00	0.000E+00
10	1	0.00	5	-2.152E+05	4.760E+03	3.339E+04	0.000E+00	1.742E+07	-2.476E+06	0.000E+00	0.000E+00
10	1	0.00	6	-2.152E+05	4.760E+03	3.339E+04	0.000E+00	1.742E+07	-2.476E+06	0.000E+00	0.000E+00
10	1	0.00	7	-2.152E+05	-5.005E+03	3.339E+04	0.000E+00	1.742E+07	2.604E+06	0.000E+00	0.000E+00
10	1	0.00	8	-2.152E+05	-5.005E+03	3.339E+04	0.000E+00	1.742E+07	2.604E+06	0.000E+00	0.000E+00
10	1	0.00	9	-2.152E+05	4.760E+03	-3.339E+04	0.000E+00	-1.742E+07	-2.476E+06	0.000E+00	0.000E+00
10	1	0.00	10	-2.152E+05	4.760E+03	-3.339E+04	0.000E+00	-1.742E+07	-2.476E+06	0.000E+00	0.000E+00
10	1	0.00	11	-2.152E+05	-5.005E+03	-3.339E+04	0.000E+00	-1.742E+07	2.604E+06	0.000E+00	0.000E+00
10	1	0.00	12	-2.152E+05	-5.005E+03	-3.339E+04	0.000E+00	-1.742E+07	2.604E+06	0.000E+00	0.000E+00
10	1	0.00	13	-2.152E+05	4.760E+03	-3.498E+04	0.000E+00	-1.825E+07	-2.476E+06	0.000E+00	0.000E+00
10	1	0.00	14	-2.152E+05	4.760E+03	-3.498E+04	0.000E+00	-1.825E+07	-2.476E+06	0.000E+00	0.000E+00
10	1	0.00	15	-2.152E+05	-5.005E+03	-3.498E+04	0.000E+00	-1.825E+07	2.604E+06	0.000E+00	0.000E+00
10	1	0.00	16	-2.152E+05	-5.005E+03	-3.498E+04	0.000E+00	-1.825E+07	2.604E+06	0.000E+00	0.000E+00
10	2	128.75	1	-2.116E+05	4.760E+03	3.498E+04	0.000E+00	1.375E+07	-1.863E+06	1.615E-02	1.193E-01
10	2	128.75	2	-2.116E+05	4.760E+03	3.498E+04	0.000E+00	1.375E+07	-1.863E+06	1.615E-02	1.193E-01
10	2	128.75	3	-2.116E+05	-5.005E+03	3.498E+04	0.000E+00	1.375E+07	1.960E+06	-1.699E-02	1.193E-01
10	2	128.75	4	-2.116E+05	-5.005E+03	3.498E+04	0.000E+00	1.375E+07	1.960E+06	-1.699E-02	1.193E-01
10	2	128.75	5	-2.116E+05	4.760E+03	3.339E+04	0.000E+00	1.312E+07	-1.863E+06	1.615E-02	1.139E-01
10	2	128.75	6	-2.116E+05	4.760E+03	3.339E+04	0.000E+00	1.312E+07	-1.863E+06	1.615E-02	1.139E-01
10	2	128.75	7	-2.116E+05	-5.005E+03	3.339E+04	0.000E+00	1.312E+07	1.960E+06	-1.699E-02	1.139E-01
10	2	128.75	8	-2.116E+05	-5.005E+03	3.339E+04	0.000E+00	1.312E+07	1.960E+06	-1.699E-02	1.139E-01
10	2	128.75	9	-2.116E+05	4.760E+03	-3.339E+04	0.000E+00	-1.312E+07	-1.863E+06	1.615E-02	-1.139E-01
10	2	128.75	10	-2.116E+05	4.760E+03	-3.339E+04	0.000E+00	-1.312E+07	-1.863E+06	1.615E-02	-1.139E-01
10	2	128.75	11	-2.116E+05	-5.005E+03	-3.339E+04	0.000E+00	-1.312E+07	1.960E+06	-1.699E-02	-1.139E-01
10	2	128.75	12	-2.116E+05	-5.005E+03	-3.339E+04	0.000E+00	-1.312E+07	1.960E+06	-1.699E-02	-1.139E-01
10	2	128.75	13	-2.116E+05	4.760E+03	-3.498E+04	0.000E+00	-1.375E+07	-1.863E+06	1.615E-02	-1.193E-01
10	2	128.75	14	-2.116E+05	4.760E+03	-3.498E+04	0.000E+00	-1.375E+07	-1.863E+06	1.615E-02	-1.193E-01
10	2	128.75	15	-2.116E+05	-5.005E+03	-3.498E+04	0.000E+00	-1.375E+07	1.960E+06	-1.699E-02	-1.193E-01
10	2	128.75	16	-2.116E+05	-5.005E+03	-3.498E+04	0.000E+00	-1.375E+07	1.960E+06	-1.699E-02	-1.193E-01
10	3	257.50	1	-2.080E+05	4.760E+03	3.498E+04	0.000E+00	9.245E+06	-1.250E+06	1.851E-02	1.369E-01
10	3	257.50	2	-2.080E+05	4.760E+03	3.498E+04	0.000E+00	9.245E+06	-1.250E+06	1.851E-02	1.369E-01
10	3	257.50	3	-2.079E+05	-5.005E+03	3.498E+04	0.000E+00	9.245E+06	1.315E+06	-1.948E-02	1.369E-01
10	3	257.50	4	-2.079E+05	-5.005E+03	3.498E+04	0.000E+00	9.245E+06	1.315E+06	-1.948E-02	1.369E-01
10	3	257.50	5	-2.080E+05	4.760E+03	3.339E+04	0.000E+00	8.824E+06	-1.250E+06	1.851E-02	1.306E-01
10	3	257.50	6	-2.080E+05	4.760E+03	3.339E+04	0.000E+00	8.824E+06	-1.250E+06	1.851E-02	1.306E-01
10	3	257.50	7	-2.079E+05	-5.005E+03	3.339E+04	0.000E+00	8.824E+06	1.315E+06	-1.948E-02	1.306E-01
10	3	257.50	8	-2.079E+05	-5.005E+03	3.339E+04	0.000E+00	8.824E+06	1.315E+06	-1.948E-02	1.306E-01
10	3	257.50	9	-2.080E+05	4.760E+03	-3.339E+04	0.000E+00	-8.824E+06	-1.250E+06	1.851E-02	-1.306E-01
10	3	257.50	10	-2.080E+05	4.760E+03	-3.339E+04	0.000E+00	-8.824E+06	-1.250E+06	1.851E-02	-1.306E-01
10	3	257.50	11	-2.079E+05	-5.005E+03	-3.339E+04	0.000E+00	-8.824E+06	1.315E+06	-1.948E-02	-1.306E-01
10	3	257.50	12	-2.079E+05	-5.005E+03	-3.339E+04	0.000E+00	-8.824E+06	1.315E+06	-1.948E-02	-1.306E-01
10	3	257.50	13	-2.080E+05	4.760E+03	-3.498E+04	0.000E+00	-9.245E+06	-1.250E+06	1.851E-02	-1.369E-01
10	3	257.50	14	-2.080E+05	4.760E+03	-3.498E+04	0.000E+00	-9.245E+06	-1.250E+06	1.851E-02	-1.369E-01
10	3	257.50	15	-2.079E+05	-5.005E+03	-3.498E+04	0.000E+00	-9.245E+06	1.315E+06	-1.948E-02	-1.369E-01
10	3	257.50	16	-2.079E+05	-5.005E+03	-3.498E+04	0.000E+00	-9.245E+06	1.315E+06	-1.948E-02	-1.369E-01
10	4	386.25	1	-2.043E+05	4.760E+03	3.498E+04	0.000E+00	4.741E+06	-6.375E+05	1.162E-02	8.599E-02
10	4	386.25	2	-2.043E+05	4.760E+03	3.498E+04	0.000E+00	4.741E+06	-6.375E+05	1.162E-02	8.599E-02
10	4	386.25	3	-2.043E+05	-5.005E+03	3.498E+04	0.000E+00	4.741E+06	6.711E+05	-1.222E-02	8.599E-02
10	4	386.25	4	-2.043E+05	-5.005E+03	3.498E+04	0.000E+00	4.741E+06	6.711E+05	-1.222E-02	8.599E-02
10	4	386.25	5	-2.043E+05	4.760E+03	3.339E+04	0.000E+00	4.525E+06	-6.375E+05	1.162E-02	8.207E-02
10	4	386.25	6	-2.043E+05	4.760E+03	3.339E+04	0.000E+00	4.525E+06	-6.375E+05	1.162E-02	8.207E-02
10	4	386.25	7	-2.043E+05	-5.005E+03	3.339E+04	0.000E+00	4.525E+06	6.711E+05	-1.222E-02	8.207E-02
10	4	386.25	8	-2.043E+05	-5.005E+03	3.339E+04	0.000E+00	4.525E+06	6.711E+05	-1.222E-02	8.207E-02
10	4	386.25	9	-2.043E+05	4.760E+03	-3.339E+04	0.000E+00	-4.525E+06	-6.375E+05	1.162E-02	-8.207E-02
10	4	386.25	10	-2.043E+05	4.760E+03	-3.339E+04	0.000E+00	-4.525E+06	-6.375E+05	1.162E-02	-8.207E-02
10	4	386.25	11	-2.043E+05	-5.005E+03	-3.339E+04	0.000E+00	-4.525E+06	6.711E+05	-1.222E-02	-8.207E-02
10	4	386.25	12	-2.043E+05	-5.005E+03	-3.339E+04	0.000E+00	-4.525E+06	6.711E+05	-1.222E-02	-8.207E-02
10	4	386.25	13	-2.043E+05	4.760E+03	-3.498E+04	0.000E+00	-4.741E+06	-6.375E+05	1.162E-02	-8.599E-02

10	4	386.25	14	-2.043E+05	4.760E+03	-3.498E+04	0.000E+00	-4.741E+06	-6.375E+05	1.162E-02	-8.599E-02
10	4	386.25	15	-2.043E+05	-5.005E+03	-3.498E+04	0.000E+00	-4.741E+06	6.711E+05	-1.222E-02	-8.599E-02
10	4	386.25	16	-2.043E+05	-5.005E+03	-3.498E+04	0.000E+00	-4.741E+06	6.711E+05	-1.222E-02	-8.599E-02
10	5	515.00	1	-2.007E+05	4.760E+03	3.498E+04	0.000E+00	2.391E+05	-2.464E+04	-2.535E-09	-9.706E-08
10	5	515.00	2	-2.007E+05	4.760E+03	3.498E+04	0.000E+00	2.389E+05	-2.464E+04	-2.535E-09	-9.706E-08
10	5	515.00	3	-2.007E+05	-5.005E+03	3.498E+04	0.000E+00	2.391E+05	2.665E+04	2.556E-09	-9.706E-08
10	5	515.00	4	-2.007E+05	-5.005E+03	3.498E+04	0.000E+00	2.389E+05	2.665E+04	2.556E-09	-9.706E-08
10	5	515.00	5	-2.007E+05	4.760E+03	3.339E+04	0.000E+00	2.283E+05	-2.464E+04	-2.535E-09	-9.725E-08
10	5	515.00	6	-2.007E+05	4.760E+03	3.339E+04	0.000E+00	2.281E+05	-2.464E+04	-2.535E-09	-9.725E-08
10	5	515.00	7	-2.007E+05	-5.005E+03	3.339E+04	0.000E+00	2.283E+05	2.665E+04	2.556E-09	-9.725E-08
10	5	515.00	8	-2.007E+05	-5.005E+03	3.339E+04	0.000E+00	2.281E+05	2.665E+04	2.556E-09	-9.725E-08
10	5	515.00	9	-2.007E+05	4.760E+03	-3.339E+04	0.000E+00	-2.281E+05	-2.464E+04	-2.535E-09	9.725E-08
10	5	515.00	10	-2.007E+05	4.760E+03	-3.339E+04	0.000E+00	-2.283E+05	-2.464E+04	-2.535E-09	9.725E-08
10	5	515.00	11	-2.007E+05	-5.005E+03	-3.339E+04	0.000E+00	-2.281E+05	2.665E+04	2.556E-09	9.725E-08
10	5	515.00	12	-2.007E+05	-5.005E+03	-3.339E+04	0.000E+00	-2.283E+05	2.665E+04	2.556E-09	9.725E-08
10	5	515.00	13	-2.007E+05	4.760E+03	-3.498E+04	0.000E+00	-2.389E+05	-2.464E+04	-2.535E-09	9.706E-08
10	5	515.00	14	-2.007E+05	4.760E+03	-3.498E+04	0.000E+00	-2.391E+05	-2.464E+04	-2.535E-09	9.706E-08
10	5	515.00	15	-2.007E+05	-5.005E+03	-3.498E+04	0.000E+00	-2.389E+05	2.665E+04	2.556E-09	9.706E-08
10	5	515.00	16	-2.007E+05	-5.005E+03	-3.498E+04	0.000E+00	-2.391E+05	2.665E+04	2.556E-09	9.706E-08
11	1	0.00	1	-2.133E+05	6.021E+03	3.173E+04	0.000E+00	1.439E+07	-2.719E+06	0.000E+00	0.000E+00
11	1	0.00	2	-2.133E+05	6.021E+03	3.173E+04	0.000E+00	1.439E+07	-2.719E+06	0.000E+00	0.000E+00
11	1	0.00	3	-2.132E+05	-6.544E+03	3.173E+04	0.000E+00	1.439E+07	2.955E+06	0.000E+00	0.000E+00
11	1	0.00	4	-2.132E+05	-6.544E+03	3.173E+04	0.000E+00	1.439E+07	2.955E+06	0.000E+00	0.000E+00
11	1	0.00	5	-2.133E+05	6.021E+03	2.917E+04	0.000E+00	1.323E+07	-2.719E+06	0.000E+00	0.000E+00
11	1	0.00	6	-2.133E+05	6.021E+03	2.918E+04	0.000E+00	1.323E+07	-2.719E+06	0.000E+00	0.000E+00
11	1	0.00	7	-2.132E+05	-6.544E+03	2.917E+04	0.000E+00	1.323E+07	2.955E+06	0.000E+00	0.000E+00
11	1	0.00	8	-2.132E+05	-6.544E+03	2.918E+04	0.000E+00	1.323E+07	2.955E+06	0.000E+00	0.000E+00
11	1	0.00	9	-2.133E+05	6.021E+03	-2.918E+04	0.000E+00	-1.323E+07	-2.719E+06	0.000E+00	0.000E+00
11	1	0.00	10	-2.133E+05	6.021E+03	-2.917E+04	0.000E+00	-1.323E+07	-2.719E+06	0.000E+00	0.000E+00
11	1	0.00	11	-2.132E+05	-6.544E+03	-2.918E+04	0.000E+00	-1.323E+07	2.955E+06	0.000E+00	0.000E+00
11	1	0.00	12	-2.132E+05	-6.544E+03	-2.917E+04	0.000E+00	-1.323E+07	2.955E+06	0.000E+00	0.000E+00
11	1	0.00	13	-2.133E+05	6.021E+03	-3.173E+04	0.000E+00	-1.439E+07	-2.719E+06	0.000E+00	0.000E+00
11	1	0.00	14	-2.133E+05	6.021E+03	-3.173E+04	0.000E+00	-1.439E+07	-2.719E+06	0.000E+00	0.000E+00
11	1	0.00	15	-2.132E+05	-6.544E+03	-3.173E+04	0.000E+00	-1.439E+07	2.955E+06	0.000E+00	0.000E+00
11	1	0.00	16	-2.132E+05	-6.544E+03	-3.173E+04	0.000E+00	-1.439E+07	2.955E+06	0.000E+00	0.000E+00
11	2	111.25	1	-2.101E+05	6.021E+03	3.173E+04	0.000E+00	1.086E+07	-2.049E+06	1.329E-02	7.051E-02
11	2	111.25	2	-2.101E+05	6.021E+03	3.173E+04	0.000E+00	1.086E+07	-2.049E+06	1.329E-02	7.052E-02
11	2	111.25	3	-2.101E+05	-6.544E+03	3.173E+04	0.000E+00	1.086E+07	2.227E+06	-1.444E-02	7.051E-02
11	2	111.25	4	-2.101E+05	-6.544E+03	3.173E+04	0.000E+00	1.086E+07	2.227E+06	-1.444E-02	7.052E-02
11	2	111.25	5	-2.101E+05	6.021E+03	2.917E+04	0.000E+00	9.987E+06	-2.049E+06	1.329E-02	6.485E-02
11	2	111.25	6	-2.101E+05	6.021E+03	2.918E+04	0.000E+00	9.987E+06	-2.049E+06	1.329E-02	6.486E-02
11	2	111.25	7	-2.101E+05	-6.544E+03	2.917E+04	0.000E+00	9.987E+06	2.227E+06	-1.444E-02	6.485E-02
11	2	111.25	8	-2.101E+05	-6.544E+03	2.918E+04	0.000E+00	9.987E+06	2.227E+06	-1.444E-02	6.486E-02
11	2	111.25	9	-2.101E+05	6.021E+03	-2.918E+04	0.000E+00	-9.987E+06	-2.049E+06	1.329E-02	-6.486E-02
11	2	111.25	10	-2.101E+05	6.021E+03	-2.917E+04	0.000E+00	-9.987E+06	-2.049E+06	1.329E-02	-6.485E-02
11	2	111.25	11	-2.101E+05	-6.544E+03	-2.918E+04	0.000E+00	-9.987E+06	2.227E+06	-1.444E-02	-6.486E-02
11	2	111.25	12	-2.101E+05	-6.544E+03	-2.917E+04	0.000E+00	-9.987E+06	2.227E+06	-1.444E-02	-6.485E-02
11	2	111.25	13	-2.101E+05	6.021E+03	-3.173E+04	0.000E+00	-1.086E+07	-2.049E+06	1.329E-02	-7.052E-02
11	2	111.25	14	-2.101E+05	6.021E+03	-3.173E+04	0.000E+00	-1.086E+07	-2.049E+06	1.329E-02	-7.051E-02
11	2	111.25	15	-2.101E+05	-6.544E+03	-3.173E+04	0.000E+00	-1.086E+07	2.227E+06	-1.444E-02	-7.052E-02
11	2	111.25	16	-2.101E+05	-6.544E+03	-3.173E+04	0.000E+00	-1.086E+07	2.227E+06	-1.444E-02	-7.051E-02
11	3	222.50	1	-2.070E+05	6.021E+03	3.173E+04	0.000E+00	7.329E+06	-1.379E+06	1.525E-02	8.101E-02
11	3	222.50	2	-2.070E+05	6.021E+03	3.173E+04	0.000E+00	7.329E+06	-1.379E+06	1.525E-02	8.101E-02
11	3	222.50	3	-2.070E+05	-6.544E+03	3.173E+04	0.000E+00	7.329E+06	1.499E+06	-1.657E-02	8.101E-02
11	3	222.50	4	-2.070E+05	-6.544E+03	3.173E+04	0.000E+00	7.329E+06	1.499E+06	-1.657E-02	8.101E-02
11	3	222.50	5	-2.070E+05	6.021E+03	2.917E+04	0.000E+00	6.741E+06	-1.379E+06	1.525E-02	7.451E-02
11	3	222.50	6	-2.070E+05	6.021E+03	2.918E+04	0.000E+00	6.741E+06	-1.379E+06	1.525E-02	7.452E-02
11	3	222.50	7	-2.070E+05	-6.544E+03	2.917E+04	0.000E+00	6.741E+06	1.499E+06	-1.657E-02	7.451E-02
11	3	222.50	8	-2.070E+05	-6.544E+03	2.918E+04	0.000E+00	6.741E+06	1.499E+06	-1.657E-02	7.452E-02
11	3	222.50	9	-2.070E+05	6.021E+03	-2.918E+04	0.000E+00	-6.741E+06	-1.379E+06	1.525E-02	-7.452E-02
11	3	222.50	10	-2.070E+05	6.021E+03	-2.917E+04	0.000E+00	-6.741E+06	-1.379E+06	1.525E-02	-7.451E-02
11	3	222.50	11	-2.070E+05	-6.544E+03	-2.918E+04	0.000E+00	-6.741E+06	1.499E+06	-1.657E-02	-7.452E-02

11	3	222.50	12	-2.070E+05	-6.544E+03	-2.917E+04	0.000E+00	-6.741E+06	1.499E+06	-1.657E-02	-7.451E-02
11	3	222.50	13	-2.070E+05	6.021E+03	-3.173E+04	0.000E+00	-7.329E+06	-1.379E+06	1.525E-02	-8.101E-02
11	3	222.50	14	-2.070E+05	6.021E+03	-3.173E+04	0.000E+00	-7.329E+06	-1.379E+06	1.525E-02	-8.101E-02
11	3	222.50	15	-2.070E+05	-6.544E+03	-3.173E+04	0.000E+00	-7.329E+06	1.499E+06	-1.657E-02	-8.101E-02
11	3	222.50	16	-2.070E+05	-6.544E+03	-3.173E+04	0.000E+00	-7.329E+06	1.499E+06	-1.657E-02	-8.101E-02
11	4	333.75	1	-2.038E+05	6.021E+03	3.173E+04	0.000E+00	3.799E+06	-7.096E+05	9.585E-03	5.100E-02
11	4	333.75	2	-2.038E+05	6.021E+03	3.173E+04	0.000E+00	3.799E+06	-7.096E+05	9.585E-03	5.101E-02
11	4	333.75	3	-2.038E+05	-6.544E+03	3.173E+04	0.000E+00	3.799E+06	7.711E+05	-1.042E-02	5.100E-02
11	4	333.75	4	-2.038E+05	-6.544E+03	3.173E+04	0.000E+00	3.799E+06	7.711E+05	-1.042E-02	5.101E-02
11	4	333.75	5	-2.038E+05	6.021E+03	2.917E+04	0.000E+00	3.495E+06	-7.096E+05	9.585E-03	4.692E-02
11	4	333.75	6	-2.038E+05	6.021E+03	2.918E+04	0.000E+00	3.495E+06	-7.096E+05	9.585E-03	4.692E-02
11	4	333.75	7	-2.038E+05	-6.544E+03	2.917E+04	0.000E+00	3.495E+06	7.711E+05	-1.042E-02	4.692E-02
11	4	333.75	8	-2.038E+05	-6.544E+03	2.918E+04	0.000E+00	3.495E+06	7.711E+05	-1.042E-02	4.692E-02
11	4	333.75	9	-2.038E+05	6.021E+03	-2.918E+04	0.000E+00	-3.495E+06	-7.096E+05	9.585E-03	-4.692E-02
11	4	333.75	10	-2.038E+05	6.021E+03	-2.917E+04	0.000E+00	-3.495E+06	-7.096E+05	9.585E-03	-4.692E-02
11	4	333.75	11	-2.038E+05	-6.544E+03	-2.918E+04	0.000E+00	-3.495E+06	7.711E+05	-1.042E-02	-4.692E-02
11	4	333.75	12	-2.038E+05	-6.544E+03	-2.917E+04	0.000E+00	-3.495E+06	7.711E+05	-1.042E-02	-4.692E-02
11	4	333.75	13	-2.038E+05	6.021E+03	-3.173E+04	0.000E+00	-3.799E+06	-7.096E+05	9.585E-03	-5.101E-02
11	4	333.75	14	-2.038E+05	6.021E+03	-3.173E+04	0.000E+00	-3.799E+06	-7.096E+05	9.585E-03	-5.100E-02
11	4	333.75	15	-2.038E+05	-6.544E+03	-3.173E+04	0.000E+00	-3.799E+06	7.711E+05	-1.042E-02	-5.101E-02
11	4	333.75	16	-2.038E+05	-6.544E+03	-3.173E+04	0.000E+00	-3.799E+06	7.711E+05	-1.042E-02	-5.100E-02
11	5	445.00	1	-2.007E+05	6.021E+03	3.173E+04	0.000E+00	2.711E+05	-3.980E+04	2.456E-10	1.893E-08
11	5	445.00	2	-2.007E+05	6.021E+03	3.173E+04	0.000E+00	2.710E+05	-3.980E+04	2.456E-10	1.893E-08
11	5	445.00	3	-2.007E+05	-6.544E+03	3.173E+04	0.000E+00	2.711E+05	4.310E+04	-8.144E-11	1.893E-08
11	5	445.00	4	-2.007E+05	-6.544E+03	3.173E+04	0.000E+00	2.710E+05	4.310E+04	-8.144E-11	1.893E-08
11	5	445.00	5	-2.007E+05	6.021E+03	2.917E+04	0.000E+00	2.512E+05	-3.980E+04	2.456E-10	1.510E-08
11	5	445.00	6	-2.007E+05	6.021E+03	2.918E+04	0.000E+00	2.510E+05	-3.980E+04	2.456E-10	1.510E-08
11	5	445.00	7	-2.007E+05	-6.544E+03	2.917E+04	0.000E+00	2.512E+05	4.310E+04	-8.144E-11	1.510E-08
11	5	445.00	8	-2.007E+05	-6.544E+03	2.918E+04	0.000E+00	2.510E+05	4.310E+04	-8.144E-11	1.510E-08
11	5	445.00	9	-2.007E+05	6.021E+03	-2.918E+04	0.000E+00	-2.510E+05	-3.980E+04	2.456E-10	-1.510E-08
11	5	445.00	10	-2.007E+05	6.021E+03	-2.917E+04	0.000E+00	-2.512E+05	-3.980E+04	2.456E-10	-1.510E-08
11	5	445.00	11	-2.007E+05	-6.544E+03	-2.918E+04	0.000E+00	-2.510E+05	4.310E+04	-8.144E-11	-1.510E-08
11	5	445.00	12	-2.007E+05	-6.544E+03	-2.917E+04	0.000E+00	-2.512E+05	4.310E+04	-8.144E-11	-1.510E-08
11	5	445.00	13	-2.007E+05	6.021E+03	-3.173E+04	0.000E+00	-2.710E+05	-3.980E+04	2.456E-10	-1.893E-08
11	5	445.00	14	-2.007E+05	6.021E+03	-3.173E+04	0.000E+00	-2.711E+05	-3.980E+04	2.456E-10	-1.893E-08
11	5	445.00	15	-2.007E+05	-6.544E+03	-3.173E+04	0.000E+00	-2.710E+05	4.310E+04	-8.144E-11	-1.893E-08
11	5	445.00	16	-2.007E+05	-6.544E+03	-3.173E+04	0.000E+00	-2.711E+05	4.310E+04	-8.144E-11	-1.893E-08
12	1	0.00	1	-2.157E+05	3.315E+03	4.036E+04	0.000E+00	2.164E+07	-1.772E+06	0.000E+00	0.000E+00
12	1	0.00	2	-2.157E+05	3.315E+03	4.037E+04	0.000E+00	2.164E+07	-1.772E+06	0.000E+00	0.000E+00
12	1	0.00	3	-2.156E+05	-3.776E+03	4.036E+04	0.000E+00	2.164E+07	2.020E+06	0.000E+00	0.000E+00
12	1	0.00	4	-2.156E+05	-3.776E+03	4.037E+04	0.000E+00	2.164E+07	2.020E+06	0.000E+00	0.000E+00
12	1	0.00	5	-2.157E+05	3.315E+03	3.713E+04	0.000E+00	1.990E+07	-1.772E+06	0.000E+00	0.000E+00
12	1	0.00	6	-2.157E+05	3.315E+03	3.713E+04	0.000E+00	1.990E+07	-1.772E+06	0.000E+00	0.000E+00
12	1	0.00	7	-2.156E+05	-3.776E+03	3.713E+04	0.000E+00	1.990E+07	2.020E+06	0.000E+00	0.000E+00
12	1	0.00	8	-2.156E+05	-3.776E+03	3.713E+04	0.000E+00	1.990E+07	2.020E+06	0.000E+00	0.000E+00
12	1	0.00	9	-2.157E+05	3.315E+03	-3.713E+04	0.000E+00	-1.990E+07	-1.772E+06	0.000E+00	0.000E+00
12	1	0.00	10	-2.157E+05	3.315E+03	-3.713E+04	0.000E+00	-1.990E+07	-1.772E+06	0.000E+00	0.000E+00
12	1	0.00	11	-2.156E+05	-3.776E+03	-3.713E+04	0.000E+00	-1.990E+07	2.020E+06	0.000E+00	0.000E+00
12	1	0.00	12	-2.156E+05	-3.776E+03	-3.713E+04	0.000E+00	-1.990E+07	2.020E+06	0.000E+00	0.000E+00
12	1	0.00	13	-2.157E+05	3.315E+03	-4.037E+04	0.000E+00	-2.164E+07	-1.772E+06	0.000E+00	0.000E+00
12	1	0.00	14	-2.157E+05	3.315E+03	-4.036E+04	0.000E+00	-2.164E+07	-1.772E+06	0.000E+00	0.000E+00
12	1	0.00	15	-2.156E+05	-3.776E+03	-4.037E+04	0.000E+00	-2.164E+07	2.020E+06	0.000E+00	0.000E+00
12	1	0.00	16	-2.156E+05	-3.776E+03	-4.036E+04	0.000E+00	-2.164E+07	2.020E+06	0.000E+00	0.000E+00
12	2	132.50	1	-2.119E+05	3.315E+03	4.036E+04	0.000E+00	1.629E+07	-1.333E+06	1.223E-02	1.496E-01
12	2	132.50	2	-2.119E+05	3.315E+03	4.037E+04	0.000E+00	1.629E+07	-1.333E+06	1.223E-02	1.496E-01
12	2	132.50	3	-2.119E+05	-3.776E+03	4.036E+04	0.000E+00	1.629E+07	1.520E+06	-1.395E-02	1.496E-01
12	2	132.50	4	-2.119E+05	-3.776E+03	4.037E+04	0.000E+00	1.629E+07	1.520E+06	-1.395E-02	1.496E-01
12	2	132.50	5	-2.119E+05	3.315E+03	3.713E+04	0.000E+00	1.498E+07	-1.333E+06	1.223E-02	1.376E-01
12	2	132.50	6	-2.119E+05	3.315E+03	3.713E+04	0.000E+00	1.498E+07	-1.333E+06	1.223E-02	1.376E-01
12	2	132.50	7	-2.119E+05	-3.776E+03	3.713E+04	0.000E+00	1.498E+07	1.520E+06	-1.395E-02	1.376E-01
12	2	132.50	8	-2.119E+05	-3.776E+03	3.713E+04	0.000E+00	1.498E+07	1.520E+06	-1.395E-02	1.376E-01
12	2	132.50	9	-2.119E+05	3.315E+03	-3.713E+04	0.000E+00	-1.498E+07	-1.333E+06	1.223E-02	-1.376E-01

12	2	132.50	10	-2.119E+05	3.315E+03	-3.713E+04	0.000E+00	-1.498E+07	-1.333E+06	1.223E-02	-1.376E-01
12	2	132.50	11	-2.119E+05	-3.776E+03	-3.713E+04	0.000E+00	-1.498E+07	1.520E+06	-1.395E-02	-1.376E-01
12	2	132.50	12	-2.119E+05	-3.776E+03	-3.713E+04	0.000E+00	-1.498E+07	1.520E+06	-1.395E-02	-1.376E-01
12	2	132.50	13	-2.119E+05	3.315E+03	-4.037E+04	0.000E+00	-1.629E+07	-1.333E+06	1.223E-02	-1.496E-01
12	2	132.50	14	-2.119E+05	3.315E+03	-4.036E+04	0.000E+00	-1.629E+07	-1.333E+06	1.223E-02	-1.496E-01
12	2	132.50	15	-2.119E+05	-3.776E+03	-4.037E+04	0.000E+00	-1.629E+07	1.520E+06	-1.395E-02	-1.496E-01
12	2	132.50	16	-2.119E+05	-3.776E+03	-4.036E+04	0.000E+00	-1.629E+07	1.520E+06	-1.395E-02	-1.496E-01
12	3	265.00	1	-2.082E+05	3.315E+03	4.036E+04	0.000E+00	1.094E+07	-8.937E+05	1.401E-02	1.716E-01
12	3	265.00	2	-2.082E+05	3.315E+03	4.037E+04	0.000E+00	1.094E+07	-8.937E+05	1.401E-02	1.716E-01
12	3	265.00	3	-2.082E+05	-3.776E+03	4.036E+04	0.000E+00	1.094E+07	1.019E+06	-1.598E-02	1.716E-01
12	3	265.00	4	-2.082E+05	-3.776E+03	4.037E+04	0.000E+00	1.094E+07	1.019E+06	-1.598E-02	1.716E-01
12	3	265.00	5	-2.082E+05	3.315E+03	3.713E+04	0.000E+00	1.006E+07	-8.937E+05	1.401E-02	1.578E-01
12	3	265.00	6	-2.082E+05	3.315E+03	3.713E+04	0.000E+00	1.006E+07	-8.937E+05	1.401E-02	1.578E-01
12	3	265.00	7	-2.082E+05	-3.776E+03	3.713E+04	0.000E+00	1.006E+07	1.019E+06	-1.598E-02	1.578E-01
12	3	265.00	8	-2.082E+05	-3.776E+03	3.713E+04	0.000E+00	1.006E+07	1.019E+06	-1.598E-02	1.578E-01
12	3	265.00	9	-2.082E+05	3.315E+03	-3.713E+04	0.000E+00	-1.006E+07	-8.937E+05	1.401E-02	-1.578E-01
12	3	265.00	10	-2.082E+05	3.315E+03	-3.713E+04	0.000E+00	-1.006E+07	-8.937E+05	1.401E-02	-1.578E-01
12	3	265.00	11	-2.082E+05	-3.776E+03	-3.713E+04	0.000E+00	-1.006E+07	1.019E+06	-1.598E-02	-1.578E-01
12	3	265.00	12	-2.082E+05	-3.776E+03	-3.713E+04	0.000E+00	-1.006E+07	1.019E+06	-1.598E-02	-1.578E-01
12	3	265.00	13	-2.082E+05	3.315E+03	-4.037E+04	0.000E+00	-1.094E+07	-8.937E+05	1.401E-02	-1.716E-01
12	3	265.00	14	-2.082E+05	3.315E+03	-4.036E+04	0.000E+00	-1.094E+07	-8.937E+05	1.401E-02	-1.716E-01
12	3	265.00	15	-2.082E+05	-3.776E+03	-4.037E+04	0.000E+00	-1.094E+07	1.019E+06	-1.598E-02	-1.716E-01
12	3	265.00	16	-2.082E+05	-3.776E+03	-4.036E+04	0.000E+00	-1.094E+07	1.019E+06	-1.598E-02	-1.716E-01
12	4	397.50	1	-2.044E+05	3.315E+03	4.036E+04	0.000E+00	5.594E+06	-4.544E+05	8.788E-03	1.077E-01
12	4	397.50	2	-2.044E+05	3.315E+03	4.037E+04	0.000E+00	5.594E+06	-4.544E+05	8.788E-03	1.077E-01
12	4	397.50	3	-2.044E+05	-3.776E+03	4.036E+04	0.000E+00	5.594E+06	5.191E+05	-1.003E-02	1.077E-01
12	4	397.50	4	-2.044E+05	-3.776E+03	4.037E+04	0.000E+00	5.594E+06	5.191E+05	-1.003E-02	1.077E-01
12	4	397.50	5	-2.044E+05	3.315E+03	3.713E+04	0.000E+00	5.144E+06	-4.544E+05	8.788E-03	9.906E-02
12	4	397.50	6	-2.044E+05	3.315E+03	3.713E+04	0.000E+00	5.144E+06	-4.544E+05	8.788E-03	9.907E-02
12	4	397.50	7	-2.044E+05	-3.776E+03	3.713E+04	0.000E+00	5.144E+06	5.191E+05	-1.003E-02	9.906E-02
12	4	397.50	8	-2.044E+05	-3.776E+03	3.713E+04	0.000E+00	5.144E+06	5.191E+05	-1.003E-02	9.907E-02
12	4	397.50	9	-2.044E+05	3.315E+03	-3.713E+04	0.000E+00	-5.144E+06	-4.544E+05	8.788E-03	-9.907E-02
12	4	397.50	10	-2.044E+05	3.315E+03	-3.713E+04	0.000E+00	-5.144E+06	-4.544E+05	8.788E-03	-9.906E-02
12	4	397.50	11	-2.044E+05	-3.776E+03	-3.713E+04	0.000E+00	-5.144E+06	5.191E+05	-1.003E-02	-9.907E-02
12	4	397.50	12	-2.044E+05	-3.776E+03	-3.713E+04	0.000E+00	-5.144E+06	5.191E+05	-1.003E-02	-9.906E-02
12	4	397.50	13	-2.044E+05	3.315E+03	-4.037E+04	0.000E+00	-5.594E+06	-4.544E+05	8.788E-03	-1.077E-01
12	4	397.50	14	-2.044E+05	3.315E+03	-4.036E+04	0.000E+00	-5.594E+06	-4.544E+05	8.788E-03	-1.077E-01
12	4	397.50	15	-2.044E+05	-3.776E+03	-4.037E+04	0.000E+00	-5.594E+06	5.191E+05	-1.003E-02	-1.077E-01
12	4	397.50	16	-2.044E+05	-3.776E+03	-4.036E+04	0.000E+00	-5.594E+06	5.191E+05	-1.003E-02	-1.077E-01
12	5	530.00	1	-2.007E+05	3.315E+03	4.036E+04	0.000E+00	2.474E+05	-1.511E+04	5.843E-10	-2.305E-08
12	5	530.00	2	-2.007E+05	3.315E+03	4.037E+04	0.000E+00	2.473E+05	-1.511E+04	5.843E-10	-2.306E-08
12	5	530.00	3	-2.007E+05	-3.776E+03	4.036E+04	0.000E+00	2.474E+05	1.888E+04	-3.919E-10	-2.305E-08
12	5	530.00	4	-2.007E+05	-3.776E+03	4.037E+04	0.000E+00	2.473E+05	1.888E+04	-3.919E-10	-2.306E-08
12	5	530.00	5	-2.007E+05	3.315E+03	3.713E+04	0.000E+00	2.258E+05	-1.511E+04	5.843E-10	-1.723E-08
12	5	530.00	6	-2.007E+05	3.315E+03	3.713E+04	0.000E+00	2.256E+05	-1.511E+04	5.843E-10	-1.724E-08
12	5	530.00	7	-2.007E+05	-3.776E+03	3.713E+04	0.000E+00	2.258E+05	1.888E+04	-3.919E-10	-1.723E-08
12	5	530.00	8	-2.007E+05	-3.776E+03	3.713E+04	0.000E+00	2.256E+05	1.888E+04	-3.919E-10	-1.724E-08
12	5	530.00	9	-2.007E+05	3.315E+03	-3.713E+04	0.000E+00	-2.256E+05	-1.511E+04	5.843E-10	1.724E-08
12	5	530.00	10	-2.007E+05	3.315E+03	-3.713E+04	0.000E+00	-2.258E+05	-1.511E+04	5.843E-10	1.723E-08
12	5	530.00	11	-2.007E+05	-3.776E+03	-3.713E+04	0.000E+00	-2.256E+05	1.888E+04	-3.919E-10	1.724E-08
12	5	530.00	12	-2.007E+05	-3.776E+03	-3.713E+04	0.000E+00	-2.258E+05	1.888E+04	-3.919E-10	1.723E-08
12	5	530.00	13	-2.007E+05	3.315E+03	-4.037E+04	0.000E+00	-2.473E+05	-1.511E+04	5.843E-10	2.306E-08
12	5	530.00	14	-2.007E+05	3.315E+03	-4.036E+04	0.000E+00	-2.474E+05	-1.511E+04	5.843E-10	2.305E-08
12	5	530.00	15	-2.007E+05	-3.776E+03	-4.037E+04	0.000E+00	-2.473E+05	1.888E+04	-3.919E-10	2.306E-08
12	5	530.00	16	-2.007E+05	-3.776E+03	-4.036E+04	0.000E+00	-2.474E+05	1.888E+04	-3.919E-10	2.305E-08
13	1	0.00	1	-2.145E+05	3.068E+03	3.739E+04	0.000E+00	1.858E+07	-1.523E+06	0.000E+00	0.000E+00
13	1	0.00	2	-2.145E+05	3.068E+03	3.740E+04	0.000E+00	1.858E+07	-1.523E+06	0.000E+00	0.000E+00
13	1	0.00	3	-2.145E+05	-3.784E+03	3.739E+04	0.000E+00	1.858E+07	1.879E+06	0.000E+00	0.000E+00
13	1	0.00	4	-2.145E+05	-3.784E+03	3.740E+04	0.000E+00	1.858E+07	1.879E+06	0.000E+00	0.000E+00
13	1	0.00	5	-2.145E+05	3.068E+03	3.324E+04	0.000E+00	1.651E+07	-1.523E+06	0.000E+00	0.000E+00
13	1	0.00	6	-2.145E+05	3.068E+03	3.325E+04	0.000E+00	1.652E+07	-1.523E+06	0.000E+00	0.000E+00
13	1	0.00	7	-2.145E+05	-3.784E+03	3.324E+04	0.000E+00	1.651E+07	1.879E+06	0.000E+00	0.000E+00

13	1	0.00	8	-2.145E+05	-3.784E+03	3.325E+04	0.000E+00	1.652E+07	1.879E+06	0.000E+00	0.000E+00
13	1	0.00	9	-2.145E+05	3.068E+03	-3.325E+04	0.000E+00	-1.652E+07	-1.523E+06	0.000E+00	0.000E+00
13	1	0.00	10	-2.145E+05	3.068E+03	-3.324E+04	0.000E+00	-1.651E+07	-1.523E+06	0.000E+00	0.000E+00
13	1	0.00	11	-2.145E+05	-3.784E+03	-3.325E+04	0.000E+00	-1.652E+07	1.879E+06	0.000E+00	0.000E+00
13	1	0.00	12	-2.145E+05	-3.784E+03	-3.324E+04	0.000E+00	-1.651E+07	1.879E+06	0.000E+00	0.000E+00
13	1	0.00	13	-2.145E+05	3.068E+03	-3.740E+04	0.000E+00	-1.858E+07	-1.523E+06	0.000E+00	0.000E+00
13	1	0.00	14	-2.145E+05	3.068E+03	-3.739E+04	0.000E+00	-1.858E+07	-1.523E+06	0.000E+00	0.000E+00
13	1	0.00	15	-2.145E+05	-3.784E+03	-3.740E+04	0.000E+00	-1.858E+07	1.879E+06	0.000E+00	0.000E+00
13	1	0.00	16	-2.145E+05	-3.784E+03	-3.739E+04	0.000E+00	-1.858E+07	1.879E+06	0.000E+00	0.000E+00
13	2	122.50	1	-2.111E+05	3.068E+03	3.739E+04	0.000E+00	1.400E+07	-1.148E+06	9.017E-03	1.100E-01
13	2	122.50	2	-2.111E+05	3.068E+03	3.740E+04	0.000E+00	1.400E+07	-1.148E+06	9.017E-03	1.100E-01
13	2	122.50	3	-2.111E+05	-3.784E+03	3.739E+04	0.000E+00	1.400E+07	1.416E+06	-1.112E-02	1.100E-01
13	2	122.50	4	-2.111E+05	-3.784E+03	3.740E+04	0.000E+00	1.400E+07	1.416E+06	-1.112E-02	1.100E-01
13	2	122.50	5	-2.111E+05	3.068E+03	3.324E+04	0.000E+00	1.244E+07	-1.148E+06	9.017E-03	9.777E-02
13	2	122.50	6	-2.111E+05	3.068E+03	3.325E+04	0.000E+00	1.244E+07	-1.148E+06	9.017E-03	9.779E-02
13	2	122.50	7	-2.111E+05	-3.784E+03	3.324E+04	0.000E+00	1.244E+07	1.416E+06	-1.112E-02	9.777E-02
13	2	122.50	8	-2.111E+05	-3.784E+03	3.325E+04	0.000E+00	1.244E+07	1.416E+06	-1.112E-02	9.779E-02
13	2	122.50	9	-2.111E+05	3.068E+03	-3.325E+04	0.000E+00	-1.244E+07	-1.148E+06	9.017E-03	-9.779E-02
13	2	122.50	10	-2.111E+05	3.068E+03	-3.324E+04	0.000E+00	-1.244E+07	-1.148E+06	9.017E-03	-9.777E-02
13	2	122.50	11	-2.111E+05	-3.784E+03	-3.325E+04	0.000E+00	-1.244E+07	1.416E+06	-1.112E-02	-9.779E-02
13	2	122.50	12	-2.111E+05	-3.784E+03	-3.324E+04	0.000E+00	-1.244E+07	1.416E+06	-1.112E-02	-9.777E-02
13	2	122.50	13	-2.111E+05	3.068E+03	-3.740E+04	0.000E+00	-1.400E+07	-1.148E+06	9.017E-03	-1.100E-01
13	2	122.50	14	-2.111E+05	3.068E+03	-3.739E+04	0.000E+00	-1.400E+07	-1.148E+06	9.017E-03	-1.100E-01
13	2	122.50	15	-2.111E+05	-3.784E+03	-3.740E+04	0.000E+00	-1.400E+07	1.416E+06	-1.112E-02	-1.100E-01
13	2	122.50	16	-2.111E+05	-3.784E+03	-3.739E+04	0.000E+00	-1.400E+07	1.416E+06	-1.112E-02	-1.100E-01
13	3	245.00	1	-2.076E+05	3.068E+03	3.739E+04	0.000E+00	9.416E+06	-7.718E+05	1.034E-02	1.262E-01
13	3	245.00	2	-2.076E+05	3.068E+03	3.740E+04	0.000E+00	9.417E+06	-7.718E+05	1.034E-02	1.262E-01
13	3	245.00	3	-2.076E+05	-3.784E+03	3.739E+04	0.000E+00	9.416E+06	9.520E+05	-1.276E-02	1.262E-01
13	3	245.00	4	-2.076E+05	-3.784E+03	3.740E+04	0.000E+00	9.417E+06	9.520E+05	-1.276E-02	1.262E-01
13	3	245.00	5	-2.076E+05	3.068E+03	3.324E+04	0.000E+00	8.369E+06	-7.718E+05	1.034E-02	1.122E-01
13	3	245.00	6	-2.076E+05	3.068E+03	3.325E+04	0.000E+00	8.371E+06	-7.718E+05	1.034E-02	1.122E-01
13	3	245.00	7	-2.076E+05	-3.784E+03	3.324E+04	0.000E+00	8.369E+06	9.520E+05	-1.276E-02	1.122E-01
13	3	245.00	8	-2.076E+05	-3.784E+03	3.325E+04	0.000E+00	8.371E+06	9.520E+05	-1.276E-02	1.122E-01
13	3	245.00	9	-2.076E+05	3.068E+03	-3.325E+04	0.000E+00	-8.371E+06	-7.718E+05	1.034E-02	-1.122E-01
13	3	245.00	10	-2.076E+05	3.068E+03	-3.324E+04	0.000E+00	-8.369E+06	-7.718E+05	1.034E-02	-1.122E-01
13	3	245.00	11	-2.076E+05	-3.784E+03	-3.325E+04	0.000E+00	-8.371E+06	9.520E+05	-1.276E-02	-1.122E-01
13	3	245.00	12	-2.076E+05	-3.784E+03	-3.324E+04	0.000E+00	-8.369E+06	9.520E+05	-1.276E-02	-1.122E-01
13	3	245.00	13	-2.076E+05	3.068E+03	-3.740E+04	0.000E+00	-9.417E+06	-7.718E+05	1.034E-02	-1.262E-01
13	3	245.00	14	-2.076E+05	3.068E+03	-3.739E+04	0.000E+00	-9.416E+06	-7.718E+05	1.034E-02	-1.262E-01
13	3	245.00	15	-2.076E+05	-3.784E+03	-3.740E+04	0.000E+00	-9.417E+06	9.520E+05	-1.276E-02	-1.262E-01
13	3	245.00	16	-2.076E+05	-3.784E+03	-3.739E+04	0.000E+00	-9.416E+06	9.520E+05	-1.276E-02	-1.262E-01
13	4	367.50	1	-2.041E+05	3.068E+03	3.739E+04	0.000E+00	4.836E+06	-3.959E+05	6.498E-03	7.930E-02
13	4	367.50	2	-2.041E+05	3.068E+03	3.740E+04	0.000E+00	4.836E+06	-3.959E+05	6.498E-03	7.931E-02
13	4	367.50	3	-2.041E+05	-3.784E+03	3.739E+04	0.000E+00	4.836E+06	4.885E+05	-8.017E-03	7.930E-02
13	4	367.50	4	-2.041E+05	-3.784E+03	3.740E+04	0.000E+00	4.836E+06	4.885E+05	-8.017E-03	7.931E-02
13	4	367.50	5	-2.041E+05	3.068E+03	3.324E+04	0.000E+00	4.298E+06	-3.959E+05	6.498E-03	7.049E-02
13	4	367.50	6	-2.041E+05	3.068E+03	3.325E+04	0.000E+00	4.298E+06	-3.959E+05	6.498E-03	7.050E-02
13	4	367.50	7	-2.041E+05	-3.784E+03	3.324E+04	0.000E+00	4.298E+06	4.885E+05	-8.017E-03	7.049E-02
13	4	367.50	8	-2.041E+05	-3.784E+03	3.325E+04	0.000E+00	4.298E+06	4.885E+05	-8.017E-03	7.050E-02
13	4	367.50	9	-2.041E+05	3.068E+03	-3.325E+04	0.000E+00	-4.298E+06	-3.959E+05	6.498E-03	-7.050E-02
13	4	367.50	10	-2.041E+05	3.068E+03	-3.324E+04	0.000E+00	-4.298E+06	-3.959E+05	6.498E-03	-7.049E-02
13	4	367.50	11	-2.041E+05	-3.784E+03	-3.325E+04	0.000E+00	-4.298E+06	4.885E+05	-8.017E-03	-7.050E-02
13	4	367.50	12	-2.041E+05	-3.784E+03	-3.324E+04	0.000E+00	-4.298E+06	4.885E+05	-8.017E-03	-7.049E-02
13	4	367.50	13	-2.041E+05	3.068E+03	-3.740E+04	0.000E+00	-4.836E+06	-3.959E+05	6.498E-03	-7.931E-02
13	4	367.50	14	-2.041E+05	3.068E+03	-3.739E+04	0.000E+00	-4.836E+06	-3.959E+05	6.498E-03	-7.930E-02
13	4	367.50	15	-2.041E+05	-3.784E+03	-3.740E+04	0.000E+00	-4.836E+06	4.885E+05	-8.017E-03	-7.931E-02
13	4	367.50	16	-2.041E+05	-3.784E+03	-3.739E+04	0.000E+00	-4.836E+06	4.885E+05	-8.017E-03	-7.930E-02
13	5	490.00	1	-2.007E+05	3.068E+03	3.739E+04	0.000E+00	2.588E+05	-2.014E+04	-9.691E-10	-7.154E-09
13	5	490.00	2	-2.007E+05	3.068E+03	3.740E+04	0.000E+00	2.587E+05	-2.014E+04	-9.691E-10	-7.162E-09
13	5	490.00	3	-2.007E+05	-3.784E+03	3.739E+04	0.000E+00	2.588E+05	2.492E+04	4.836E-10	-7.154E-09
13	5	490.00	4	-2.007E+05	-3.784E+03	3.740E+04	0.000E+00	2.587E+05	2.492E+04	4.836E-10	-7.162E-09
13	5	490.00	5	-2.007E+05	3.068E+03	3.324E+04	0.000E+00	2.291E+05	-2.014E+04	-9.691E-10	-8.538E-09

13	5	490.00	6	-2.007E+05	3.068E+03	3.325E+04	0.000E+00	2.290E+05	-2.014E+04	-9.691E-10	-8.546E-09
13	5	490.00	7	-2.007E+05	-3.784E+03	3.324E+04	0.000E+00	2.291E+05	2.492E+04	4.836E-10	-8.538E-09
13	5	490.00	8	-2.007E+05	-3.784E+03	3.325E+04	0.000E+00	2.290E+05	2.492E+04	4.836E-10	-8.546E-09
13	5	490.00	9	-2.007E+05	3.068E+03	-3.325E+04	0.000E+00	-2.290E+05	-2.014E+04	-9.691E-10	8.546E-09
13	5	490.00	10	-2.007E+05	3.068E+03	-3.324E+04	0.000E+00	-2.291E+05	-2.014E+04	-9.691E-10	8.538E-09
13	5	490.00	11	-2.007E+05	-3.784E+03	-3.325E+04	0.000E+00	-2.290E+05	2.492E+04	4.836E-10	8.546E-09
13	5	490.00	12	-2.007E+05	-3.784E+03	-3.324E+04	0.000E+00	-2.291E+05	2.492E+04	4.836E-10	8.538E-09
13	5	490.00	13	-2.007E+05	3.068E+03	-3.740E+04	0.000E+00	-2.587E+05	-2.014E+04	-9.691E-10	7.162E-09
13	5	490.00	14	-2.007E+05	3.068E+03	-3.739E+04	0.000E+00	-2.588E+05	-2.014E+04	-9.691E-10	7.154E-09
13	5	490.00	15	-2.007E+05	-3.784E+03	-3.740E+04	0.000E+00	-2.587E+05	2.492E+04	4.836E-10	7.162E-09
13	5	490.00	16	-2.007E+05	-3.784E+03	-3.739E+04	0.000E+00	-2.588E+05	2.492E+04	4.836E-10	7.154E-09
14	1	0.00	1	-2.137E+05	2.344E+03	3.268E+04	0.000E+00	1.524E+07	-1.090E+06	0.000E+00	0.000E+00
14	1	0.00	2	-2.137E+05	2.344E+03	3.269E+04	0.000E+00	1.525E+07	-1.090E+06	0.000E+00	0.000E+00
14	1	0.00	3	-2.137E+05	-3.377E+03	3.268E+04	0.000E+00	1.524E+07	1.573E+06	0.000E+00	0.000E+00
14	1	0.00	4	-2.137E+05	-3.377E+03	3.269E+04	0.000E+00	1.525E+07	1.573E+06	0.000E+00	0.000E+00
14	1	0.00	5	-2.137E+05	2.344E+03	2.778E+04	0.000E+00	1.295E+07	-1.090E+06	0.000E+00	0.000E+00
14	1	0.00	6	-2.137E+05	2.344E+03	2.779E+04	0.000E+00	1.296E+07	-1.090E+06	0.000E+00	0.000E+00
14	1	0.00	7	-2.137E+05	-3.377E+03	2.778E+04	0.000E+00	1.295E+07	1.573E+06	0.000E+00	0.000E+00
14	1	0.00	8	-2.137E+05	-3.377E+03	2.779E+04	0.000E+00	1.296E+07	1.573E+06	0.000E+00	0.000E+00
14	1	0.00	9	-2.137E+05	2.344E+03	-2.779E+04	0.000E+00	-1.296E+07	-1.090E+06	0.000E+00	0.000E+00
14	1	0.00	10	-2.137E+05	2.344E+03	-2.778E+04	0.000E+00	-1.295E+07	-1.090E+06	0.000E+00	0.000E+00
14	1	0.00	11	-2.137E+05	-3.377E+03	-2.779E+04	0.000E+00	-1.296E+07	1.573E+06	0.000E+00	0.000E+00
14	1	0.00	12	-2.137E+05	-3.377E+03	-2.778E+04	0.000E+00	-1.295E+07	1.573E+06	0.000E+00	0.000E+00
14	1	0.00	13	-2.137E+05	2.344E+03	-3.269E+04	0.000E+00	-1.525E+07	-1.090E+06	0.000E+00	0.000E+00
14	1	0.00	14	-2.137E+05	2.344E+03	-3.268E+04	0.000E+00	-1.524E+07	-1.090E+06	0.000E+00	0.000E+00
14	1	0.00	15	-2.137E+05	-3.377E+03	-3.269E+04	0.000E+00	-1.525E+07	1.573E+06	0.000E+00	0.000E+00
14	1	0.00	16	-2.137E+05	-3.377E+03	-3.268E+04	0.000E+00	-1.524E+07	1.573E+06	0.000E+00	0.000E+00
14	2	115.00	1	-2.104E+05	2.344E+03	3.268E+04	0.000E+00	1.148E+07	-8.200E+05	5.672E-03	7.954E-02
14	2	115.00	2	-2.104E+05	2.344E+03	3.269E+04	0.000E+00	1.149E+07	-8.200E+05	5.672E-03	7.956E-02
14	2	115.00	3	-2.104E+05	-3.377E+03	3.268E+04	0.000E+00	1.148E+07	1.185E+06	-8.202E-03	7.954E-02
14	2	115.00	4	-2.104E+05	-3.377E+03	3.269E+04	0.000E+00	1.149E+07	1.185E+06	-8.202E-03	7.956E-02
14	2	115.00	5	-2.104E+05	2.344E+03	2.778E+04	0.000E+00	9.759E+06	-8.200E+05	5.672E-03	6.759E-02
14	2	115.00	6	-2.104E+05	2.344E+03	2.779E+04	0.000E+00	9.763E+06	-8.200E+05	5.672E-03	6.761E-02
14	2	115.00	7	-2.104E+05	-3.377E+03	2.778E+04	0.000E+00	9.759E+06	1.185E+06	-8.202E-03	6.759E-02
14	2	115.00	8	-2.104E+05	-3.377E+03	2.779E+04	0.000E+00	9.763E+06	1.185E+06	-8.202E-03	6.761E-02
14	2	115.00	9	-2.104E+05	2.344E+03	-2.779E+04	0.000E+00	-9.763E+06	-8.200E+05	5.672E-03	-6.761E-02
14	2	115.00	10	-2.104E+05	2.344E+03	-2.778E+04	0.000E+00	-9.759E+06	-8.200E+05	5.672E-03	-6.759E-02
14	2	115.00	11	-2.104E+05	-3.377E+03	-2.779E+04	0.000E+00	-9.763E+06	1.185E+06	-8.202E-03	-6.761E-02
14	2	115.00	12	-2.104E+05	-3.377E+03	-2.778E+04	0.000E+00	-9.759E+06	1.185E+06	-8.202E-03	-6.759E-02
14	2	115.00	13	-2.104E+05	2.344E+03	-3.269E+04	0.000E+00	-1.149E+07	-8.200E+05	5.672E-03	-7.956E-02
14	2	115.00	14	-2.104E+05	2.344E+03	-3.268E+04	0.000E+00	-1.148E+07	-8.200E+05	5.672E-03	-7.954E-02
14	2	115.00	15	-2.104E+05	-3.377E+03	-3.269E+04	0.000E+00	-1.149E+07	1.185E+06	-8.202E-03	-7.956E-02
14	2	115.00	16	-2.104E+05	-3.377E+03	-3.268E+04	0.000E+00	-1.148E+07	1.185E+06	-8.202E-03	-7.954E-02
14	3	230.00	1	-2.072E+05	2.344E+03	3.268E+04	0.000E+00	7.726E+06	-5.505E+05	6.502E-03	9.125E-02
14	3	230.00	2	-2.072E+05	2.344E+03	3.269E+04	0.000E+00	7.728E+06	-5.505E+05	6.502E-03	9.128E-02
14	3	230.00	3	-2.072E+05	-3.377E+03	3.268E+04	0.000E+00	7.726E+06	7.964E+05	-9.407E-03	9.125E-02
14	3	230.00	4	-2.072E+05	-3.377E+03	3.269E+04	0.000E+00	7.728E+06	7.964E+05	-9.407E-03	9.128E-02
14	3	230.00	5	-2.072E+05	2.344E+03	2.778E+04	0.000E+00	6.564E+06	-5.505E+05	6.502E-03	7.754E-02
14	3	230.00	6	-2.072E+05	2.344E+03	2.779E+04	0.000E+00	6.567E+06	-5.505E+05	6.502E-03	7.757E-02
14	3	230.00	7	-2.072E+05	-3.377E+03	2.778E+04	0.000E+00	6.564E+06	7.964E+05	-9.407E-03	7.754E-02
14	3	230.00	8	-2.072E+05	-3.377E+03	2.779E+04	0.000E+00	6.567E+06	7.964E+05	-9.407E-03	7.757E-02
14	3	230.00	9	-2.072E+05	2.344E+03	-2.779E+04	0.000E+00	-6.567E+06	-5.505E+05	6.502E-03	-7.757E-02
14	3	230.00	10	-2.072E+05	2.344E+03	-2.778E+04	0.000E+00	-6.564E+06	-5.505E+05	6.502E-03	-7.754E-02
14	3	230.00	11	-2.072E+05	-3.377E+03	-2.779E+04	0.000E+00	-6.567E+06	7.964E+05	-9.407E-03	-7.757E-02
14	3	230.00	12	-2.072E+05	-3.377E+03	-2.778E+04	0.000E+00	-6.564E+06	7.964E+05	-9.407E-03	-7.754E-02
14	3	230.00	13	-2.072E+05	2.344E+03	-3.269E+04	0.000E+00	-7.728E+06	-5.505E+05	6.502E-03	-9.128E-02
14	3	230.00	14	-2.072E+05	2.344E+03	-3.268E+04	0.000E+00	-7.726E+06	-5.505E+05	6.502E-03	-9.125E-02
14	3	230.00	15	-2.072E+05	-3.377E+03	-3.269E+04	0.000E+00	-7.728E+06	7.964E+05	-9.407E-03	-9.128E-02
14	3	230.00	16	-2.072E+05	-3.377E+03	-3.268E+04	0.000E+00	-7.726E+06	7.964E+05	-9.407E-03	-9.125E-02
14	4	345.00	1	-2.039E+05	2.344E+03	3.268E+04	0.000E+00	3.967E+06	-2.809E+05	4.080E-03	5.734E-02
14	4	345.00	2	-2.039E+05	2.344E+03	3.269E+04	0.000E+00	3.968E+06	-2.809E+05	4.080E-03	5.736E-02
14	4	345.00	3	-2.039E+05	-3.377E+03	3.268E+04	0.000E+00	3.967E+06	4.081E+05	-5.908E-03	5.734E-02

14	4	345.00	4	-2.039E+05	-3.377E+03	3.269E+04	0.000E+00	3.968E+06	4.081E+05	-5.908E-03	5.736E-02
14	4	345.00	5	-2.039E+05	2.344E+03	2.778E+04	0.000E+00	3.370E+06	-2.809E+05	4.080E-03	4.872E-02
14	4	345.00	6	-2.039E+05	2.344E+03	2.779E+04	0.000E+00	3.371E+06	-2.809E+05	4.080E-03	4.874E-02
14	4	345.00	7	-2.039E+05	-3.377E+03	2.778E+04	0.000E+00	3.370E+06	4.081E+05	-5.908E-03	4.872E-02
14	4	345.00	8	-2.039E+05	-3.377E+03	2.779E+04	0.000E+00	3.371E+06	4.081E+05	-5.908E-03	4.874E-02
14	4	345.00	9	-2.039E+05	2.344E+03	-2.779E+04	0.000E+00	-3.371E+06	-2.809E+05	4.080E-03	-4.874E-02
14	4	345.00	10	-2.039E+05	2.344E+03	-2.778E+04	0.000E+00	-3.370E+06	-2.809E+05	4.080E-03	-4.872E-02
14	4	345.00	11	-2.039E+05	-3.377E+03	-2.779E+04	0.000E+00	-3.371E+06	4.081E+05	-5.908E-03	-4.874E-02
14	4	345.00	12	-2.039E+05	-3.377E+03	-2.778E+04	0.000E+00	-3.370E+06	4.081E+05	-5.908E-03	-4.872E-02
14	4	345.00	13	-2.039E+05	2.344E+03	-3.269E+04	0.000E+00	-3.968E+06	-2.809E+05	4.080E-03	-5.736E-02
14	4	345.00	14	-2.039E+05	2.344E+03	-3.268E+04	0.000E+00	-3.967E+06	-2.809E+05	4.080E-03	-5.734E-02
14	4	345.00	15	-2.039E+05	-3.377E+03	-3.269E+04	0.000E+00	-3.968E+06	4.081E+05	-5.908E-03	-5.736E-02
14	4	345.00	16	-2.039E+05	-3.377E+03	-3.268E+04	0.000E+00	-3.967E+06	4.081E+05	-5.908E-03	-5.734E-02
14	5	460.00	1	-2.007E+05	2.344E+03	3.268E+04	0.000E+00	2.121E+05	-1.138E+04	1.375E-11	-2.077E-08
14	5	460.00	2	-2.007E+05	2.344E+03	3.269E+04	0.000E+00	2.120E+05	-1.138E+04	1.375E-11	-2.076E-08
14	5	460.00	3	-2.007E+05	-3.377E+03	3.268E+04	0.000E+00	2.121E+05	1.978E+04	-1.903E-10	-2.077E-08
14	5	460.00	4	-2.007E+05	-3.377E+03	3.269E+04	0.000E+00	2.120E+05	1.978E+04	-1.903E-10	-2.076E-08
14	5	460.00	5	-2.007E+05	2.344E+03	2.778E+04	0.000E+00	1.785E+05	-1.138E+04	1.375E-11	-1.757E-08
14	5	460.00	6	-2.007E+05	2.344E+03	2.779E+04	0.000E+00	1.784E+05	-1.138E+04	1.375E-11	-1.757E-08
14	5	460.00	7	-2.007E+05	-3.377E+03	2.778E+04	0.000E+00	1.785E+05	1.978E+04	-1.903E-10	-1.757E-08
14	5	460.00	8	-2.007E+05	-3.377E+03	2.779E+04	0.000E+00	1.784E+05	1.978E+04	-1.903E-10	-1.757E-08
14	5	460.00	9	-2.007E+05	2.344E+03	-2.779E+04	0.000E+00	-1.784E+05	-1.138E+04	1.375E-11	1.757E-08
14	5	460.00	10	-2.007E+05	2.344E+03	-2.778E+04	0.000E+00	-1.785E+05	-1.138E+04	1.375E-11	1.757E-08
14	5	460.00	11	-2.007E+05	-3.377E+03	-2.779E+04	0.000E+00	-1.784E+05	1.978E+04	-1.903E-10	1.757E-08
14	5	460.00	12	-2.007E+05	-3.377E+03	-2.778E+04	0.000E+00	-1.785E+05	1.978E+04	-1.903E-10	1.757E-08
14	5	460.00	13	-2.007E+05	2.344E+03	-3.269E+04	0.000E+00	-2.120E+05	-1.138E+04	1.375E-11	2.076E-08
14	5	460.00	14	-2.007E+05	2.344E+03	-3.268E+04	0.000E+00	-2.121E+05	-1.138E+04	1.375E-11	2.077E-08
14	5	460.00	15	-2.007E+05	-3.377E+03	-3.269E+04	0.000E+00	-2.120E+05	1.978E+04	-1.903E-10	2.076E-08
14	5	460.00	16	-2.007E+05	-3.377E+03	-3.268E+04	0.000E+00	-2.121E+05	1.978E+04	-1.903E-10	2.077E-08
15	1	0.00	1	-2.108E+05	1.750E+03	2.729E+04	0.000E+00	1.001E+07	-6.450E+05	0.000E+00	0.000E+00
15	1	0.00	2	-2.108E+05	1.750E+03	2.731E+04	0.000E+00	1.002E+07	-6.450E+05	0.000E+00	0.000E+00
15	1	0.00	3	-2.108E+05	-4.011E+03	2.729E+04	0.000E+00	1.001E+07	1.476E+06	0.000E+00	0.000E+00
15	1	0.00	4	-2.108E+05	-4.011E+03	2.731E+04	0.000E+00	1.002E+07	1.476E+06	0.000E+00	0.000E+00
15	1	0.00	5	-2.108E+05	1.750E+03	2.158E+04	0.000E+00	7.920E+06	-6.450E+05	0.000E+00	0.000E+00
15	1	0.00	6	-2.108E+05	1.750E+03	2.161E+04	0.000E+00	7.928E+06	-6.450E+05	0.000E+00	0.000E+00
15	1	0.00	7	-2.108E+05	-4.011E+03	2.158E+04	0.000E+00	7.920E+06	1.476E+06	0.000E+00	0.000E+00
15	1	0.00	8	-2.108E+05	-4.011E+03	2.161E+04	0.000E+00	7.928E+06	1.476E+06	0.000E+00	0.000E+00
15	1	0.00	9	-2.108E+05	1.750E+03	-2.161E+04	0.000E+00	-7.928E+06	-6.450E+05	0.000E+00	0.000E+00
15	1	0.00	10	-2.108E+05	1.750E+03	-2.158E+04	0.000E+00	-7.920E+06	-6.450E+05	0.000E+00	0.000E+00
15	1	0.00	11	-2.108E+05	-4.011E+03	-2.161E+04	0.000E+00	-7.928E+06	1.476E+06	0.000E+00	0.000E+00
15	1	0.00	12	-2.108E+05	-4.011E+03	-2.158E+04	0.000E+00	-7.920E+06	1.476E+06	0.000E+00	0.000E+00
15	1	0.00	13	-2.108E+05	1.750E+03	-2.731E+04	0.000E+00	-1.002E+07	-6.450E+05	0.000E+00	0.000E+00
15	1	0.00	14	-2.108E+05	1.750E+03	-2.729E+04	0.000E+00	-1.001E+07	-6.450E+05	0.000E+00	0.000E+00
15	1	0.00	15	-2.108E+05	-4.011E+03	-2.731E+04	0.000E+00	-1.002E+07	1.476E+06	0.000E+00	0.000E+00
15	1	0.00	16	-2.108E+05	-4.011E+03	-2.729E+04	0.000E+00	-1.001E+07	1.476E+06	0.000E+00	0.000E+00
15	2	90.00	1	-2.083E+05	1.750E+03	2.729E+04	0.000E+00	7.557E+06	-4.875E+05	2.075E-03	3.212E-02
15	2	90.00	2	-2.083E+05	1.750E+03	2.731E+04	0.000E+00	7.563E+06	-4.875E+05	2.075E-03	3.214E-02
15	2	90.00	3	-2.083E+05	-4.011E+03	2.729E+04	0.000E+00	7.557E+06	1.115E+06	-4.744E-03	3.212E-02
15	2	90.00	4	-2.083E+05	-4.011E+03	2.731E+04	0.000E+00	7.563E+06	1.115E+06	-4.744E-03	3.214E-02
15	2	90.00	5	-2.083E+05	1.750E+03	2.158E+04	0.000E+00	5.978E+06	-4.875E+05	2.075E-03	2.541E-02
15	2	90.00	6	-2.083E+05	1.750E+03	2.161E+04	0.000E+00	5.984E+06	-4.875E+05	2.075E-03	2.543E-02
15	2	90.00	7	-2.083E+05	-4.011E+03	2.158E+04	0.000E+00	5.978E+06	1.115E+06	-4.744E-03	2.541E-02
15	2	90.00	8	-2.083E+05	-4.011E+03	2.161E+04	0.000E+00	5.984E+06	1.115E+06	-4.744E-03	2.543E-02
15	2	90.00	9	-2.083E+05	1.750E+03	-2.161E+04	0.000E+00	-5.984E+06	-4.875E+05	2.075E-03	-2.543E-02
15	2	90.00	10	-2.083E+05	1.750E+03	-2.158E+04	0.000E+00	-5.978E+06	-4.875E+05	2.075E-03	-2.541E-02
15	2	90.00	11	-2.083E+05	-4.011E+03	-2.161E+04	0.000E+00	-5.984E+06	1.115E+06	-4.744E-03	-2.543E-02
15	2	90.00	12	-2.083E+05	-4.011E+03	-2.158E+04	0.000E+00	-5.978E+06	1.115E+06	-4.744E-03	-2.541E-02
15	2	90.00	13	-2.083E+05	1.750E+03	-2.731E+04	0.000E+00	-7.563E+06	-4.875E+05	2.075E-03	-3.214E-02
15	2	90.00	14	-2.083E+05	1.750E+03	-2.729E+04	0.000E+00	-7.557E+06	-4.875E+05	2.075E-03	-3.212E-02
15	2	90.00	15	-2.083E+05	-4.011E+03	-2.731E+04	0.000E+00	-7.563E+06	1.115E+06	-4.744E-03	-3.214E-02
15	2	90.00	16	-2.083E+05	-4.011E+03	-2.729E+04	0.000E+00	-7.557E+06	1.115E+06	-4.744E-03	-3.212E-02
15	3	180.00	1	-2.058E+05	1.750E+03	2.729E+04	0.000E+00	5.101E+06	-3.300E+05	2.387E-03	3.690E-02

15	3	180.00	2	-2.058E+05	1.750E+03	2.731E+04	0.000E+00	5.105E+06	-3.300E+05	2.387E-03	3.693E-02
15	3	180.00	3	-2.058E+05	-4.011E+03	2.729E+04	0.000E+00	5.101E+06	7.540E+05	-5.455E-03	3.690E-02
15	3	180.00	4	-2.058E+05	-4.011E+03	2.731E+04	0.000E+00	5.105E+06	7.540E+05	-5.455E-03	3.693E-02
15	3	180.00	5	-2.058E+05	1.750E+03	2.158E+04	0.000E+00	4.035E+06	-3.300E+05	2.387E-03	2.919E-02
15	3	180.00	6	-2.058E+05	1.750E+03	2.161E+04	0.000E+00	4.039E+06	-3.300E+05	2.387E-03	2.922E-02
15	3	180.00	7	-2.058E+05	-4.011E+03	2.158E+04	0.000E+00	4.035E+06	7.540E+05	-5.455E-03	2.919E-02
15	3	180.00	8	-2.058E+05	-4.011E+03	2.161E+04	0.000E+00	4.039E+06	7.540E+05	-5.455E-03	2.922E-02
15	3	180.00	9	-2.058E+05	1.750E+03	-2.161E+04	0.000E+00	-4.039E+06	-3.300E+05	2.387E-03	-2.922E-02
15	3	180.00	10	-2.058E+05	1.750E+03	-2.158E+04	0.000E+00	-4.035E+06	-3.300E+05	2.387E-03	-2.919E-02
15	3	180.00	11	-2.058E+05	-4.011E+03	-2.161E+04	0.000E+00	-4.039E+06	7.540E+05	-5.455E-03	-2.922E-02
15	3	180.00	12	-2.058E+05	-4.011E+03	-2.158E+04	0.000E+00	-4.035E+06	7.540E+05	-5.455E-03	-2.919E-02
15	3	180.00	13	-2.058E+05	1.750E+03	-2.731E+04	0.000E+00	-5.105E+06	-3.300E+05	2.387E-03	-3.693E-02
15	3	180.00	14	-2.058E+05	1.750E+03	-2.729E+04	0.000E+00	-5.101E+06	-3.300E+05	2.387E-03	-3.690E-02
15	3	180.00	15	-2.058E+05	-4.011E+03	-2.731E+04	0.000E+00	-5.105E+06	7.540E+05	-5.455E-03	-3.693E-02
15	3	180.00	16	-2.058E+05	-4.011E+03	-2.729E+04	0.000E+00	-5.101E+06	7.540E+05	-5.455E-03	-3.690E-02
15	4	270.00	1	-2.032E+05	1.750E+03	2.729E+04	0.000E+00	2.645E+06	-1.725E+05	1.506E-03	2.323E-02
15	4	270.00	2	-2.032E+05	1.750E+03	2.731E+04	0.000E+00	2.647E+06	-1.725E+05	1.506E-03	2.325E-02
15	4	270.00	3	-2.032E+05	-4.011E+03	2.729E+04	0.000E+00	2.645E+06	3.930E+05	-3.438E-03	2.323E-02
15	4	270.00	4	-2.032E+05	-4.011E+03	2.731E+04	0.000E+00	2.647E+06	3.930E+05	-3.438E-03	2.325E-02
15	4	270.00	5	-2.032E+05	1.750E+03	2.158E+04	0.000E+00	2.093E+06	-1.725E+05	1.506E-03	1.838E-02
15	4	270.00	6	-2.032E+05	1.750E+03	2.161E+04	0.000E+00	2.095E+06	-1.725E+05	1.506E-03	1.840E-02
15	4	270.00	7	-2.032E+05	-4.011E+03	2.158E+04	0.000E+00	2.093E+06	3.930E+05	-3.438E-03	1.838E-02
15	4	270.00	8	-2.032E+05	-4.011E+03	2.161E+04	0.000E+00	2.095E+06	3.930E+05	-3.438E-03	1.840E-02
15	4	270.00	9	-2.032E+05	1.750E+03	-2.161E+04	0.000E+00	-2.095E+06	-1.725E+05	1.506E-03	-1.840E-02
15	4	270.00	10	-2.032E+05	1.750E+03	-2.158E+04	0.000E+00	-2.093E+06	-1.725E+05	1.506E-03	-1.838E-02
15	4	270.00	11	-2.032E+05	-4.011E+03	-2.161E+04	0.000E+00	-2.095E+06	3.930E+05	-3.438E-03	-1.840E-02
15	4	270.00	12	-2.032E+05	-4.011E+03	-2.158E+04	0.000E+00	-2.093E+06	3.930E+05	-3.438E-03	-1.838E-02
15	4	270.00	13	-2.032E+05	1.750E+03	-2.731E+04	0.000E+00	-2.647E+06	-1.725E+05	1.506E-03	-2.325E-02
15	4	270.00	14	-2.032E+05	1.750E+03	-2.729E+04	0.000E+00	-2.645E+06	-1.725E+05	1.506E-03	-2.323E-02
15	4	270.00	15	-2.032E+05	-4.011E+03	-2.731E+04	0.000E+00	-2.647E+06	3.930E+05	-3.438E-03	-2.325E-02
15	4	270.00	16	-2.032E+05	-4.011E+03	-2.729E+04	0.000E+00	-2.645E+06	3.930E+05	-3.438E-03	-2.323E-02
15	5	360.00	1	-2.007E+05	1.750E+03	2.729E+04	0.000E+00	1.907E+05	-1.499E+04	-2.850E-10	-2.165E-09
15	5	360.00	2	-2.007E+05	1.750E+03	2.731E+04	0.000E+00	1.907E+05	-1.499E+04	-2.850E-10	-2.162E-09
15	5	360.00	3	-2.007E+05	-4.011E+03	2.729E+04	0.000E+00	1.907E+05	3.205E+04	1.379E-10	-2.165E-09
15	5	360.00	4	-2.007E+05	-4.011E+03	2.731E+04	0.000E+00	1.907E+05	3.205E+04	1.379E-10	-2.162E-09
15	5	360.00	5	-2.007E+05	1.750E+03	2.158E+04	0.000E+00	1.524E+05	-1.499E+04	-2.850E-10	-1.755E-09
15	5	360.00	6	-2.007E+05	1.750E+03	2.161E+04	0.000E+00	1.524E+05	-1.499E+04	-2.850E-10	-1.752E-09
15	5	360.00	7	-2.007E+05	-4.011E+03	2.158E+04	0.000E+00	1.524E+05	3.205E+04	1.379E-10	-1.755E-09
15	5	360.00	8	-2.007E+05	-4.011E+03	2.161E+04	0.000E+00	1.524E+05	3.205E+04	1.379E-10	-1.752E-09
15	5	360.00	9	-2.007E+05	1.750E+03	-2.161E+04	0.000E+00	-1.524E+05	-1.499E+04	-2.850E-10	1.752E-09
15	5	360.00	10	-2.007E+05	1.750E+03	-2.158E+04	0.000E+00	-1.524E+05	-1.499E+04	-2.850E-10	1.755E-09
15	5	360.00	11	-2.007E+05	-4.011E+03	-2.161E+04	0.000E+00	-1.524E+05	3.205E+04	1.379E-10	1.752E-09
15	5	360.00	12	-2.007E+05	-4.011E+03	-2.158E+04	0.000E+00	-1.524E+05	3.205E+04	1.379E-10	1.755E-09
15	5	360.00	13	-2.007E+05	1.750E+03	-2.731E+04	0.000E+00	-1.907E+05	-1.499E+04	-2.850E-10	2.162E-09
15	5	360.00	14	-2.007E+05	1.750E+03	-2.729E+04	0.000E+00	-1.907E+05	-1.499E+04	-2.850E-10	2.165E-09
15	5	360.00	15	-2.007E+05	-4.011E+03	-2.731E+04	0.000E+00	-1.907E+05	3.205E+04	1.379E-10	2.162E-09
15	5	360.00	16	-2.007E+05	-4.011E+03	-2.729E+04	0.000E+00	-1.907E+05	3.205E+04	1.379E-10	2.165E-09
197	1	0.00	1	-4.055E+01	-5.877E-02	-5.843E+01	-3.879E-11	-2.495E-08	4.545E-08	0.000E+00	0.000E+00
197	1	0.00	2	-4.416E+01	-6.399E-02	-5.843E+01	-3.886E-11	-2.493E-08	4.545E-08	0.000E+00	0.000E+00
197	1	0.00	3	4.416E+01	6.399E-02	-5.843E+01	-3.877E-11	-2.493E-08	4.992E-08	0.000E+00	0.000E+00
197	1	0.00	4	4.055E+01	5.877E-02	-5.843E+01	-3.884E-11	-2.491E-08	4.992E-08	0.000E+00	0.000E+00
197	1	0.00	5	-4.055E+01	-5.877E-02	-6.325E+01	-4.104E-11	-2.565E-08	4.510E-08	0.000E+00	0.000E+00
197	1	0.00	6	-4.416E+01	-6.399E-02	-6.325E+01	-4.111E-11	-2.562E-08	4.510E-08	0.000E+00	0.000E+00
197	1	0.00	7	4.416E+01	6.399E-02	-6.325E+01	-4.103E-11	-2.563E-08	4.957E-08	0.000E+00	0.000E+00
197	1	0.00	8	4.055E+01	5.877E-02	-6.325E+01	-4.110E-11	-2.561E-08	4.957E-08	0.000E+00	0.000E+00
197	1	0.00	9	-4.055E+01	-5.877E-02	6.325E+01	4.139E-11	2.548E-08	6.489E-08	0.000E+00	0.000E+00
197	1	0.00	10	-4.416E+01	-6.399E-02	6.325E+01	4.132E-11	2.550E-08	6.489E-08	0.000E+00	0.000E+00
197	1	0.00	11	4.416E+01	6.399E-02	6.325E+01	4.140E-11	2.550E-08	6.936E-08	0.000E+00	0.000E+00
197	1	0.00	12	4.055E+01	5.877E-02	6.325E+01	4.134E-11	2.552E-08	6.936E-08	0.000E+00	0.000E+00
197	1	0.00	13	-4.055E+01	-5.877E-02	5.843E+01	3.913E-11	2.478E-08	6.454E-08	0.000E+00	0.000E+00
197	1	0.00	14	-4.416E+01	-6.399E-02	5.843E+01	3.907E-11	2.481E-08	6.454E-08	0.000E+00	0.000E+00
197	1	0.00	15	4.416E+01	6.399E-02	5.843E+01	3.915E-11	2.480E-08	6.901E-08	0.000E+00	0.000E+00

197	1	0.00	16	4.055E+01	5.877E-02	5.843E+01	3.908E-11	2.482E-08	6.901E-08	0.000E+00	0.000E+00
197	2	17.25	1	-4.013E+01	-2.921E+02	-5.843E+01	-3.879E-11	1.008E+03	-2.520E+03	-9.561E-06	2.025E-07
197	2	17.25	2	-4.373E+01	-2.921E+02	-5.843E+01	-3.886E-11	1.008E+03	-2.520E+03	-9.561E-06	2.025E-07
197	2	17.25	3	4.458E+01	-2.919E+02	-5.843E+01	-3.877E-11	1.008E+03	-2.517E+03	-9.561E-06	2.025E-07
197	2	17.25	4	4.098E+01	-2.919E+02	-5.843E+01	-3.884E-11	1.008E+03	-2.517E+03	-9.561E-06	2.025E-07
197	2	17.25	5	-4.013E+01	-2.921E+02	-6.325E+01	-4.104E-11	1.091E+03	-2.520E+03	-9.561E-06	2.193E-07
197	2	17.25	6	-4.373E+01	-2.921E+02	-6.325E+01	-4.111E-11	1.091E+03	-2.520E+03	-9.561E-06	2.193E-07
197	2	17.25	7	4.458E+01	-2.919E+02	-6.325E+01	-4.103E-11	1.091E+03	-2.517E+03	-9.561E-06	2.193E-07
197	2	17.25	8	4.098E+01	-2.919E+02	-6.325E+01	-4.110E-11	1.091E+03	-2.517E+03	-9.561E-06	2.193E-07
197	2	17.25	9	-4.013E+01	-2.921E+02	6.325E+01	4.139E-11	-1.091E+03	-2.520E+03	-9.561E-06	-2.193E-07
197	2	17.25	10	-4.373E+01	-2.921E+02	6.325E+01	4.132E-11	-1.091E+03	-2.520E+03	-9.561E-06	-2.193E-07
197	2	17.25	11	4.458E+01	-2.919E+02	6.325E+01	4.140E-11	-1.091E+03	-2.517E+03	-9.561E-06	-2.193E-07
197	2	17.25	12	4.098E+01	-2.919E+02	6.325E+01	4.134E-11	-1.091E+03	-2.517E+03	-9.561E-06	-2.193E-07
197	2	17.25	13	-4.013E+01	-2.921E+02	5.843E+01	3.913E-11	-1.008E+03	-2.520E+03	-9.561E-06	-2.025E-07
197	2	17.25	14	-4.373E+01	-2.921E+02	5.843E+01	3.907E-11	-1.008E+03	-2.520E+03	-9.561E-06	-2.025E-07
197	2	17.25	15	4.458E+01	-2.919E+02	5.843E+01	3.915E-11	-1.008E+03	-2.517E+03	-9.561E-06	-2.025E-07
197	2	17.25	16	4.098E+01	-2.919E+02	5.843E+01	3.908E-11	-1.008E+03	-2.517E+03	-9.561E-06	-2.025E-07
197	3	34.50	1	-3.971E+01	-5.841E+02	-5.843E+01	-3.879E-11	2.016E+03	-1.008E+04	-1.254E-05	3.240E-07
197	3	34.50	2	-4.331E+01	-5.841E+02	-5.843E+01	-3.886E-11	2.016E+03	-1.008E+04	-1.254E-05	3.240E-07
197	3	34.50	3	4.500E+01	-5.839E+02	-5.843E+01	-3.877E-11	2.016E+03	-1.007E+04	-1.254E-05	3.240E-07
197	3	34.50	4	4.140E+01	-5.839E+02	-5.843E+01	-3.884E-11	2.016E+03	-1.007E+04	-1.254E-05	3.240E-07
197	3	34.50	5	-3.971E+01	-5.841E+02	-6.325E+01	-4.104E-11	2.182E+03	-1.008E+04	-1.254E-05	3.508E-07
197	3	34.50	6	-4.331E+01	-5.841E+02	-6.325E+01	-4.111E-11	2.182E+03	-1.008E+04	-1.254E-05	3.508E-07
197	3	34.50	7	4.500E+01	-5.839E+02	-6.325E+01	-4.103E-11	2.182E+03	-1.007E+04	-1.254E-05	3.508E-07
197	3	34.50	8	4.140E+01	-5.839E+02	-6.325E+01	-4.110E-11	2.182E+03	-1.007E+04	-1.254E-05	3.508E-07
197	3	34.50	9	-3.971E+01	-5.841E+02	6.325E+01	4.139E-11	-2.182E+03	-1.008E+04	-1.254E-05	-3.508E-07
197	3	34.50	10	-4.331E+01	-5.841E+02	6.325E+01	4.132E-11	-2.182E+03	-1.008E+04	-1.254E-05	-3.508E-07
197	3	34.50	11	4.500E+01	-5.839E+02	6.325E+01	4.140E-11	-2.182E+03	-1.007E+04	-1.254E-05	-3.508E-07
197	3	34.50	12	4.140E+01	-5.839E+02	6.325E+01	4.134E-11	-2.182E+03	-1.007E+04	-1.254E-05	-3.508E-07
197	3	34.50	13	-3.971E+01	-5.841E+02	5.843E+01	3.913E-11	-2.016E+03	-1.008E+04	-1.254E-05	-3.240E-07
197	3	34.50	14	-4.331E+01	-5.841E+02	5.843E+01	3.907E-11	-2.016E+03	-1.008E+04	-1.254E-05	-3.240E-07
197	3	34.50	15	4.500E+01	-5.839E+02	5.843E+01	3.915E-11	-2.016E+03	-1.007E+04	-1.254E-05	-3.240E-07
197	3	34.50	16	4.140E+01	-5.839E+02	5.843E+01	3.908E-11	-2.016E+03	-1.007E+04	-1.254E-05	-3.240E-07
197	4	51.75	1	-3.928E+01	-8.761E+02	-5.843E+01	-3.879E-11	3.024E+03	-2.267E+04	-9.208E-06	2.835E-07
197	4	51.75	2	-4.289E+01	-8.761E+02	-5.843E+01	-3.886E-11	3.024E+03	-2.267E+04	-9.208E-06	2.835E-07
197	4	51.75	3	4.542E+01	-8.759E+02	-5.843E+01	-3.877E-11	3.024E+03	-2.266E+04	-9.209E-06	2.835E-07
197	4	51.75	4	4.182E+01	-8.759E+02	-5.843E+01	-3.884E-11	3.024E+03	-2.266E+04	-9.209E-06	2.835E-07
197	4	51.75	5	-3.928E+01	-8.761E+02	-6.325E+01	-4.104E-11	3.273E+03	-2.267E+04	-9.208E-06	3.070E-07
197	4	51.75	6	-4.289E+01	-8.761E+02	-6.325E+01	-4.111E-11	3.273E+03	-2.267E+04	-9.208E-06	3.070E-07
197	4	51.75	7	4.542E+01	-8.759E+02	-6.325E+01	-4.103E-11	3.273E+03	-2.266E+04	-9.209E-06	3.070E-07
197	4	51.75	8	4.182E+01	-8.759E+02	-6.325E+01	-4.110E-11	3.273E+03	-2.266E+04	-9.209E-06	3.070E-07
197	4	51.75	9	-3.928E+01	-8.761E+02	6.325E+01	4.139E-11	-3.273E+03	-2.267E+04	-9.208E-06	-3.070E-07
197	4	51.75	10	-4.289E+01	-8.761E+02	6.325E+01	4.132E-11	-3.273E+03	-2.267E+04	-9.208E-06	-3.070E-07
197	4	51.75	11	4.542E+01	-8.759E+02	6.325E+01	4.140E-11	-3.273E+03	-2.266E+04	-9.209E-06	-3.070E-07
197	4	51.75	12	4.182E+01	-8.759E+02	6.325E+01	4.134E-11	-3.273E+03	-2.266E+04	-9.209E-06	-3.070E-07
197	4	51.75	13	-3.928E+01	-8.761E+02	5.843E+01	3.913E-11	-3.024E+03	-2.267E+04	-9.208E-06	-2.835E-07
197	4	51.75	14	-4.289E+01	-8.761E+02	5.843E+01	3.907E-11	-3.024E+03	-2.267E+04	-9.208E-06	-2.835E-07
197	4	51.75	15	4.542E+01	-8.759E+02	5.843E+01	3.915E-11	-3.024E+03	-2.266E+04	-9.209E-06	-2.835E-07
197	4	51.75	16	4.182E+01	-8.759E+02	5.843E+01	3.908E-11	-3.024E+03	-2.266E+04	-9.209E-06	-2.835E-07
197	5	69.00	1	-3.886E+01	-1.168E+03	-5.843E+01	-3.879E-11	4.032E+03	-4.030E+04	-1.343E-14	-2.042E-14
197	5	69.00	2	-4.246E+01	-1.168E+03	-5.843E+01	-3.886E-11	4.032E+03	-4.030E+04	-1.343E-14	-2.042E-14
197	5	69.00	3	4.585E+01	-1.168E+03	-5.843E+01	-3.877E-11	4.032E+03	-4.029E+04	-1.340E-14	-2.042E-14
197	5	69.00	4	4.225E+01	-1.168E+03	-5.843E+01	-3.884E-11	4.032E+03	-4.029E+04	-1.340E-14	-2.042E-14
197	5	69.00	5	-3.886E+01	-1.168E+03	-6.325E+01	-4.104E-11	4.365E+03	-4.030E+04	-1.343E-14	-1.819E-14
197	5	69.00	6	-4.246E+01	-1.168E+03	-6.325E+01	-4.111E-11	4.365E+03	-4.030E+04	-1.343E-14	-1.819E-14
197	5	69.00	7	4.585E+01	-1.168E+03	-6.325E+01	-4.103E-11	4.365E+03	-4.029E+04	-1.340E-14	-1.819E-14
197	5	69.00	8	4.225E+01	-1.168E+03	-6.325E+01	-4.110E-11	4.365E+03	-4.029E+04	-1.340E-14	-1.819E-14
197	5	69.00	9	-3.886E+01	-1.168E+03	6.325E+01	4.139E-11	-4.365E+03	-4.030E+04	-1.343E-14	1.819E-14
197	5	69.00	10	-4.246E+01	-1.168E+03	6.325E+01	4.132E-11	-4.365E+03	-4.030E+04	-1.343E-14	1.819E-14
197	5	69.00	11	4.585E+01	-1.168E+03	6.325E+01	4.140E-11	-4.365E+03	-4.029E+04	-1.340E-14	1.819E-14
197	5	69.00	12	4.225E+01	-1.168E+03	6.325E+01	4.134E-11	-4.365E+03	-4.029E+04	-1.340E-14	1.819E-14
197	5	69.00	13	-3.886E+01	-1.168E+03	5.843E+01	3.913E-11	-4.032E+03	-4.030E+04	-1.343E-14	2.042E-14

197	5	69.00	14	-4.246E+01	-1.168E+03	5.843E+01	3.907E-11	-4.032E+03	-4.030E+04	-1.343E-14	2.042E-14
197	5	69.00	15	4.585E+01	-1.168E+03	5.843E+01	3.915E-11	-4.032E+03	-4.029E+04	-1.340E-14	2.042E-14
197	5	69.00	16	4.225E+01	-1.168E+03	5.843E+01	3.908E-11	-4.032E+03	-4.029E+04	-1.340E-14	2.042E-14
198	1	0.00	1	-4.416E+01	-6.399E-02	-5.843E+01	-3.917E-11	-1.849E-08	7.706E-08	0.000E+00	0.000E+00
198	1	0.00	2	-4.055E+01	-5.877E-02	-5.843E+01	-3.923E-11	-1.849E-08	7.706E-08	0.000E+00	0.000E+00
198	1	0.00	3	4.055E+01	5.877E-02	-5.843E+01	-3.918E-11	-1.844E-08	8.042E-08	0.000E+00	0.000E+00
198	1	0.00	4	4.416E+01	6.399E-02	-5.843E+01	-3.925E-11	-1.844E-08	8.042E-08	0.000E+00	0.000E+00
198	1	0.00	5	-4.416E+01	-6.399E-02	-6.325E+01	-4.142E-11	-1.907E-08	7.700E-08	0.000E+00	0.000E+00
198	1	0.00	6	-4.055E+01	-5.877E-02	-6.325E+01	-4.149E-11	-1.907E-08	7.700E-08	0.000E+00	0.000E+00
198	1	0.00	7	4.055E+01	5.877E-02	-6.325E+01	-4.144E-11	-1.903E-08	8.036E-08	0.000E+00	0.000E+00
198	1	0.00	8	4.416E+01	6.399E-02	-6.325E+01	-4.150E-11	-1.903E-08	8.036E-08	0.000E+00	0.000E+00
198	1	0.00	9	-4.416E+01	-6.399E-02	6.325E+01	4.121E-11	1.943E-08	3.783E-08	0.000E+00	0.000E+00
198	1	0.00	10	-4.055E+01	-5.877E-02	6.325E+01	4.114E-11	1.943E-08	3.783E-08	0.000E+00	0.000E+00
198	1	0.00	11	4.055E+01	5.877E-02	6.325E+01	4.120E-11	1.947E-08	4.118E-08	0.000E+00	0.000E+00
198	1	0.00	12	4.416E+01	6.399E-02	6.325E+01	4.113E-11	1.947E-08	4.118E-08	0.000E+00	0.000E+00
198	1	0.00	13	-4.416E+01	-6.399E-02	5.843E+01	3.895E-11	1.885E-08	3.777E-08	0.000E+00	0.000E+00
198	1	0.00	14	-4.055E+01	-5.877E-02	5.843E+01	3.889E-11	1.885E-08	3.777E-08	0.000E+00	0.000E+00
198	1	0.00	15	4.055E+01	5.877E-02	5.843E+01	3.894E-11	1.889E-08	4.112E-08	0.000E+00	0.000E+00
198	1	0.00	16	4.416E+01	6.399E-02	5.843E+01	3.887E-11	1.889E-08	4.112E-08	0.000E+00	0.000E+00
198	2	17.25	1	-4.373E+01	-2.921E+02	-5.843E+01	-3.917E-11	1.008E+03	-2.520E+03	-9.561E-06	2.025E-07
198	2	17.25	2	-4.013E+01	-2.921E+02	-5.843E+01	-3.923E-11	1.008E+03	-2.520E+03	-9.561E-06	2.025E-07
198	2	17.25	3	4.098E+01	-2.919E+02	-5.843E+01	-3.918E-11	1.008E+03	-2.517E+03	-9.561E-06	2.025E-07
198	2	17.25	4	4.458E+01	-2.919E+02	-5.843E+01	-3.925E-11	1.008E+03	-2.517E+03	-9.561E-06	2.025E-07
198	2	17.25	5	-4.373E+01	-2.921E+02	-6.325E+01	-4.142E-11	1.091E+03	-2.520E+03	-9.561E-06	2.193E-07
198	2	17.25	6	-4.013E+01	-2.921E+02	-6.325E+01	-4.149E-11	1.091E+03	-2.520E+03	-9.561E-06	2.193E-07
198	2	17.25	7	4.098E+01	-2.919E+02	-6.325E+01	-4.144E-11	1.091E+03	-2.517E+03	-9.561E-06	2.193E-07
198	2	17.25	8	4.458E+01	-2.919E+02	-6.325E+01	-4.150E-11	1.091E+03	-2.517E+03	-9.561E-06	2.193E-07
198	2	17.25	9	-4.373E+01	-2.921E+02	6.325E+01	4.121E-11	-1.091E+03	-2.520E+03	-9.561E-06	-2.193E-07
198	2	17.25	10	-4.013E+01	-2.921E+02	6.325E+01	4.114E-11	-1.091E+03	-2.520E+03	-9.561E-06	-2.193E-07
198	2	17.25	11	4.098E+01	-2.919E+02	6.325E+01	4.120E-11	-1.091E+03	-2.517E+03	-9.561E-06	-2.193E-07
198	2	17.25	12	4.458E+01	-2.919E+02	6.325E+01	4.113E-11	-1.091E+03	-2.517E+03	-9.561E-06	-2.193E-07
198	2	17.25	13	-4.373E+01	-2.921E+02	5.843E+01	3.895E-11	-1.008E+03	-2.520E+03	-9.561E-06	-2.025E-07
198	2	17.25	14	-4.013E+01	-2.921E+02	5.843E+01	3.889E-11	-1.008E+03	-2.520E+03	-9.561E-06	-2.025E-07
198	2	17.25	15	4.098E+01	-2.919E+02	5.843E+01	3.894E-11	-1.008E+03	-2.517E+03	-9.561E-06	-2.025E-07
198	2	17.25	16	4.458E+01	-2.919E+02	5.843E+01	3.887E-11	-1.008E+03	-2.517E+03	-9.561E-06	-2.025E-07
198	3	34.50	1	-4.331E+01	-5.841E+02	-5.843E+01	-3.917E-11	2.016E+03	-1.008E+04	-1.254E-05	3.240E-07
198	3	34.50	2	-3.971E+01	-5.841E+02	-5.843E+01	-3.923E-11	2.016E+03	-1.008E+04	-1.254E-05	3.240E-07
198	3	34.50	3	4.140E+01	-5.839E+02	-5.843E+01	-3.918E-11	2.016E+03	-1.007E+04	-1.254E-05	3.240E-07
198	3	34.50	4	4.500E+01	-5.839E+02	-5.843E+01	-3.925E-11	2.016E+03	-1.007E+04	-1.254E-05	3.240E-07
198	3	34.50	5	-4.331E+01	-5.841E+02	-6.325E+01	-4.142E-11	2.182E+03	-1.008E+04	-1.254E-05	3.508E-07
198	3	34.50	6	-3.971E+01	-5.841E+02	-6.325E+01	-4.149E-11	2.182E+03	-1.008E+04	-1.254E-05	3.508E-07
198	3	34.50	7	4.140E+01	-5.839E+02	-6.325E+01	-4.144E-11	2.182E+03	-1.007E+04	-1.254E-05	3.508E-07
198	3	34.50	8	4.500E+01	-5.839E+02	-6.325E+01	-4.150E-11	2.182E+03	-1.007E+04	-1.254E-05	3.508E-07
198	3	34.50	9	-4.331E+01	-5.841E+02	6.325E+01	4.121E-11	-2.182E+03	-1.008E+04	-1.254E-05	-3.508E-07
198	3	34.50	10	-3.971E+01	-5.841E+02	6.325E+01	4.114E-11	-2.182E+03	-1.008E+04	-1.254E-05	-3.508E-07
198	3	34.50	11	4.140E+01	-5.839E+02	6.325E+01	4.120E-11	-2.182E+03	-1.007E+04	-1.254E-05	-3.508E-07
198	3	34.50	12	4.500E+01	-5.839E+02	6.325E+01	4.113E-11	-2.182E+03	-1.007E+04	-1.254E-05	-3.508E-07
198	3	34.50	13	-4.331E+01	-5.841E+02	5.843E+01	3.895E-11	-2.016E+03	-1.008E+04	-1.254E-05	-3.240E-07
198	3	34.50	14	-3.971E+01	-5.841E+02	5.843E+01	3.889E-11	-2.016E+03	-1.008E+04	-1.254E-05	-3.240E-07
198	3	34.50	15	4.140E+01	-5.839E+02	5.843E+01	3.894E-11	-2.016E+03	-1.007E+04	-1.254E-05	-3.240E-07
198	3	34.50	16	4.500E+01	-5.839E+02	5.843E+01	3.887E-11	-2.016E+03	-1.007E+04	-1.254E-05	-3.240E-07
198	4	51.75	1	-4.289E+01	-8.761E+02	-5.843E+01	-3.917E-11	3.024E+03	-2.267E+04	-9.208E-06	2.835E-07
198	4	51.75	2	-3.928E+01	-8.761E+02	-5.843E+01	-3.923E-11	3.024E+03	-2.267E+04	-9.208E-06	2.835E-07
198	4	51.75	3	4.182E+01	-8.759E+02	-5.843E+01	-3.918E-11	3.024E+03	-2.266E+04	-9.209E-06	2.835E-07
198	4	51.75	4	4.542E+01	-8.759E+02	-5.843E+01	-3.925E-11	3.024E+03	-2.266E+04	-9.209E-06	2.835E-07
198	4	51.75	5	-4.289E+01	-8.761E+02	-6.325E+01	-4.142E-11	3.273E+03	-2.267E+04	-9.208E-06	3.070E-07
198	4	51.75	6	-3.928E+01	-8.761E+02	-6.325E+01	-4.149E-11	3.273E+03	-2.267E+04	-9.208E-06	3.070E-07
198	4	51.75	7	4.182E+01	-8.759E+02	-6.325E+01	-4.144E-11	3.273E+03	-2.266E+04	-9.209E-06	3.070E-07
198	4	51.75	8	4.542E+01	-8.759E+02	-6.325E+01	-4.150E-11	3.273E+03	-2.266E+04	-9.209E-06	3.070E-07
198	4	51.75	9	-4.289E+01	-8.761E+02	6.325E+01	4.121E-11	-3.273E+03	-2.267E+04	-9.208E-06	-3.070E-07
198	4	51.75	10	-3.928E+01	-8.761E+02	6.325E+01	4.114E-11	-3.273E+03	-2.267E+04	-9.208E-06	-3.070E-07
198	4	51.75	11	4.182E+01	-8.759E+02	6.325E+01	4.120E-11	-3.273E+03	-2.266E+04	-9.209E-06	-3.070E-07

198	4	51.75	12	4.542E+01	-8.759E+02	6.325E+01	4.113E-11	-3.273E+03	-2.266E+04	-9.209E-06	-3.070E-07
198	4	51.75	13	-4.289E+01	-8.761E+02	5.843E+01	3.895E-11	-3.024E+03	-2.267E+04	-9.208E-06	-2.835E-07
198	4	51.75	14	-3.928E+01	-8.761E+02	5.843E+01	3.889E-11	-3.024E+03	-2.267E+04	-9.208E-06	-2.835E-07
198	4	51.75	15	4.182E+01	-8.759E+02	5.843E+01	3.894E-11	-3.024E+03	-2.266E+04	-9.209E-06	-2.835E-07
198	4	51.75	16	4.542E+01	-8.759E+02	5.843E+01	3.887E-11	-3.024E+03	-2.266E+04	-9.209E-06	-2.835E-07
198	5	69.00	1	-4.246E+01	-1.168E+03	-5.843E+01	-3.917E-11	4.032E+03	-4.030E+04	-1.343E-14	-2.042E-14
198	5	69.00	2	-3.886E+01	-1.168E+03	-5.843E+01	-3.923E-11	4.032E+03	-4.030E+04	-1.343E-14	-2.042E-14
198	5	69.00	3	4.225E+01	-1.168E+03	-5.843E+01	-3.918E-11	4.032E+03	-4.029E+04	-1.341E-14	-2.042E-14
198	5	69.00	4	4.585E+01	-1.168E+03	-5.843E+01	-3.925E-11	4.032E+03	-4.029E+04	-1.341E-14	-2.042E-14
198	5	69.00	5	-4.246E+01	-1.168E+03	-6.325E+01	-4.142E-11	4.365E+03	-4.030E+04	-1.343E-14	-1.819E-14
198	5	69.00	6	-3.886E+01	-1.168E+03	-6.325E+01	-4.149E-11	4.365E+03	-4.030E+04	-1.343E-14	-1.819E-14
198	5	69.00	7	4.225E+01	-1.168E+03	-6.325E+01	-4.144E-11	4.365E+03	-4.029E+04	-1.341E-14	-1.819E-14
198	5	69.00	8	4.585E+01	-1.168E+03	-6.325E+01	-4.150E-11	4.365E+03	-4.029E+04	-1.341E-14	-1.819E-14
198	5	69.00	9	-4.246E+01	-1.168E+03	6.325E+01	4.121E-11	-4.365E+03	-4.030E+04	-1.343E-14	1.819E-14
198	5	69.00	10	-3.886E+01	-1.168E+03	6.325E+01	4.114E-11	-4.365E+03	-4.030E+04	-1.343E-14	1.819E-14
198	5	69.00	11	4.225E+01	-1.168E+03	6.325E+01	4.120E-11	-4.365E+03	-4.029E+04	-1.341E-14	1.819E-14
198	5	69.00	12	4.585E+01	-1.168E+03	6.325E+01	4.113E-11	-4.365E+03	-4.029E+04	-1.341E-14	1.819E-14
198	5	69.00	13	-4.246E+01	-1.168E+03	5.843E+01	3.895E-11	-4.032E+03	-4.030E+04	-1.343E-14	2.042E-14
198	5	69.00	14	-3.886E+01	-1.168E+03	5.843E+01	3.889E-11	-4.032E+03	-4.030E+04	-1.343E-14	2.042E-14
198	5	69.00	15	4.225E+01	-1.168E+03	5.843E+01	3.894E-11	-4.032E+03	-4.029E+04	-1.341E-14	2.042E-14
198	5	69.00	16	4.585E+01	-1.168E+03	5.843E+01	3.887E-11	-4.032E+03	-4.029E+04	-1.341E-14	2.042E-14
199	1	0.00	1	1.300E+03	4.260E+04	6.941E+03	1.590E-01	9.466E+05	-6.539E+03	0.000E+00	0.000E+00
199	1	0.00	2	1.440E+03	4.260E+04	6.907E+03	1.590E-01	9.243E+05	-6.545E+03	0.000E+00	0.000E+00
199	1	0.00	3	-2.141E+04	4.259E+04	7.035E+03	1.590E-01	9.474E+05	-6.531E+03	0.000E+00	0.000E+00
199	1	0.00	4	-2.127E+04	4.259E+04	7.000E+03	1.590E-01	9.250E+05	-6.537E+03	0.000E+00	0.000E+00
199	1	0.00	5	1.385E+03	4.260E+04	7.242E+03	1.567E-01	9.930E+05	-8.205E+03	0.000E+00	0.000E+00
199	1	0.00	6	1.524E+03	4.260E+04	7.207E+03	1.567E-01	9.707E+05	-8.211E+03	0.000E+00	0.000E+00
199	1	0.00	7	-2.133E+04	4.259E+04	7.335E+03	1.567E-01	9.938E+05	-8.197E+03	0.000E+00	0.000E+00
199	1	0.00	8	-2.119E+04	4.259E+04	7.301E+03	1.567E-01	9.714E+05	-8.203E+03	0.000E+00	0.000E+00
199	1	0.00	9	1.557E+04	4.270E+04	-5.439E+03	7.086E-02	-9.570E+05	-7.239E+04	0.000E+00	0.000E+00
199	1	0.00	10	1.571E+04	4.270E+04	-5.474E+03	7.086E-02	-9.793E+05	-7.240E+04	0.000E+00	0.000E+00
199	1	0.00	11	-7.137E+03	4.269E+04	-5.345E+03	7.086E-02	-9.563E+05	-7.238E+04	0.000E+00	0.000E+00
199	1	0.00	12	-6.997E+03	4.269E+04	-5.380E+03	7.086E-02	-9.786E+05	-7.239E+04	0.000E+00	0.000E+00
199	1	0.00	13	1.566E+04	4.271E+04	-5.138E+03	6.862E-02	-9.106E+05	-7.406E+04	0.000E+00	0.000E+00
199	1	0.00	14	1.580E+04	4.271E+04	-5.173E+03	6.862E-02	-9.329E+05	-7.406E+04	0.000E+00	0.000E+00
199	1	0.00	15	-7.052E+03	4.270E+04	-5.045E+03	6.862E-02	-9.099E+05	-7.405E+04	0.000E+00	0.000E+00
199	1	0.00	16	-6.913E+03	4.270E+04	-5.080E+03	6.862E-02	-9.322E+05	-7.405E+04	0.000E+00	0.000E+00
199	2	45.25	1	1.301E+03	4.183E+04	6.941E+03	1.590E-01	6.425E+05	1.904E+06	-1.205E-03	3.699E-04
199	2	45.25	2	1.441E+03	4.183E+04	6.907E+03	1.590E-01	6.218E+05	1.904E+06	-1.205E-03	3.535E-04
199	2	45.25	3	-2.141E+04	4.182E+04	7.035E+03	1.590E-01	6.390E+05	1.903E+06	-1.205E-03	3.647E-04
199	2	45.25	4	-2.127E+04	4.182E+04	7.000E+03	1.590E-01	6.183E+05	1.903E+06	-1.205E-03	3.483E-04
199	2	45.25	5	1.386E+03	4.183E+04	7.242E+03	1.567E-01	6.753E+05	1.902E+06	-1.204E-03	3.896E-04
199	2	45.25	6	1.525E+03	4.183E+04	7.207E+03	1.567E-01	6.546E+05	1.902E+06	-1.204E-03	3.732E-04
199	2	45.25	7	-2.133E+04	4.182E+04	7.335E+03	1.567E-01	6.718E+05	1.902E+06	-1.204E-03	3.843E-04
199	2	45.25	8	-2.119E+04	4.182E+04	7.301E+03	1.567E-01	6.511E+05	1.902E+06	-1.204E-03	3.680E-04
199	2	45.25	9	1.557E+04	4.194E+04	-5.439E+03	7.086E-02	-7.209E+05	1.843E+06	-1.184E-03	-4.725E-04
199	2	45.25	10	1.571E+04	4.194E+04	-5.474E+03	7.086E-02	-7.417E+05	1.843E+06	-1.184E-03	-4.889E-04
199	2	45.25	11	-7.136E+03	4.193E+04	-5.345E+03	7.086E-02	-7.244E+05	1.842E+06	-1.184E-03	-4.777E-04
199	2	45.25	12	-6.996E+03	4.193E+04	-5.380E+03	7.086E-02	-7.452E+05	1.842E+06	-1.184E-03	-4.941E-04
199	2	45.25	13	1.566E+04	4.194E+04	-5.138E+03	6.862E-02	-6.881E+05	1.841E+06	-1.184E-03	-4.528E-04
199	2	45.25	14	1.580E+04	4.194E+04	-5.173E+03	6.862E-02	-7.089E+05	1.841E+06	-1.184E-03	-4.692E-04
199	2	45.25	15	-7.052E+03	4.193E+04	-5.045E+03	6.862E-02	-6.916E+05	1.841E+06	-1.183E-03	-4.581E-04
199	2	45.25	16	-6.912E+03	4.193E+04	-5.080E+03	6.862E-02	-7.124E+05	1.841E+06	-1.183E-03	-4.744E-04
199	3	90.50	1	1.302E+03	4.106E+04	6.941E+03	1.590E-01	3.516E+05	3.779E+06	-1.906E-03	3.889E-04
199	3	90.50	2	1.442E+03	4.106E+04	6.907E+03	1.590E-01	3.324E+05	3.779E+06	-1.906E-03	3.677E-04
199	3	90.50	3	-2.141E+04	4.105E+04	7.035E+03	1.590E-01	3.439E+05	3.778E+06	-1.906E-03	3.804E-04
199	3	90.50	4	-2.127E+04	4.106E+04	7.000E+03	1.590E-01	3.247E+05	3.778E+06	-1.906E-03	3.592E-04
199	3	90.50	5	1.386E+03	4.107E+04	7.242E+03	1.567E-01	3.708E+05	3.778E+06	-1.906E-03	4.101E-04
199	3	90.50	6	1.526E+03	4.107E+04	7.207E+03	1.567E-01	3.516E+05	3.778E+06	-1.906E-03	3.889E-04
199	3	90.50	7	-2.132E+04	4.106E+04	7.335E+03	1.567E-01	3.631E+05	3.777E+06	-1.905E-03	4.016E-04
199	3	90.50	8	-2.118E+04	4.106E+04	7.301E+03	1.567E-01	3.439E+05	3.777E+06	-1.905E-03	3.804E-04
199	3	90.50	9	1.558E+04	4.117E+04	-5.439E+03	7.086E-02	-4.980E+05	3.723E+06	-1.879E-03	-5.508E-04

199	3	90.50	10	1.572E+04	4.117E+04	-5.474E+03	7.086E-02	-5.171E+05	3.723E+06	-1.879E-03	-5.720E-04
199	3	90.50	11	-7.135E+03	4.116E+04	-5.345E+03	7.086E-02	-5.057E+05	3.722E+06	-1.879E-03	-5.593E-04
199	3	90.50	12	-6.995E+03	4.116E+04	-5.380E+03	7.086E-02	-5.249E+05	3.722E+06	-1.879E-03	-5.806E-04
199	3	90.50	13	1.566E+04	4.117E+04	-5.138E+03	6.862E-02	-4.788E+05	3.721E+06	-1.879E-03	-5.296E-04
199	3	90.50	14	1.580E+04	4.117E+04	-5.173E+03	6.862E-02	-4.980E+05	3.721E+06	-1.879E-03	-5.508E-04
199	3	90.50	15	-7.051E+03	4.116E+04	-5.045E+03	6.862E-02	-4.865E+05	3.721E+06	-1.878E-03	-5.381E-04
199	3	90.50	16	-6.911E+03	4.117E+04	-5.080E+03	6.862E-02	-5.057E+05	3.721E+06	-1.878E-03	-5.594E-04
199	4	135.75	1	1.303E+03	4.030E+04	6.941E+03	1.590E-01	-3.375E+05	5.620E+06	-1.652E-03	2.179E-04
199	4	135.75	2	1.442E+03	4.030E+04	6.907E+03	1.590E-01	-3.551E+05	5.620E+06	-1.652E-03	2.024E-04
199	4	135.75	3	-2.141E+04	4.029E+04	7.035E+03	1.590E-01	-3.494E+05	5.619E+06	-1.652E-03	2.103E-04
199	4	135.75	4	-2.127E+04	4.029E+04	7.000E+03	1.590E-01	-3.670E+05	5.619E+06	-1.652E-03	1.949E-04
199	4	135.75	5	1.387E+03	4.030E+04	7.242E+03	1.567E-01	-3.319E+05	5.619E+06	-1.652E-03	2.301E-04
199	4	135.75	6	1.527E+03	4.030E+04	7.207E+03	1.567E-01	-3.495E+05	5.619E+06	-1.652E-03	2.146E-04
199	4	135.75	7	-2.132E+04	4.029E+04	7.335E+03	1.567E-01	-3.439E+05	5.617E+06	-1.652E-03	2.225E-04
199	4	135.75	8	-2.118E+04	4.029E+04	7.301E+03	1.567E-01	-3.615E+05	5.617E+06	-1.652E-03	2.070E-04
199	4	135.75	9	1.558E+04	4.040E+04	-5.439E+03	7.086E-02	1.231E+05	5.568E+06	-1.633E-03	-3.581E-04
199	4	135.75	10	1.572E+04	4.040E+04	-5.474E+03	7.086E-02	1.055E+05	5.569E+06	-1.633E-03	-3.736E-04
199	4	135.75	11	-7.134E+03	4.040E+04	-5.345E+03	7.086E-02	1.112E+05	5.567E+06	-1.632E-03	-3.657E-04
199	4	135.75	12	-6.995E+03	4.040E+04	-5.380E+03	7.086E-02	9.358E+04	5.567E+06	-1.632E-03	-3.812E-04
199	4	135.75	13	1.566E+04	4.041E+04	-5.138E+03	6.862E-02	1.287E+05	5.567E+06	-1.632E-03	-3.460E-04
199	4	135.75	14	1.580E+04	4.041E+04	-5.173E+03	6.862E-02	1.111E+05	5.567E+06	-1.632E-03	-3.615E-04
199	4	135.75	15	-7.050E+03	4.040E+04	-5.045E+03	6.862E-02	1.168E+05	5.566E+06	-1.632E-03	-3.536E-04
199	4	135.75	16	-6.910E+03	4.040E+04	-5.080E+03	6.862E-02	9.915E+04	5.566E+06	-1.632E-03	-3.690E-04
199	5	181.00	1	1.304E+03	3.953E+04	6.941E+03	1.590E-01	-4.285E+05	7.426E+06	-9.655E-11	1.127E-10
199	5	181.00	2	1.443E+03	3.953E+04	6.907E+03	1.590E-01	-4.445E+05	7.426E+06	-9.655E-11	1.066E-10
199	5	181.00	3	-2.141E+04	3.952E+04	7.035E+03	1.590E-01	-4.447E+05	7.424E+06	-9.663E-11	1.128E-10
199	5	181.00	4	-2.127E+04	3.952E+04	7.000E+03	1.590E-01	-4.607E+05	7.424E+06	-9.663E-11	1.067E-10
199	5	181.00	5	1.388E+03	3.953E+04	7.242E+03	1.567E-01	-4.366E+05	7.425E+06	-9.661E-11	1.149E-10
199	5	181.00	6	1.528E+03	3.953E+04	7.207E+03	1.567E-01	-4.526E+05	7.425E+06	-9.661E-11	1.088E-10
199	5	181.00	7	-2.132E+04	3.953E+04	7.335E+03	1.567E-01	-4.527E+05	7.423E+06	-9.669E-11	1.150E-10
199	5	181.00	8	-2.118E+04	3.953E+04	7.301E+03	1.567E-01	-4.687E+05	7.423E+06	-9.669E-11	1.089E-10
199	5	181.00	9	1.558E+04	3.964E+04	-5.439E+03	7.086E-02	1.461E+05	7.379E+06	-1.034E-10	-1.072E-10
199	5	181.00	10	1.572E+04	3.964E+04	-5.474E+03	7.086E-02	1.301E+05	7.380E+06	-1.034E-10	-1.133E-10
199	5	181.00	11	-7.133E+03	3.963E+04	-5.345E+03	7.086E-02	1.300E+05	7.378E+06	-1.035E-10	-1.071E-10
199	5	181.00	12	-6.994E+03	3.963E+04	-5.380E+03	7.086E-02	1.140E+05	7.378E+06	-1.035E-10	-1.132E-10
199	5	181.00	13	1.566E+04	3.964E+04	-5.138E+03	6.862E-02	1.381E+05	7.378E+06	-1.035E-10	-1.050E-10
199	5	181.00	14	1.580E+04	3.964E+04	-5.173E+03	6.862E-02	1.221E+05	7.378E+06	-1.035E-10	-1.111E-10
199	5	181.00	15	-7.049E+03	3.963E+04	-5.045E+03	6.862E-02	1.220E+05	7.377E+06	-1.036E-10	-1.049E-10
199	5	181.00	16	-6.909E+03	3.963E+04	-5.080E+03	6.862E-02	1.059E+05	7.377E+06	-1.036E-10	-1.110E-10
200	1	0.00	1	1.580E+04	4.271E+04	5.173E+03	-6.862E-02	9.329E+05	-7.406E+04	0.000E+00	0.000E+00
200	1	0.00	2	1.566E+04	4.271E+04	5.138E+03	-6.862E-02	9.106E+05	-7.406E+04	0.000E+00	0.000E+00
200	1	0.00	3	-6.913E+03	4.270E+04	5.080E+03	-6.862E-02	9.322E+05	-7.405E+04	0.000E+00	0.000E+00
200	1	0.00	4	-7.052E+03	4.270E+04	5.045E+03	-6.862E-02	9.099E+05	-7.405E+04	0.000E+00	0.000E+00
200	1	0.00	5	1.571E+04	4.270E+04	5.474E+03	-7.086E-02	9.793E+05	-7.240E+04	0.000E+00	0.000E+00
200	1	0.00	6	1.557E+04	4.270E+04	5.439E+03	-7.086E-02	9.570E+05	-7.239E+04	0.000E+00	0.000E+00
200	1	0.00	7	-6.997E+03	4.269E+04	5.380E+03	-7.086E-02	9.786E+05	-7.239E+04	0.000E+00	0.000E+00
200	1	0.00	8	-7.137E+03	4.269E+04	5.345E+03	-7.086E-02	9.563E+05	-7.238E+04	0.000E+00	0.000E+00
200	1	0.00	9	1.524E+03	4.260E+04	-7.207E+03	-1.567E-01	-9.707E+05	-8.211E+03	0.000E+00	0.000E+00
200	1	0.00	10	1.385E+03	4.260E+04	-7.242E+03	-1.567E-01	-9.930E+05	-8.205E+03	0.000E+00	0.000E+00
200	1	0.00	11	-2.119E+04	4.259E+04	-7.301E+03	-1.567E-01	-9.714E+05	-8.203E+03	0.000E+00	0.000E+00
200	1	0.00	12	-2.133E+04	4.259E+04	-7.335E+03	-1.567E-01	-9.938E+05	-8.197E+03	0.000E+00	0.000E+00
200	1	0.00	13	1.440E+03	4.260E+04	-6.907E+03	-1.590E-01	-9.243E+05	-6.545E+03	0.000E+00	0.000E+00
200	1	0.00	14	1.300E+03	4.260E+04	-6.941E+03	-1.590E-01	-9.466E+05	-6.539E+03	0.000E+00	0.000E+00
200	1	0.00	15	-2.127E+04	4.259E+04	-7.000E+03	-1.590E-01	-9.250E+05	-6.537E+03	0.000E+00	0.000E+00
200	1	0.00	16	-2.141E+04	4.259E+04	-7.035E+03	-1.590E-01	-9.474E+05	-6.531E+03	0.000E+00	0.000E+00
200	2	45.25	1	1.580E+04	4.194E+04	5.173E+03	-6.862E-02	7.089E+05	1.841E+06	-1.184E-03	4.692E-04
200	2	45.25	2	1.566E+04	4.194E+04	5.138E+03	-6.862E-02	6.881E+05	1.841E+06	-1.184E-03	4.528E-04
200	2	45.25	3	-6.912E+03	4.193E+04	5.080E+03	-6.862E-02	7.124E+05	1.841E+06	-1.183E-03	4.744E-04
200	2	45.25	4	-7.052E+03	4.193E+04	5.045E+03	-6.862E-02	6.916E+05	1.841E+06	-1.183E-03	4.581E-04
200	2	45.25	5	1.571E+04	4.194E+04	5.474E+03	-7.086E-02	7.417E+05	1.843E+06	-1.184E-03	4.889E-04
200	2	45.25	6	1.557E+04	4.194E+04	5.439E+03	-7.086E-02	7.209E+05	1.843E+06	-1.184E-03	4.725E-04
200	2	45.25	7	-6.996E+03	4.193E+04	5.380E+03	-7.086E-02	7.452E+05	1.842E+06	-1.184E-03	4.941E-04

200	2	45.25	8	-7.136E+03	4.193E+04	5.345E+03	-7.086E-02	7.244E+05	1.842E+06	-1.184E-03	4.777E-04
200	2	45.25	9	1.525E+03	4.183E+04	-7.207E+03	-1.567E-01	-6.546E+05	1.902E+06	-1.204E-03	-3.732E-04
200	2	45.25	10	1.386E+03	4.183E+04	-7.242E+03	-1.567E-01	-6.753E+05	1.902E+06	-1.204E-03	-3.896E-04
200	2	45.25	11	-2.119E+04	4.182E+04	-7.301E+03	-1.567E-01	-6.511E+05	1.902E+06	-1.204E-03	-3.680E-04
200	2	45.25	12	-2.133E+04	4.182E+04	-7.335E+03	-1.567E-01	-6.718E+05	1.902E+06	-1.204E-03	-3.843E-04
200	2	45.25	13	1.441E+03	4.183E+04	-6.907E+03	-1.590E-01	-6.218E+05	1.904E+06	-1.205E-03	-3.535E-04
200	2	45.25	14	1.301E+03	4.183E+04	-6.941E+03	-1.590E-01	-6.425E+05	1.904E+06	-1.205E-03	-3.699E-04
200	2	45.25	15	-2.127E+04	4.182E+04	-7.000E+03	-1.590E-01	-6.183E+05	1.903E+06	-1.205E-03	-3.483E-04
200	2	45.25	16	-2.141E+04	4.182E+04	-7.035E+03	-1.590E-01	-6.390E+05	1.903E+06	-1.205E-03	-3.647E-04
200	3	90.50	1	1.580E+04	4.117E+04	5.173E+03	-6.862E-02	4.980E+05	3.721E+06	-1.879E-03	5.508E-04
200	3	90.50	2	1.566E+04	4.117E+04	5.138E+03	-6.862E-02	4.788E+05	3.721E+06	-1.879E-03	5.296E-04
200	3	90.50	3	-6.911E+03	4.117E+04	5.080E+03	-6.862E-02	5.057E+05	3.721E+06	-1.878E-03	5.594E-04
200	3	90.50	4	-7.051E+03	4.116E+04	5.045E+03	-6.862E-02	4.865E+05	3.721E+06	-1.878E-03	5.381E-04
200	3	90.50	5	1.572E+04	4.117E+04	5.474E+03	-7.086E-02	5.171E+05	3.723E+06	-1.879E-03	5.720E-04
200	3	90.50	6	1.558E+04	4.117E+04	5.439E+03	-7.086E-02	4.980E+05	3.723E+06	-1.879E-03	5.508E-04
200	3	90.50	7	-6.995E+03	4.116E+04	5.380E+03	-7.086E-02	5.249E+05	3.722E+06	-1.879E-03	5.806E-04
200	3	90.50	8	-7.135E+03	4.116E+04	5.345E+03	-7.086E-02	5.057E+05	3.722E+06	-1.879E-03	5.593E-04
200	3	90.50	9	1.526E+03	4.107E+04	-7.207E+03	-1.567E-01	-3.516E+05	3.778E+06	-1.906E-03	-3.889E-04
200	3	90.50	10	1.386E+03	4.107E+04	-7.242E+03	-1.567E-01	-3.708E+05	3.778E+06	-1.906E-03	-4.101E-04
200	3	90.50	11	-2.118E+04	4.106E+04	-7.301E+03	-1.567E-01	-3.439E+05	3.777E+06	-1.905E-03	-3.804E-04
200	3	90.50	12	-2.132E+04	4.106E+04	-7.335E+03	-1.567E-01	-3.631E+05	3.777E+06	-1.905E-03	-4.016E-04
200	3	90.50	13	1.442E+03	4.106E+04	-6.907E+03	-1.590E-01	-3.324E+05	3.779E+06	-1.906E-03	-3.677E-04
200	3	90.50	14	1.302E+03	4.106E+04	-6.941E+03	-1.590E-01	-3.516E+05	3.779E+06	-1.906E-03	-3.889E-04
200	3	90.50	15	-2.127E+04	4.106E+04	-7.000E+03	-1.590E-01	-3.247E+05	3.778E+06	-1.906E-03	-3.592E-04
200	3	90.50	16	-2.141E+04	4.105E+04	-7.035E+03	-1.590E-01	-3.439E+05	3.778E+06	-1.906E-03	-3.804E-04
200	4	135.75	1	1.580E+04	4.041E+04	5.173E+03	-6.862E-02	-1.111E+05	5.567E+06	-1.632E-03	3.615E-04
200	4	135.75	2	1.566E+04	4.041E+04	5.138E+03	-6.862E-02	-1.287E+05	5.567E+06	-1.632E-03	3.460E-04
200	4	135.75	3	-6.910E+03	4.040E+04	5.080E+03	-6.862E-02	-9.915E+04	5.566E+06	-1.632E-03	3.690E-04
200	4	135.75	4	-7.050E+03	4.040E+04	5.045E+03	-6.862E-02	-1.168E+05	5.566E+06	-1.632E-03	3.536E-04
200	4	135.75	5	1.572E+04	4.040E+04	5.474E+03	-7.086E-02	-1.055E+05	5.569E+06	-1.633E-03	3.736E-04
200	4	135.75	6	1.558E+04	4.040E+04	5.439E+03	-7.086E-02	-1.231E+05	5.568E+06	-1.633E-03	3.581E-04
200	4	135.75	7	-6.995E+03	4.040E+04	5.380E+03	-7.086E-02	-9.358E+04	5.567E+06	-1.632E-03	3.812E-04
200	4	135.75	8	-7.134E+03	4.040E+04	5.345E+03	-7.086E-02	-1.112E+05	5.567E+06	-1.632E-03	3.657E-04
200	4	135.75	9	1.527E+03	4.030E+04	-7.207E+03	-1.567E-01	3.495E+05	5.619E+06	-1.652E-03	-2.146E-04
200	4	135.75	10	1.387E+03	4.030E+04	-7.242E+03	-1.567E-01	3.319E+05	5.619E+06	-1.652E-03	-2.301E-04
200	4	135.75	11	-2.118E+04	4.029E+04	-7.301E+03	-1.567E-01	3.615E+05	5.617E+06	-1.652E-03	-2.070E-04
200	4	135.75	12	-2.132E+04	4.029E+04	-7.335E+03	-1.567E-01	3.439E+05	5.617E+06	-1.652E-03	-2.225E-04
200	4	135.75	13	1.442E+03	4.030E+04	-6.907E+03	-1.590E-01	3.551E+05	5.620E+06	-1.652E-03	-2.024E-04
200	4	135.75	14	1.303E+03	4.030E+04	-6.941E+03	-1.590E-01	3.375E+05	5.620E+06	-1.652E-03	-2.179E-04
200	4	135.75	15	-2.127E+04	4.029E+04	-7.000E+03	-1.590E-01	3.670E+05	5.619E+06	-1.652E-03	-1.949E-04
200	4	135.75	16	-2.141E+04	4.029E+04	-7.035E+03	-1.590E-01	3.494E+05	5.619E+06	-1.652E-03	-2.103E-04
200	5	181.00	1	1.580E+04	3.964E+04	5.173E+03	-6.862E-02	-1.221E+05	7.378E+06	-1.035E-10	1.111E-10
200	5	181.00	2	1.566E+04	3.964E+04	5.138E+03	-6.862E-02	-1.381E+05	7.378E+06	-1.035E-10	1.050E-10
200	5	181.00	3	-6.909E+03	3.963E+04	5.080E+03	-6.862E-02	-1.059E+05	7.377E+06	-1.036E-10	1.110E-10
200	5	181.00	4	-7.049E+03	3.963E+04	5.045E+03	-6.862E-02	-1.220E+05	7.377E+06	-1.036E-10	1.049E-10
200	5	181.00	5	1.572E+04	3.964E+04	5.474E+03	-7.086E-02	-1.301E+05	7.380E+06	-1.034E-10	1.133E-10
200	5	181.00	6	1.558E+04	3.964E+04	5.439E+03	-7.086E-02	-1.461E+05	7.379E+06	-1.034E-10	1.072E-10
200	5	181.00	7	-6.994E+03	3.963E+04	5.380E+03	-7.086E-02	-1.140E+05	7.378E+06	-1.035E-10	1.132E-10
200	5	181.00	8	-7.133E+03	3.963E+04	5.345E+03	-7.086E-02	-1.300E+05	7.378E+06	-1.035E-10	1.071E-10
200	5	181.00	9	1.528E+03	3.953E+04	-7.207E+03	-1.567E-01	4.526E+05	7.425E+06	-9.661E-11	-1.088E-10
200	5	181.00	10	1.388E+03	3.953E+04	-7.242E+03	-1.567E-01	4.366E+05	7.425E+06	-9.661E-11	-1.149E-10
200	5	181.00	11	-2.118E+04	3.953E+04	-7.301E+03	-1.567E-01	4.687E+05	7.423E+06	-9.669E-11	-1.089E-10
200	5	181.00	12	-2.132E+04	3.953E+04	-7.335E+03	-1.567E-01	4.527E+05	7.423E+06	-9.669E-11	-1.150E-10
200	5	181.00	13	1.443E+03	3.953E+04	-6.907E+03	-1.590E-01	4.445E+05	7.426E+06	-9.655E-11	-1.066E-10
200	5	181.00	14	1.304E+03	3.953E+04	-6.941E+03	-1.590E-01	4.285E+05	7.426E+06	-9.655E-11	-1.127E-10
200	5	181.00	15	-2.127E+04	3.952E+04	-7.000E+03	-1.590E-01	4.607E+05	7.424E+06	-9.663E-11	-1.067E-10
200	5	181.00	16	-2.141E+04	3.952E+04	-7.035E+03	-1.590E-01	4.447E+05	7.424E+06	-9.663E-11	-1.128E-10
201	1	0.00	1	6.497E+02	3.215E+04	4.251E+03	6.494E-02	-4.372E+05	7.439E+06	0.000E+00	0.000E+00
201	1	0.00	2	7.543E+02	3.215E+04	4.217E+03	6.493E-02	-4.603E+05	7.439E+06	0.000E+00	0.000E+00
201	1	0.00	3	-2.013E+04	3.215E+04	4.216E+03	6.494E-02	-4.532E+05	7.437E+06	0.000E+00	0.000E+00
201	1	0.00	4	-2.003E+04	3.215E+04	4.181E+03	6.493E-02	-4.763E+05	7.437E+06	0.000E+00	0.000E+00
201	1	0.00	5	6.424E+02	3.215E+04	4.448E+03	6.266E-02	-4.313E+05	7.437E+06	0.000E+00	0.000E+00

201	1	0.00	6	7.469E+02	3.215E+04	4.413E+03	6.266E-02	-4.544E+05	7.437E+06	0.000E+00	0.000E+00
201	1	0.00	7	-2.014E+04	3.215E+04	4.413E+03	6.266E-02	-4.473E+05	7.435E+06	0.000E+00	0.000E+00
201	1	0.00	8	-2.004E+04	3.215E+04	4.378E+03	6.266E-02	-4.704E+05	7.435E+06	0.000E+00	0.000E+00
201	1	0.00	9	1.445E+04	3.226E+04	-5.087E+03	-2.492E-02	1.505E+05	7.367E+06	0.000E+00	0.000E+00
201	1	0.00	10	1.456E+04	3.226E+04	-5.122E+03	-2.493E-02	1.274E+05	7.367E+06	0.000E+00	0.000E+00
201	1	0.00	11	-6.328E+03	3.226E+04	-5.123E+03	-2.492E-02	1.345E+05	7.366E+06	0.000E+00	0.000E+00
201	1	0.00	12	-6.224E+03	3.226E+04	-5.158E+03	-2.493E-02	1.114E+05	7.366E+06	0.000E+00	0.000E+00
201	1	0.00	13	1.445E+04	3.226E+04	-4.891E+03	-2.719E-02	1.565E+05	7.365E+06	0.000E+00	0.000E+00
201	1	0.00	14	1.455E+04	3.226E+04	-4.926E+03	-2.720E-02	1.334E+05	7.366E+06	0.000E+00	0.000E+00
201	1	0.00	15	-6.336E+03	3.226E+04	-4.926E+03	-2.719E-02	1.404E+05	7.364E+06	0.000E+00	0.000E+00
201	1	0.00	16	-6.231E+03	3.226E+04	-4.961E+03	-2.720E-02	1.174E+05	7.364E+06	0.000E+00	0.000E+00
201	2	127.25	1	6.519E+02	3.000E+04	4.251E+03	6.494E-02	-6.433E+05	1.139E+07	-3.990E-02	-6.388E-03
201	2	127.25	2	7.564E+02	3.000E+04	4.217E+03	6.493E-02	-6.619E+05	1.139E+07	-3.990E-02	-6.491E-03
201	2	127.25	3	-2.013E+04	2.999E+04	4.216E+03	6.494E-02	-6.548E+05	1.139E+07	-3.989E-02	-6.444E-03
201	2	127.25	4	-2.003E+04	2.999E+04	4.181E+03	6.493E-02	-6.734E+05	1.139E+07	-3.989E-02	-6.547E-03
201	2	127.25	5	6.445E+02	3.000E+04	4.448E+03	6.266E-02	-6.624E+05	1.139E+07	-3.990E-02	-6.623E-03
201	2	127.25	6	7.490E+02	3.000E+04	4.413E+03	6.266E-02	-6.810E+05	1.139E+07	-3.990E-02	-6.726E-03
201	2	127.25	7	-2.014E+04	3.000E+04	4.413E+03	6.266E-02	-6.739E+05	1.139E+07	-3.989E-02	-6.679E-03
201	2	127.25	8	-2.003E+04	3.000E+04	4.378E+03	6.266E-02	-6.925E+05	1.139E+07	-3.989E-02	-6.782E-03
201	2	127.25	9	1.446E+04	3.011E+04	-5.087E+03	-2.492E-02	4.630E+05	1.134E+07	-3.976E-02	5.671E-03
201	2	127.25	10	1.456E+04	3.011E+04	-5.122E+03	-2.493E-02	4.444E+05	1.134E+07	-3.976E-02	5.568E-03
201	2	127.25	11	-6.326E+03	3.010E+04	-5.123E+03	-2.492E-02	4.515E+05	1.133E+07	-3.975E-02	5.615E-03
201	2	127.25	12	-6.222E+03	3.010E+04	-5.158E+03	-2.493E-02	4.329E+05	1.133E+07	-3.975E-02	5.512E-03
201	2	127.25	13	1.445E+04	3.011E+04	-4.891E+03	-2.719E-02	4.439E+05	1.133E+07	-3.976E-02	5.436E-03
201	2	127.25	14	1.455E+04	3.011E+04	-4.926E+03	-2.720E-02	4.252E+05	1.133E+07	-3.976E-02	5.333E-03
201	2	127.25	15	-6.334E+03	3.010E+04	-4.926E+03	-2.719E-02	4.324E+05	1.133E+07	-3.975E-02	5.381E-03
201	2	127.25	16	-6.229E+03	3.010E+04	-4.961E+03	-2.720E-02	4.138E+05	1.133E+07	-3.975E-02	5.278E-03
201	3	254.50	1	6.540E+02	2.784E+04	4.251E+03	6.494E-02	-1.147E+06	1.507E+07	-5.778E-02	-1.003E-02
201	3	254.50	2	7.585E+02	2.784E+04	4.217E+03	6.493E-02	-1.161E+06	1.507E+07	-5.778E-02	-1.016E-02
201	3	254.50	3	-2.013E+04	2.784E+04	4.216E+03	6.494E-02	-1.154E+06	1.507E+07	-5.777E-02	-1.009E-02
201	3	254.50	4	-2.002E+04	2.784E+04	4.181E+03	6.493E-02	-1.168E+06	1.507E+07	-5.777E-02	-1.022E-02
201	3	254.50	5	6.466E+02	2.785E+04	4.448E+03	6.266E-02	-1.191E+06	1.507E+07	-5.778E-02	-1.042E-02
201	3	254.50	6	7.511E+02	2.785E+04	4.413E+03	6.266E-02	-1.205E+06	1.507E+07	-5.778E-02	-1.054E-02
201	3	254.50	7	-2.014E+04	2.784E+04	4.413E+03	6.266E-02	-1.198E+06	1.507E+07	-5.777E-02	-1.048E-02
201	3	254.50	8	-2.003E+04	2.784E+04	4.378E+03	6.266E-02	-1.212E+06	1.507E+07	-5.777E-02	-1.060E-02
201	3	254.50	9	1.446E+04	2.795E+04	-5.087E+03	-2.492E-02	1.073E+06	1.503E+07	-5.762E-02	9.385E-03
201	3	254.50	10	1.456E+04	2.795E+04	-5.122E+03	-2.493E-02	1.059E+06	1.503E+07	-5.762E-02	9.261E-03
201	3	254.50	11	-6.324E+03	2.795E+04	-5.123E+03	-2.492E-02	1.066E+06	1.503E+07	-5.761E-02	9.324E-03
201	3	254.50	12	-6.220E+03	2.795E+04	-5.158E+03	-2.493E-02	1.052E+06	1.503E+07	-5.761E-02	9.200E-03
201	3	254.50	13	1.445E+04	2.795E+04	-4.891E+03	-2.719E-02	1.029E+06	1.503E+07	-5.761E-02	8.999E-03
201	3	254.50	14	1.456E+04	2.795E+04	-4.926E+03	-2.720E-02	1.015E+06	1.503E+07	-5.761E-02	8.875E-03
201	3	254.50	15	-6.332E+03	2.795E+04	-4.926E+03	-2.719E-02	1.022E+06	1.503E+07	-5.760E-02	8.938E-03
201	3	254.50	16	-6.227E+03	2.795E+04	-4.961E+03	-2.720E-02	1.008E+06	1.503E+07	-5.760E-02	8.814E-03
201	4	381.75	1	6.561E+02	2.569E+04	4.251E+03	6.494E-02	-1.676E+06	1.848E+07	-4.665E-02	-8.673E-03
201	4	381.75	2	7.606E+02	2.569E+04	4.217E+03	6.493E-02	-1.686E+06	1.848E+07	-4.665E-02	-8.757E-03
201	4	381.75	3	-2.013E+04	2.569E+04	4.216E+03	6.494E-02	-1.678E+06	1.848E+07	-4.664E-02	-8.709E-03
201	4	381.75	4	-2.002E+04	2.569E+04	4.181E+03	6.493E-02	-1.688E+06	1.848E+07	-4.664E-02	-8.793E-03
201	4	381.75	5	6.487E+02	2.569E+04	4.448E+03	6.266E-02	-1.745E+06	1.848E+07	-4.664E-02	-9.017E-03
201	4	381.75	6	7.532E+02	2.569E+04	4.413E+03	6.266E-02	-1.755E+06	1.848E+07	-4.664E-02	-9.101E-03
201	4	381.75	7	-2.013E+04	2.569E+04	4.413E+03	6.266E-02	-1.748E+06	1.848E+07	-4.664E-02	-9.053E-03
201	4	381.75	8	-2.003E+04	2.569E+04	4.378E+03	6.266E-02	-1.757E+06	1.848E+07	-4.664E-02	-9.137E-03
201	4	381.75	9	1.446E+04	2.580E+04	-5.087E+03	-2.492E-02	1.708E+06	1.845E+07	-4.653E-02	8.421E-03
201	4	381.75	10	1.457E+04	2.580E+04	-5.122E+03	-2.493E-02	1.699E+06	1.845E+07	-4.653E-02	8.338E-03
201	4	381.75	11	-6.322E+03	2.579E+04	-5.123E+03	-2.492E-02	1.706E+06	1.845E+07	-4.653E-02	8.385E-03
201	4	381.75	12	-6.217E+03	2.579E+04	-5.158E+03	-2.493E-02	1.696E+06	1.845E+07	-4.653E-02	8.302E-03
201	4	381.75	13	1.445E+04	2.580E+04	-4.891E+03	-2.719E-02	1.639E+06	1.845E+07	-4.653E-02	8.077E-03
201	4	381.75	14	1.456E+04	2.580E+04	-4.926E+03	-2.720E-02	1.630E+06	1.845E+07	-4.653E-02	7.993E-03
201	4	381.75	15	-6.329E+03	2.580E+04	-4.926E+03	-2.719E-02	1.637E+06	1.844E+07	-4.652E-02	8.041E-03
201	4	381.75	16	-6.225E+03	2.580E+04	-4.961E+03	-2.720E-02	1.627E+06	1.845E+07	-4.652E-02	7.957E-03
201	5	509.00	1	6.582E+02	2.354E+04	4.251E+03	6.494E-02	-2.211E+06	2.161E+07	2.680E-09	1.132E-09
201	5	509.00	2	7.627E+02	2.354E+04	4.217E+03	6.493E-02	-2.217E+06	2.161E+07	2.680E-09	1.115E-09
201	5	509.00	3	-2.012E+04	2.353E+04	4.216E+03	6.494E-02	-2.209E+06	2.161E+07	2.682E-09	1.133E-09

201	5	509.00	4	-2.002E+04	2.353E+04	4.181E+03	6.493E-02	-2.214E+06	2.161E+07	2.682E-09	1.117E-09
201	5	509.00	5	6.508E+02	2.354E+04	4.448E+03	6.266E-02	-2.305E+06	2.161E+07	2.681E-09	1.101E-09
201	5	509.00	6	7.554E+02	2.354E+04	4.413E+03	6.266E-02	-2.311E+06	2.161E+07	2.681E-09	1.084E-09
201	5	509.00	7	-2.013E+04	2.353E+04	4.413E+03	6.266E-02	-2.303E+06	2.161E+07	2.683E-09	1.103E-09
201	5	509.00	8	-2.003E+04	2.353E+04	4.378E+03	6.266E-02	-2.309E+06	2.161E+07	2.683E-09	1.086E-09
201	5	509.00	9	1.446E+04	2.364E+04	-5.087E+03	-2.492E-02	2.350E+06	2.159E+07	2.718E-09	-1.165E-09
201	5	509.00	10	1.457E+04	2.364E+04	-5.122E+03	-2.493E-02	2.345E+06	2.159E+07	2.718E-09	-1.181E-09
201	5	509.00	11	-6.320E+03	2.364E+04	-5.123E+03	-2.492E-02	2.352E+06	2.159E+07	2.720E-09	-1.163E-09
201	5	509.00	12	-6.215E+03	2.364E+04	-5.158E+03	-2.493E-02	2.347E+06	2.159E+07	2.721E-09	-1.180E-09
201	5	509.00	13	1.446E+04	2.365E+04	-4.891E+03	-2.719E-02	2.256E+06	2.159E+07	2.719E-09	-1.196E-09
201	5	509.00	14	1.456E+04	2.365E+04	-4.926E+03	-2.720E-02	2.251E+06	2.159E+07	2.719E-09	-1.212E-09
201	5	509.00	15	-6.327E+03	2.364E+04	-4.926E+03	-2.719E-02	2.258E+06	2.159E+07	2.721E-09	-1.194E-09
201	5	509.00	16	-6.223E+03	2.364E+04	-4.961E+03	-2.720E-02	2.253E+06	2.159E+07	2.721E-09	-1.211E-09
202	1	0.00	1	1.455E+04	3.226E+04	4.926E+03	2.720E-02	-1.334E+05	7.366E+06	0.000E+00	0.000E+00
202	1	0.00	2	1.445E+04	3.226E+04	4.891E+03	2.719E-02	-1.565E+05	7.365E+06	0.000E+00	0.000E+00
202	1	0.00	3	-6.231E+03	3.226E+04	4.961E+03	2.720E-02	-1.174E+05	7.364E+06	0.000E+00	0.000E+00
202	1	0.00	4	-6.336E+03	3.226E+04	4.926E+03	2.719E-02	-1.404E+05	7.364E+06	0.000E+00	0.000E+00
202	1	0.00	5	1.456E+04	3.226E+04	5.122E+03	2.493E-02	-1.274E+05	7.367E+06	0.000E+00	0.000E+00
202	1	0.00	6	1.445E+04	3.226E+04	5.087E+03	2.492E-02	-1.505E+05	7.367E+06	0.000E+00	0.000E+00
202	1	0.00	7	-6.224E+03	3.226E+04	5.158E+03	2.493E-02	-1.114E+05	7.366E+06	0.000E+00	0.000E+00
202	1	0.00	8	-6.328E+03	3.226E+04	5.123E+03	2.492E-02	-1.345E+05	7.366E+06	0.000E+00	0.000E+00
202	1	0.00	9	7.469E+02	3.215E+04	-4.413E+03	-6.266E-02	4.544E+05	7.437E+06	0.000E+00	0.000E+00
202	1	0.00	10	6.424E+02	3.215E+04	-4.448E+03	-6.266E-02	4.313E+05	7.437E+06	0.000E+00	0.000E+00
202	1	0.00	11	-2.004E+04	3.215E+04	-4.378E+03	-6.266E-02	4.704E+05	7.435E+06	0.000E+00	0.000E+00
202	1	0.00	12	-2.014E+04	3.215E+04	-4.413E+03	-6.266E-02	4.473E+05	7.435E+06	0.000E+00	0.000E+00
202	1	0.00	13	7.543E+02	3.215E+04	-4.217E+03	-6.493E-02	4.603E+05	7.439E+06	0.000E+00	0.000E+00
202	1	0.00	14	6.497E+02	3.215E+04	-4.251E+03	-6.494E-02	4.372E+05	7.439E+06	0.000E+00	0.000E+00
202	1	0.00	15	-2.003E+04	3.215E+04	-4.181E+03	-6.493E-02	4.763E+05	7.437E+06	0.000E+00	0.000E+00
202	1	0.00	16	-2.013E+04	3.215E+04	-4.216E+03	-6.494E-02	4.532E+05	7.437E+06	0.000E+00	0.000E+00
202	2	127.25	1	1.455E+04	3.011E+04	4.926E+03	2.720E-02	-4.252E+05	1.133E+07	-3.976E-02	-5.333E-03
202	2	127.25	2	1.445E+04	3.011E+04	4.891E+03	2.719E-02	-4.439E+05	1.133E+07	-3.976E-02	-5.436E-03
202	2	127.25	3	-6.229E+03	3.010E+04	4.961E+03	2.720E-02	-4.138E+05	1.133E+07	-3.975E-02	-5.278E-03
202	2	127.25	4	-6.334E+03	3.010E+04	4.926E+03	2.719E-02	-4.324E+05	1.133E+07	-3.975E-02	-5.381E-03
202	2	127.25	5	1.456E+04	3.011E+04	5.122E+03	2.493E-02	-4.444E+05	1.134E+07	-3.976E-02	-5.568E-03
202	2	127.25	6	1.446E+04	3.011E+04	5.087E+03	2.492E-02	-4.630E+05	1.134E+07	-3.976E-02	-5.671E-03
202	2	127.25	7	-6.222E+03	3.010E+04	5.158E+03	2.493E-02	-4.329E+05	1.133E+07	-3.975E-02	-5.512E-03
202	2	127.25	8	-6.326E+03	3.010E+04	5.123E+03	2.492E-02	-4.515E+05	1.133E+07	-3.975E-02	-5.615E-03
202	2	127.25	9	7.490E+02	3.000E+04	-4.413E+03	-6.266E-02	6.810E+05	1.139E+07	-3.990E-02	6.726E-03
202	2	127.25	10	6.445E+02	3.000E+04	-4.448E+03	-6.266E-02	6.624E+05	1.139E+07	-3.990E-02	6.623E-03
202	2	127.25	11	-2.003E+04	3.000E+04	-4.378E+03	-6.266E-02	6.925E+05	1.139E+07	-3.989E-02	6.782E-03
202	2	127.25	12	-2.014E+04	3.000E+04	-4.413E+03	-6.266E-02	6.739E+05	1.139E+07	-3.989E-02	6.679E-03
202	2	127.25	13	7.564E+02	3.000E+04	-4.217E+03	-6.493E-02	6.619E+05	1.139E+07	-3.990E-02	6.491E-03
202	2	127.25	14	6.519E+02	3.000E+04	-4.251E+03	-6.494E-02	6.433E+05	1.139E+07	-3.990E-02	6.388E-03
202	2	127.25	15	-2.003E+04	2.999E+04	-4.181E+03	-6.493E-02	6.734E+05	1.139E+07	-3.989E-02	6.547E-03
202	2	127.25	16	-2.013E+04	2.999E+04	-4.216E+03	-6.494E-02	6.548E+05	1.139E+07	-3.989E-02	6.444E-03
202	3	254.50	1	1.456E+04	2.795E+04	4.926E+03	2.720E-02	-1.015E+06	1.503E+07	-5.761E-02	-8.875E-03
202	3	254.50	2	1.445E+04	2.795E+04	4.891E+03	2.719E-02	-1.029E+06	1.503E+07	-5.761E-02	-8.999E-03
202	3	254.50	3	-6.227E+03	2.795E+04	4.961E+03	2.720E-02	-1.008E+06	1.503E+07	-5.760E-02	-8.814E-03
202	3	254.50	4	-6.332E+03	2.795E+04	4.926E+03	2.719E-02	-1.022E+06	1.503E+07	-5.760E-02	-8.938E-03
202	3	254.50	5	1.456E+04	2.795E+04	5.122E+03	2.493E-02	-1.059E+06	1.503E+07	-5.762E-02	-9.261E-03
202	3	254.50	6	1.446E+04	2.795E+04	5.087E+03	2.492E-02	-1.073E+06	1.503E+07	-5.762E-02	-9.385E-03
202	3	254.50	7	-6.220E+03	2.795E+04	5.158E+03	2.493E-02	-1.052E+06	1.503E+07	-5.761E-02	-9.200E-03
202	3	254.50	8	-6.324E+03	2.795E+04	5.123E+03	2.492E-02	-1.066E+06	1.503E+07	-5.761E-02	-9.324E-03
202	3	254.50	9	7.511E+02	2.785E+04	-4.413E+03	-6.266E-02	1.205E+06	1.507E+07	-5.778E-02	1.054E-02
202	3	254.50	10	6.466E+02	2.785E+04	-4.448E+03	-6.266E-02	1.191E+06	1.507E+07	-5.778E-02	1.042E-02
202	3	254.50	11	-2.003E+04	2.784E+04	-4.378E+03	-6.266E-02	1.212E+06	1.507E+07	-5.777E-02	1.060E-02
202	3	254.50	12	-2.014E+04	2.784E+04	-4.413E+03	-6.266E-02	1.198E+06	1.507E+07	-5.777E-02	1.048E-02
202	3	254.50	13	7.585E+02	2.784E+04	-4.217E+03	-6.493E-02	1.161E+06	1.507E+07	-5.778E-02	1.016E-02
202	3	254.50	14	6.540E+02	2.784E+04	-4.251E+03	-6.494E-02	1.147E+06	1.507E+07	-5.778E-02	1.003E-02
202	3	254.50	15	-2.002E+04	2.784E+04	-4.181E+03	-6.493E-02	1.168E+06	1.507E+07	-5.777E-02	1.022E-02
202	3	254.50	16	-2.013E+04	2.784E+04	-4.216E+03	-6.494E-02	1.154E+06	1.507E+07	-5.777E-02	1.009E-02
202	4	381.75	1	1.456E+04	2.580E+04	4.926E+03	2.720E-02	-1.630E+06	1.845E+07	-4.653E-02	-7.993E-03

202	4	381.75	2	1.445E+04	2.580E+04	4.891E+03	2.719E-02	-1.639E+06	1.845E+07	-4.653E-02	-8.077E-03
202	4	381.75	3	-6.225E+03	2.580E+04	4.961E+03	2.720E-02	-1.627E+06	1.845E+07	-4.652E-02	-7.957E-03
202	4	381.75	4	-6.329E+03	2.580E+04	4.926E+03	2.719E-02	-1.637E+06	1.844E+07	-4.652E-02	-8.041E-03
202	4	381.75	5	1.457E+04	2.580E+04	5.122E+03	2.493E-02	-1.699E+06	1.845E+07	-4.653E-02	-8.338E-03
202	4	381.75	6	1.446E+04	2.580E+04	5.087E+03	2.492E-02	-1.708E+06	1.845E+07	-4.653E-02	-8.421E-03
202	4	381.75	7	-6.217E+03	2.579E+04	5.158E+03	2.493E-02	-1.696E+06	1.845E+07	-4.653E-02	-8.302E-03
202	4	381.75	8	-6.322E+03	2.579E+04	5.123E+03	2.492E-02	-1.706E+06	1.845E+07	-4.653E-02	-8.385E-03
202	4	381.75	9	7.532E+02	2.569E+04	-4.413E+03	-6.266E-02	1.755E+06	1.848E+07	-4.664E-02	9.101E-03
202	4	381.75	10	6.487E+02	2.569E+04	-4.448E+03	-6.266E-02	1.745E+06	1.848E+07	-4.664E-02	9.017E-03
202	4	381.75	11	-2.003E+04	2.569E+04	-4.378E+03	-6.266E-02	1.757E+06	1.848E+07	-4.664E-02	9.137E-03
202	4	381.75	12	-2.013E+04	2.569E+04	-4.413E+03	-6.266E-02	1.748E+06	1.848E+07	-4.664E-02	9.053E-03
202	4	381.75	13	7.606E+02	2.569E+04	-4.217E+03	-6.493E-02	1.686E+06	1.848E+07	-4.665E-02	8.757E-03
202	4	381.75	14	6.561E+02	2.569E+04	-4.251E+03	-6.494E-02	1.676E+06	1.848E+07	-4.665E-02	8.673E-03
202	4	381.75	15	-2.002E+04	2.569E+04	-4.181E+03	-6.493E-02	1.688E+06	1.848E+07	-4.664E-02	8.793E-03
202	4	381.75	16	-2.013E+04	2.569E+04	-4.216E+03	-6.494E-02	1.678E+06	1.848E+07	-4.664E-02	8.709E-03
202	5	509.00	1	1.456E+04	2.365E+04	4.926E+03	2.720E-02	-2.251E+06	2.159E+07	2.719E-09	1.212E-09
202	5	509.00	2	1.446E+04	2.365E+04	4.891E+03	2.719E-02	-2.256E+06	2.159E+07	2.719E-09	1.196E-09
202	5	509.00	3	-6.223E+03	2.364E+04	4.961E+03	2.720E-02	-2.253E+06	2.159E+07	2.721E-09	1.211E-09
202	5	509.00	4	-6.327E+03	2.364E+04	4.926E+03	2.719E-02	-2.258E+06	2.159E+07	2.721E-09	1.194E-09
202	5	509.00	5	1.457E+04	2.364E+04	5.122E+03	2.493E-02	-2.345E+06	2.159E+07	2.718E-09	1.181E-09
202	5	509.00	6	1.446E+04	2.364E+04	5.087E+03	2.492E-02	-2.350E+06	2.159E+07	2.718E-09	1.165E-09
202	5	509.00	7	-6.215E+03	2.364E+04	5.158E+03	2.493E-02	-2.347E+06	2.159E+07	2.720E-09	1.180E-09
202	5	509.00	8	-6.320E+03	2.364E+04	5.123E+03	2.492E-02	-2.352E+06	2.159E+07	2.720E-09	1.163E-09
202	5	509.00	9	7.554E+02	2.354E+04	-4.413E+03	-6.266E-02	2.311E+06	2.161E+07	2.681E-09	-1.084E-09
202	5	509.00	10	6.508E+02	2.354E+04	-4.448E+03	-6.266E-02	2.305E+06	2.161E+07	2.681E-09	-1.101E-09
202	5	509.00	11	-2.003E+04	2.353E+04	-4.378E+03	-6.266E-02	2.309E+06	2.161E+07	2.683E-09	-1.086E-09
202	5	509.00	12	-2.013E+04	2.353E+04	-4.413E+03	-6.266E-02	2.303E+06	2.161E+07	2.683E-09	-1.103E-09
202	5	509.00	13	7.627E+02	2.354E+04	-4.217E+03	-6.493E-02	2.217E+06	2.161E+07	2.680E-09	-1.115E-09
202	5	509.00	14	6.582E+02	2.354E+04	-4.251E+03	-6.494E-02	2.211E+06	2.161E+07	2.680E-09	-1.132E-09
202	5	509.00	15	-2.002E+04	2.353E+04	-4.181E+03	-6.493E-02	2.214E+06	2.161E+07	2.682E-09	-1.117E-09
202	5	509.00	16	-2.012E+04	2.353E+04	-4.216E+03	-6.494E-02	2.209E+06	2.161E+07	2.682E-09	-1.133E-09
203	1	0.00	1	-7.605E+02	1.393E+04	1.972E+03	5.617E-02	-2.012E+06	2.162E+07	0.000E+00	0.000E+00
203	1	0.00	2	-7.148E+02	1.393E+04	1.937E+03	5.617E-02	-2.026E+06	2.162E+07	0.000E+00	0.000E+00
203	1	0.00	3	-1.885E+04	1.393E+04	1.976E+03	5.617E-02	-2.010E+06	2.162E+07	0.000E+00	0.000E+00
203	1	0.00	4	-1.880E+04	1.393E+04	1.941E+03	5.617E-02	-2.024E+06	2.162E+07	0.000E+00	0.000E+00
203	1	0.00	5	-8.396E+02	1.394E+04	2.039E+03	5.387E-02	-2.095E+06	2.162E+07	0.000E+00	0.000E+00
203	1	0.00	6	-7.940E+02	1.394E+04	2.005E+03	5.386E-02	-2.109E+06	2.162E+07	0.000E+00	0.000E+00
203	1	0.00	7	-1.893E+04	1.394E+04	2.044E+03	5.387E-02	-2.093E+06	2.162E+07	0.000E+00	0.000E+00
203	1	0.00	8	-1.888E+04	1.394E+04	2.009E+03	5.386E-02	-2.107E+06	2.162E+07	0.000E+00	0.000E+00
203	1	0.00	9	1.334E+04	1.404E+04	-1.919E+03	-3.503E-02	2.148E+06	2.158E+07	0.000E+00	0.000E+00
203	1	0.00	10	1.338E+04	1.404E+04	-1.954E+03	-3.503E-02	2.134E+06	2.158E+07	0.000E+00	0.000E+00
203	1	0.00	11	-4.752E+03	1.404E+04	-1.915E+03	-3.503E-02	2.150E+06	2.158E+07	0.000E+00	0.000E+00
203	1	0.00	12	-4.706E+03	1.404E+04	-1.949E+03	-3.503E-02	2.136E+06	2.158E+07	0.000E+00	0.000E+00
203	1	0.00	13	1.326E+04	1.404E+04	-1.851E+03	-3.734E-02	2.064E+06	2.158E+07	0.000E+00	0.000E+00
203	1	0.00	14	1.330E+04	1.404E+04	-1.886E+03	-3.734E-02	2.051E+06	2.158E+07	0.000E+00	0.000E+00
203	1	0.00	15	-4.831E+03	1.404E+04	-1.847E+03	-3.734E-02	2.067E+06	2.158E+07	0.000E+00	0.000E+00
203	1	0.00	16	-4.785E+03	1.404E+04	-1.882E+03	-3.734E-02	2.053E+06	2.158E+07	0.000E+00	0.000E+00
203	2	127.50	1	-7.583E+02	1.178E+04	1.972E+03	5.617E-02	-2.243E+06	2.326E+07	-6.967E-02	-1.580E-02
203	2	127.50	2	-7.127E+02	1.178E+04	1.937E+03	5.617E-02	-2.252E+06	2.326E+07	-6.967E-02	-1.584E-02
203	2	127.50	3	-1.885E+04	1.177E+04	1.976E+03	5.617E-02	-2.242E+06	2.326E+07	-6.966E-02	-1.580E-02
203	2	127.50	4	-1.880E+04	1.177E+04	1.941E+03	5.617E-02	-2.251E+06	2.326E+07	-6.966E-02	-1.583E-02
203	2	127.50	5	-8.375E+02	1.178E+04	2.039E+03	5.387E-02	-2.335E+06	2.326E+07	-6.967E-02	-1.645E-02
203	2	127.50	6	-7.919E+02	1.178E+04	2.005E+03	5.386E-02	-2.344E+06	2.326E+07	-6.967E-02	-1.649E-02
203	2	127.50	7	-1.893E+04	1.178E+04	2.044E+03	5.387E-02	-2.333E+06	2.326E+07	-6.966E-02	-1.644E-02
203	2	127.50	8	-1.888E+04	1.178E+04	2.009E+03	5.386E-02	-2.343E+06	2.326E+07	-6.966E-02	-1.648E-02
203	2	127.50	9	1.334E+04	1.188E+04	-1.919E+03	-3.503E-02	2.372E+06	2.323E+07	-6.961E-02	1.662E-02
203	2	127.50	10	1.338E+04	1.188E+04	-1.954E+03	-3.503E-02	2.363E+06	2.323E+07	-6.961E-02	1.658E-02
203	2	127.50	11	-4.750E+03	1.188E+04	-1.915E+03	-3.503E-02	2.373E+06	2.323E+07	-6.960E-02	1.663E-02
203	2	127.50	12	-4.704E+03	1.188E+04	-1.949E+03	-3.503E-02	2.364E+06	2.323E+07	-6.960E-02	1.659E-02
203	2	127.50	13	1.326E+04	1.189E+04	-1.851E+03	-3.734E-02	2.280E+06	2.323E+07	-6.961E-02	1.598E-02
203	2	127.50	14	1.330E+04	1.189E+04	-1.886E+03	-3.734E-02	2.271E+06	2.323E+07	-6.961E-02	1.594E-02
203	2	127.50	15	-4.829E+03	1.189E+04	-1.847E+03	-3.734E-02	2.282E+06	2.323E+07	-6.960E-02	1.599E-02

203	2	127.50	16	-4.783E+03	1.189E+04	-1.882E+03	-3.734E-02	2.273E+06	2.323E+07	-6.960E-02	1.595E-02
203	3	255.00	1	-7.562E+02	9.617E+03	1.972E+03	5.617E-02	-2.478E+06	2.463E+07	-9.454E-02	-2.176E-02
203	3	255.00	2	-7.106E+02	9.617E+03	1.937E+03	5.617E-02	-2.482E+06	2.463E+07	-9.454E-02	-2.180E-02
203	3	255.00	3	-1.884E+04	9.616E+03	1.976E+03	5.617E-02	-2.477E+06	2.462E+07	-9.453E-02	-2.175E-02
203	3	255.00	4	-1.880E+04	9.616E+03	1.941E+03	5.617E-02	-2.481E+06	2.462E+07	-9.453E-02	-2.179E-02
203	3	255.00	5	-8.354E+02	9.620E+03	2.039E+03	5.387E-02	-2.578E+06	2.463E+07	-9.454E-02	-2.264E-02
203	3	255.00	6	-7.898E+02	9.620E+03	2.005E+03	5.386E-02	-2.583E+06	2.463E+07	-9.454E-02	-2.268E-02
203	3	255.00	7	-1.892E+04	9.619E+03	2.044E+03	5.387E-02	-2.577E+06	2.462E+07	-9.452E-02	-2.264E-02
203	3	255.00	8	-1.888E+04	9.619E+03	2.009E+03	5.386E-02	-2.582E+06	2.462E+07	-9.453E-02	-2.268E-02
203	3	255.00	9	1.334E+04	9.725E+03	-1.919E+03	-3.503E-02	2.600E+06	2.461E+07	-9.448E-02	2.283E-02
203	3	255.00	10	1.339E+04	9.725E+03	-1.954E+03	-3.503E-02	2.595E+06	2.461E+07	-9.448E-02	2.279E-02
203	3	255.00	11	-4.747E+03	9.724E+03	-1.915E+03	-3.503E-02	2.601E+06	2.461E+07	-9.447E-02	2.284E-02
203	3	255.00	12	-4.702E+03	9.724E+03	-1.949E+03	-3.503E-02	2.596E+06	2.461E+07	-9.447E-02	2.280E-02
203	3	255.00	13	1.326E+04	9.728E+03	-1.851E+03	-3.734E-02	2.499E+06	2.461E+07	-9.448E-02	2.195E-02
203	3	255.00	14	1.331E+04	9.728E+03	-1.886E+03	-3.734E-02	2.495E+06	2.461E+07	-9.448E-02	2.191E-02
203	3	255.00	15	-4.827E+03	9.727E+03	-1.847E+03	-3.734E-02	2.500E+06	2.461E+07	-9.447E-02	2.196E-02
203	3	255.00	16	-4.781E+03	9.727E+03	-1.882E+03	-3.734E-02	2.496E+06	2.461E+07	-9.447E-02	2.192E-02
203	4	382.50	1	-7.541E+02	7.459E+03	1.972E+03	5.617E-02	-2.715E+06	2.572E+07	-7.201E-02	-1.684E-02
203	4	382.50	2	-7.085E+02	7.459E+03	1.937E+03	5.617E-02	-2.716E+06	2.572E+07	-7.201E-02	-1.686E-02
203	4	382.50	3	-1.884E+04	7.458E+03	1.976E+03	5.617E-02	-2.715E+06	2.571E+07	-7.200E-02	-1.684E-02
203	4	382.50	4	-1.880E+04	7.458E+03	1.941E+03	5.617E-02	-2.715E+06	2.571E+07	-7.200E-02	-1.686E-02
203	4	382.50	5	-8.333E+02	7.462E+03	2.039E+03	5.387E-02	-2.825E+06	2.572E+07	-7.201E-02	-1.752E-02
203	4	382.50	6	-7.876E+02	7.462E+03	2.005E+03	5.386E-02	-2.825E+06	2.572E+07	-7.201E-02	-1.754E-02
203	4	382.50	7	-1.892E+04	7.461E+03	2.044E+03	5.387E-02	-2.824E+06	2.571E+07	-7.200E-02	-1.752E-02
203	4	382.50	8	-1.888E+04	7.461E+03	2.009E+03	5.386E-02	-2.824E+06	2.571E+07	-7.200E-02	-1.754E-02
203	4	382.50	9	1.334E+04	7.567E+03	-1.919E+03	-3.503E-02	2.831E+06	2.571E+07	-7.198E-02	1.763E-02
203	4	382.50	10	1.339E+04	7.567E+03	-1.954E+03	-3.503E-02	2.831E+06	2.571E+07	-7.198E-02	1.761E-02
203	4	382.50	11	-4.745E+03	7.566E+03	-1.915E+03	-3.503E-02	2.831E+06	2.571E+07	-7.197E-02	1.764E-02
203	4	382.50	12	-4.700E+03	7.566E+03	-1.949E+03	-3.503E-02	2.831E+06	2.571E+07	-7.197E-02	1.761E-02
203	4	382.50	13	1.326E+04	7.570E+03	-1.851E+03	-3.734E-02	2.722E+06	2.571E+07	-7.198E-02	1.695E-02
203	4	382.50	14	1.331E+04	7.570E+03	-1.886E+03	-3.734E-02	2.722E+06	2.571E+07	-7.198E-02	1.693E-02
203	4	382.50	15	-4.824E+03	7.569E+03	-1.847E+03	-3.734E-02	2.722E+06	2.571E+07	-7.197E-02	1.695E-02
203	4	382.50	16	-4.779E+03	7.569E+03	-1.882E+03	-3.734E-02	2.722E+06	2.571E+07	-7.197E-02	1.693E-02
203	5	510.00	1	-7.520E+02	5.301E+03	1.972E+03	5.617E-02	-2.955E+06	2.653E+07	-1.007E-08	-2.781E-09
203	5	510.00	2	-7.063E+02	5.301E+03	1.937E+03	5.617E-02	-2.951E+06	2.653E+07	-1.007E-08	-2.777E-09
203	5	510.00	3	-1.884E+04	5.300E+03	1.976E+03	5.617E-02	-2.955E+06	2.652E+07	-1.007E-08	-2.779E-09
203	5	510.00	4	-1.879E+04	5.300E+03	1.941E+03	5.617E-02	-2.951E+06	2.653E+07	-1.007E-08	-2.774E-09
203	5	510.00	5	-8.312E+02	5.304E+03	2.039E+03	5.387E-02	-3.073E+06	2.653E+07	-1.007E-08	-2.684E-09
203	5	510.00	6	-7.855E+02	5.304E+03	2.005E+03	5.386E-02	-3.069E+06	2.653E+07	-1.007E-08	-2.680E-09
203	5	510.00	7	-1.892E+04	5.302E+03	2.044E+03	5.387E-02	-3.073E+06	2.653E+07	-1.007E-08	-2.682E-09
203	5	510.00	8	-1.887E+04	5.303E+03	2.009E+03	5.386E-02	-3.069E+06	2.653E+07	-1.007E-08	-2.677E-09
203	5	510.00	9	1.334E+04	5.409E+03	-1.919E+03	-3.503E-02	3.064E+06	2.654E+07	-1.004E-08	2.668E-09
203	5	510.00	10	1.339E+04	5.409E+03	-1.954E+03	-3.503E-02	3.068E+06	2.654E+07	-1.004E-08	2.673E-09
203	5	510.00	11	-4.743E+03	5.408E+03	-1.915E+03	-3.503E-02	3.064E+06	2.654E+07	-1.004E-08	2.671E-09
203	5	510.00	12	-4.698E+03	5.408E+03	-1.949E+03	-3.503E-02	3.068E+06	2.654E+07	-1.004E-08	2.675E-09
203	5	510.00	13	1.327E+04	5.411E+03	-1.851E+03	-3.734E-02	2.946E+06	2.654E+07	-1.004E-08	2.765E-09
203	5	510.00	14	1.331E+04	5.411E+03	-1.886E+03	-3.734E-02	2.950E+06	2.654E+07	-1.004E-08	2.770E-09
203	5	510.00	15	-4.822E+03	5.410E+03	-1.847E+03	-3.734E-02	2.946E+06	2.654E+07	-1.004E-08	2.767E-09
203	5	510.00	16	-4.777E+03	5.410E+03	-1.882E+03	-3.734E-02	2.950E+06	2.654E+07	-1.004E-08	2.772E-09
204	1	0.00	1	1.330E+04	1.404E+04	1.886E+03	3.734E-02	-2.051E+06	2.158E+07	0.000E+00	0.000E+00
204	1	0.00	2	1.326E+04	1.404E+04	1.851E+03	3.734E-02	-2.064E+06	2.158E+07	0.000E+00	0.000E+00
204	1	0.00	3	-4.785E+03	1.404E+04	1.882E+03	3.734E-02	-2.053E+06	2.158E+07	0.000E+00	0.000E+00
204	1	0.00	4	-4.831E+03	1.404E+04	1.847E+03	3.734E-02	-2.067E+06	2.158E+07	0.000E+00	0.000E+00
204	1	0.00	5	1.338E+04	1.404E+04	1.954E+03	3.503E-02	-2.134E+06	2.158E+07	0.000E+00	0.000E+00
204	1	0.00	6	1.334E+04	1.404E+04	1.919E+03	3.503E-02	-2.148E+06	2.158E+07	0.000E+00	0.000E+00
204	1	0.00	7	-4.706E+03	1.404E+04	1.949E+03	3.503E-02	-2.136E+06	2.158E+07	0.000E+00	0.000E+00
204	1	0.00	8	-4.752E+03	1.404E+04	1.915E+03	3.503E-02	-2.150E+06	2.158E+07	0.000E+00	0.000E+00
204	1	0.00	9	-7.940E+02	1.394E+04	-2.005E+03	-5.386E-02	2.109E+06	2.162E+07	0.000E+00	0.000E+00
204	1	0.00	10	-8.396E+02	1.394E+04	-2.039E+03	-5.387E-02	2.095E+06	2.162E+07	0.000E+00	0.000E+00
204	1	0.00	11	-1.888E+04	1.394E+04	-2.009E+03	-5.386E-02	2.107E+06	2.162E+07	0.000E+00	0.000E+00
204	1	0.00	12	-1.893E+04	1.394E+04	-2.044E+03	-5.387E-02	2.093E+06	2.162E+07	0.000E+00	0.000E+00
204	1	0.00	13	-7.148E+02	1.393E+04	-1.937E+03	-5.617E-02	2.026E+06	2.162E+07	0.000E+00	0.000E+00

204	1	0.00	14	-7.605E+02	1.393E+04	-1.972E+03	-5.617E-02	2.012E+06	2.162E+07	0.000E+00	0.000E+00
204	1	0.00	15	-1.880E+04	1.393E+04	-1.941E+03	-5.617E-02	2.024E+06	2.162E+07	0.000E+00	0.000E+00
204	1	0.00	16	-1.885E+04	1.393E+04	-1.976E+03	-5.617E-02	2.010E+06	2.162E+07	0.000E+00	0.000E+00
204	2	127.50	1	1.330E+04	1.189E+04	1.886E+03	3.734E-02	-2.271E+06	2.323E+07	-6.961E-02	-1.594E-02
204	2	127.50	2	1.326E+04	1.189E+04	1.851E+03	3.734E-02	-2.280E+06	2.323E+07	-6.961E-02	-1.598E-02
204	2	127.50	3	-4.783E+03	1.189E+04	1.882E+03	3.734E-02	-2.273E+06	2.323E+07	-6.960E-02	-1.595E-02
204	2	127.50	4	-4.829E+03	1.189E+04	1.847E+03	3.734E-02	-2.282E+06	2.323E+07	-6.960E-02	-1.599E-02
204	2	127.50	5	1.338E+04	1.188E+04	1.954E+03	3.503E-02	-2.363E+06	2.323E+07	-6.961E-02	-1.658E-02
204	2	127.50	6	1.334E+04	1.188E+04	1.919E+03	3.503E-02	-2.372E+06	2.323E+07	-6.961E-02	-1.662E-02
204	2	127.50	7	-4.704E+03	1.188E+04	1.949E+03	3.503E-02	-2.364E+06	2.323E+07	-6.960E-02	-1.659E-02
204	2	127.50	8	-4.750E+03	1.188E+04	1.915E+03	3.503E-02	-2.373E+06	2.323E+07	-6.960E-02	-1.663E-02
204	2	127.50	9	-7.919E+02	1.178E+04	-2.005E+03	-5.386E-02	2.344E+06	2.326E+07	-6.967E-02	1.649E-02
204	2	127.50	10	-8.375E+02	1.178E+04	-2.039E+03	-5.387E-02	2.335E+06	2.326E+07	-6.967E-02	1.645E-02
204	2	127.50	11	-1.888E+04	1.178E+04	-2.009E+03	-5.386E-02	2.343E+06	2.326E+07	-6.966E-02	1.648E-02
204	2	127.50	12	-1.893E+04	1.178E+04	-2.044E+03	-5.387E-02	2.333E+06	2.326E+07	-6.966E-02	1.644E-02
204	2	127.50	13	-7.127E+02	1.178E+04	-1.937E+03	-5.617E-02	2.252E+06	2.326E+07	-6.967E-02	1.584E-02
204	2	127.50	14	-7.583E+02	1.178E+04	-1.972E+03	-5.617E-02	2.243E+06	2.326E+07	-6.967E-02	1.580E-02
204	2	127.50	15	-1.880E+04	1.177E+04	-1.941E+03	-5.617E-02	2.251E+06	2.326E+07	-6.966E-02	1.583E-02
204	2	127.50	16	-1.885E+04	1.177E+04	-1.976E+03	-5.617E-02	2.242E+06	2.326E+07	-6.966E-02	1.580E-02
204	3	255.00	1	1.331E+04	9.728E+03	1.886E+03	3.734E-02	-2.495E+06	2.461E+07	-9.448E-02	-2.191E-02
204	3	255.00	2	1.326E+04	9.728E+03	1.851E+03	3.734E-02	-2.499E+06	2.461E+07	-9.448E-02	-2.195E-02
204	3	255.00	3	-4.781E+03	9.727E+03	1.882E+03	3.734E-02	-2.496E+06	2.461E+07	-9.447E-02	-2.192E-02
204	3	255.00	4	-4.827E+03	9.727E+03	1.847E+03	3.734E-02	-2.500E+06	2.461E+07	-9.447E-02	-2.196E-02
204	3	255.00	5	1.339E+04	9.725E+03	1.954E+03	3.503E-02	-2.595E+06	2.461E+07	-9.448E-02	-2.279E-02
204	3	255.00	6	1.334E+04	9.725E+03	1.919E+03	3.503E-02	-2.600E+06	2.461E+07	-9.448E-02	-2.283E-02
204	3	255.00	7	-4.702E+03	9.724E+03	1.949E+03	3.503E-02	-2.596E+06	2.461E+07	-9.447E-02	-2.280E-02
204	3	255.00	8	-4.747E+03	9.724E+03	1.915E+03	3.503E-02	-2.601E+06	2.461E+07	-9.447E-02	-2.284E-02
204	3	255.00	9	-7.898E+02	9.620E+03	-2.005E+03	-5.386E-02	2.583E+06	2.463E+07	-9.454E-02	2.268E-02
204	3	255.00	10	-8.354E+02	9.620E+03	-2.039E+03	-5.387E-02	2.578E+06	2.463E+07	-9.454E-02	2.264E-02
204	3	255.00	11	-1.888E+04	9.619E+03	-2.009E+03	-5.386E-02	2.582E+06	2.462E+07	-9.453E-02	2.268E-02
204	3	255.00	12	-1.892E+04	9.619E+03	-2.044E+03	-5.387E-02	2.577E+06	2.462E+07	-9.452E-02	2.264E-02
204	3	255.00	13	-7.106E+02	9.617E+03	-1.937E+03	-5.617E-02	2.482E+06	2.463E+07	-9.454E-02	2.180E-02
204	3	255.00	14	-7.562E+02	9.617E+03	-1.972E+03	-5.617E-02	2.478E+06	2.463E+07	-9.454E-02	2.176E-02
204	3	255.00	15	-1.880E+04	9.616E+03	-1.941E+03	-5.617E-02	2.481E+06	2.462E+07	-9.453E-02	2.179E-02
204	3	255.00	16	-1.884E+04	9.616E+03	-1.976E+03	-5.617E-02	2.477E+06	2.462E+07	-9.453E-02	2.175E-02
204	4	382.50	1	1.331E+04	7.570E+03	1.886E+03	3.734E-02	-2.722E+06	2.571E+07	-7.198E-02	-1.693E-02
204	4	382.50	2	1.326E+04	7.570E+03	1.851E+03	3.734E-02	-2.722E+06	2.571E+07	-7.198E-02	-1.695E-02
204	4	382.50	3	-4.779E+03	7.569E+03	1.882E+03	3.734E-02	-2.722E+06	2.571E+07	-7.197E-02	-1.693E-02
204	4	382.50	4	-4.824E+03	7.569E+03	1.847E+03	3.734E-02	-2.722E+06	2.571E+07	-7.197E-02	-1.695E-02
204	4	382.50	5	1.339E+04	7.567E+03	1.954E+03	3.503E-02	-2.831E+06	2.571E+07	-7.198E-02	-1.761E-02
204	4	382.50	6	1.334E+04	7.567E+03	1.919E+03	3.503E-02	-2.831E+06	2.571E+07	-7.198E-02	-1.763E-02
204	4	382.50	7	-4.700E+03	7.566E+03	1.949E+03	3.503E-02	-2.831E+06	2.571E+07	-7.197E-02	-1.761E-02
204	4	382.50	8	-4.745E+03	7.566E+03	1.915E+03	3.503E-02	-2.831E+06	2.571E+07	-7.197E-02	-1.764E-02
204	4	382.50	9	-7.876E+02	7.462E+03	-2.005E+03	-5.386E-02	2.825E+06	2.572E+07	-7.201E-02	1.754E-02
204	4	382.50	10	-8.333E+02	7.462E+03	-2.039E+03	-5.387E-02	2.825E+06	2.572E+07	-7.201E-02	1.752E-02
204	4	382.50	11	-1.888E+04	7.461E+03	-2.009E+03	-5.386E-02	2.824E+06	2.571E+07	-7.200E-02	1.754E-02
204	4	382.50	12	-1.892E+04	7.461E+03	-2.044E+03	-5.387E-02	2.824E+06	2.571E+07	-7.200E-02	1.752E-02
204	4	382.50	13	-7.085E+02	7.459E+03	-1.937E+03	-5.617E-02	2.716E+06	2.572E+07	-7.201E-02	1.686E-02
204	4	382.50	14	-7.541E+02	7.459E+03	-1.972E+03	-5.617E-02	2.715E+06	2.572E+07	-7.201E-02	1.684E-02
204	4	382.50	15	-1.880E+04	7.458E+03	-1.941E+03	-5.617E-02	2.715E+06	2.571E+07	-7.200E-02	1.686E-02
204	4	382.50	16	-1.884E+04	7.458E+03	-1.976E+03	-5.617E-02	2.715E+06	2.571E+07	-7.200E-02	1.684E-02
204	5	510.00	1	1.331E+04	5.411E+03	1.886E+03	3.734E-02	-2.950E+06	2.654E+07	-1.004E-08	-2.770E-09
204	5	510.00	2	1.327E+04	5.411E+03	1.851E+03	3.734E-02	-2.946E+06	2.654E+07	-1.004E-08	-2.765E-09
204	5	510.00	3	-4.777E+03	5.410E+03	1.882E+03	3.734E-02	-2.950E+06	2.654E+07	-1.004E-08	-2.772E-09
204	5	510.00	4	-4.822E+03	5.410E+03	1.847E+03	3.734E-02	-2.946E+06	2.654E+07	-1.004E-08	-2.767E-09
204	5	510.00	5	1.339E+04	5.409E+03	1.954E+03	3.503E-02	-3.068E+06	2.654E+07	-1.004E-08	-2.673E-09
204	5	510.00	6	1.334E+04	5.409E+03	1.919E+03	3.503E-02	-3.064E+06	2.654E+07	-1.004E-08	-2.668E-09
204	5	510.00	7	-4.698E+03	5.408E+03	1.949E+03	3.503E-02	-3.068E+06	2.654E+07	-1.004E-08	-2.675E-09
204	5	510.00	8	-4.743E+03	5.408E+03	1.915E+03	3.503E-02	-3.064E+06	2.654E+07	-1.004E-08	-2.671E-09
204	5	510.00	9	-7.855E+02	5.304E+03	-2.005E+03	-5.386E-02	3.069E+06	2.653E+07	-1.007E-08	2.680E-09
204	5	510.00	10	-8.312E+02	5.304E+03	-2.039E+03	-5.387E-02	3.073E+06	2.653E+07	-1.007E-08	2.684E-09
204	5	510.00	11	-1.887E+04	5.303E+03	-2.009E+03	-5.386E-02	3.069E+06	2.653E+07	-1.007E-08	2.677E-09

204	5	510.00	12	-1.892E+04	5.302E+03	-2.044E+03	-5.387E-02	3.073E+06	2.653E+07	-1.007E-08	2.682E-09
204	5	510.00	13	-7.063E+02	5.301E+03	-1.937E+03	-5.617E-02	2.951E+06	2.653E+07	-1.007E-08	2.777E-09
204	5	510.00	14	-7.520E+02	5.301E+03	-1.972E+03	-5.617E-02	2.955E+06	2.653E+07	-1.007E-08	2.781E-09
204	5	510.00	15	-1.879E+04	5.300E+03	-1.941E+03	-5.617E-02	2.951E+06	2.653E+07	-1.007E-08	2.774E-09
204	5	510.00	16	-1.884E+04	5.300E+03	-1.976E+03	-5.617E-02	2.955E+06	2.652E+07	-1.007E-08	2.779E-09
205	1	0.00	1	-2.176E+03	-5.412E+03	-1.602E+03	3.734E-02	-2.918E+06	2.654E+07	0.000E+00	0.000E+00
205	1	0.00	2	-2.193E+03	-5.412E+03	-1.637E+03	3.735E-02	-2.922E+06	2.654E+07	0.000E+00	0.000E+00
205	1	0.00	3	-1.737E+04	-5.410E+03	-1.601E+03	3.734E-02	-2.918E+06	2.654E+07	0.000E+00	0.000E+00
205	1	0.00	4	-1.739E+04	-5.410E+03	-1.636E+03	3.735E-02	-2.922E+06	2.654E+07	0.000E+00	0.000E+00
205	1	0.00	5	-2.281E+03	-5.409E+03	-1.655E+03	3.504E-02	-3.032E+06	2.654E+07	0.000E+00	0.000E+00
205	1	0.00	6	-2.299E+03	-5.409E+03	-1.690E+03	3.504E-02	-3.036E+06	2.654E+07	0.000E+00	0.000E+00
205	1	0.00	7	-1.747E+04	-5.407E+03	-1.654E+03	3.504E-02	-3.032E+06	2.654E+07	0.000E+00	0.000E+00
205	1	0.00	8	-1.749E+04	-5.407E+03	-1.689E+03	3.504E-02	-3.036E+06	2.654E+07	0.000E+00	0.000E+00
205	1	0.00	9	1.198E+04	-5.304E+03	1.599E+03	-5.388E-02	3.031E+06	2.653E+07	0.000E+00	0.000E+00
205	1	0.00	10	1.197E+04	-5.304E+03	1.564E+03	-5.387E-02	3.027E+06	2.653E+07	0.000E+00	0.000E+00
205	1	0.00	11	-3.209E+03	-5.302E+03	1.600E+03	-5.388E-02	3.031E+06	2.653E+07	0.000E+00	0.000E+00
205	1	0.00	12	-3.226E+03	-5.302E+03	1.565E+03	-5.387E-02	3.027E+06	2.653E+07	0.000E+00	0.000E+00
205	1	0.00	13	1.188E+04	-5.301E+03	1.546E+03	-5.618E-02	2.917E+06	2.653E+07	0.000E+00	0.000E+00
205	1	0.00	14	1.186E+04	-5.301E+03	1.511E+03	-5.617E-02	2.913E+06	2.653E+07	0.000E+00	0.000E+00
205	1	0.00	15	-3.314E+03	-5.299E+03	1.547E+03	-5.618E-02	2.917E+06	2.652E+07	0.000E+00	0.000E+00
205	1	0.00	16	-3.332E+03	-5.299E+03	1.512E+03	-5.617E-02	2.913E+06	2.652E+07	0.000E+00	0.000E+00
205	2	127.50	1	-2.173E+03	-7.570E+03	-1.602E+03	3.734E-02	-2.729E+06	2.571E+07	-7.198E-02	-1.715E-02
205	2	127.50	2	-2.191E+03	-7.570E+03	-1.637E+03	3.735E-02	-2.729E+06	2.571E+07	-7.198E-02	-1.713E-02
205	2	127.50	3	-1.737E+04	-7.568E+03	-1.601E+03	3.734E-02	-2.729E+06	2.571E+07	-7.197E-02	-1.715E-02
205	2	127.50	4	-1.738E+04	-7.568E+03	-1.636E+03	3.735E-02	-2.729E+06	2.571E+07	-7.197E-02	-1.713E-02
205	2	127.50	5	-2.279E+03	-7.567E+03	-1.655E+03	3.504E-02	-2.836E+06	2.571E+07	-7.198E-02	-1.783E-02
205	2	127.50	6	-2.297E+03	-7.567E+03	-1.690E+03	3.504E-02	-2.836E+06	2.571E+07	-7.198E-02	-1.781E-02
205	2	127.50	7	-1.747E+04	-7.565E+03	-1.654E+03	3.504E-02	-2.836E+06	2.571E+07	-7.197E-02	-1.783E-02
205	2	127.50	8	-1.749E+04	-7.565E+03	-1.689E+03	3.504E-02	-2.836E+06	2.571E+07	-7.197E-02	-1.781E-02
205	2	127.50	9	1.199E+04	-7.462E+03	1.599E+03	-5.388E-02	2.842E+06	2.572E+07	-7.201E-02	1.790E-02
205	2	127.50	10	1.197E+04	-7.462E+03	1.564E+03	-5.387E-02	2.843E+06	2.572E+07	-7.201E-02	1.792E-02
205	2	127.50	11	-3.206E+03	-7.460E+03	1.600E+03	-5.388E-02	2.842E+06	2.571E+07	-7.200E-02	1.790E-02
205	2	127.50	12	-3.224E+03	-7.460E+03	1.565E+03	-5.387E-02	2.842E+06	2.571E+07	-7.200E-02	1.792E-02
205	2	127.50	13	1.188E+04	-7.459E+03	1.546E+03	-5.618E-02	2.735E+06	2.572E+07	-7.201E-02	1.722E-02
205	2	127.50	14	1.186E+04	-7.459E+03	1.511E+03	-5.617E-02	2.735E+06	2.572E+07	-7.201E-02	1.725E-02
205	2	127.50	15	-3.312E+03	-7.458E+03	1.547E+03	-5.618E-02	2.735E+06	2.571E+07	-7.200E-02	1.722E-02
205	2	127.50	16	-3.330E+03	-7.458E+03	1.512E+03	-5.617E-02	2.735E+06	2.571E+07	-7.200E-02	1.724E-02
205	3	255.00	1	-2.171E+03	-9.728E+03	-1.602E+03	3.734E-02	-2.542E+06	2.461E+07	-9.448E-02	-2.232E-02
205	3	255.00	2	-2.189E+03	-9.728E+03	-1.637E+03	3.735E-02	-2.537E+06	2.461E+07	-9.448E-02	-2.228E-02
205	3	255.00	3	-1.736E+04	-9.726E+03	-1.601E+03	3.734E-02	-2.542E+06	2.461E+07	-9.447E-02	-2.233E-02
205	3	255.00	4	-1.738E+04	-9.726E+03	-1.636E+03	3.735E-02	-2.538E+06	2.461E+07	-9.447E-02	-2.229E-02
205	3	255.00	5	-2.277E+03	-9.725E+03	-1.655E+03	3.504E-02	-2.642E+06	2.461E+07	-9.448E-02	-2.321E-02
205	3	255.00	6	-2.295E+03	-9.725E+03	-1.690E+03	3.504E-02	-2.638E+06	2.461E+07	-9.449E-02	-2.316E-02
205	3	255.00	7	-1.747E+04	-9.724E+03	-1.654E+03	3.504E-02	-2.643E+06	2.461E+07	-9.447E-02	-2.321E-02
205	3	255.00	8	-1.749E+04	-9.724E+03	-1.689E+03	3.504E-02	-2.638E+06	2.461E+07	-9.447E-02	-2.317E-02
205	3	255.00	9	1.199E+04	-9.620E+03	1.599E+03	-5.388E-02	2.656E+06	2.463E+07	-9.454E-02	2.332E-02
205	3	255.00	10	1.197E+04	-9.620E+03	1.564E+03	-5.387E-02	2.661E+06	2.463E+07	-9.454E-02	2.336E-02
205	3	255.00	11	-3.204E+03	-9.619E+03	1.600E+03	-5.388E-02	2.655E+06	2.462E+07	-9.452E-02	2.332E-02
205	3	255.00	12	-3.222E+03	-9.619E+03	1.565E+03	-5.387E-02	2.660E+06	2.462E+07	-9.453E-02	2.336E-02
205	3	255.00	13	1.188E+04	-9.618E+03	1.546E+03	-5.618E-02	2.556E+06	2.463E+07	-9.454E-02	2.244E-02
205	3	255.00	14	1.186E+04	-9.618E+03	1.511E+03	-5.617E-02	2.560E+06	2.463E+07	-9.454E-02	2.248E-02
205	3	255.00	15	-3.310E+03	-9.616E+03	1.547E+03	-5.618E-02	2.555E+06	2.462E+07	-9.453E-02	2.244E-02
205	3	255.00	16	-3.328E+03	-9.616E+03	1.512E+03	-5.617E-02	2.560E+06	2.462E+07	-9.453E-02	2.248E-02
205	4	382.50	1	-2.169E+03	-1.189E+04	-1.602E+03	3.734E-02	-2.358E+06	2.323E+07	-6.961E-02	-1.634E-02
205	4	382.50	2	-2.187E+03	-1.189E+04	-1.637E+03	3.735E-02	-2.349E+06	2.323E+07	-6.961E-02	-1.630E-02
205	4	382.50	3	-1.736E+04	-1.188E+04	-1.601E+03	3.734E-02	-2.359E+06	2.323E+07	-6.960E-02	-1.634E-02
205	4	382.50	4	-1.738E+04	-1.188E+04	-1.636E+03	3.735E-02	-2.349E+06	2.323E+07	-6.960E-02	-1.630E-02
205	4	382.50	5	-2.275E+03	-1.188E+04	-1.655E+03	3.504E-02	-2.452E+06	2.323E+07	-6.961E-02	-1.698E-02
205	4	382.50	6	-2.293E+03	-1.188E+04	-1.690E+03	3.504E-02	-2.442E+06	2.323E+07	-6.961E-02	-1.694E-02
205	4	382.50	7	-1.747E+04	-1.188E+04	-1.654E+03	3.504E-02	-2.452E+06	2.323E+07	-6.960E-02	-1.699E-02
205	4	382.50	8	-1.748E+04	-1.188E+04	-1.689E+03	3.504E-02	-2.443E+06	2.323E+07	-6.960E-02	-1.694E-02
205	4	382.50	9	1.199E+04	-1.178E+04	1.599E+03	-5.388E-02	2.472E+06	2.326E+07	-6.967E-02	1.709E-02

205	4	382.50	10	1.197E+04	-1.178E+04	1.564E+03	-5.387E-02	2.481E+06	2.326E+07	-6.967E-02	1.713E-02
205	4	382.50	11	-3.202E+03	-1.178E+04	1.600E+03	-5.388E-02	2.472E+06	2.326E+07	-6.966E-02	1.708E-02
205	4	382.50	12	-3.220E+03	-1.178E+04	1.565E+03	-5.387E-02	2.481E+06	2.326E+07	-6.966E-02	1.713E-02
205	4	382.50	13	1.188E+04	-1.178E+04	1.546E+03	-5.618E-02	2.379E+06	2.326E+07	-6.967E-02	1.644E-02
205	4	382.50	14	1.187E+04	-1.178E+04	1.511E+03	-5.617E-02	2.388E+06	2.326E+07	-6.967E-02	1.648E-02
205	4	382.50	15	-3.308E+03	-1.177E+04	1.547E+03	-5.618E-02	2.378E+06	2.326E+07	-6.966E-02	1.644E-02
205	4	382.50	16	-3.326E+03	-1.177E+04	1.512E+03	-5.617E-02	2.387E+06	2.326E+07	-6.966E-02	1.648E-02
205	5	510.00	1	-2.167E+03	-1.404E+04	-1.602E+03	3.734E-02	-2.178E+06	2.158E+07	7.284E-09	2.624E-09
205	5	510.00	2	-2.185E+03	-1.404E+04	-1.637E+03	3.735E-02	-2.164E+06	2.158E+07	7.284E-09	2.619E-09
205	5	510.00	3	-1.736E+04	-1.404E+04	-1.601E+03	3.734E-02	-2.178E+06	2.158E+07	7.279E-09	2.624E-09
205	5	510.00	4	-1.738E+04	-1.404E+04	-1.636E+03	3.735E-02	-2.165E+06	2.158E+07	7.279E-09	2.619E-09
205	5	510.00	5	-2.273E+03	-1.404E+04	-1.655E+03	3.504E-02	-2.264E+06	2.158E+07	7.284E-09	2.627E-09
205	5	510.00	6	-2.291E+03	-1.404E+04	-1.690E+03	3.504E-02	-2.251E+06	2.158E+07	7.284E-09	2.622E-09
205	5	510.00	7	-1.747E+04	-1.404E+04	-1.654E+03	3.504E-02	-2.265E+06	2.158E+07	7.279E-09	2.627E-09
205	5	510.00	8	-1.748E+04	-1.404E+04	-1.689E+03	3.504E-02	-2.251E+06	2.158E+07	7.279E-09	2.622E-09
205	5	510.00	9	1.199E+04	-1.394E+04	1.599E+03	-5.388E-02	2.292E+06	2.162E+07	7.279E-09	-2.619E-09
205	5	510.00	10	1.197E+04	-1.394E+04	1.564E+03	-5.387E-02	2.306E+06	2.162E+07	7.278E-09	-2.623E-09
205	5	510.00	11	-3.200E+03	-1.394E+04	1.600E+03	-5.388E-02	2.292E+06	2.162E+07	7.273E-09	-2.619E-09
205	5	510.00	12	-3.218E+03	-1.394E+04	1.565E+03	-5.387E-02	2.305E+06	2.162E+07	7.273E-09	-2.623E-09
205	5	510.00	13	1.189E+04	-1.393E+04	1.546E+03	-5.618E-02	2.205E+06	2.162E+07	7.279E-09	-2.616E-09
205	5	510.00	14	1.187E+04	-1.393E+04	1.511E+03	-5.617E-02	2.219E+06	2.162E+07	7.278E-09	-2.620E-09
205	5	510.00	15	-3.306E+03	-1.393E+04	1.547E+03	-5.618E-02	2.205E+06	2.162E+07	7.273E-09	-2.616E-09
205	5	510.00	16	-3.324E+03	-1.393E+04	1.512E+03	-5.617E-02	2.219E+06	2.162E+07	7.273E-09	-2.620E-09
206	1	0.00	1	1.186E+04	-5.301E+03	-1.511E+03	5.617E-02	-2.913E+06	2.653E+07	0.000E+00	0.000E+00
206	1	0.00	2	1.188E+04	-5.301E+03	-1.546E+03	5.618E-02	-2.917E+06	2.653E+07	0.000E+00	0.000E+00
206	1	0.00	3	-3.332E+03	-5.299E+03	-1.512E+03	5.617E-02	-2.913E+06	2.652E+07	0.000E+00	0.000E+00
206	1	0.00	4	-3.314E+03	-5.299E+03	-1.547E+03	5.618E-02	-2.917E+06	2.652E+07	0.000E+00	0.000E+00
206	1	0.00	5	1.197E+04	-5.304E+03	-1.564E+03	5.387E-02	-3.027E+06	2.653E+07	0.000E+00	0.000E+00
206	1	0.00	6	1.198E+04	-5.304E+03	-1.599E+03	5.388E-02	-3.031E+06	2.653E+07	0.000E+00	0.000E+00
206	1	0.00	7	-3.226E+03	-5.302E+03	-1.565E+03	5.387E-02	-3.027E+06	2.653E+07	0.000E+00	0.000E+00
206	1	0.00	8	-3.209E+03	-5.302E+03	-1.600E+03	5.388E-02	-3.031E+06	2.653E+07	0.000E+00	0.000E+00
206	1	0.00	9	-2.299E+03	-5.409E+03	1.690E+03	-3.504E-02	3.036E+06	2.654E+07	0.000E+00	0.000E+00
206	1	0.00	10	-2.281E+03	-5.409E+03	1.655E+03	-3.504E-02	3.032E+06	2.654E+07	0.000E+00	0.000E+00
206	1	0.00	11	-1.749E+04	-5.407E+03	1.689E+03	-3.504E-02	3.036E+06	2.654E+07	0.000E+00	0.000E+00
206	1	0.00	12	-1.747E+04	-5.407E+03	1.654E+03	-3.504E-02	3.032E+06	2.654E+07	0.000E+00	0.000E+00
206	1	0.00	13	-2.193E+03	-5.412E+03	1.637E+03	-3.735E-02	2.922E+06	2.654E+07	0.000E+00	0.000E+00
206	1	0.00	14	-2.176E+03	-5.412E+03	1.602E+03	-3.734E-02	2.918E+06	2.654E+07	0.000E+00	0.000E+00
206	1	0.00	15	-1.739E+04	-5.410E+03	1.636E+03	-3.735E-02	2.922E+06	2.654E+07	0.000E+00	0.000E+00
206	1	0.00	16	-1.737E+04	-5.410E+03	1.601E+03	-3.734E-02	2.918E+06	2.654E+07	0.000E+00	0.000E+00
206	2	127.50	1	1.186E+04	-7.459E+03	-1.511E+03	5.617E-02	-2.735E+06	2.572E+07	-7.201E-02	-1.725E-02
206	2	127.50	2	1.188E+04	-7.459E+03	-1.546E+03	5.618E-02	-2.735E+06	2.572E+07	-7.201E-02	-1.722E-02
206	2	127.50	3	-3.330E+03	-7.458E+03	-1.512E+03	5.617E-02	-2.735E+06	2.571E+07	-7.200E-02	-1.724E-02
206	2	127.50	4	-3.312E+03	-7.458E+03	-1.547E+03	5.618E-02	-2.735E+06	2.571E+07	-7.200E-02	-1.722E-02
206	2	127.50	5	1.197E+04	-7.462E+03	-1.564E+03	5.387E-02	-2.843E+06	2.572E+07	-7.201E-02	-1.792E-02
206	2	127.50	6	1.199E+04	-7.462E+03	-1.599E+03	5.388E-02	-2.842E+06	2.572E+07	-7.201E-02	-1.790E-02
206	2	127.50	7	-3.224E+03	-7.460E+03	-1.565E+03	5.387E-02	-2.842E+06	2.571E+07	-7.200E-02	-1.792E-02
206	2	127.50	8	-3.206E+03	-7.460E+03	-1.600E+03	5.388E-02	-2.842E+06	2.571E+07	-7.200E-02	-1.790E-02
206	2	127.50	9	-2.297E+03	-7.567E+03	1.690E+03	-3.504E-02	2.836E+06	2.571E+07	-7.198E-02	1.781E-02
206	2	127.50	10	-2.279E+03	-7.567E+03	1.655E+03	-3.504E-02	2.836E+06	2.571E+07	-7.198E-02	1.783E-02
206	2	127.50	11	-1.749E+04	-7.565E+03	1.689E+03	-3.504E-02	2.836E+06	2.571E+07	-7.197E-02	1.781E-02
206	2	127.50	12	-1.747E+04	-7.565E+03	1.654E+03	-3.504E-02	2.836E+06	2.571E+07	-7.197E-02	1.783E-02
206	2	127.50	13	-2.191E+03	-7.570E+03	1.637E+03	-3.735E-02	2.729E+06	2.571E+07	-7.198E-02	1.713E-02
206	2	127.50	14	-2.173E+03	-7.570E+03	1.602E+03	-3.734E-02	2.729E+06	2.571E+07	-7.198E-02	1.715E-02
206	2	127.50	15	-1.738E+04	-7.568E+03	1.636E+03	-3.735E-02	2.729E+06	2.571E+07	-7.197E-02	1.713E-02
206	2	127.50	16	-1.737E+04	-7.568E+03	1.601E+03	-3.734E-02	2.729E+06	2.571E+07	-7.197E-02	1.715E-02
206	3	255.00	1	1.186E+04	-9.618E+03	-1.511E+03	5.617E-02	-2.560E+06	2.463E+07	-9.454E-02	-2.248E-02
206	3	255.00	2	1.188E+04	-9.618E+03	-1.546E+03	5.618E-02	-2.556E+06	2.463E+07	-9.454E-02	-2.244E-02
206	3	255.00	3	-3.328E+03	-9.616E+03	-1.512E+03	5.617E-02	-2.560E+06	2.462E+07	-9.453E-02	-2.248E-02
206	3	255.00	4	-3.310E+03	-9.616E+03	-1.547E+03	5.618E-02	-2.555E+06	2.462E+07	-9.453E-02	-2.244E-02
206	3	255.00	5	1.197E+04	-9.620E+03	-1.564E+03	5.387E-02	-2.661E+06	2.463E+07	-9.454E-02	-2.336E-02
206	3	255.00	6	1.199E+04	-9.620E+03	-1.599E+03	5.388E-02	-2.656E+06	2.463E+07	-9.454E-02	-2.332E-02
206	3	255.00	7	-3.222E+03	-9.619E+03	-1.565E+03	5.387E-02	-2.660E+06	2.462E+07	-9.453E-02	-2.336E-02

206	3	255.00	8	-3.204E+03	-9.619E+03	-1.600E+03	5.388E-02	-2.655E+06	2.462E+07	-9.452E-02	-2.332E-02
206	3	255.00	9	-2.295E+03	-9.725E+03	1.690E+03	-3.504E-02	2.638E+06	2.461E+07	-9.449E-02	2.316E-02
206	3	255.00	10	-2.277E+03	-9.725E+03	1.655E+03	-3.504E-02	2.642E+06	2.461E+07	-9.448E-02	2.321E-02
206	3	255.00	11	-1.749E+04	-9.724E+03	1.689E+03	-3.504E-02	2.638E+06	2.461E+07	-9.447E-02	2.317E-02
206	3	255.00	12	-1.747E+04	-9.724E+03	1.654E+03	-3.504E-02	2.643E+06	2.461E+07	-9.447E-02	2.321E-02
206	3	255.00	13	-2.189E+03	-9.728E+03	1.637E+03	-3.735E-02	2.537E+06	2.461E+07	-9.448E-02	2.228E-02
206	3	255.00	14	-2.171E+03	-9.728E+03	1.602E+03	-3.734E-02	2.542E+06	2.461E+07	-9.448E-02	2.232E-02
206	3	255.00	15	-1.738E+04	-9.726E+03	1.636E+03	-3.735E-02	2.538E+06	2.461E+07	-9.447E-02	2.229E-02
206	3	255.00	16	-1.736E+04	-9.726E+03	1.601E+03	-3.734E-02	2.542E+06	2.461E+07	-9.447E-02	2.233E-02
206	4	382.50	1	1.187E+04	-1.178E+04	-1.511E+03	5.617E-02	-2.388E+06	2.326E+07	-6.967E-02	-1.648E-02
206	4	382.50	2	1.188E+04	-1.178E+04	-1.546E+03	5.618E-02	-2.379E+06	2.326E+07	-6.967E-02	-1.644E-02
206	4	382.50	3	-3.326E+03	-1.177E+04	-1.512E+03	5.617E-02	-2.387E+06	2.326E+07	-6.966E-02	-1.648E-02
206	4	382.50	4	-3.308E+03	-1.177E+04	-1.547E+03	5.618E-02	-2.378E+06	2.326E+07	-6.966E-02	-1.644E-02
206	4	382.50	5	1.197E+04	-1.178E+04	-1.564E+03	5.387E-02	-2.481E+06	2.326E+07	-6.967E-02	-1.713E-02
206	4	382.50	6	1.199E+04	-1.178E+04	-1.599E+03	5.388E-02	-2.472E+06	2.326E+07	-6.967E-02	-1.709E-02
206	4	382.50	7	-3.220E+03	-1.178E+04	-1.565E+03	5.387E-02	-2.481E+06	2.326E+07	-6.966E-02	-1.713E-02
206	4	382.50	8	-3.202E+03	-1.178E+04	-1.600E+03	5.388E-02	-2.472E+06	2.326E+07	-6.966E-02	-1.708E-02
206	4	382.50	9	-2.293E+03	-1.188E+04	1.690E+03	-3.504E-02	2.442E+06	2.323E+07	-6.961E-02	1.694E-02
206	4	382.50	10	-2.275E+03	-1.188E+04	1.655E+03	-3.504E-02	2.452E+06	2.323E+07	-6.961E-02	1.698E-02
206	4	382.50	11	-1.748E+04	-1.188E+04	1.689E+03	-3.504E-02	2.443E+06	2.323E+07	-6.960E-02	1.694E-02
206	4	382.50	12	-1.747E+04	-1.188E+04	1.654E+03	-3.504E-02	2.452E+06	2.323E+07	-6.960E-02	1.699E-02
206	4	382.50	13	-2.187E+03	-1.189E+04	1.637E+03	-3.735E-02	2.349E+06	2.323E+07	-6.961E-02	1.630E-02
206	4	382.50	14	-2.169E+03	-1.189E+04	1.602E+03	-3.734E-02	2.358E+06	2.323E+07	-6.961E-02	1.634E-02
206	4	382.50	15	-1.738E+04	-1.188E+04	1.636E+03	-3.735E-02	2.349E+06	2.323E+07	-6.960E-02	1.630E-02
206	4	382.50	16	-1.736E+04	-1.188E+04	1.601E+03	-3.734E-02	2.359E+06	2.323E+07	-6.960E-02	1.634E-02
206	5	510.00	1	1.187E+04	-1.393E+04	-1.511E+03	5.617E-02	-2.219E+06	2.162E+07	7.278E-09	2.620E-09
206	5	510.00	2	1.189E+04	-1.393E+04	-1.546E+03	5.618E-02	-2.205E+06	2.162E+07	7.279E-09	2.616E-09
206	5	510.00	3	-3.324E+03	-1.393E+04	-1.512E+03	5.617E-02	-2.219E+06	2.162E+07	7.273E-09	2.620E-09
206	5	510.00	4	-3.306E+03	-1.393E+04	-1.547E+03	5.618E-02	-2.205E+06	2.162E+07	7.273E-09	2.616E-09
206	5	510.00	5	1.197E+04	-1.394E+04	-1.564E+03	5.387E-02	-2.306E+06	2.162E+07	7.278E-09	2.623E-09
206	5	510.00	6	1.199E+04	-1.394E+04	-1.599E+03	5.388E-02	-2.292E+06	2.162E+07	7.279E-09	2.619E-09
206	5	510.00	7	-3.218E+03	-1.394E+04	-1.565E+03	5.387E-02	-2.305E+06	2.162E+07	7.273E-09	2.623E-09
206	5	510.00	8	-3.200E+03	-1.394E+04	-1.600E+03	5.388E-02	-2.292E+06	2.162E+07	7.273E-09	2.619E-09
206	5	510.00	9	-2.291E+03	-1.404E+04	1.690E+03	-3.504E-02	2.251E+06	2.158E+07	7.284E-09	-2.622E-09
206	5	510.00	10	-2.273E+03	-1.404E+04	1.655E+03	-3.504E-02	2.264E+06	2.158E+07	7.284E-09	-2.627E-09
206	5	510.00	11	-1.748E+04	-1.404E+04	1.689E+03	-3.504E-02	2.251E+06	2.158E+07	7.279E-09	-2.622E-09
206	5	510.00	12	-1.747E+04	-1.404E+04	1.654E+03	-3.504E-02	2.265E+06	2.158E+07	7.279E-09	-2.627E-09
206	5	510.00	13	-2.185E+03	-1.404E+04	1.637E+03	-3.735E-02	2.164E+06	2.158E+07	7.284E-09	-2.619E-09
206	5	510.00	14	-2.167E+03	-1.404E+04	1.602E+03	-3.734E-02	2.178E+06	2.158E+07	7.284E-09	-2.624E-09
206	5	510.00	15	-1.738E+04	-1.404E+04	1.636E+03	-3.735E-02	2.165E+06	2.158E+07	7.279E-09	-2.619E-09
206	5	510.00	16	-1.736E+04	-1.404E+04	1.601E+03	-3.734E-02	2.178E+06	2.158E+07	7.279E-09	-2.624E-09
207	1	0.00	1	-3.325E+03	-2.365E+04	-3.962E+03	2.720E-02	-2.307E+06	2.159E+07	0.000E+00	0.000E+00
207	1	0.00	2	-3.401E+03	-2.365E+04	-3.997E+03	2.721E-02	-2.302E+06	2.159E+07	0.000E+00	0.000E+00
207	1	0.00	3	-1.576E+04	-2.364E+04	-3.971E+03	2.720E-02	-2.308E+06	2.159E+07	0.000E+00	0.000E+00
207	1	0.00	4	-1.584E+04	-2.364E+04	-4.006E+03	2.721E-02	-2.302E+06	2.159E+07	0.000E+00	0.000E+00
207	1	0.00	5	-3.412E+03	-2.364E+04	-4.115E+03	2.493E-02	-2.396E+06	2.159E+07	0.000E+00	0.000E+00
207	1	0.00	6	-3.489E+03	-2.364E+04	-4.150E+03	2.494E-02	-2.391E+06	2.159E+07	0.000E+00	0.000E+00
207	1	0.00	7	-1.585E+04	-2.364E+04	-4.124E+03	2.493E-02	-2.397E+06	2.159E+07	0.000E+00	0.000E+00
207	1	0.00	8	-1.593E+04	-2.364E+04	-4.159E+03	2.494E-02	-2.392E+06	2.159E+07	0.000E+00	0.000E+00
207	1	0.00	9	1.045E+04	-2.354E+04	4.867E+03	-6.269E-02	2.433E+06	2.161E+07	0.000E+00	0.000E+00
207	1	0.00	10	1.038E+04	-2.354E+04	4.832E+03	-6.268E-02	2.438E+06	2.161E+07	0.000E+00	0.000E+00
207	1	0.00	11	-1.983E+03	-2.353E+04	4.857E+03	-6.269E-02	2.432E+06	2.161E+07	0.000E+00	0.000E+00
207	1	0.00	12	-2.060E+03	-2.353E+04	4.823E+03	-6.268E-02	2.438E+06	2.161E+07	0.000E+00	0.000E+00
207	1	0.00	13	1.037E+04	-2.354E+04	4.714E+03	-6.496E-02	2.343E+06	2.161E+07	0.000E+00	0.000E+00
207	1	0.00	14	1.029E+04	-2.354E+04	4.679E+03	-6.495E-02	2.349E+06	2.161E+07	0.000E+00	0.000E+00
207	1	0.00	15	-2.071E+03	-2.353E+04	4.705E+03	-6.496E-02	2.343E+06	2.161E+07	0.000E+00	0.000E+00
207	1	0.00	16	-2.147E+03	-2.353E+04	4.670E+03	-6.495E-02	2.348E+06	2.161E+07	0.000E+00	0.000E+00
207	2	127.25	1	-3.323E+03	-2.580E+04	-3.962E+03	2.720E-02	-1.808E+06	1.845E+07	-4.653E-02	-9.697E-03
207	2	127.25	2	-3.399E+03	-2.580E+04	-3.997E+03	2.721E-02	-1.798E+06	1.845E+07	-4.653E-02	-9.613E-03
207	2	127.25	3	-1.576E+04	-2.580E+04	-3.971E+03	2.720E-02	-1.808E+06	1.845E+07	-4.652E-02	-9.688E-03
207	2	127.25	4	-1.584E+04	-2.580E+04	-4.006E+03	2.721E-02	-1.798E+06	1.845E+07	-4.652E-02	-9.603E-03
207	2	127.25	5	-3.410E+03	-2.580E+04	-4.115E+03	2.493E-02	-1.878E+06	1.845E+07	-4.653E-02	-1.007E-02

207	2	127.25	6	-3.487E+03	-2.580E+04	-4.150E+03	2.494E-02	-1.868E+06	1.845E+07	-4.653E-02	-9.987E-03
207	2	127.25	7	-1.585E+04	-2.579E+04	-4.124E+03	2.493E-02	-1.878E+06	1.845E+07	-4.653E-02	-1.006E-02
207	2	127.25	8	-1.592E+04	-2.579E+04	-4.159E+03	2.494E-02	-1.868E+06	1.845E+07	-4.653E-02	-9.977E-03
207	2	127.25	9	1.046E+04	-2.569E+04	4.867E+03	-6.269E-02	1.819E+06	1.848E+07	-4.664E-02	9.263E-03
207	2	127.25	10	1.038E+04	-2.569E+04	4.832E+03	-6.268E-02	1.829E+06	1.848E+07	-4.664E-02	9.347E-03
207	2	127.25	11	-1.981E+03	-2.569E+04	4.857E+03	-6.269E-02	1.819E+06	1.848E+07	-4.664E-02	9.272E-03
207	2	127.25	12	-2.058E+03	-2.569E+04	4.823E+03	-6.268E-02	1.829E+06	1.848E+07	-4.664E-02	9.357E-03
207	2	127.25	13	1.037E+04	-2.569E+04	4.714E+03	-6.496E-02	1.749E+06	1.848E+07	-4.665E-02	8.889E-03
207	2	127.25	14	1.029E+04	-2.569E+04	4.679E+03	-6.495E-02	1.759E+06	1.848E+07	-4.665E-02	8.974E-03
207	2	127.25	15	-2.068E+03	-2.568E+04	4.705E+03	-6.496E-02	1.750E+06	1.848E+07	-4.664E-02	8.898E-03
207	2	127.25	16	-2.145E+03	-2.569E+04	4.670E+03	-6.495E-02	1.759E+06	1.848E+07	-4.664E-02	8.983E-03
207	3	254.50	1	-3.320E+03	-2.795E+04	-3.962E+03	2.720E-02	-1.314E+06	1.503E+07	-5.761E-02	-1.150E-02
207	3	254.50	2	-3.397E+03	-2.795E+04	-3.997E+03	2.721E-02	-1.300E+06	1.503E+07	-5.761E-02	-1.137E-02
207	3	254.50	3	-1.576E+04	-2.795E+04	-3.971E+03	2.720E-02	-1.312E+06	1.503E+07	-5.760E-02	-1.148E-02
207	3	254.50	4	-1.583E+04	-2.795E+04	-4.006E+03	2.721E-02	-1.298E+06	1.503E+07	-5.760E-02	-1.136E-02
207	3	254.50	5	-3.408E+03	-2.795E+04	-4.115E+03	2.493E-02	-1.365E+06	1.503E+07	-5.762E-02	-1.194E-02
207	3	254.50	6	-3.485E+03	-2.795E+04	-4.150E+03	2.494E-02	-1.350E+06	1.503E+07	-5.762E-02	-1.181E-02
207	3	254.50	7	-1.584E+04	-2.795E+04	-4.124E+03	2.493E-02	-1.363E+06	1.503E+07	-5.761E-02	-1.192E-02
207	3	254.50	8	-1.592E+04	-2.795E+04	-4.159E+03	2.494E-02	-1.349E+06	1.503E+07	-5.761E-02	-1.180E-02
207	3	254.50	9	1.046E+04	-2.785E+04	4.867E+03	-6.269E-02	1.210E+06	1.507E+07	-5.778E-02	1.058E-02
207	3	254.50	10	1.038E+04	-2.785E+04	4.832E+03	-6.268E-02	1.224E+06	1.507E+07	-5.778E-02	1.071E-02
207	3	254.50	11	-1.979E+03	-2.784E+04	4.857E+03	-6.269E-02	1.212E+06	1.507E+07	-5.777E-02	1.060E-02
207	3	254.50	12	-2.055E+03	-2.784E+04	4.823E+03	-6.268E-02	1.226E+06	1.507E+07	-5.777E-02	1.072E-02
207	3	254.50	13	1.037E+04	-2.784E+04	4.714E+03	-6.496E-02	1.159E+06	1.507E+07	-5.778E-02	1.014E-02
207	3	254.50	14	1.029E+04	-2.784E+04	4.679E+03	-6.495E-02	1.174E+06	1.507E+07	-5.778E-02	1.027E-02
207	3	254.50	15	-2.066E+03	-2.784E+04	4.705E+03	-6.496E-02	1.161E+06	1.507E+07	-5.777E-02	1.016E-02
207	3	254.50	16	-2.143E+03	-2.784E+04	4.670E+03	-6.495E-02	1.175E+06	1.507E+07	-5.778E-02	1.028E-02
207	4	381.75	1	-3.318E+03	-3.011E+04	-3.962E+03	2.720E-02	-8.360E+05	1.133E+07	-3.976E-02	-7.557E-03
207	4	381.75	2	-3.395E+03	-3.011E+04	-3.997E+03	2.721E-02	-8.172E+05	1.133E+07	-3.976E-02	-7.454E-03
207	4	381.75	3	-1.576E+04	-3.010E+04	-3.971E+03	2.720E-02	-8.330E+05	1.133E+07	-3.975E-02	-7.543E-03
207	4	381.75	4	-1.583E+04	-3.010E+04	-4.006E+03	2.721E-02	-8.142E+05	1.133E+07	-3.975E-02	-7.439E-03
207	4	381.75	5	-3.406E+03	-3.011E+04	-4.115E+03	2.493E-02	-8.670E+05	1.134E+07	-3.976E-02	-7.846E-03
207	4	381.75	6	-3.482E+03	-3.011E+04	-4.150E+03	2.494E-02	-8.482E+05	1.134E+07	-3.976E-02	-7.742E-03
207	4	381.75	7	-1.584E+04	-3.010E+04	-4.124E+03	2.493E-02	-8.640E+05	1.133E+07	-3.975E-02	-7.832E-03
207	4	381.75	8	-1.592E+04	-3.010E+04	-4.159E+03	2.494E-02	-8.452E+05	1.133E+07	-3.975E-02	-7.728E-03
207	4	381.75	9	1.046E+04	-3.000E+04	4.867E+03	-6.269E-02	6.163E+05	1.139E+07	-3.989E-02	6.620E-03
207	4	381.75	10	1.038E+04	-3.000E+04	4.832E+03	-6.268E-02	6.351E+05	1.139E+07	-3.989E-02	6.724E-03
207	4	381.75	11	-1.977E+03	-3.000E+04	4.857E+03	-6.269E-02	6.193E+05	1.139E+07	-3.989E-02	6.634E-03
207	4	381.75	12	-2.053E+03	-3.000E+04	4.823E+03	-6.268E-02	6.381E+05	1.139E+07	-3.989E-02	6.738E-03
207	4	381.75	13	1.037E+04	-3.000E+04	4.714E+03	-6.496E-02	5.853E+05	1.139E+07	-3.990E-02	6.331E-03
207	4	381.75	14	1.030E+04	-3.000E+04	4.679E+03	-6.495E-02	6.041E+05	1.139E+07	-3.990E-02	6.435E-03
207	4	381.75	15	-2.064E+03	-2.999E+04	4.705E+03	-6.496E-02	5.883E+05	1.139E+07	-3.989E-02	6.346E-03
207	4	381.75	16	-2.141E+03	-2.999E+04	4.670E+03	-6.495E-02	6.071E+05	1.139E+07	-3.989E-02	6.449E-03
207	5	509.00	1	-3.316E+03	-3.226E+04	-3.962E+03	2.720E-02	1.378E+05	7.365E+06	1.095E-08	-1.681E-09
207	5	509.00	2	-3.393E+03	-3.226E+04	-3.997E+03	2.721E-02	1.610E+05	7.365E+06	1.095E-08	-1.679E-09
207	5	509.00	3	-1.575E+04	-3.226E+04	-3.971E+03	2.720E-02	1.420E+05	7.364E+06	1.095E-08	-1.680E-09
207	5	509.00	4	-1.583E+04	-3.226E+04	-4.006E+03	2.721E-02	1.652E+05	7.364E+06	1.095E-08	-1.678E-09
207	5	509.00	5	-3.404E+03	-3.226E+04	-4.115E+03	2.493E-02	1.262E+05	7.367E+06	1.096E-08	-1.787E-09
207	5	509.00	6	-3.480E+03	-3.226E+04	-4.150E+03	2.494E-02	1.494E+05	7.367E+06	1.096E-08	-1.785E-09
207	5	509.00	7	-1.584E+04	-3.225E+04	-4.124E+03	2.493E-02	1.304E+05	7.366E+06	1.095E-08	-1.786E-09
207	5	509.00	8	-1.592E+04	-3.226E+04	-4.159E+03	2.494E-02	1.537E+05	7.366E+06	1.095E-08	-1.784E-09
207	5	509.00	9	1.046E+04	-3.215E+04	4.867E+03	-6.269E-02	-4.726E+05	7.437E+06	1.091E-08	1.746E-09
207	5	509.00	10	1.039E+04	-3.215E+04	4.832E+03	-6.268E-02	-4.494E+05	7.437E+06	1.091E-08	1.748E-09
207	5	509.00	11	-1.975E+03	-3.215E+04	4.857E+03	-6.269E-02	-4.684E+05	7.436E+06	1.091E-08	1.747E-09
207	5	509.00	12	-2.051E+03	-3.215E+04	4.823E+03	-6.268E-02	-4.451E+05	7.436E+06	1.091E-08	1.749E-09
207	5	509.00	13	1.037E+04	-3.215E+04	4.714E+03	-6.496E-02	-4.842E+05	7.438E+06	1.091E-08	1.640E-09
207	5	509.00	14	1.030E+04	-3.215E+04	4.679E+03	-6.495E-02	-4.609E+05	7.439E+06	1.091E-08	1.642E-09
207	5	509.00	15	-2.062E+03	-3.215E+04	4.705E+03	-6.496E-02	-4.799E+05	7.438E+06	1.091E-08	1.641E-09
207	5	509.00	16	-2.139E+03	-3.215E+04	4.670E+03	-6.495E-02	-4.567E+05	7.438E+06	1.091E-08	1.643E-09
208	1	0.00	1	1.029E+04	-2.354E+04	-4.679E+03	6.495E-02	-2.349E+06	2.161E+07	0.000E+00	0.000E+00
208	1	0.00	2	1.037E+04	-2.354E+04	-4.714E+03	6.496E-02	-2.343E+06	2.161E+07	0.000E+00	0.000E+00
208	1	0.00	3	-2.147E+03	-2.353E+04	-4.670E+03	6.495E-02	-2.348E+06	2.161E+07	0.000E+00	0.000E+00

208	1	0.00	4	-2.071E+03	-2.353E+04	-4.705E+03	6.496E-02	-2.343E+06	2.161E+07	0.000E+00	0.000E+00
208	1	0.00	5	1.038E+04	-2.354E+04	-4.832E+03	6.268E-02	-2.438E+06	2.161E+07	0.000E+00	0.000E+00
208	1	0.00	6	1.045E+04	-2.354E+04	-4.867E+03	6.269E-02	-2.433E+06	2.161E+07	0.000E+00	0.000E+00
208	1	0.00	7	-2.060E+03	-2.353E+04	-4.823E+03	6.268E-02	-2.438E+06	2.161E+07	0.000E+00	0.000E+00
208	1	0.00	8	-1.983E+03	-2.353E+04	-4.857E+03	6.269E-02	-2.432E+06	2.161E+07	0.000E+00	0.000E+00
208	1	0.00	9	-3.489E+03	-2.364E+04	4.150E+03	-2.494E-02	2.391E+06	2.159E+07	0.000E+00	0.000E+00
208	1	0.00	10	-3.412E+03	-2.364E+04	4.115E+03	-2.493E-02	2.396E+06	2.159E+07	0.000E+00	0.000E+00
208	1	0.00	11	-1.593E+04	-2.364E+04	4.159E+03	-2.494E-02	2.392E+06	2.159E+07	0.000E+00	0.000E+00
208	1	0.00	12	-1.585E+04	-2.364E+04	4.124E+03	-2.493E-02	2.397E+06	2.159E+07	0.000E+00	0.000E+00
208	1	0.00	13	-3.401E+03	-2.365E+04	3.997E+03	-2.721E-02	2.302E+06	2.159E+07	0.000E+00	0.000E+00
208	1	0.00	14	-3.325E+03	-2.365E+04	3.962E+03	-2.720E-02	2.307E+06	2.159E+07	0.000E+00	0.000E+00
208	1	0.00	15	-1.584E+04	-2.364E+04	4.006E+03	-2.721E-02	2.302E+06	2.159E+07	0.000E+00	0.000E+00
208	1	0.00	16	-1.576E+04	-2.364E+04	3.971E+03	-2.720E-02	2.308E+06	2.159E+07	0.000E+00	0.000E+00
208	2	127.25	1	1.029E+04	-2.569E+04	-4.679E+03	6.495E-02	-1.759E+06	1.848E+07	-4.665E-02	-8.974E-03
208	2	127.25	2	1.037E+04	-2.569E+04	-4.714E+03	6.496E-02	-1.749E+06	1.848E+07	-4.665E-02	-8.889E-03
208	2	127.25	3	-2.145E+03	-2.569E+04	-4.670E+03	6.495E-02	-1.759E+06	1.848E+07	-4.664E-02	-8.983E-03
208	2	127.25	4	-2.068E+03	-2.568E+04	-4.705E+03	6.496E-02	-1.750E+06	1.848E+07	-4.664E-02	-8.898E-03
208	2	127.25	5	1.038E+04	-2.569E+04	-4.832E+03	6.268E-02	-1.829E+06	1.848E+07	-4.664E-02	-9.347E-03
208	2	127.25	6	1.046E+04	-2.569E+04	-4.867E+03	6.269E-02	-1.819E+06	1.848E+07	-4.664E-02	-9.263E-03
208	2	127.25	7	-2.058E+03	-2.569E+04	-4.823E+03	6.268E-02	-1.829E+06	1.848E+07	-4.664E-02	-9.357E-03
208	2	127.25	8	-1.981E+03	-2.569E+04	-4.857E+03	6.269E-02	-1.819E+06	1.848E+07	-4.664E-02	-9.272E-03
208	2	127.25	9	-3.487E+03	-2.580E+04	4.150E+03	-2.494E-02	1.868E+06	1.845E+07	-4.653E-02	9.987E-03
208	2	127.25	10	-3.410E+03	-2.580E+04	4.115E+03	-2.493E-02	1.878E+06	1.845E+07	-4.653E-02	1.007E-02
208	2	127.25	11	-1.592E+04	-2.579E+04	4.159E+03	-2.494E-02	1.868E+06	1.845E+07	-4.653E-02	9.977E-03
208	2	127.25	12	-1.585E+04	-2.579E+04	4.124E+03	-2.493E-02	1.878E+06	1.845E+07	-4.653E-02	1.006E-02
208	2	127.25	13	-3.399E+03	-2.580E+04	3.997E+03	-2.721E-02	1.798E+06	1.845E+07	-4.653E-02	9.613E-03
208	2	127.25	14	-3.323E+03	-2.580E+04	3.962E+03	-2.720E-02	1.808E+06	1.845E+07	-4.653E-02	9.697E-03
208	2	127.25	15	-1.584E+04	-2.580E+04	4.006E+03	-2.721E-02	1.798E+06	1.845E+07	-4.652E-02	9.603E-03
208	2	127.25	16	-1.576E+04	-2.580E+04	3.971E+03	-2.720E-02	1.808E+06	1.845E+07	-4.652E-02	9.688E-03
208	3	254.50	1	1.029E+04	-2.784E+04	-4.679E+03	6.495E-02	-1.174E+06	1.507E+07	-5.778E-02	-1.027E-02
208	3	254.50	2	1.037E+04	-2.784E+04	-4.714E+03	6.496E-02	-1.159E+06	1.507E+07	-5.778E-02	-1.014E-02
208	3	254.50	3	-2.143E+03	-2.784E+04	-4.670E+03	6.495E-02	-1.175E+06	1.507E+07	-5.778E-02	-1.028E-02
208	3	254.50	4	-2.066E+03	-2.784E+04	-4.705E+03	6.496E-02	-1.161E+06	1.507E+07	-5.777E-02	-1.016E-02
208	3	254.50	5	1.038E+04	-2.785E+04	-4.832E+03	6.268E-02	-1.224E+06	1.507E+07	-5.778E-02	-1.071E-02
208	3	254.50	6	1.046E+04	-2.785E+04	-4.867E+03	6.269E-02	-1.210E+06	1.507E+07	-5.778E-02	-1.058E-02
208	3	254.50	7	-2.055E+03	-2.784E+04	-4.823E+03	6.268E-02	-1.226E+06	1.507E+07	-5.777E-02	-1.072E-02
208	3	254.50	8	-1.979E+03	-2.784E+04	-4.857E+03	6.269E-02	-1.212E+06	1.507E+07	-5.777E-02	-1.060E-02
208	3	254.50	9	-3.485E+03	-2.795E+04	4.150E+03	-2.494E-02	1.350E+06	1.503E+07	-5.762E-02	1.181E-02
208	3	254.50	10	-3.408E+03	-2.795E+04	4.115E+03	-2.493E-02	1.365E+06	1.503E+07	-5.762E-02	1.194E-02
208	3	254.50	11	-1.592E+04	-2.795E+04	4.159E+03	-2.494E-02	1.349E+06	1.503E+07	-5.761E-02	1.180E-02
208	3	254.50	12	-1.584E+04	-2.795E+04	4.124E+03	-2.493E-02	1.363E+06	1.503E+07	-5.761E-02	1.192E-02
208	3	254.50	13	-3.397E+03	-2.795E+04	3.997E+03	-2.721E-02	1.300E+06	1.503E+07	-5.761E-02	1.137E-02
208	3	254.50	14	-3.320E+03	-2.795E+04	3.962E+03	-2.720E-02	1.314E+06	1.503E+07	-5.761E-02	1.150E-02
208	3	254.50	15	-1.583E+04	-2.795E+04	4.006E+03	-2.721E-02	1.298E+06	1.503E+07	-5.760E-02	1.136E-02
208	3	254.50	16	-1.576E+04	-2.795E+04	3.971E+03	-2.720E-02	1.312E+06	1.503E+07	-5.760E-02	1.148E-02
208	4	381.75	1	1.030E+04	-3.000E+04	-4.679E+03	6.495E-02	-6.041E+05	1.139E+07	-3.990E-02	-6.435E-03
208	4	381.75	2	1.037E+04	-3.000E+04	-4.714E+03	6.496E-02	-5.853E+05	1.139E+07	-3.990E-02	-6.331E-03
208	4	381.75	3	-2.141E+03	-2.999E+04	-4.670E+03	6.495E-02	-6.071E+05	1.139E+07	-3.989E-02	-6.449E-03
208	4	381.75	4	-2.064E+03	-2.999E+04	-4.705E+03	6.496E-02	-5.883E+05	1.139E+07	-3.989E-02	-6.346E-03
208	4	381.75	5	1.038E+04	-3.000E+04	-4.832E+03	6.268E-02	-6.351E+05	1.139E+07	-3.989E-02	-6.724E-03
208	4	381.75	6	1.046E+04	-3.000E+04	-4.867E+03	6.269E-02	-6.163E+05	1.139E+07	-3.989E-02	-6.620E-03
208	4	381.75	7	-2.053E+03	-3.000E+04	-4.823E+03	6.268E-02	-6.381E+05	1.139E+07	-3.989E-02	-6.738E-03
208	4	381.75	8	-1.977E+03	-3.000E+04	-4.857E+03	6.269E-02	-6.193E+05	1.139E+07	-3.989E-02	-6.634E-03
208	4	381.75	9	-3.482E+03	-3.011E+04	4.150E+03	-2.494E-02	8.482E+05	1.134E+07	-3.976E-02	7.742E-03
208	4	381.75	10	-3.406E+03	-3.011E+04	4.115E+03	-2.493E-02	8.670E+05	1.134E+07	-3.976E-02	7.846E-03
208	4	381.75	11	-1.592E+04	-3.010E+04	4.159E+03	-2.494E-02	8.452E+05	1.133E+07	-3.975E-02	7.728E-03
208	4	381.75	12	-1.584E+04	-3.010E+04	4.124E+03	-2.493E-02	8.640E+05	1.133E+07	-3.975E-02	7.832E-03
208	4	381.75	13	-3.395E+03	-3.011E+04	3.997E+03	-2.721E-02	8.172E+05	1.133E+07	-3.976E-02	7.454E-03
208	4	381.75	14	-3.318E+03	-3.011E+04	3.962E+03	-2.720E-02	8.360E+05	1.133E+07	-3.976E-02	7.557E-03
208	4	381.75	15	-1.583E+04	-3.010E+04	4.006E+03	-2.721E-02	8.142E+05	1.133E+07	-3.975E-02	7.439E-03
208	4	381.75	16	-1.576E+04	-3.010E+04	3.971E+03	-2.720E-02	8.330E+05	1.133E+07	-3.975E-02	7.543E-03
208	5	509.00	1	1.030E+04	-3.215E+04	-4.679E+03	6.495E-02	4.609E+05	7.439E+06	1.091E-08	-1.642E-09

208	5	509.00	2	1.037E+04	-3.215E+04	-4.714E+03	6.496E-02	4.842E+05	7.438E+06	1.091E-08	-1.640E-09
208	5	509.00	3	-2.139E+03	-3.215E+04	-4.670E+03	6.495E-02	4.567E+05	7.438E+06	1.091E-08	-1.643E-09
208	5	509.00	4	-2.062E+03	-3.215E+04	-4.705E+03	6.496E-02	4.799E+05	7.438E+06	1.091E-08	-1.641E-09
208	5	509.00	5	1.039E+04	-3.215E+04	-4.832E+03	6.268E-02	4.494E+05	7.437E+06	1.091E-08	-1.748E-09
208	5	509.00	6	1.046E+04	-3.215E+04	-4.867E+03	6.269E-02	4.726E+05	7.437E+06	1.091E-08	-1.746E-09
208	5	509.00	7	-2.051E+03	-3.215E+04	-4.823E+03	6.268E-02	4.451E+05	7.436E+06	1.091E-08	-1.749E-09
208	5	509.00	8	-1.975E+03	-3.215E+04	-4.857E+03	6.269E-02	4.684E+05	7.436E+06	1.091E-08	-1.747E-09
208	5	509.00	9	-3.480E+03	-3.226E+04	4.150E+03	-2.494E-02	-1.494E+05	7.367E+06	1.096E-08	1.785E-09
208	5	509.00	10	-3.404E+03	-3.226E+04	4.115E+03	-2.493E-02	-1.262E+05	7.367E+06	1.096E-08	1.787E-09
208	5	509.00	11	-1.592E+04	-3.226E+04	4.159E+03	-2.494E-02	-1.537E+05	7.366E+06	1.095E-08	1.784E-09
208	5	509.00	12	-1.584E+04	-3.225E+04	4.124E+03	-2.493E-02	-1.304E+05	7.366E+06	1.095E-08	1.786E-09
208	5	509.00	13	-3.393E+03	-3.226E+04	3.997E+03	-2.721E-02	-1.610E+05	7.365E+06	1.095E-08	1.679E-09
208	5	509.00	14	-3.316E+03	-3.226E+04	3.962E+03	-2.720E-02	-1.378E+05	7.365E+06	1.095E-08	1.681E-09
208	5	509.00	15	-1.583E+04	-3.226E+04	4.006E+03	-2.721E-02	-1.652E+05	7.364E+06	1.095E-08	1.678E-09
208	5	509.00	16	-1.575E+04	-3.226E+04	3.971E+03	-2.720E-02	-1.420E+05	7.364E+06	1.095E-08	1.680E-09
209	1	0.00	1	-4.304E+03	-3.964E+04	-6.930E+03	-6.853E-02	-5.770E+05	7.378E+06	0.000E+00	0.000E+00
209	1	0.00	2	-4.416E+03	-3.964E+04	-6.964E+03	-6.852E-02	-5.608E+05	7.378E+06	0.000E+00	0.000E+00
209	1	0.00	3	-1.473E+04	-3.964E+04	-6.905E+03	-6.853E-02	-5.727E+05	7.377E+06	0.000E+00	0.000E+00
209	1	0.00	4	-1.484E+04	-3.964E+04	-6.940E+03	-6.852E-02	-5.566E+05	7.377E+06	0.000E+00	0.000E+00
209	1	0.00	5	-4.351E+03	-3.964E+04	-7.144E+03	-7.077E-02	-5.947E+05	7.379E+06	0.000E+00	0.000E+00
209	1	0.00	6	-4.462E+03	-3.964E+04	-7.179E+03	-7.076E-02	-5.786E+05	7.379E+06	0.000E+00	0.000E+00
209	1	0.00	7	-1.477E+04	-3.963E+04	-7.120E+03	-7.077E-02	-5.905E+05	7.378E+06	0.000E+00	0.000E+00
209	1	0.00	8	-1.488E+04	-3.963E+04	-7.155E+03	-7.076E-02	-5.743E+05	7.379E+06	0.000E+00	0.000E+00
209	1	0.00	9	9.454E+03	-3.953E+04	5.296E+03	-1.568E-01	2.525E+05	7.424E+06	0.000E+00	0.000E+00
209	1	0.00	10	9.343E+03	-3.953E+04	5.261E+03	-1.568E-01	2.686E+05	7.425E+06	0.000E+00	0.000E+00
209	1	0.00	11	-9.683E+02	-3.953E+04	5.320E+03	-1.568E-01	2.567E+05	7.424E+06	0.000E+00	0.000E+00
209	1	0.00	12	-1.080E+03	-3.953E+04	5.285E+03	-1.568E-01	2.729E+05	7.424E+06	0.000E+00	0.000E+00
209	1	0.00	13	9.408E+03	-3.953E+04	5.081E+03	-1.590E-01	2.347E+05	7.426E+06	0.000E+00	0.000E+00
209	1	0.00	14	9.296E+03	-3.953E+04	5.046E+03	-1.590E-01	2.509E+05	7.426E+06	0.000E+00	0.000E+00
209	1	0.00	15	-1.015E+03	-3.952E+04	5.106E+03	-1.590E-01	2.390E+05	7.425E+06	0.000E+00	0.000E+00
209	1	0.00	16	-1.127E+03	-3.952E+04	5.071E+03	-1.590E-01	2.551E+05	7.425E+06	0.000E+00	0.000E+00
209	2	45.25	1	-4.303E+03	-4.041E+04	-6.930E+03	-6.853E-02	9.745E+04	5.567E+06	-1.632E-03	1.076E-04
209	2	45.25	2	-4.415E+03	-4.041E+04	-6.964E+03	-6.852E-02	1.152E+05	5.567E+06	-1.632E-03	1.231E-04
209	2	45.25	3	-1.473E+04	-4.040E+04	-6.905E+03	-6.853E-02	1.006E+05	5.566E+06	-1.632E-03	1.095E-04
209	2	45.25	4	-1.484E+04	-4.040E+04	-6.940E+03	-6.852E-02	1.183E+05	5.566E+06	-1.632E-03	1.251E-04
209	2	45.25	5	-4.350E+03	-4.040E+04	-7.144E+03	-7.077E-02	8.940E+04	5.568E+06	-1.633E-03	1.062E-04
209	2	45.25	6	-4.462E+03	-4.040E+04	-7.179E+03	-7.076E-02	1.071E+05	5.568E+06	-1.633E-03	1.218E-04
209	2	45.25	7	-1.477E+04	-4.040E+04	-7.120E+03	-7.077E-02	9.255E+04	5.568E+06	-1.633E-03	1.082E-04
209	2	45.25	8	-1.488E+04	-4.040E+04	-7.155E+03	-7.076E-02	1.103E+05	5.568E+06	-1.633E-03	1.238E-04
209	2	45.25	9	9.455E+03	-4.030E+04	5.296E+03	-1.568E-01	-3.480E+05	5.618E+06	-1.652E-03	-2.745E-04
209	2	45.25	10	9.344E+03	-4.030E+04	5.261E+03	-1.568E-01	-3.303E+05	5.618E+06	-1.652E-03	-2.590E-04
209	2	45.25	11	-9.674E+02	-4.029E+04	5.320E+03	-1.568E-01	-3.449E+05	5.618E+06	-1.652E-03	-2.726E-04
209	2	45.25	12	-1.079E+03	-4.029E+04	5.285E+03	-1.568E-01	-3.272E+05	5.618E+06	-1.652E-03	-2.570E-04
209	2	45.25	13	9.408E+03	-4.030E+04	5.081E+03	-1.590E-01	-3.561E+05	5.620E+06	-1.652E-03	-2.759E-04
209	2	45.25	14	9.297E+03	-4.030E+04	5.046E+03	-1.590E-01	-3.384E+05	5.620E+06	-1.652E-03	-2.603E-04
209	2	45.25	15	-1.014E+03	-4.029E+04	5.106E+03	-1.590E-01	-3.529E+05	5.619E+06	-1.652E-03	-2.739E-04
209	2	45.25	16	-1.126E+03	-4.029E+04	5.071E+03	-1.590E-01	-3.352E+05	5.619E+06	-1.652E-03	-2.583E-04
209	3	90.50	1	-4.303E+03	-4.117E+04	-6.930E+03	-6.853E-02	1.949E+05	3.721E+06	-1.879E-03	2.156E-04
209	3	90.50	2	-4.414E+03	-4.117E+04	-6.964E+03	-6.852E-02	2.142E+05	3.721E+06	-1.879E-03	2.370E-04
209	3	90.50	3	-1.473E+04	-4.117E+04	-6.905E+03	-6.853E-02	1.970E+05	3.721E+06	-1.878E-03	2.179E-04
209	3	90.50	4	-1.484E+04	-4.117E+04	-6.940E+03	-6.852E-02	2.163E+05	3.721E+06	-1.878E-03	2.392E-04
209	3	90.50	5	-4.349E+03	-4.117E+04	-7.144E+03	-7.077E-02	1.966E+05	3.723E+06	-1.879E-03	2.175E-04
209	3	90.50	6	-4.461E+03	-4.117E+04	-7.179E+03	-7.076E-02	2.159E+05	3.723E+06	-1.879E-03	2.388E-04
209	3	90.50	7	-1.477E+04	-4.116E+04	-7.120E+03	-7.077E-02	1.986E+05	3.722E+06	-1.879E-03	2.197E-04
209	3	90.50	8	-1.488E+04	-4.117E+04	-7.155E+03	-7.076E-02	2.179E+05	3.722E+06	-1.879E-03	2.411E-04
209	3	90.50	9	9.456E+03	-4.106E+04	5.296E+03	-1.568E-01	-3.716E+05	3.777E+06	-1.906E-03	-4.110E-04
209	3	90.50	10	9.344E+03	-4.106E+04	5.261E+03	-1.568E-01	-3.523E+05	3.777E+06	-1.906E-03	-3.897E-04
209	3	90.50	11	-9.666E+02	-4.106E+04	5.320E+03	-1.568E-01	-3.696E+05	3.777E+06	-1.905E-03	-4.088E-04
209	3	90.50	12	-1.078E+03	-4.106E+04	5.285E+03	-1.568E-01	-3.503E+05	3.777E+06	-1.905E-03	-3.874E-04
209	3	90.50	13	9.409E+03	-4.106E+04	5.081E+03	-1.590E-01	-3.699E+05	3.779E+06	-1.906E-03	-4.092E-04
209	3	90.50	14	9.298E+03	-4.106E+04	5.046E+03	-1.590E-01	-3.506E+05	3.779E+06	-1.906E-03	-3.879E-04
209	3	90.50	15	-1.013E+03	-4.106E+04	5.106E+03	-1.590E-01	-3.679E+05	3.778E+06	-1.906E-03	-4.070E-04

209	3	90.50	16	-1.125E+03	-4.106E+04	5.071E+03	-1.590E-01	-3.486E+05	3.778E+06	-1.906E-03	-3.856E-04
209	4	135.75	1	-4.302E+03	-4.194E+04	-6.930E+03	-6.853E-02	4.623E+05	1.841E+06	-1.184E-03	2.296E-04
209	4	135.75	2	-4.413E+03	-4.194E+04	-6.964E+03	-6.852E-02	4.832E+05	1.841E+06	-1.184E-03	2.461E-04
209	4	135.75	3	-1.472E+04	-4.193E+04	-6.905E+03	-6.853E-02	4.633E+05	1.841E+06	-1.183E-03	2.310E-04
209	4	135.75	4	-1.484E+04	-4.193E+04	-6.940E+03	-6.852E-02	4.841E+05	1.841E+06	-1.183E-03	2.474E-04
209	4	135.75	5	-4.348E+03	-4.194E+04	-7.144E+03	-7.077E-02	4.737E+05	1.843E+06	-1.184E-03	2.337E-04
209	4	135.75	6	-4.460E+03	-4.194E+04	-7.179E+03	-7.076E-02	4.946E+05	1.843E+06	-1.184E-03	2.501E-04
209	4	135.75	7	-1.477E+04	-4.193E+04	-7.120E+03	-7.077E-02	4.746E+05	1.842E+06	-1.184E-03	2.351E-04
209	4	135.75	8	-1.488E+04	-4.193E+04	-7.155E+03	-7.076E-02	4.955E+05	1.842E+06	-1.184E-03	2.515E-04
209	4	135.75	9	9.457E+03	-4.183E+04	5.296E+03	-1.568E-01	-5.651E+05	1.902E+06	-1.204E-03	-3.557E-04
209	4	135.75	10	9.345E+03	-4.183E+04	5.261E+03	-1.568E-01	-5.442E+05	1.902E+06	-1.204E-03	-3.393E-04
209	4	135.75	11	-9.658E+02	-4.183E+04	5.320E+03	-1.568E-01	-5.641E+05	1.902E+06	-1.204E-03	-3.543E-04
209	4	135.75	12	-1.077E+03	-4.183E+04	5.285E+03	-1.568E-01	-5.433E+05	1.902E+06	-1.204E-03	-3.379E-04
209	4	135.75	13	9.410E+03	-4.183E+04	5.081E+03	-1.590E-01	-5.537E+05	1.904E+06	-1.205E-03	-3.517E-04
209	4	135.75	14	9.299E+03	-4.183E+04	5.046E+03	-1.590E-01	-5.328E+05	1.904E+06	-1.205E-03	-3.352E-04
209	4	135.75	15	-1.012E+03	-4.182E+04	5.106E+03	-1.590E-01	-5.528E+05	1.903E+06	-1.205E-03	-3.503E-04
209	4	135.75	16	-1.124E+03	-4.182E+04	5.071E+03	-1.590E-01	-5.319E+05	1.903E+06	-1.205E-03	-3.338E-04
209	5	181.00	1	-4.301E+03	-4.270E+04	-6.930E+03	-6.853E-02	7.605E+05	-7.406E+04	-1.136E-10	5.843E-11
209	5	181.00	2	-4.412E+03	-4.270E+04	-6.964E+03	-6.852E-02	7.830E+05	-7.407E+04	-1.136E-10	5.574E-11
209	5	181.00	3	-1.472E+04	-4.270E+04	-6.905E+03	-6.853E-02	7.604E+05	-7.406E+04	-1.137E-10	5.843E-11
209	5	181.00	4	-1.483E+04	-4.270E+04	-6.940E+03	-6.852E-02	7.828E+05	-7.407E+04	-1.137E-10	5.574E-11
209	5	181.00	5	-4.348E+03	-4.270E+04	-7.144E+03	-7.077E-02	7.816E+05	-7.239E+04	-1.136E-10	6.449E-11
209	5	181.00	6	-4.459E+03	-4.270E+04	-7.179E+03	-7.076E-02	8.041E+05	-7.240E+04	-1.136E-10	6.180E-11
209	5	181.00	7	-1.477E+04	-4.270E+04	-7.120E+03	-7.077E-02	7.814E+05	-7.239E+04	-1.136E-10	6.449E-11
209	5	181.00	8	-1.488E+04	-4.270E+04	-7.155E+03	-7.076E-02	8.039E+05	-7.240E+04	-1.136E-10	6.180E-11
209	5	181.00	9	9.458E+03	-4.260E+04	5.296E+03	-1.568E-01	-7.893E+05	-8.191E+03	-1.200E-10	-2.896E-11
209	5	181.00	10	9.346E+03	-4.260E+04	5.261E+03	-1.568E-01	-7.669E+05	-8.200E+03	-1.200E-10	-3.165E-11
209	5	181.00	11	-9.649E+02	-4.259E+04	5.320E+03	-1.568E-01	-7.895E+05	-8.191E+03	-1.201E-10	-2.896E-11
209	5	181.00	12	-1.076E+03	-4.259E+04	5.285E+03	-1.568E-01	-7.671E+05	-8.200E+03	-1.201E-10	-3.165E-11
209	5	181.00	13	9.411E+03	-4.259E+04	5.081E+03	-1.590E-01	-7.683E+05	-6.526E+03	-1.199E-10	-2.290E-11
209	5	181.00	14	9.299E+03	-4.259E+04	5.046E+03	-1.590E-01	-7.458E+05	-6.535E+03	-1.199E-10	-2.559E-11
209	5	181.00	15	-1.012E+03	-4.259E+04	5.106E+03	-1.590E-01	-7.685E+05	-6.526E+03	-1.200E-10	-2.290E-11
209	5	181.00	16	-1.123E+03	-4.259E+04	5.071E+03	-1.590E-01	-7.460E+05	-6.535E+03	-1.200E-10	-2.559E-11
210	1	0.00	1	9.296E+03	-3.953E+04	-5.046E+03	1.590E-01	-2.509E+05	7.426E+06	0.000E+00	0.000E+00
210	1	0.00	2	9.408E+03	-3.953E+04	-5.081E+03	1.590E-01	-2.347E+05	7.426E+06	0.000E+00	0.000E+00
210	1	0.00	3	-1.127E+03	-3.952E+04	-5.071E+03	1.590E-01	-2.551E+05	7.425E+06	0.000E+00	0.000E+00
210	1	0.00	4	-1.015E+03	-3.952E+04	-5.106E+03	1.590E-01	-2.390E+05	7.425E+06	0.000E+00	0.000E+00
210	1	0.00	5	9.343E+03	-3.953E+04	-5.261E+03	1.568E-01	-2.686E+05	7.425E+06	0.000E+00	0.000E+00
210	1	0.00	6	9.454E+03	-3.953E+04	-5.296E+03	1.568E-01	-2.525E+05	7.424E+06	0.000E+00	0.000E+00
210	1	0.00	7	-1.080E+03	-3.953E+04	-5.285E+03	1.568E-01	-2.729E+05	7.424E+06	0.000E+00	0.000E+00
210	1	0.00	8	-9.683E+02	-3.953E+04	-5.320E+03	1.568E-01	-2.567E+05	7.424E+06	0.000E+00	0.000E+00
210	1	0.00	9	-4.462E+03	-3.964E+04	7.179E+03	7.076E-02	5.786E+05	7.379E+06	0.000E+00	0.000E+00
210	1	0.00	10	-4.351E+03	-3.964E+04	7.144E+03	7.077E-02	5.947E+05	7.379E+06	0.000E+00	0.000E+00
210	1	0.00	11	-1.488E+04	-3.963E+04	7.155E+03	7.076E-02	5.743E+05	7.379E+06	0.000E+00	0.000E+00
210	1	0.00	12	-1.477E+04	-3.963E+04	7.120E+03	7.077E-02	5.905E+05	7.378E+06	0.000E+00	0.000E+00
210	1	0.00	13	-4.416E+03	-3.964E+04	6.964E+03	6.852E-02	5.608E+05	7.378E+06	0.000E+00	0.000E+00
210	1	0.00	14	-4.304E+03	-3.964E+04	6.930E+03	6.853E-02	5.770E+05	7.378E+06	0.000E+00	0.000E+00
210	1	0.00	15	-1.484E+04	-3.964E+04	6.940E+03	6.852E-02	5.566E+05	7.377E+06	0.000E+00	0.000E+00
210	1	0.00	16	-1.473E+04	-3.964E+04	6.905E+03	6.853E-02	5.727E+05	7.377E+06	0.000E+00	0.000E+00
210	2	45.25	1	9.297E+03	-4.030E+04	-5.046E+03	1.590E-01	3.384E+05	5.620E+06	-1.652E-03	2.603E-04
210	2	45.25	2	9.408E+03	-4.030E+04	-5.081E+03	1.590E-01	3.561E+05	5.620E+06	-1.652E-03	2.759E-04
210	2	45.25	3	-1.126E+03	-4.029E+04	-5.071E+03	1.590E-01	3.352E+05	5.619E+06	-1.652E-03	2.583E-04
210	2	45.25	4	-1.014E+03	-4.029E+04	-5.106E+03	1.590E-01	3.529E+05	5.619E+06	-1.652E-03	2.739E-04
210	2	45.25	5	9.344E+03	-4.030E+04	-5.261E+03	1.568E-01	3.303E+05	5.618E+06	-1.652E-03	2.590E-04
210	2	45.25	6	9.455E+03	-4.030E+04	-5.296E+03	1.568E-01	3.480E+05	5.618E+06	-1.652E-03	2.745E-04
210	2	45.25	7	-1.079E+03	-4.029E+04	-5.285E+03	1.568E-01	3.272E+05	5.618E+06	-1.652E-03	2.570E-04
210	2	45.25	8	-9.674E+02	-4.029E+04	-5.320E+03	1.568E-01	3.449E+05	5.618E+06	-1.652E-03	2.726E-04
210	2	45.25	9	-4.462E+03	-4.040E+04	7.179E+03	7.076E-02	-1.071E+05	5.568E+06	-1.633E-03	-1.218E-04
210	2	45.25	10	-4.350E+03	-4.040E+04	7.144E+03	7.077E-02	-8.940E+04	5.568E+06	-1.633E-03	-1.062E-04
210	2	45.25	11	-1.488E+04	-4.040E+04	7.155E+03	7.076E-02	-1.103E+05	5.568E+06	-1.633E-03	-1.238E-04
210	2	45.25	12	-1.477E+04	-4.040E+04	7.120E+03	7.077E-02	-9.255E+04	5.568E+06	-1.633E-03	-1.082E-04
210	2	45.25	13	-4.415E+03	-4.041E+04	6.964E+03	6.852E-02	-1.152E+05	5.567E+06	-1.632E-03	-1.231E-04

210	2	45.25	14	-4.303E+03	-4.041E+04	6.930E+03	6.853E-02	-9.745E+04	5.567E+06	-1.632E-03	-1.076E-04
210	2	45.25	15	-1.484E+04	-4.040E+04	6.940E+03	6.852E-02	-1.183E+05	5.566E+06	-1.632E-03	-1.251E-04
210	2	45.25	16	-1.473E+04	-4.040E+04	6.905E+03	6.853E-02	-1.006E+05	5.566E+06	-1.632E-03	-1.095E-04
210	3	90.50	1	9.298E+03	-4.106E+04	-5.046E+03	1.590E-01	3.506E+05	3.779E+06	-1.906E-03	3.879E-04
210	3	90.50	2	9.409E+03	-4.106E+04	-5.081E+03	1.590E-01	3.699E+05	3.779E+06	-1.906E-03	4.092E-04
210	3	90.50	3	-1.125E+03	-4.106E+04	-5.071E+03	1.590E-01	3.486E+05	3.778E+06	-1.906E-03	3.856E-04
210	3	90.50	4	-1.013E+03	-4.106E+04	-5.106E+03	1.590E-01	3.679E+05	3.778E+06	-1.906E-03	4.070E-04
210	3	90.50	5	9.344E+03	-4.106E+04	-5.261E+03	1.568E-01	3.523E+05	3.777E+06	-1.906E-03	3.897E-04
210	3	90.50	6	9.456E+03	-4.106E+04	-5.296E+03	1.568E-01	3.716E+05	3.777E+06	-1.906E-03	4.110E-04
210	3	90.50	7	-1.078E+03	-4.106E+04	-5.285E+03	1.568E-01	3.503E+05	3.777E+06	-1.905E-03	3.874E-04
210	3	90.50	8	-9.666E+02	-4.106E+04	-5.320E+03	1.568E-01	3.696E+05	3.777E+06	-1.905E-03	4.088E-04
210	3	90.50	9	-4.461E+03	-4.117E+04	7.179E+03	7.076E-02	-2.159E+05	3.723E+06	-1.879E-03	-2.388E-04
210	3	90.50	10	-4.349E+03	-4.117E+04	7.144E+03	7.077E-02	-1.966E+05	3.723E+06	-1.879E-03	-2.175E-04
210	3	90.50	11	-1.488E+04	-4.117E+04	7.155E+03	7.076E-02	-2.179E+05	3.722E+06	-1.879E-03	-2.411E-04
210	3	90.50	12	-1.477E+04	-4.116E+04	7.120E+03	7.077E-02	-1.986E+05	3.722E+06	-1.879E-03	-2.197E-04
210	3	90.50	13	-4.414E+03	-4.117E+04	6.964E+03	6.852E-02	-2.142E+05	3.721E+06	-1.879E-03	-2.370E-04
210	3	90.50	14	-4.303E+03	-4.117E+04	6.930E+03	6.853E-02	-1.949E+05	3.721E+06	-1.879E-03	-2.156E-04
210	3	90.50	15	-1.484E+04	-4.117E+04	6.940E+03	6.852E-02	-2.163E+05	3.721E+06	-1.878E-03	-2.392E-04
210	3	90.50	16	-1.473E+04	-4.117E+04	6.905E+03	6.853E-02	-1.970E+05	3.721E+06	-1.878E-03	-2.179E-04
210	4	135.75	1	9.299E+03	-4.183E+04	-5.046E+03	1.590E-01	5.328E+05	1.904E+06	-1.205E-03	3.352E-04
210	4	135.75	2	9.410E+03	-4.183E+04	-5.081E+03	1.590E-01	5.537E+05	1.904E+06	-1.205E-03	3.517E-04
210	4	135.75	3	-1.124E+03	-4.182E+04	-5.071E+03	1.590E-01	5.319E+05	1.903E+06	-1.205E-03	3.338E-04
210	4	135.75	4	-1.012E+03	-4.182E+04	-5.106E+03	1.590E-01	5.528E+05	1.903E+06	-1.205E-03	3.503E-04
210	4	135.75	5	9.345E+03	-4.183E+04	-5.261E+03	1.568E-01	5.442E+05	1.902E+06	-1.204E-03	3.393E-04
210	4	135.75	6	9.457E+03	-4.183E+04	-5.296E+03	1.568E-01	5.651E+05	1.902E+06	-1.204E-03	3.557E-04
210	4	135.75	7	-1.077E+03	-4.183E+04	-5.285E+03	1.568E-01	5.433E+05	1.902E+06	-1.204E-03	3.379E-04
210	4	135.75	8	-9.658E+02	-4.183E+04	-5.320E+03	1.568E-01	5.641E+05	1.902E+06	-1.204E-03	3.543E-04
210	4	135.75	9	-4.460E+03	-4.194E+04	7.179E+03	7.076E-02	-4.946E+05	1.843E+06	-1.184E-03	-2.501E-04
210	4	135.75	10	-4.348E+03	-4.194E+04	7.144E+03	7.077E-02	-4.737E+05	1.843E+06	-1.184E-03	-2.337E-04
210	4	135.75	11	-1.488E+04	-4.193E+04	7.155E+03	7.076E-02	-4.955E+05	1.842E+06	-1.184E-03	-2.515E-04
210	4	135.75	12	-1.477E+04	-4.193E+04	7.120E+03	7.077E-02	-4.746E+05	1.842E+06	-1.184E-03	-2.351E-04
210	4	135.75	13	-4.413E+03	-4.194E+04	6.964E+03	6.852E-02	-4.832E+05	1.841E+06	-1.184E-03	-2.461E-04
210	4	135.75	14	-4.302E+03	-4.194E+04	6.930E+03	6.853E-02	-4.623E+05	1.841E+06	-1.184E-03	-2.296E-04
210	4	135.75	15	-1.484E+04	-4.193E+04	6.940E+03	6.852E-02	-4.841E+05	1.841E+06	-1.183E-03	-2.474E-04
210	4	135.75	16	-1.472E+04	-4.193E+04	6.905E+03	6.853E-02	-4.633E+05	1.841E+06	-1.183E-03	-2.310E-04
210	5	181.00	1	9.299E+03	-4.259E+04	-5.046E+03	1.590E-01	7.458E+05	-6.535E+03	-1.199E-10	2.559E-11
210	5	181.00	2	9.411E+03	-4.259E+04	-5.081E+03	1.590E-01	7.683E+05	-6.526E+03	-1.199E-10	2.290E-11
210	5	181.00	3	-1.123E+03	-4.259E+04	-5.071E+03	1.590E-01	7.460E+05	-6.535E+03	-1.200E-10	2.559E-11
210	5	181.00	4	-1.012E+03	-4.259E+04	-5.106E+03	1.590E-01	7.685E+05	-6.526E+03	-1.200E-10	2.290E-11
210	5	181.00	5	9.346E+03	-4.260E+04	-5.261E+03	1.568E-01	7.669E+05	-8.200E+03	-1.200E-10	3.165E-11
210	5	181.00	6	9.458E+03	-4.260E+04	-5.296E+03	1.568E-01	7.893E+05	-8.191E+03	-1.200E-10	2.896E-11
210	5	181.00	7	-1.076E+03	-4.259E+04	-5.285E+03	1.568E-01	7.671E+05	-8.200E+03	-1.201E-10	3.165E-11
210	5	181.00	8	-9.649E+02	-4.259E+04	-5.320E+03	1.568E-01	7.895E+05	-8.191E+03	-1.201E-10	2.896E-11
210	5	181.00	9	-4.459E+03	-4.270E+04	7.179E+03	7.076E-02	-8.041E+05	-7.240E+04	-1.136E-10	-6.180E-11
210	5	181.00	10	-4.348E+03	-4.270E+04	7.144E+03	7.077E-02	-7.816E+05	-7.239E+04	-1.136E-10	-6.449E-11
210	5	181.00	11	-1.488E+04	-4.270E+04	7.155E+03	7.076E-02	-8.039E+05	-7.240E+04	-1.136E-10	-6.180E-11
210	5	181.00	12	-1.477E+04	-4.270E+04	7.120E+03	7.077E-02	-7.814E+05	-7.239E+04	-1.136E-10	-6.449E-11
210	5	181.00	13	-4.412E+03	-4.270E+04	6.964E+03	6.852E-02	-7.830E+05	-7.407E+04	-1.136E-10	-5.574E-11
210	5	181.00	14	-4.301E+03	-4.270E+04	6.930E+03	6.853E-02	-7.605E+05	-7.406E+04	-1.136E-10	-5.843E-11
210	5	181.00	15	-1.483E+04	-4.270E+04	6.940E+03	6.852E-02	-7.828E+05	-7.407E+04	-1.137E-10	-5.574E-11
210	5	181.00	16	-1.472E+04	-4.270E+04	6.905E+03	6.853E-02	-7.604E+05	-7.406E+04	-1.137E-10	-5.843E-11
211	1	0.00	1	4.281E+01	1.168E+03	7.136E+01	1.110E-15	4.924E+03	-4.030E+04	0.000E+00	0.000E+00
211	1	0.00	2	4.641E+01	1.168E+03	7.136E+01	1.110E-15	4.924E+03	-4.030E+04	0.000E+00	0.000E+00
211	1	0.00	3	-4.641E+01	1.168E+03	7.136E+01	1.715E-15	4.924E+03	-4.030E+04	0.000E+00	0.000E+00
211	1	0.00	4	-4.281E+01	1.168E+03	7.136E+01	1.715E-15	4.924E+03	-4.030E+04	0.000E+00	0.000E+00
211	1	0.00	5	4.281E+01	1.168E+03	7.385E+01	1.152E-15	5.096E+03	-4.030E+04	0.000E+00	0.000E+00
211	1	0.00	6	4.641E+01	1.168E+03	7.385E+01	1.152E-15	5.096E+03	-4.030E+04	0.000E+00	0.000E+00
211	1	0.00	7	-4.641E+01	1.168E+03	7.385E+01	1.756E-15	5.096E+03	-4.030E+04	0.000E+00	0.000E+00
211	1	0.00	8	-4.281E+01	1.168E+03	7.385E+01	1.756E-15	5.096E+03	-4.030E+04	0.000E+00	0.000E+00
211	1	0.00	9	4.281E+01	1.168E+03	-7.385E+01	-1.394E-15	-5.096E+03	-4.030E+04	0.000E+00	0.000E+00
211	1	0.00	10	4.641E+01	1.168E+03	-7.385E+01	-1.394E-15	-5.096E+03	-4.030E+04	0.000E+00	0.000E+00
211	1	0.00	11	-4.641E+01	1.168E+03	-7.385E+01	-7.888E-16	-5.096E+03	-4.030E+04	0.000E+00	0.000E+00

211	1	0.00	12	-4.281E+01	1.168E+03	-7.385E+01	-7.888E-16	-5.096E+03	-4.030E+04	0.000E+00	0.000E+00
211	1	0.00	13	4.281E+01	1.168E+03	-7.136E+01	-1.352E-15	-4.924E+03	-4.030E+04	0.000E+00	0.000E+00
211	1	0.00	14	4.641E+01	1.168E+03	-7.136E+01	-1.352E-15	-4.924E+03	-4.030E+04	0.000E+00	0.000E+00
211	1	0.00	15	-4.641E+01	1.168E+03	-7.136E+01	-7.472E-16	-4.924E+03	-4.030E+04	0.000E+00	0.000E+00
211	1	0.00	16	-4.281E+01	1.168E+03	-7.136E+01	-7.472E-16	-4.924E+03	-4.030E+04	0.000E+00	0.000E+00
211	2	17.25	1	4.281E+01	8.760E+02	7.136E+01	1.110E-15	3.693E+03	-2.267E+04	-9.208E-06	3.463E-07
211	2	17.25	2	4.641E+01	8.760E+02	7.136E+01	1.110E-15	3.693E+03	-2.267E+04	-9.208E-06	3.463E-07
211	2	17.25	3	-4.641E+01	8.760E+02	7.136E+01	1.715E-15	3.693E+03	-2.267E+04	-9.208E-06	3.463E-07
211	2	17.25	4	-4.281E+01	8.760E+02	7.136E+01	1.715E-15	3.693E+03	-2.267E+04	-9.208E-06	3.463E-07
211	2	17.25	5	4.281E+01	8.760E+02	7.385E+01	1.152E-15	3.822E+03	-2.267E+04	-9.208E-06	3.584E-07
211	2	17.25	6	4.641E+01	8.760E+02	7.385E+01	1.152E-15	3.822E+03	-2.267E+04	-9.208E-06	3.584E-07
211	2	17.25	7	-4.641E+01	8.760E+02	7.385E+01	1.756E-15	3.822E+03	-2.267E+04	-9.208E-06	3.584E-07
211	2	17.25	8	-4.281E+01	8.760E+02	7.385E+01	1.756E-15	3.822E+03	-2.267E+04	-9.208E-06	3.584E-07
211	2	17.25	9	4.281E+01	8.760E+02	-7.385E+01	-1.394E-15	-3.822E+03	-2.267E+04	-9.208E-06	-3.584E-07
211	2	17.25	10	4.641E+01	8.760E+02	-7.385E+01	-1.394E-15	-3.822E+03	-2.267E+04	-9.208E-06	-3.584E-07
211	2	17.25	11	-4.641E+01	8.760E+02	-7.385E+01	-7.888E-16	-3.822E+03	-2.267E+04	-9.208E-06	-3.584E-07
211	2	17.25	12	-4.281E+01	8.760E+02	-7.385E+01	-7.888E-16	-3.822E+03	-2.267E+04	-9.208E-06	-3.584E-07
211	2	17.25	13	4.281E+01	8.760E+02	-7.136E+01	-1.352E-15	-3.693E+03	-2.267E+04	-9.208E-06	-3.463E-07
211	2	17.25	14	4.641E+01	8.760E+02	-7.136E+01	-1.352E-15	-3.693E+03	-2.267E+04	-9.208E-06	-3.463E-07
211	2	17.25	15	-4.641E+01	8.760E+02	-7.136E+01	-7.472E-16	-3.693E+03	-2.267E+04	-9.208E-06	-3.463E-07
211	2	17.25	16	-4.281E+01	8.760E+02	-7.136E+01	-7.472E-16	-3.693E+03	-2.267E+04	-9.208E-06	-3.463E-07
211	3	34.50	1	4.281E+01	5.840E+02	7.136E+01	1.110E-15	2.462E+03	-1.007E+04	-1.254E-05	3.957E-07
211	3	34.50	2	4.641E+01	5.840E+02	7.136E+01	1.110E-15	2.462E+03	-1.007E+04	-1.254E-05	3.957E-07
211	3	34.50	3	-4.641E+01	5.840E+02	7.136E+01	1.715E-15	2.462E+03	-1.007E+04	-1.254E-05	3.957E-07
211	3	34.50	4	-4.281E+01	5.840E+02	7.136E+01	1.715E-15	2.462E+03	-1.007E+04	-1.254E-05	3.957E-07
211	3	34.50	5	4.281E+01	5.840E+02	7.385E+01	1.152E-15	2.548E+03	-1.007E+04	-1.254E-05	4.096E-07
211	3	34.50	6	4.641E+01	5.840E+02	7.385E+01	1.152E-15	2.548E+03	-1.007E+04	-1.254E-05	4.096E-07
211	3	34.50	7	-4.641E+01	5.840E+02	7.385E+01	1.756E-15	2.548E+03	-1.007E+04	-1.254E-05	4.096E-07
211	3	34.50	8	-4.281E+01	5.840E+02	7.385E+01	1.756E-15	2.548E+03	-1.007E+04	-1.254E-05	4.096E-07
211	3	34.50	9	4.281E+01	5.840E+02	-7.385E+01	-1.394E-15	-2.548E+03	-1.007E+04	-1.254E-05	-4.096E-07
211	3	34.50	10	4.641E+01	5.840E+02	-7.385E+01	-1.394E-15	-2.548E+03	-1.007E+04	-1.254E-05	-4.096E-07
211	3	34.50	11	-4.641E+01	5.840E+02	-7.385E+01	-7.888E-16	-2.548E+03	-1.007E+04	-1.254E-05	-4.096E-07
211	3	34.50	12	-4.281E+01	5.840E+02	-7.385E+01	-7.888E-16	-2.548E+03	-1.007E+04	-1.254E-05	-4.096E-07
211	3	34.50	13	4.281E+01	5.840E+02	-7.136E+01	-1.352E-15	-2.462E+03	-1.007E+04	-1.254E-05	-3.957E-07
211	3	34.50	14	4.641E+01	5.840E+02	-7.136E+01	-1.352E-15	-2.462E+03	-1.007E+04	-1.254E-05	-3.957E-07
211	3	34.50	15	-4.641E+01	5.840E+02	-7.136E+01	-7.472E-16	-2.462E+03	-1.007E+04	-1.254E-05	-3.957E-07
211	3	34.50	16	-4.281E+01	5.840E+02	-7.136E+01	-7.472E-16	-2.462E+03	-1.007E+04	-1.254E-05	-3.957E-07
211	4	51.75	1	4.281E+01	2.920E+02	7.136E+01	1.110E-15	1.231E+03	-2.518E+03	-9.561E-06	2.473E-07
211	4	51.75	2	4.641E+01	2.920E+02	7.136E+01	1.110E-15	1.231E+03	-2.518E+03	-9.561E-06	2.473E-07
211	4	51.75	3	-4.641E+01	2.920E+02	7.136E+01	1.715E-15	1.231E+03	-2.518E+03	-9.561E-06	2.473E-07
211	4	51.75	4	-4.281E+01	2.920E+02	7.136E+01	1.715E-15	1.231E+03	-2.518E+03	-9.561E-06	2.473E-07
211	4	51.75	5	4.281E+01	2.920E+02	7.385E+01	1.152E-15	1.274E+03	-2.518E+03	-9.561E-06	2.560E-07
211	4	51.75	6	4.641E+01	2.920E+02	7.385E+01	1.152E-15	1.274E+03	-2.518E+03	-9.561E-06	2.560E-07
211	4	51.75	7	-4.641E+01	2.920E+02	7.385E+01	1.756E-15	1.274E+03	-2.518E+03	-9.561E-06	2.560E-07
211	4	51.75	8	-4.281E+01	2.920E+02	7.385E+01	1.756E-15	1.274E+03	-2.518E+03	-9.561E-06	2.560E-07
211	4	51.75	9	4.281E+01	2.920E+02	-7.385E+01	-1.394E-15	-1.274E+03	-2.518E+03	-9.561E-06	-2.560E-07
211	4	51.75	10	4.641E+01	2.920E+02	-7.385E+01	-1.394E-15	-1.274E+03	-2.518E+03	-9.561E-06	-2.560E-07
211	4	51.75	11	-4.641E+01	2.920E+02	-7.385E+01	-7.888E-16	-1.274E+03	-2.518E+03	-9.561E-06	-2.560E-07
211	4	51.75	12	-4.281E+01	2.920E+02	-7.385E+01	-7.888E-16	-1.274E+03	-2.518E+03	-9.561E-06	-2.560E-07
211	4	51.75	13	4.281E+01	2.920E+02	-7.136E+01	-1.352E-15	-1.231E+03	-2.518E+03	-9.561E-06	-2.473E-07
211	4	51.75	14	4.641E+01	2.920E+02	-7.136E+01	-1.352E-15	-1.231E+03	-2.518E+03	-9.561E-06	-2.473E-07
211	4	51.75	15	-4.641E+01	2.920E+02	-7.136E+01	-7.472E-16	-1.231E+03	-2.518E+03	-9.561E-06	-2.473E-07
211	4	51.75	16	-4.281E+01	2.920E+02	-7.136E+01	-7.472E-16	-1.231E+03	-2.518E+03	-9.561E-06	-2.473E-07
211	5	69.00	1	4.281E+01	-1.614E-09	7.136E+01	1.110E-15	-1.039E-07	-6.026E-09	3.807E-13	-9.085E-14
211	5	69.00	2	4.641E+01	-1.614E-09	7.136E+01	1.110E-15	-1.039E-07	-6.029E-09	3.807E-13	-9.085E-14
211	5	69.00	3	-4.641E+01	-8.542E-10	7.136E+01	1.715E-15	-1.050E-07	2.627E-08	3.807E-13	-9.085E-14
211	5	69.00	4	-4.281E+01	-8.543E-10	7.136E+01	1.715E-15	-1.050E-07	2.627E-08	3.807E-13	-9.085E-14
211	5	69.00	5	4.281E+01	-1.642E-09	7.385E+01	1.152E-15	-1.064E-07	-7.533E-09	3.807E-13	-8.748E-14
211	5	69.00	6	4.641E+01	-1.642E-09	7.385E+01	1.152E-15	-1.064E-07	-7.536E-09	3.807E-13	-8.748E-14
211	5	69.00	7	-4.641E+01	-8.820E-10	7.385E+01	1.756E-15	-1.075E-07	2.476E-08	3.807E-13	-8.748E-14
211	5	69.00	8	-4.281E+01	-8.820E-10	7.385E+01	1.756E-15	-1.075E-07	2.476E-08	3.807E-13	-8.748E-14
211	5	69.00	9	4.281E+01	1.462E-09	-7.385E+01	-1.394E-15	1.052E-07	9.598E-08	3.807E-13	8.748E-14

211	5	69.00	10	4.641E+01	1.462E-09	-7.385E+01	-1.394E-15	1.052E-07	9.597E-08	3.807E-13	8.748E-14
211	5	69.00	11	-4.641E+01	2.222E-09	-7.385E+01	-7.888E-16	1.041E-07	1.283E-07	3.807E-13	8.748E-14
211	5	69.00	12	-4.281E+01	2.222E-09	-7.385E+01	-7.888E-16	1.041E-07	1.283E-07	3.807E-13	8.748E-14
211	5	69.00	13	4.281E+01	1.435E-09	-7.136E+01	-1.352E-15	1.026E-07	9.447E-08	3.807E-13	9.085E-14
211	5	69.00	14	4.641E+01	1.434E-09	-7.136E+01	-1.352E-15	1.027E-07	9.447E-08	3.807E-13	9.085E-14
211	5	69.00	15	-4.641E+01	2.194E-09	-7.136E+01	-7.472E-16	1.015E-07	1.268E-07	3.807E-13	9.085E-14
211	5	69.00	16	-4.281E+01	2.194E-09	-7.136E+01	-7.472E-16	1.016E-07	1.268E-07	3.807E-13	9.085E-14
212	1	0.00	1	4.641E+01	1.168E+03	7.136E+01	9.685E-16	4.924E+03	-4.030E+04	0.000E+00	0.000E+00
212	1	0.00	2	4.281E+01	1.168E+03	7.136E+01	9.692E-16	4.924E+03	-4.030E+04	0.000E+00	0.000E+00
212	1	0.00	3	-4.281E+01	1.168E+03	7.136E+01	2.232E-16	4.924E+03	-4.030E+04	0.000E+00	0.000E+00
212	1	0.00	4	-4.641E+01	1.168E+03	7.136E+01	2.239E-16	4.924E+03	-4.030E+04	0.000E+00	0.000E+00
212	1	0.00	5	4.641E+01	1.168E+03	7.385E+01	9.407E-16	5.096E+03	-4.030E+04	0.000E+00	0.000E+00
212	1	0.00	6	4.281E+01	1.168E+03	7.385E+01	9.414E-16	5.096E+03	-4.030E+04	0.000E+00	0.000E+00
212	1	0.00	7	-4.281E+01	1.168E+03	7.385E+01	1.954E-16	5.096E+03	-4.030E+04	0.000E+00	0.000E+00
212	1	0.00	8	-4.641E+01	1.168E+03	7.385E+01	1.961E-16	5.096E+03	-4.030E+04	0.000E+00	0.000E+00
212	1	0.00	9	4.641E+01	1.168E+03	-7.385E+01	-2.157E-16	-5.096E+03	-4.030E+04	0.000E+00	0.000E+00
212	1	0.00	10	4.281E+01	1.168E+03	-7.385E+01	-2.150E-16	-5.096E+03	-4.030E+04	0.000E+00	0.000E+00
212	1	0.00	11	-4.281E+01	1.168E+03	-7.385E+01	-9.610E-16	-5.096E+03	-4.030E+04	0.000E+00	0.000E+00
212	1	0.00	12	-4.641E+01	1.168E+03	-7.385E+01	-9.603E-16	-5.096E+03	-4.030E+04	0.000E+00	0.000E+00
212	1	0.00	13	4.641E+01	1.168E+03	-7.136E+01	-2.434E-16	-4.924E+03	-4.030E+04	0.000E+00	0.000E+00
212	1	0.00	14	4.281E+01	1.168E+03	-7.136E+01	-2.427E-16	-4.924E+03	-4.030E+04	0.000E+00	0.000E+00
212	1	0.00	15	-4.281E+01	1.168E+03	-7.136E+01	-9.887E-16	-4.924E+03	-4.030E+04	0.000E+00	0.000E+00
212	1	0.00	16	-4.641E+01	1.168E+03	-7.136E+01	-9.880E-16	-4.924E+03	-4.030E+04	0.000E+00	0.000E+00
212	2	17.25	1	4.641E+01	8.760E+02	7.136E+01	9.685E-16	3.693E+03	-2.267E+04	-9.208E-06	3.463E-07
212	2	17.25	2	4.281E+01	8.760E+02	7.136E+01	9.692E-16	3.693E+03	-2.267E+04	-9.208E-06	3.463E-07
212	2	17.25	3	-4.281E+01	8.760E+02	7.136E+01	2.232E-16	3.693E+03	-2.267E+04	-9.208E-06	3.463E-07
212	2	17.25	4	-4.641E+01	8.760E+02	7.136E+01	2.239E-16	3.693E+03	-2.267E+04	-9.208E-06	3.463E-07
212	2	17.25	5	4.641E+01	8.760E+02	7.385E+01	9.407E-16	3.822E+03	-2.267E+04	-9.208E-06	3.584E-07
212	2	17.25	6	4.281E+01	8.760E+02	7.385E+01	9.414E-16	3.822E+03	-2.267E+04	-9.208E-06	3.584E-07
212	2	17.25	7	-4.281E+01	8.760E+02	7.385E+01	1.954E-16	3.822E+03	-2.267E+04	-9.208E-06	3.584E-07
212	2	17.25	8	-4.641E+01	8.760E+02	7.385E+01	1.961E-16	3.822E+03	-2.267E+04	-9.208E-06	3.584E-07
212	2	17.25	9	4.641E+01	8.760E+02	-7.385E+01	-2.157E-16	-3.822E+03	-2.267E+04	-9.208E-06	-3.584E-07
212	2	17.25	10	4.281E+01	8.760E+02	-7.385E+01	-2.150E-16	-3.822E+03	-2.267E+04	-9.208E-06	-3.584E-07
212	2	17.25	11	-4.281E+01	8.760E+02	-7.385E+01	-9.610E-16	-3.822E+03	-2.267E+04	-9.208E-06	-3.584E-07
212	2	17.25	12	-4.641E+01	8.760E+02	-7.385E+01	-9.603E-16	-3.822E+03	-2.267E+04	-9.208E-06	-3.584E-07
212	2	17.25	13	4.641E+01	8.760E+02	-7.136E+01	-2.434E-16	-3.693E+03	-2.267E+04	-9.208E-06	-3.463E-07
212	2	17.25	14	4.281E+01	8.760E+02	-7.136E+01	-2.427E-16	-3.693E+03	-2.267E+04	-9.208E-06	-3.463E-07
212	2	17.25	15	-4.281E+01	8.760E+02	-7.136E+01	-9.887E-16	-3.693E+03	-2.267E+04	-9.208E-06	-3.463E-07
212	2	17.25	16	-4.641E+01	8.760E+02	-7.136E+01	-9.880E-16	-3.693E+03	-2.267E+04	-9.208E-06	-3.463E-07
212	3	34.50	1	4.641E+01	5.840E+02	7.136E+01	9.685E-16	2.462E+03	-1.007E+04	-1.254E-05	3.957E-07
212	3	34.50	2	4.281E+01	5.840E+02	7.136E+01	9.692E-16	2.462E+03	-1.007E+04	-1.254E-05	3.957E-07
212	3	34.50	3	-4.281E+01	5.840E+02	7.136E+01	2.232E-16	2.462E+03	-1.007E+04	-1.254E-05	3.957E-07
212	3	34.50	4	-4.641E+01	5.840E+02	7.136E+01	2.239E-16	2.462E+03	-1.007E+04	-1.254E-05	3.957E-07
212	3	34.50	5	4.641E+01	5.840E+02	7.385E+01	9.407E-16	2.548E+03	-1.007E+04	-1.254E-05	4.096E-07
212	3	34.50	6	4.281E+01	5.840E+02	7.385E+01	9.414E-16	2.548E+03	-1.007E+04	-1.254E-05	4.096E-07
212	3	34.50	7	-4.281E+01	5.840E+02	7.385E+01	1.954E-16	2.548E+03	-1.007E+04	-1.254E-05	4.096E-07
212	3	34.50	8	-4.641E+01	5.840E+02	7.385E+01	1.961E-16	2.548E+03	-1.007E+04	-1.254E-05	4.096E-07
212	3	34.50	9	4.641E+01	5.840E+02	-7.385E+01	-2.157E-16	-2.548E+03	-1.007E+04	-1.254E-05	-4.096E-07
212	3	34.50	10	4.281E+01	5.840E+02	-7.385E+01	-2.150E-16	-2.548E+03	-1.007E+04	-1.254E-05	-4.096E-07
212	3	34.50	11	-4.281E+01	5.840E+02	-7.385E+01	-9.610E-16	-2.548E+03	-1.007E+04	-1.254E-05	-4.096E-07
212	3	34.50	12	-4.641E+01	5.840E+02	-7.385E+01	-9.603E-16	-2.548E+03	-1.007E+04	-1.254E-05	-4.096E-07
212	3	34.50	13	4.641E+01	5.840E+02	-7.136E+01	-2.434E-16	-2.462E+03	-1.007E+04	-1.254E-05	-3.957E-07
212	3	34.50	14	4.281E+01	5.840E+02	-7.136E+01	-2.427E-16	-2.462E+03	-1.007E+04	-1.254E-05	-3.957E-07
212	3	34.50	15	-4.281E+01	5.840E+02	-7.136E+01	-9.887E-16	-2.462E+03	-1.007E+04	-1.254E-05	-3.957E-07
212	3	34.50	16	-4.641E+01	5.840E+02	-7.136E+01	-9.880E-16	-2.462E+03	-1.007E+04	-1.254E-05	-3.957E-07
212	4	51.75	1	4.641E+01	2.920E+02	7.136E+01	9.685E-16	1.231E+03	-2.518E+03	-9.561E-06	2.473E-07
212	4	51.75	2	4.281E+01	2.920E+02	7.136E+01	9.692E-16	1.231E+03	-2.518E+03	-9.561E-06	2.473E-07
212	4	51.75	3	-4.281E+01	2.920E+02	7.136E+01	2.232E-16	1.231E+03	-2.518E+03	-9.561E-06	2.473E-07
212	4	51.75	4	-4.641E+01	2.920E+02	7.136E+01	2.239E-16	1.231E+03	-2.518E+03	-9.561E-06	2.473E-07
212	4	51.75	5	4.641E+01	2.920E+02	7.385E+01	9.407E-16	1.274E+03	-2.518E+03	-9.561E-06	2.560E-07
212	4	51.75	6	4.281E+01	2.920E+02	7.385E+01	9.414E-16	1.274E+03	-2.518E+03	-9.561E-06	2.560E-07
212	4	51.75	7	-4.281E+01	2.920E+02	7.385E+01	1.954E-16	1.274E+03	-2.518E+03	-9.561E-06	2.560E-07

212	4	51.75	8	-4.641E+01	2.920E+02	7.385E+01	1.961E-16	1.274E+03	-2.518E+03	-9.561E-06	2.560E-07
212	4	51.75	9	4.641E+01	2.920E+02	-7.385E+01	-2.157E-16	-1.274E+03	-2.518E+03	-9.561E-06	-2.560E-07
212	4	51.75	10	4.281E+01	2.920E+02	-7.385E+01	-2.150E-16	-1.274E+03	-2.518E+03	-9.561E-06	-2.560E-07
212	4	51.75	11	-4.281E+01	2.920E+02	-7.385E+01	-9.610E-16	-1.274E+03	-2.518E+03	-9.561E-06	-2.560E-07
212	4	51.75	12	-4.641E+01	2.920E+02	-7.385E+01	-9.603E-16	-1.274E+03	-2.518E+03	-9.561E-06	-2.560E-07
212	4	51.75	13	4.641E+01	2.920E+02	-7.136E+01	-2.434E-16	-1.231E+03	-2.518E+03	-9.561E-06	-2.473E-07
212	4	51.75	14	4.281E+01	2.920E+02	-7.136E+01	-2.427E-16	-1.231E+03	-2.518E+03	-9.561E-06	-2.473E-07
212	4	51.75	15	-4.281E+01	2.920E+02	-7.136E+01	-9.887E-16	-1.231E+03	-2.518E+03	-9.561E-06	-2.473E-07
212	4	51.75	16	-4.641E+01	2.920E+02	-7.136E+01	-9.880E-16	-1.231E+03	-2.518E+03	-9.561E-06	-2.473E-07
212	5	69.00	1	4.641E+01	6.561E-10	7.136E+01	9.685E-16	1.405E-07	4.620E-08	3.808E-13	-9.081E-14
212	5	69.00	2	4.281E+01	6.556E-10	7.136E+01	9.692E-16	1.405E-07	4.617E-08	3.808E-13	-9.081E-14
212	5	69.00	3	-4.281E+01	5.033E-10	7.136E+01	2.232E-16	1.630E-07	3.678E-08	3.808E-13	-9.081E-14
212	5	69.00	4	-4.641E+01	5.028E-10	7.136E+01	2.239E-16	1.631E-07	3.674E-08	3.808E-13	-9.081E-14
212	5	69.00	5	4.641E+01	6.083E-10	7.385E+01	9.407E-16	1.422E-07	4.477E-08	3.808E-13	-8.743E-14
212	5	69.00	6	4.281E+01	6.079E-10	7.385E+01	9.414E-16	1.423E-07	4.474E-08	3.808E-13	-8.743E-14
212	5	69.00	7	-4.281E+01	4.555E-10	7.385E+01	1.954E-16	1.648E-07	3.535E-08	3.808E-13	-8.743E-14
212	5	69.00	8	-4.641E+01	4.551E-10	7.385E+01	1.961E-16	1.649E-07	3.531E-08	3.808E-13	-8.743E-14
212	5	69.00	9	4.641E+01	2.852E-10	-7.385E+01	-2.157E-16	-1.720E-07	2.593E-09	3.808E-13	8.743E-14
212	5	69.00	10	4.281E+01	2.848E-10	-7.385E+01	-2.150E-16	-1.719E-07	2.561E-09	3.808E-13	8.743E-14
212	5	69.00	11	-4.281E+01	1.324E-10	-7.385E+01	-9.610E-16	-1.494E-07	-6.832E-09	3.808E-13	8.743E-14
212	5	69.00	12	-4.641E+01	1.320E-10	-7.385E+01	-9.603E-16	-1.493E-07	-6.864E-09	3.808E-13	8.743E-14
212	5	69.00	13	4.641E+01	2.375E-10	-7.136E+01	-2.434E-16	-1.702E-07	1.161E-09	3.808E-13	9.081E-14
212	5	69.00	14	4.281E+01	2.370E-10	-7.136E+01	-2.427E-16	-1.702E-07	1.129E-09	3.808E-13	9.081E-14
212	5	69.00	15	-4.281E+01	8.470E-11	-7.136E+01	-9.887E-16	-1.477E-07	-8.264E-09	3.808E-13	9.081E-14
212	5	69.00	16	-4.641E+01	8.423E-11	-7.136E+01	-9.880E-16	-1.476E-07	-8.296E-09	3.808E-13	9.081E-14
213	1	0.00	1	-4.311E+01	-5.667E-10	-7.082E+01	0.000E+00	-6.508E-08	7.765E-08	0.000E+00	0.000E+00
213	1	0.00	2	-4.672E+01	-5.667E-10	-7.082E+01	0.000E+00	-6.515E-08	7.765E-08	0.000E+00	0.000E+00
213	1	0.00	3	4.672E+01	-6.584E-10	-7.082E+01	0.000E+00	-6.506E-08	7.765E-08	0.000E+00	0.000E+00
213	1	0.00	4	4.311E+01	-6.584E-10	-7.082E+01	0.000E+00	-6.513E-08	7.765E-08	0.000E+00	0.000E+00
213	1	0.00	5	-4.311E+01	-5.763E-10	-7.330E+01	0.000E+00	-6.638E-08	7.794E-08	0.000E+00	0.000E+00
213	1	0.00	6	-4.672E+01	-5.763E-10	-7.330E+01	0.000E+00	-6.645E-08	7.794E-08	0.000E+00	0.000E+00
213	1	0.00	7	4.672E+01	-6.679E-10	-7.330E+01	0.000E+00	-6.635E-08	7.794E-08	0.000E+00	0.000E+00
213	1	0.00	8	4.311E+01	-6.679E-10	-7.330E+01	0.000E+00	-6.642E-08	7.794E-08	0.000E+00	0.000E+00
213	1	0.00	9	-4.311E+01	2.216E-10	7.330E+01	0.000E+00	6.668E-08	4.270E-08	0.000E+00	0.000E+00
213	1	0.00	10	-4.672E+01	2.216E-10	7.330E+01	0.000E+00	6.661E-08	4.270E-08	0.000E+00	0.000E+00
213	1	0.00	11	4.672E+01	1.299E-10	7.330E+01	0.000E+00	6.670E-08	4.270E-08	0.000E+00	0.000E+00
213	1	0.00	12	4.311E+01	1.299E-10	7.330E+01	0.000E+00	6.663E-08	4.270E-08	0.000E+00	0.000E+00
213	1	0.00	13	-4.311E+01	2.120E-10	7.082E+01	0.000E+00	6.539E-08	4.300E-08	0.000E+00	0.000E+00
213	1	0.00	14	-4.672E+01	2.120E-10	7.082E+01	0.000E+00	6.532E-08	4.300E-08	0.000E+00	0.000E+00
213	1	0.00	15	4.672E+01	1.204E-10	7.082E+01	0.000E+00	6.541E-08	4.300E-08	0.000E+00	0.000E+00
213	1	0.00	16	4.311E+01	1.203E-10	7.082E+01	0.000E+00	6.534E-08	4.300E-08	0.000E+00	0.000E+00
213	2	17.25	1	-4.311E+01	-2.920E+02	-7.082E+01	0.000E+00	1.222E+03	-2.518E+03	-9.561E-06	2.455E-07
213	2	17.25	2	-4.672E+01	-2.920E+02	-7.082E+01	0.000E+00	1.222E+03	-2.518E+03	-9.561E-06	2.455E-07
213	2	17.25	3	4.672E+01	-2.920E+02	-7.082E+01	0.000E+00	1.222E+03	-2.518E+03	-9.561E-06	2.455E-07
213	2	17.25	4	4.311E+01	-2.920E+02	-7.082E+01	0.000E+00	1.222E+03	-2.518E+03	-9.561E-06	2.455E-07
213	2	17.25	5	-4.311E+01	-2.920E+02	-7.330E+01	0.000E+00	1.264E+03	-2.518E+03	-9.561E-06	2.541E-07
213	2	17.25	6	-4.672E+01	-2.920E+02	-7.330E+01	0.000E+00	1.264E+03	-2.518E+03	-9.561E-06	2.541E-07
213	2	17.25	7	4.672E+01	-2.920E+02	-7.330E+01	0.000E+00	1.264E+03	-2.518E+03	-9.561E-06	2.541E-07
213	2	17.25	8	4.311E+01	-2.920E+02	-7.330E+01	0.000E+00	1.264E+03	-2.518E+03	-9.561E-06	2.541E-07
213	2	17.25	9	-4.311E+01	-2.920E+02	7.330E+01	0.000E+00	-1.264E+03	-2.518E+03	-9.561E-06	-2.541E-07
213	2	17.25	10	-4.672E+01	-2.920E+02	7.330E+01	0.000E+00	-1.264E+03	-2.518E+03	-9.561E-06	-2.541E-07
213	2	17.25	11	4.672E+01	-2.920E+02	7.330E+01	0.000E+00	-1.264E+03	-2.518E+03	-9.561E-06	-2.541E-07
213	2	17.25	12	4.311E+01	-2.920E+02	7.330E+01	0.000E+00	-1.264E+03	-2.518E+03	-9.561E-06	-2.541E-07
213	2	17.25	13	-4.311E+01	-2.920E+02	7.082E+01	0.000E+00	-1.222E+03	-2.518E+03	-9.561E-06	-2.455E-07
213	2	17.25	14	-4.672E+01	-2.920E+02	7.082E+01	0.000E+00	-1.222E+03	-2.518E+03	-9.561E-06	-2.455E-07
213	2	17.25	15	4.672E+01	-2.920E+02	7.082E+01	0.000E+00	-1.222E+03	-2.518E+03	-9.561E-06	-2.455E-07
213	2	17.25	16	4.311E+01	-2.920E+02	7.082E+01	0.000E+00	-1.222E+03	-2.518E+03	-9.561E-06	-2.455E-07
213	3	34.50	1	-4.311E+01	-5.840E+02	-7.082E+01	0.000E+00	2.443E+03	-1.007E+04	-1.254E-05	3.928E-07
213	3	34.50	2	-4.672E+01	-5.840E+02	-7.082E+01	0.000E+00	2.443E+03	-1.007E+04	-1.254E-05	3.928E-07
213	3	34.50	3	4.672E+01	-5.840E+02	-7.082E+01	0.000E+00	2.443E+03	-1.007E+04	-1.254E-05	3.928E-07
213	3	34.50	4	4.311E+01	-5.840E+02	-7.082E+01	0.000E+00	2.443E+03	-1.007E+04	-1.254E-05	3.928E-07
213	3	34.50	5	-4.311E+01	-5.840E+02	-7.330E+01	0.000E+00	2.529E+03	-1.007E+04	-1.254E-05	4.065E-07

213	3	34.50	6	-4.672E+01	-5.840E+02	-7.330E+01	0.000E+00	2.529E+03	-1.007E+04	-1.254E-05	4.065E-07
213	3	34.50	7	4.672E+01	-5.840E+02	-7.330E+01	0.000E+00	2.529E+03	-1.007E+04	-1.254E-05	4.065E-07
213	3	34.50	8	4.311E+01	-5.840E+02	-7.330E+01	0.000E+00	2.529E+03	-1.007E+04	-1.254E-05	4.065E-07
213	3	34.50	9	-4.311E+01	-5.840E+02	7.330E+01	0.000E+00	-2.529E+03	-1.007E+04	-1.254E-05	-4.065E-07
213	3	34.50	10	-4.672E+01	-5.840E+02	7.330E+01	0.000E+00	-2.529E+03	-1.007E+04	-1.254E-05	-4.065E-07
213	3	34.50	11	4.672E+01	-5.840E+02	7.330E+01	0.000E+00	-2.529E+03	-1.007E+04	-1.254E-05	-4.065E-07
213	3	34.50	12	4.311E+01	-5.840E+02	7.330E+01	0.000E+00	-2.529E+03	-1.007E+04	-1.254E-05	-4.065E-07
213	3	34.50	13	-4.311E+01	-5.840E+02	7.082E+01	0.000E+00	-2.443E+03	-1.007E+04	-1.254E-05	-3.928E-07
213	3	34.50	14	-4.672E+01	-5.840E+02	7.082E+01	0.000E+00	-2.443E+03	-1.007E+04	-1.254E-05	-3.928E-07
213	3	34.50	15	4.672E+01	-5.840E+02	7.082E+01	0.000E+00	-2.443E+03	-1.007E+04	-1.254E-05	-3.928E-07
213	3	34.50	16	4.311E+01	-5.840E+02	7.082E+01	0.000E+00	-2.443E+03	-1.007E+04	-1.254E-05	-3.928E-07
213	4	51.75	1	-4.311E+01	-8.760E+02	-7.082E+01	0.000E+00	3.665E+03	-2.267E+04	-9.208E-06	3.437E-07
213	4	51.75	2	-4.672E+01	-8.760E+02	-7.082E+01	0.000E+00	3.665E+03	-2.267E+04	-9.208E-06	3.437E-07
213	4	51.75	3	4.672E+01	-8.760E+02	-7.082E+01	0.000E+00	3.665E+03	-2.267E+04	-9.208E-06	3.437E-07
213	4	51.75	4	4.311E+01	-8.760E+02	-7.082E+01	0.000E+00	3.665E+03	-2.267E+04	-9.208E-06	3.437E-07
213	4	51.75	5	-4.311E+01	-8.760E+02	-7.330E+01	0.000E+00	3.793E+03	-2.267E+04	-9.208E-06	3.557E-07
213	4	51.75	6	-4.672E+01	-8.760E+02	-7.330E+01	0.000E+00	3.793E+03	-2.267E+04	-9.208E-06	3.557E-07
213	4	51.75	7	4.672E+01	-8.760E+02	-7.330E+01	0.000E+00	3.793E+03	-2.267E+04	-9.208E-06	3.557E-07
213	4	51.75	8	4.311E+01	-8.760E+02	-7.330E+01	0.000E+00	3.793E+03	-2.267E+04	-9.208E-06	3.557E-07
213	4	51.75	9	-4.311E+01	-8.760E+02	7.330E+01	0.000E+00	-3.793E+03	-2.267E+04	-9.208E-06	-3.557E-07
213	4	51.75	10	-4.672E+01	-8.760E+02	7.330E+01	0.000E+00	-3.793E+03	-2.267E+04	-9.208E-06	-3.557E-07
213	4	51.75	11	4.672E+01	-8.760E+02	7.330E+01	0.000E+00	-3.793E+03	-2.267E+04	-9.208E-06	-3.557E-07
213	4	51.75	12	4.311E+01	-8.760E+02	7.330E+01	0.000E+00	-3.793E+03	-2.267E+04	-9.208E-06	-3.557E-07
213	4	51.75	13	-4.311E+01	-8.760E+02	7.082E+01	0.000E+00	-3.665E+03	-2.267E+04	-9.208E-06	-3.437E-07
213	4	51.75	14	-4.672E+01	-8.760E+02	7.082E+01	0.000E+00	-3.665E+03	-2.267E+04	-9.208E-06	-3.437E-07
213	4	51.75	15	4.672E+01	-8.760E+02	7.082E+01	0.000E+00	-3.665E+03	-2.267E+04	-9.208E-06	-3.437E-07
213	4	51.75	16	4.311E+01	-8.760E+02	7.082E+01	0.000E+00	-3.665E+03	-2.267E+04	-9.208E-06	-3.437E-07
213	5	69.00	1	-4.311E+01	-1.168E+03	-7.082E+01	0.000E+00	4.887E+03	-4.030E+04	7.460E-15	2.873E-14
213	5	69.00	2	-4.672E+01	-1.168E+03	-7.082E+01	0.000E+00	4.887E+03	-4.030E+04	7.460E-15	2.873E-14
213	5	69.00	3	4.672E+01	-1.168E+03	-7.082E+01	0.000E+00	4.887E+03	-4.030E+04	7.460E-15	2.873E-14
213	5	69.00	4	4.311E+01	-1.168E+03	-7.082E+01	0.000E+00	4.887E+03	-4.030E+04	7.460E-15	2.873E-14
213	5	69.00	5	-4.311E+01	-1.168E+03	-7.330E+01	0.000E+00	5.057E+03	-4.030E+04	7.460E-15	2.938E-14
213	5	69.00	6	-4.672E+01	-1.168E+03	-7.330E+01	0.000E+00	5.057E+03	-4.030E+04	7.460E-15	2.938E-14
213	5	69.00	7	4.672E+01	-1.168E+03	-7.330E+01	0.000E+00	5.057E+03	-4.030E+04	7.460E-15	2.938E-14
213	5	69.00	8	4.311E+01	-1.168E+03	-7.330E+01	0.000E+00	5.057E+03	-4.030E+04	7.460E-15	2.938E-14
213	5	69.00	9	-4.311E+01	-1.168E+03	7.330E+01	0.000E+00	-5.057E+03	-4.030E+04	7.460E-15	-2.938E-14
213	5	69.00	10	-4.672E+01	-1.168E+03	7.330E+01	0.000E+00	-5.057E+03	-4.030E+04	7.460E-15	-2.938E-14
213	5	69.00	11	4.672E+01	-1.168E+03	7.330E+01	0.000E+00	-5.057E+03	-4.030E+04	7.460E-15	-2.938E-14
213	5	69.00	12	4.311E+01	-1.168E+03	7.330E+01	0.000E+00	-5.057E+03	-4.030E+04	7.460E-15	-2.938E-14
213	5	69.00	13	-4.311E+01	-1.168E+03	7.082E+01	0.000E+00	-4.887E+03	-4.030E+04	7.460E-15	-2.873E-14
213	5	69.00	14	-4.672E+01	-1.168E+03	7.082E+01	0.000E+00	-4.887E+03	-4.030E+04	7.460E-15	-2.873E-14
213	5	69.00	15	4.672E+01	-1.168E+03	7.082E+01	0.000E+00	-4.887E+03	-4.030E+04	7.460E-15	-2.873E-14
213	5	69.00	16	4.311E+01	-1.168E+03	7.082E+01	0.000E+00	-4.887E+03	-4.030E+04	7.460E-15	-2.873E-14
214	1	0.00	1	-4.672E+01	-3.505E-10	-7.082E+01	0.000E+00	-4.836E-08	4.270E-08	0.000E+00	0.000E+00
214	1	0.00	2	-4.311E+01	-3.505E-10	-7.082E+01	0.000E+00	-4.841E-08	4.270E-08	0.000E+00	0.000E+00
214	1	0.00	3	4.311E+01	-3.898E-10	-7.082E+01	0.000E+00	-4.837E-08	5.052E-08	0.000E+00	0.000E+00
214	1	0.00	4	4.672E+01	-3.898E-10	-7.082E+01	0.000E+00	-4.842E-08	5.052E-08	0.000E+00	0.000E+00
214	1	0.00	5	-4.672E+01	-3.550E-10	-7.330E+01	0.000E+00	-4.951E-08	4.252E-08	0.000E+00	0.000E+00
214	1	0.00	6	-4.311E+01	-3.550E-10	-7.330E+01	0.000E+00	-4.956E-08	4.252E-08	0.000E+00	0.000E+00
214	1	0.00	7	4.311E+01	-3.943E-10	-7.330E+01	0.000E+00	-4.952E-08	5.034E-08	0.000E+00	0.000E+00
214	1	0.00	8	4.672E+01	-3.943E-10	-7.330E+01	0.000E+00	-4.957E-08	5.035E-08	0.000E+00	0.000E+00
214	1	0.00	9	-4.672E+01	2.972E-10	7.330E+01	0.000E+00	4.920E-08	7.714E-09	0.000E+00	0.000E+00
214	1	0.00	10	-4.311E+01	2.972E-10	7.330E+01	0.000E+00	4.916E-08	7.715E-09	0.000E+00	0.000E+00
214	1	0.00	11	4.311E+01	2.579E-10	7.330E+01	0.000E+00	4.919E-08	1.554E-08	0.000E+00	0.000E+00
214	1	0.00	12	4.672E+01	2.579E-10	7.330E+01	0.000E+00	4.915E-08	1.554E-08	0.000E+00	0.000E+00
214	1	0.00	13	-4.672E+01	2.927E-10	7.082E+01	0.000E+00	4.805E-08	7.539E-09	0.000E+00	0.000E+00
214	1	0.00	14	-4.311E+01	2.927E-10	7.082E+01	0.000E+00	4.801E-08	7.540E-09	0.000E+00	0.000E+00
214	1	0.00	15	4.311E+01	2.534E-10	7.082E+01	0.000E+00	4.804E-08	1.536E-08	0.000E+00	0.000E+00
214	1	0.00	16	4.672E+01	2.534E-10	7.082E+01	0.000E+00	4.800E-08	1.536E-08	0.000E+00	0.000E+00
214	2	17.25	1	-4.672E+01	-2.920E+02	-7.082E+01	0.000E+00	1.222E+03	-2.518E+03	-9.561E-06	2.455E-07
214	2	17.25	2	-4.311E+01	-2.920E+02	-7.082E+01	0.000E+00	1.222E+03	-2.518E+03	-9.561E-06	2.455E-07
214	2	17.25	3	4.311E+01	-2.920E+02	-7.082E+01	0.000E+00	1.222E+03	-2.518E+03	-9.561E-06	2.455E-07

214	2	17.25	4	4.672E+01	-2.920E+02	-7.082E+01	0.000E+00	1.222E+03	-2.518E+03	-9.561E-06	2.455E-07
214	2	17.25	5	-4.672E+01	-2.920E+02	-7.330E+01	0.000E+00	1.264E+03	-2.518E+03	-9.561E-06	2.541E-07
214	2	17.25	6	-4.311E+01	-2.920E+02	-7.330E+01	0.000E+00	1.264E+03	-2.518E+03	-9.561E-06	2.541E-07
214	2	17.25	7	4.311E+01	-2.920E+02	-7.330E+01	0.000E+00	1.264E+03	-2.518E+03	-9.561E-06	2.541E-07
214	2	17.25	8	4.672E+01	-2.920E+02	-7.330E+01	0.000E+00	1.264E+03	-2.518E+03	-9.561E-06	2.541E-07
214	2	17.25	9	-4.672E+01	-2.920E+02	7.330E+01	0.000E+00	-1.264E+03	-2.518E+03	-9.561E-06	-2.541E-07
214	2	17.25	10	-4.311E+01	-2.920E+02	7.330E+01	0.000E+00	-1.264E+03	-2.518E+03	-9.561E-06	-2.541E-07
214	2	17.25	11	4.311E+01	-2.920E+02	7.330E+01	0.000E+00	-1.264E+03	-2.518E+03	-9.561E-06	-2.541E-07
214	2	17.25	12	4.672E+01	-2.920E+02	7.330E+01	0.000E+00	-1.264E+03	-2.518E+03	-9.561E-06	-2.541E-07
214	2	17.25	13	-4.672E+01	-2.920E+02	7.082E+01	0.000E+00	-1.222E+03	-2.518E+03	-9.561E-06	-2.455E-07
214	2	17.25	14	-4.311E+01	-2.920E+02	7.082E+01	0.000E+00	-1.222E+03	-2.518E+03	-9.561E-06	-2.455E-07
214	2	17.25	15	4.311E+01	-2.920E+02	7.082E+01	0.000E+00	-1.222E+03	-2.518E+03	-9.561E-06	-2.455E-07
214	2	17.25	16	4.672E+01	-2.920E+02	7.082E+01	0.000E+00	-1.222E+03	-2.518E+03	-9.561E-06	-2.455E-07
214	3	34.50	1	-4.672E+01	-5.840E+02	-7.082E+01	0.000E+00	2.443E+03	-1.007E+04	-1.254E-05	3.928E-07
214	3	34.50	2	-4.311E+01	-5.840E+02	-7.082E+01	0.000E+00	2.443E+03	-1.007E+04	-1.254E-05	3.928E-07
214	3	34.50	3	4.311E+01	-5.840E+02	-7.082E+01	0.000E+00	2.443E+03	-1.007E+04	-1.254E-05	3.928E-07
214	3	34.50	4	4.672E+01	-5.840E+02	-7.082E+01	0.000E+00	2.443E+03	-1.007E+04	-1.254E-05	3.928E-07
214	3	34.50	5	-4.672E+01	-5.840E+02	-7.330E+01	0.000E+00	2.529E+03	-1.007E+04	-1.254E-05	4.065E-07
214	3	34.50	6	-4.311E+01	-5.840E+02	-7.330E+01	0.000E+00	2.529E+03	-1.007E+04	-1.254E-05	4.065E-07
214	3	34.50	7	4.311E+01	-5.840E+02	-7.330E+01	0.000E+00	2.529E+03	-1.007E+04	-1.254E-05	4.065E-07
214	3	34.50	8	4.672E+01	-5.840E+02	-7.330E+01	0.000E+00	2.529E+03	-1.007E+04	-1.254E-05	4.065E-07
214	3	34.50	9	-4.672E+01	-5.840E+02	7.330E+01	0.000E+00	-2.529E+03	-1.007E+04	-1.254E-05	-4.065E-07
214	3	34.50	10	-4.311E+01	-5.840E+02	7.330E+01	0.000E+00	-2.529E+03	-1.007E+04	-1.254E-05	-4.065E-07
214	3	34.50	11	4.311E+01	-5.840E+02	7.330E+01	0.000E+00	-2.529E+03	-1.007E+04	-1.254E-05	-4.065E-07
214	3	34.50	12	4.672E+01	-5.840E+02	7.330E+01	0.000E+00	-2.529E+03	-1.007E+04	-1.254E-05	-4.065E-07
214	3	34.50	13	-4.672E+01	-5.840E+02	7.082E+01	0.000E+00	-2.443E+03	-1.007E+04	-1.254E-05	-3.928E-07
214	3	34.50	14	-4.311E+01	-5.840E+02	7.082E+01	0.000E+00	-2.443E+03	-1.007E+04	-1.254E-05	-3.928E-07
214	3	34.50	15	4.311E+01	-5.840E+02	7.082E+01	0.000E+00	-2.443E+03	-1.007E+04	-1.254E-05	-3.928E-07
214	3	34.50	16	4.672E+01	-5.840E+02	7.082E+01	0.000E+00	-2.443E+03	-1.007E+04	-1.254E-05	-3.928E-07
214	4	51.75	1	-4.672E+01	-8.760E+02	-7.082E+01	0.000E+00	3.665E+03	-2.267E+04	-9.208E-06	3.437E-07
214	4	51.75	2	-4.311E+01	-8.760E+02	-7.082E+01	0.000E+00	3.665E+03	-2.267E+04	-9.208E-06	3.437E-07
214	4	51.75	3	4.311E+01	-8.760E+02	-7.082E+01	0.000E+00	3.665E+03	-2.267E+04	-9.208E-06	3.437E-07
214	4	51.75	4	4.672E+01	-8.760E+02	-7.082E+01	0.000E+00	3.665E+03	-2.267E+04	-9.208E-06	3.437E-07
214	4	51.75	5	-4.672E+01	-8.760E+02	-7.330E+01	0.000E+00	3.793E+03	-2.267E+04	-9.208E-06	3.557E-07
214	4	51.75	6	-4.311E+01	-8.760E+02	-7.330E+01	0.000E+00	3.793E+03	-2.267E+04	-9.208E-06	3.557E-07
214	4	51.75	7	4.311E+01	-8.760E+02	-7.330E+01	0.000E+00	3.793E+03	-2.267E+04	-9.208E-06	3.557E-07
214	4	51.75	8	4.672E+01	-8.760E+02	-7.330E+01	0.000E+00	3.793E+03	-2.267E+04	-9.208E-06	3.557E-07
214	4	51.75	9	-4.672E+01	-8.760E+02	7.330E+01	0.000E+00	-3.793E+03	-2.267E+04	-9.208E-06	-3.557E-07
214	4	51.75	10	-4.311E+01	-8.760E+02	7.330E+01	0.000E+00	-3.793E+03	-2.267E+04	-9.208E-06	-3.557E-07
214	4	51.75	11	4.311E+01	-8.760E+02	7.330E+01	0.000E+00	-3.793E+03	-2.267E+04	-9.208E-06	-3.557E-07
214	4	51.75	12	4.672E+01	-8.760E+02	7.330E+01	0.000E+00	-3.793E+03	-2.267E+04	-9.208E-06	-3.557E-07
214	4	51.75	13	-4.672E+01	-8.760E+02	7.082E+01	0.000E+00	-3.665E+03	-2.267E+04	-9.208E-06	-3.437E-07
214	4	51.75	14	-4.311E+01	-8.760E+02	7.082E+01	0.000E+00	-3.665E+03	-2.267E+04	-9.208E-06	-3.437E-07
214	4	51.75	15	4.311E+01	-8.760E+02	7.082E+01	0.000E+00	-3.665E+03	-2.267E+04	-9.208E-06	-3.437E-07
214	4	51.75	16	4.672E+01	-8.760E+02	7.082E+01	0.000E+00	-3.665E+03	-2.267E+04	-9.208E-06	-3.437E-07
214	5	69.00	1	-4.672E+01	-1.168E+03	-7.082E+01	0.000E+00	4.887E+03	-4.030E+04	7.463E-15	2.873E-14
214	5	69.00	2	-4.311E+01	-1.168E+03	-7.082E+01	0.000E+00	4.887E+03	-4.030E+04	7.463E-15	2.873E-14
214	5	69.00	3	4.311E+01	-1.168E+03	-7.082E+01	0.000E+00	4.887E+03	-4.030E+04	7.463E-15	2.873E-14
214	5	69.00	4	4.672E+01	-1.168E+03	-7.082E+01	0.000E+00	4.887E+03	-4.030E+04	7.463E-15	2.873E-14
214	5	69.00	5	-4.672E+01	-1.168E+03	-7.330E+01	0.000E+00	5.057E+03	-4.030E+04	7.463E-15	2.939E-14
214	5	69.00	6	-4.311E+01	-1.168E+03	-7.330E+01	0.000E+00	5.057E+03	-4.030E+04	7.463E-15	2.939E-14
214	5	69.00	7	4.311E+01	-1.168E+03	-7.330E+01	0.000E+00	5.057E+03	-4.030E+04	7.463E-15	2.939E-14
214	5	69.00	8	4.672E+01	-1.168E+03	-7.330E+01	0.000E+00	5.057E+03	-4.030E+04	7.463E-15	2.939E-14
214	5	69.00	9	-4.672E+01	-1.168E+03	7.330E+01	0.000E+00	-5.057E+03	-4.030E+04	7.463E-15	-2.939E-14
214	5	69.00	10	-4.311E+01	-1.168E+03	7.330E+01	0.000E+00	-5.057E+03	-4.030E+04	7.463E-15	-2.939E-14
214	5	69.00	11	4.311E+01	-1.168E+03	7.330E+01	0.000E+00	-5.057E+03	-4.030E+04	7.463E-15	-2.939E-14
214	5	69.00	12	4.672E+01	-1.168E+03	7.330E+01	0.000E+00	-5.057E+03	-4.030E+04	7.463E-15	-2.939E-14
214	5	69.00	13	-4.672E+01	-1.168E+03	7.082E+01	0.000E+00	-4.887E+03	-4.030E+04	7.463E-15	-2.873E-14
214	5	69.00	14	-4.311E+01	-1.168E+03	7.082E+01	0.000E+00	-4.887E+03	-4.030E+04	7.463E-15	-2.873E-14
214	5	69.00	15	4.311E+01	-1.168E+03	7.082E+01	0.000E+00	-4.887E+03	-4.030E+04	7.463E-15	-2.873E-14
214	5	69.00	16	4.672E+01	-1.168E+03	7.082E+01	0.000E+00	-4.887E+03	-4.030E+04	7.463E-15	-2.873E-14
215	1	0.00	1	7.477E+03	4.321E+04	7.639E+03	5.069E-02	1.004E+06	-8.744E+04	0.000E+00	0.000E+00

215	1	0.00	2	7.610E+03	4.321E+04	7.603E+03	5.068E-02	9.818E+05	-8.745E+04	0.000E+00	0.000E+00
215	1	0.00	3	-5.460E+03	4.320E+04	7.704E+03	5.069E-02	1.005E+06	-8.744E+04	0.000E+00	0.000E+00
215	1	0.00	4	-5.327E+03	4.320E+04	7.669E+03	5.068E-02	9.823E+05	-8.745E+04	0.000E+00	0.000E+00
215	1	0.00	5	7.485E+03	4.321E+04	7.767E+03	4.781E-02	1.024E+06	-8.959E+04	0.000E+00	0.000E+00
215	1	0.00	6	7.618E+03	4.321E+04	7.732E+03	4.781E-02	1.002E+06	-8.959E+04	0.000E+00	0.000E+00
215	1	0.00	7	-5.452E+03	4.320E+04	7.833E+03	4.781E-02	1.025E+06	-8.959E+04	0.000E+00	0.000E+00
215	1	0.00	8	-5.319E+03	4.320E+04	7.798E+03	4.781E-02	1.002E+06	-8.959E+04	0.000E+00	0.000E+00
215	1	0.00	9	-4.291E+02	4.305E+04	-5.920E+03	1.798E-01	-9.877E+05	9.002E+03	0.000E+00	0.000E+00
215	1	0.00	10	-2.965E+02	4.305E+04	-5.956E+03	1.798E-01	-1.010E+06	8.996E+03	0.000E+00	0.000E+00
215	1	0.00	11	-1.337E+04	4.304E+04	-5.855E+03	1.798E-01	-9.871E+05	9.002E+03	0.000E+00	0.000E+00
215	1	0.00	12	-1.323E+04	4.304E+04	-5.890E+03	1.798E-01	-1.010E+06	8.996E+03	0.000E+00	0.000E+00
215	1	0.00	13	-4.211E+02	4.305E+04	-5.792E+03	1.769E-01	-9.678E+05	6.859E+03	0.000E+00	0.000E+00
215	1	0.00	14	-2.884E+02	4.305E+04	-5.827E+03	1.769E-01	-9.903E+05	6.853E+03	0.000E+00	0.000E+00
215	1	0.00	15	-1.336E+04	4.305E+04	-5.726E+03	1.769E-01	-9.672E+05	6.859E+03	0.000E+00	0.000E+00
215	1	0.00	16	-1.323E+04	4.305E+04	-5.761E+03	1.769E-01	-9.898E+05	6.853E+03	0.000E+00	0.000E+00
215	2	45.25	1	7.478E+03	4.244E+04	7.639E+03	5.069E-02	6.758E+05	1.850E+06	-1.192E-03	3.881E-04
215	2	45.25	2	7.611E+03	4.244E+04	7.603E+03	5.068E-02	6.549E+05	1.850E+06	-1.192E-03	3.716E-04
215	2	45.25	3	-5.459E+03	4.243E+04	7.704E+03	5.069E-02	6.734E+05	1.850E+06	-1.192E-03	3.844E-04
215	2	45.25	4	-5.326E+03	4.243E+04	7.669E+03	5.068E-02	6.524E+05	1.850E+06	-1.192E-03	3.679E-04
215	2	45.25	5	7.486E+03	4.244E+04	7.767E+03	4.781E-02	6.899E+05	1.848E+06	-1.192E-03	3.965E-04
215	2	45.25	6	7.619E+03	4.244E+04	7.732E+03	4.781E-02	6.690E+05	1.848E+06	-1.192E-03	3.800E-04
215	2	45.25	7	-5.451E+03	4.244E+04	7.833E+03	4.781E-02	6.874E+05	1.848E+06	-1.192E-03	3.928E-04
215	2	45.25	8	-5.318E+03	4.244E+04	7.798E+03	4.781E-02	6.665E+05	1.848E+06	-1.192E-03	3.763E-04
215	2	45.25	9	-4.283E+02	4.228E+04	-5.920E+03	1.798E-01	-7.369E+05	1.940E+06	-1.223E-03	-4.818E-04
215	2	45.25	10	-2.956E+02	4.228E+04	-5.956E+03	1.798E-01	-7.578E+05	1.940E+06	-1.223E-03	-4.982E-04
215	2	45.25	11	-1.337E+04	4.228E+04	-5.855E+03	1.798E-01	-7.394E+05	1.939E+06	-1.223E-03	-4.855E-04
215	2	45.25	12	-1.323E+04	4.228E+04	-5.890E+03	1.798E-01	-7.603E+05	1.939E+06	-1.223E-03	-5.019E-04
215	2	45.25	13	-4.203E+02	4.229E+04	-5.792E+03	1.769E-01	-7.228E+05	1.938E+06	-1.222E-03	-4.733E-04
215	2	45.25	14	-2.876E+02	4.229E+04	-5.827E+03	1.769E-01	-7.438E+05	1.938E+06	-1.222E-03	-4.898E-04
215	2	45.25	15	-1.336E+04	4.228E+04	-5.726E+03	1.769E-01	-7.253E+05	1.937E+06	-1.222E-03	-4.770E-04
215	2	45.25	16	-1.322E+04	4.228E+04	-5.761E+03	1.769E-01	-7.462E+05	1.937E+06	-1.222E-03	-4.935E-04
215	3	90.50	1	7.479E+03	4.167E+04	7.639E+03	5.069E-02	3.712E+05	3.753E+06	-1.894E-03	4.106E-04
215	3	90.50	2	7.612E+03	4.167E+04	7.603E+03	5.068E-02	3.519E+05	3.753E+06	-1.894E-03	3.892E-04
215	3	90.50	3	-5.458E+03	4.167E+04	7.704E+03	5.069E-02	3.658E+05	3.753E+06	-1.894E-03	4.046E-04
215	3	90.50	4	-5.325E+03	4.167E+04	7.669E+03	5.068E-02	3.464E+05	3.753E+06	-1.894E-03	3.832E-04
215	3	90.50	5	7.487E+03	4.168E+04	7.767E+03	4.781E-02	3.794E+05	3.752E+06	-1.893E-03	4.197E-04
215	3	90.50	6	7.620E+03	4.168E+04	7.732E+03	4.781E-02	3.601E+05	3.752E+06	-1.893E-03	3.983E-04
215	3	90.50	7	-5.450E+03	4.167E+04	7.833E+03	4.781E-02	3.740E+05	3.751E+06	-1.893E-03	4.137E-04
215	3	90.50	8	-5.317E+03	4.167E+04	7.798E+03	4.781E-02	3.547E+05	3.751E+06	-1.893E-03	3.923E-04
215	3	90.50	9	-4.274E+02	4.152E+04	-5.920E+03	1.798E-01	-5.100E+05	3.836E+06	-1.934E-03	-5.642E-04
215	3	90.50	10	-2.948E+02	4.152E+04	-5.956E+03	1.798E-01	-5.294E+05	3.836E+06	-1.934E-03	-5.856E-04
215	3	90.50	11	-1.336E+04	4.151E+04	-5.855E+03	1.798E-01	-5.155E+05	3.835E+06	-1.933E-03	-5.702E-04
215	3	90.50	12	-1.323E+04	4.151E+04	-5.890E+03	1.798E-01	-5.348E+05	3.835E+06	-1.933E-03	-5.916E-04
215	3	90.50	13	-4.194E+02	4.152E+04	-5.792E+03	1.769E-01	-5.018E+05	3.834E+06	-1.933E-03	-5.551E-04
215	3	90.50	14	-2.867E+02	4.152E+04	-5.827E+03	1.769E-01	-5.211E+05	3.834E+06	-1.933E-03	-5.765E-04
215	3	90.50	15	-1.336E+04	4.151E+04	-5.726E+03	1.769E-01	-5.072E+05	3.833E+06	-1.932E-03	-5.611E-04
215	3	90.50	16	-1.322E+04	4.151E+04	-5.761E+03	1.769E-01	-5.266E+05	3.833E+06	-1.932E-03	-5.825E-04
215	4	135.75	1	7.480E+03	4.091E+04	7.639E+03	5.069E-02	-3.868E+05	5.622E+06	-1.647E-03	2.358E-04
215	4	135.75	2	7.613E+03	4.091E+04	7.603E+03	5.068E-02	-4.045E+05	5.622E+06	-1.647E-03	2.201E-04
215	4	135.75	3	-5.457E+03	4.090E+04	7.704E+03	5.069E-02	-3.952E+05	5.621E+06	-1.646E-03	2.304E-04
215	4	135.75	4	-5.325E+03	4.090E+04	7.669E+03	5.068E-02	-4.129E+05	5.621E+06	-1.646E-03	2.148E-04
215	4	135.75	5	7.488E+03	4.091E+04	7.767E+03	4.781E-02	-3.843E+05	5.620E+06	-1.646E-03	2.410E-04
215	4	135.75	6	7.621E+03	4.091E+04	7.732E+03	4.781E-02	-4.021E+05	5.620E+06	-1.646E-03	2.254E-04
215	4	135.75	7	-5.449E+03	4.090E+04	7.833E+03	4.781E-02	-3.928E+05	5.619E+06	-1.646E-03	2.356E-04
215	4	135.75	8	-5.316E+03	4.090E+04	7.798E+03	4.781E-02	-4.105E+05	5.619E+06	-1.646E-03	2.200E-04
215	4	135.75	9	-4.266E+02	4.075E+04	-5.920E+03	1.798E-01	1.702E+05	5.697E+06	-1.675E-03	-3.724E-04
215	4	135.75	10	-2.939E+02	4.075E+04	-5.956E+03	1.798E-01	1.524E+05	5.697E+06	-1.675E-03	-3.880E-04
215	4	135.75	11	-1.336E+04	4.074E+04	-5.855E+03	1.798E-01	1.618E+05	5.696E+06	-1.675E-03	-3.778E-04
215	4	135.75	12	-1.323E+04	4.074E+04	-5.890E+03	1.798E-01	1.440E+05	5.696E+06	-1.675E-03	-3.934E-04
215	4	135.75	13	-4.186E+02	4.076E+04	-5.792E+03	1.769E-01	1.726E+05	5.695E+06	-1.675E-03	-3.672E-04
215	4	135.75	14	-2.859E+02	4.076E+04	-5.827E+03	1.769E-01	1.548E+05	5.695E+06	-1.675E-03	-3.828E-04
215	4	135.75	15	-1.336E+04	4.075E+04	-5.726E+03	1.769E-01	1.642E+05	5.694E+06	-1.674E-03	-3.726E-04

215	4	135.75	16	-1.322E+04	4.075E+04	-5.761E+03	1.769E-01	1.464E+05	5.694E+06	-1.674E-03	-3.882E-04
215	5	181.00	1	7.481E+03	4.014E+04	7.639E+03	5.069E-02	-5.334E+05	7.456E+06	-2.443E-11	1.228E-10
215	5	181.00	2	7.614E+03	4.014E+04	7.603E+03	5.068E-02	-5.495E+05	7.456E+06	-2.443E-11	1.268E-10
215	5	181.00	3	-5.456E+03	4.013E+04	7.704E+03	5.069E-02	-5.448E+05	7.454E+06	-2.445E-11	1.235E-10
215	5	181.00	4	-5.324E+03	4.014E+04	7.669E+03	5.068E-02	-5.609E+05	7.454E+06	-2.445E-11	1.275E-10
215	5	181.00	5	7.489E+03	4.015E+04	7.767E+03	4.781E-02	-5.368E+05	7.454E+06	-2.443E-11	1.174E-10
215	5	181.00	6	7.622E+03	4.015E+04	7.732E+03	4.781E-02	-5.530E+05	7.454E+06	-2.443E-11	1.214E-10
215	5	181.00	7	-5.448E+03	4.014E+04	7.833E+03	4.781E-02	-5.482E+05	7.453E+06	-2.445E-11	1.181E-10
215	5	181.00	8	-5.316E+03	4.014E+04	7.798E+03	4.781E-02	-5.644E+05	7.453E+06	-2.445E-11	1.221E-10
215	5	181.00	9	-4.258E+02	3.999E+04	-5.920E+03	1.798E-01	2.391E+05	7.524E+06	-1.724E-11	-1.183E-10
215	5	181.00	10	-2.931E+02	3.999E+04	-5.956E+03	1.798E-01	2.229E+05	7.524E+06	-1.724E-11	-1.144E-10
215	5	181.00	11	-1.336E+04	3.998E+04	-5.855E+03	1.798E-01	2.277E+05	7.522E+06	-1.725E-11	-1.176E-10
215	5	181.00	12	-1.323E+04	3.998E+04	-5.890E+03	1.798E-01	2.115E+05	7.522E+06	-1.725E-11	-1.136E-10
215	5	181.00	13	-4.177E+02	3.999E+04	-5.792E+03	1.769E-01	2.356E+05	7.522E+06	-1.723E-11	-1.237E-10
215	5	181.00	14	-2.850E+02	3.999E+04	-5.827E+03	1.769E-01	2.195E+05	7.522E+06	-1.723E-11	-1.197E-10
215	5	181.00	15	-1.335E+04	3.998E+04	-5.726E+03	1.769E-01	2.242E+05	7.521E+06	-1.725E-11	-1.230E-10
215	5	181.00	16	-1.322E+04	3.998E+04	-5.761E+03	1.769E-01	2.081E+05	7.521E+06	-1.725E-11	-1.190E-10
216	1	0.00	1	-2.884E+02	4.305E+04	5.827E+03	-1.769E-01	9.903E+05	6.853E+03	0.000E+00	0.000E+00
216	1	0.00	2	-4.211E+02	4.305E+04	5.792E+03	-1.769E-01	9.678E+05	6.859E+03	0.000E+00	0.000E+00
216	1	0.00	3	-1.323E+04	4.305E+04	5.761E+03	-1.769E-01	9.898E+05	6.853E+03	0.000E+00	0.000E+00
216	1	0.00	4	-1.336E+04	4.305E+04	5.726E+03	-1.769E-01	9.672E+05	6.859E+03	0.000E+00	0.000E+00
216	1	0.00	5	-2.965E+02	4.305E+04	5.956E+03	-1.798E-01	1.010E+06	8.996E+03	0.000E+00	0.000E+00
216	1	0.00	6	-4.291E+02	4.305E+04	5.920E+03	-1.798E-01	9.877E+05	9.002E+03	0.000E+00	0.000E+00
216	1	0.00	7	-1.323E+04	4.304E+04	5.890E+03	-1.798E-01	1.010E+06	8.996E+03	0.000E+00	0.000E+00
216	1	0.00	8	-1.337E+04	4.304E+04	5.855E+03	-1.798E-01	9.871E+05	9.002E+03	0.000E+00	0.000E+00
216	1	0.00	9	7.618E+03	4.321E+04	-7.732E+03	-4.781E-02	-1.002E+06	-8.959E+04	0.000E+00	0.000E+00
216	1	0.00	10	7.485E+03	4.321E+04	-7.767E+03	-4.781E-02	-1.024E+06	-8.959E+04	0.000E+00	0.000E+00
216	1	0.00	11	-5.319E+03	4.320E+04	-7.798E+03	-4.781E-02	-1.002E+06	-8.959E+04	0.000E+00	0.000E+00
216	1	0.00	12	-5.452E+03	4.320E+04	-7.833E+03	-4.781E-02	-1.025E+06	-8.959E+04	0.000E+00	0.000E+00
216	1	0.00	13	7.610E+03	4.321E+04	-7.603E+03	-5.068E-02	-9.818E+05	-8.745E+04	0.000E+00	0.000E+00
216	1	0.00	14	7.477E+03	4.321E+04	-7.639E+03	-5.069E-02	-1.004E+06	-8.744E+04	0.000E+00	0.000E+00
216	1	0.00	15	-5.327E+03	4.320E+04	-7.669E+03	-5.068E-02	-9.823E+05	-8.745E+04	0.000E+00	0.000E+00
216	1	0.00	16	-5.460E+03	4.320E+04	-7.704E+03	-5.069E-02	-1.005E+06	-8.744E+04	0.000E+00	0.000E+00
216	2	45.25	1	-2.876E+02	4.229E+04	5.827E+03	-1.769E-01	7.438E+05	1.938E+06	-1.222E-03	4.898E-04
216	2	45.25	2	-4.203E+02	4.229E+04	5.792E+03	-1.769E-01	7.228E+05	1.938E+06	-1.222E-03	4.733E-04
216	2	45.25	3	-1.322E+04	4.228E+04	5.761E+03	-1.769E-01	7.462E+05	1.937E+06	-1.222E-03	4.935E-04
216	2	45.25	4	-1.336E+04	4.228E+04	5.726E+03	-1.769E-01	7.253E+05	1.937E+06	-1.222E-03	4.770E-04
216	2	45.25	5	-2.956E+02	4.228E+04	5.956E+03	-1.798E-01	7.578E+05	1.940E+06	-1.223E-03	4.982E-04
216	2	45.25	6	-4.283E+02	4.228E+04	5.920E+03	-1.798E-01	7.369E+05	1.940E+06	-1.223E-03	4.818E-04
216	2	45.25	7	-1.323E+04	4.228E+04	5.890E+03	-1.798E-01	7.603E+05	1.939E+06	-1.223E-03	5.019E-04
216	2	45.25	8	-1.337E+04	4.228E+04	5.855E+03	-1.798E-01	7.394E+05	1.939E+06	-1.223E-03	4.855E-04
216	2	45.25	9	7.619E+03	4.244E+04	-7.732E+03	-4.781E-02	-6.690E+05	1.848E+06	-1.192E-03	-3.800E-04
216	2	45.25	10	7.486E+03	4.244E+04	-7.767E+03	-4.781E-02	-6.899E+05	1.848E+06	-1.192E-03	-3.965E-04
216	2	45.25	11	-5.318E+03	4.244E+04	-7.798E+03	-4.781E-02	-6.665E+05	1.848E+06	-1.192E-03	-3.763E-04
216	2	45.25	12	-5.451E+03	4.244E+04	-7.833E+03	-4.781E-02	-6.874E+05	1.848E+06	-1.192E-03	-3.928E-04
216	2	45.25	13	7.611E+03	4.244E+04	-7.603E+03	-5.068E-02	-6.549E+05	1.850E+06	-1.192E-03	-3.716E-04
216	2	45.25	14	7.478E+03	4.244E+04	-7.639E+03	-5.069E-02	-6.758E+05	1.850E+06	-1.192E-03	-3.881E-04
216	2	45.25	15	-5.326E+03	4.243E+04	-7.669E+03	-5.068E-02	-6.524E+05	1.850E+06	-1.192E-03	-3.679E-04
216	2	45.25	16	-5.459E+03	4.243E+04	-7.704E+03	-5.069E-02	-6.734E+05	1.850E+06	-1.192E-03	-3.844E-04
216	3	90.50	1	-2.867E+02	4.152E+04	5.827E+03	-1.769E-01	5.211E+05	3.834E+06	-1.933E-03	5.765E-04
216	3	90.50	2	-4.194E+02	4.152E+04	5.792E+03	-1.769E-01	5.018E+05	3.834E+06	-1.933E-03	5.551E-04
216	3	90.50	3	-1.322E+04	4.151E+04	5.761E+03	-1.769E-01	5.266E+05	3.833E+06	-1.932E-03	5.825E-04
216	3	90.50	4	-1.336E+04	4.151E+04	5.726E+03	-1.769E-01	5.072E+05	3.833E+06	-1.932E-03	5.611E-04
216	3	90.50	5	-2.948E+02	4.152E+04	5.956E+03	-1.798E-01	5.294E+05	3.836E+06	-1.934E-03	5.856E-04
216	3	90.50	6	-4.274E+02	4.152E+04	5.920E+03	-1.798E-01	5.100E+05	3.836E+06	-1.934E-03	5.642E-04
216	3	90.50	7	-1.323E+04	4.151E+04	5.890E+03	-1.798E-01	5.348E+05	3.835E+06	-1.933E-03	5.916E-04
216	3	90.50	8	-1.336E+04	4.151E+04	5.855E+03	-1.798E-01	5.155E+05	3.835E+06	-1.933E-03	5.702E-04
216	3	90.50	9	7.620E+03	4.168E+04	-7.732E+03	-4.781E-02	-3.601E+05	3.752E+06	-1.893E-03	-3.983E-04
216	3	90.50	10	7.487E+03	4.168E+04	-7.767E+03	-4.781E-02	-3.794E+05	3.752E+06	-1.893E-03	-4.197E-04
216	3	90.50	11	-5.317E+03	4.167E+04	-7.798E+03	-4.781E-02	-3.547E+05	3.751E+06	-1.893E-03	-3.923E-04
216	3	90.50	12	-5.450E+03	4.167E+04	-7.833E+03	-4.781E-02	-3.740E+05	3.751E+06	-1.893E-03	-4.137E-04
216	3	90.50	13	7.612E+03	4.167E+04	-7.603E+03	-5.068E-02	-3.519E+05	3.753E+06	-1.894E-03	-3.892E-04

216	3	90.50	14	7.479E+03	4.167E+04	-7.639E+03	-5.069E-02	-3.712E+05	3.753E+06	-1.894E-03	-4.106E-04
216	3	90.50	15	-5.325E+03	4.167E+04	-7.669E+03	-5.068E-02	-3.464E+05	3.753E+06	-1.894E-03	-3.832E-04
216	3	90.50	16	-5.458E+03	4.167E+04	-7.704E+03	-5.069E-02	-3.658E+05	3.753E+06	-1.894E-03	-4.046E-04
216	4	135.75	1	-2.859E+02	4.076E+04	5.827E+03	-1.769E-01	-1.548E+05	5.695E+06	-1.675E-03	3.828E-04
216	4	135.75	2	-4.186E+02	4.076E+04	5.792E+03	-1.769E-01	-1.726E+05	5.695E+06	-1.675E-03	3.672E-04
216	4	135.75	3	-1.322E+04	4.075E+04	5.761E+03	-1.769E-01	-1.464E+05	5.694E+06	-1.674E-03	3.882E-04
216	4	135.75	4	-1.336E+04	4.075E+04	5.726E+03	-1.769E-01	-1.642E+05	5.694E+06	-1.674E-03	3.726E-04
216	4	135.75	5	-2.939E+02	4.075E+04	5.956E+03	-1.798E-01	-1.524E+05	5.697E+06	-1.675E-03	3.880E-04
216	4	135.75	6	-4.266E+02	4.075E+04	5.920E+03	-1.798E-01	-1.702E+05	5.697E+06	-1.675E-03	3.724E-04
216	4	135.75	7	-1.323E+04	4.074E+04	5.890E+03	-1.798E-01	-1.440E+05	5.696E+06	-1.675E-03	3.934E-04
216	4	135.75	8	-1.336E+04	4.074E+04	5.855E+03	-1.798E-01	-1.618E+05	5.696E+06	-1.675E-03	3.778E-04
216	4	135.75	9	7.621E+03	4.091E+04	-7.732E+03	-4.781E-02	4.021E+05	5.620E+06	-1.646E-03	-2.254E-04
216	4	135.75	10	7.488E+03	4.091E+04	-7.767E+03	-4.781E-02	3.843E+05	5.620E+06	-1.646E-03	-2.410E-04
216	4	135.75	11	-5.316E+03	4.090E+04	-7.798E+03	-4.781E-02	4.105E+05	5.619E+06	-1.646E-03	-2.200E-04
216	4	135.75	12	-5.449E+03	4.090E+04	-7.833E+03	-4.781E-02	3.928E+05	5.619E+06	-1.646E-03	-2.356E-04
216	4	135.75	13	7.613E+03	4.091E+04	-7.603E+03	-5.068E-02	4.045E+05	5.622E+06	-1.647E-03	-2.201E-04
216	4	135.75	14	7.480E+03	4.091E+04	-7.639E+03	-5.069E-02	3.868E+05	5.622E+06	-1.647E-03	-2.358E-04
216	4	135.75	15	-5.325E+03	4.090E+04	-7.669E+03	-5.068E-02	4.129E+05	5.621E+06	-1.646E-03	-2.148E-04
216	4	135.75	16	-5.457E+03	4.090E+04	-7.704E+03	-5.069E-02	3.952E+05	5.621E+06	-1.646E-03	-2.304E-04
216	5	181.00	1	-2.850E+02	3.999E+04	5.827E+03	-1.769E-01	-2.195E+05	7.522E+06	-1.723E-11	1.197E-10
216	5	181.00	2	-4.177E+02	3.999E+04	5.792E+03	-1.769E-01	-2.356E+05	7.522E+06	-1.723E-11	1.237E-10
216	5	181.00	3	-1.322E+04	3.998E+04	5.761E+03	-1.769E-01	-2.081E+05	7.521E+06	-1.725E-11	1.190E-10
216	5	181.00	4	-1.335E+04	3.998E+04	5.726E+03	-1.769E-01	-2.242E+05	7.521E+06	-1.725E-11	1.230E-10
216	5	181.00	5	-2.931E+02	3.999E+04	5.956E+03	-1.798E-01	-2.229E+05	7.524E+06	-1.724E-11	1.144E-10
216	5	181.00	6	-4.258E+02	3.999E+04	5.920E+03	-1.798E-01	-2.391E+05	7.524E+06	-1.724E-11	1.183E-10
216	5	181.00	7	-1.323E+04	3.998E+04	5.890E+03	-1.798E-01	-2.115E+05	7.522E+06	-1.725E-11	1.136E-10
216	5	181.00	8	-1.336E+04	3.998E+04	5.855E+03	-1.798E-01	-2.277E+05	7.522E+06	-1.725E-11	1.176E-10
216	5	181.00	9	7.622E+03	4.015E+04	-7.732E+03	-4.781E-02	5.530E+05	7.454E+06	-2.443E-11	-1.214E-10
216	5	181.00	10	7.489E+03	4.015E+04	-7.767E+03	-4.781E-02	5.368E+05	7.454E+06	-2.443E-11	-1.174E-10
216	5	181.00	11	-5.316E+03	4.014E+04	-7.798E+03	-4.781E-02	5.644E+05	7.453E+06	-2.444E-11	-1.221E-10
216	5	181.00	12	-5.448E+03	4.014E+04	-7.833E+03	-4.781E-02	5.482E+05	7.453E+06	-2.445E-11	-1.181E-10
216	5	181.00	13	7.614E+03	4.014E+04	-7.603E+03	-5.068E-02	5.495E+05	7.456E+06	-2.443E-11	-1.267E-10
216	5	181.00	14	7.481E+03	4.014E+04	-7.639E+03	-5.069E-02	5.334E+05	7.456E+06	-2.443E-11	-1.228E-10
216	5	181.00	15	-5.324E+03	4.014E+04	-7.669E+03	-5.068E-02	5.609E+05	7.454E+06	-2.445E-11	-1.275E-10
216	5	181.00	16	-5.456E+03	4.013E+04	-7.704E+03	-5.069E-02	5.448E+05	7.454E+06	-2.445E-11	-1.235E-10
217	1	0.00	1	6.622E+03	3.276E+04	4.665E+03	-4.547E-02	-5.093E+05	7.438E+06	0.000E+00	0.000E+00
217	1	0.00	2	6.720E+03	3.276E+04	4.630E+03	-4.547E-02	-5.326E+05	7.438E+06	0.000E+00	0.000E+00
217	1	0.00	3	-4.276E+03	3.276E+04	4.640E+03	-4.547E-02	-5.206E+05	7.436E+06	0.000E+00	0.000E+00
217	1	0.00	4	-4.178E+03	3.276E+04	4.605E+03	-4.547E-02	-5.439E+05	7.436E+06	0.000E+00	0.000E+00
217	1	0.00	5	6.591E+03	3.277E+04	4.743E+03	-4.839E-02	-5.067E+05	7.435E+06	0.000E+00	0.000E+00
217	1	0.00	6	6.689E+03	3.277E+04	4.708E+03	-4.840E-02	-5.300E+05	7.435E+06	0.000E+00	0.000E+00
217	1	0.00	7	-4.307E+03	3.276E+04	4.718E+03	-4.839E-02	-5.180E+05	7.434E+06	0.000E+00	0.000E+00
217	1	0.00	8	-4.209E+03	3.276E+04	4.683E+03	-4.840E-02	-5.413E+05	7.434E+06	0.000E+00	0.000E+00
217	1	0.00	9	-1.508E+03	3.261E+04	-5.399E+03	8.613E-02	2.188E+05	7.542E+06	0.000E+00	0.000E+00
217	1	0.00	10	-1.410E+03	3.261E+04	-5.434E+03	8.613E-02	1.955E+05	7.542E+06	0.000E+00	0.000E+00
217	1	0.00	11	-1.241E+04	3.260E+04	-5.424E+03	8.613E-02	2.075E+05	7.541E+06	0.000E+00	0.000E+00
217	1	0.00	12	-1.231E+04	3.260E+04	-5.459E+03	8.613E-02	1.842E+05	7.541E+06	0.000E+00	0.000E+00
217	1	0.00	13	-1.539E+03	3.261E+04	-5.321E+03	8.321E-02	2.213E+05	7.540E+06	0.000E+00	0.000E+00
217	1	0.00	14	-1.441E+03	3.261E+04	-5.356E+03	8.321E-02	1.981E+05	7.540E+06	0.000E+00	0.000E+00
217	1	0.00	15	-1.244E+04	3.261E+04	-5.346E+03	8.321E-02	2.100E+05	7.539E+06	0.000E+00	0.000E+00
217	1	0.00	16	-1.234E+04	3.261E+04	-5.381E+03	8.320E-02	1.868E+05	7.539E+06	0.000E+00	0.000E+00
217	2	127.25	1	6.624E+03	3.061E+04	4.665E+03	-4.547E-02	-7.868E+05	1.147E+07	-4.027E-02	-7.498E-03
217	2	127.25	2	6.722E+03	3.061E+04	4.630E+03	-4.547E-02	-8.056E+05	1.147E+07	-4.027E-02	-7.602E-03
217	2	127.25	3	-4.274E+03	3.061E+04	4.640E+03	-4.547E-02	-7.949E+05	1.147E+07	-4.026E-02	-7.537E-03
217	2	127.25	4	-4.176E+03	3.061E+04	4.605E+03	-4.547E-02	-8.137E+05	1.147E+07	-4.026E-02	-7.641E-03
217	2	127.25	5	6.593E+03	3.061E+04	4.743E+03	-4.839E-02	-7.941E+05	1.147E+07	-4.026E-02	-7.590E-03
217	2	127.25	6	6.691E+03	3.061E+04	4.708E+03	-4.840E-02	-8.129E+05	1.147E+07	-4.026E-02	-7.694E-03
217	2	127.25	7	-4.305E+03	3.061E+04	4.718E+03	-4.839E-02	-8.022E+05	1.147E+07	-4.026E-02	-7.629E-03
217	2	127.25	8	-4.207E+03	3.061E+04	4.683E+03	-4.840E-02	-8.210E+05	1.147E+07	-4.026E-02	-7.733E-03
217	2	127.25	9	-1.505E+03	3.045E+04	-5.399E+03	8.613E-02	5.896E+05	1.155E+07	-4.047E-02	6.613E-03
217	2	127.25	10	-1.407E+03	3.045E+04	-5.434E+03	8.613E-02	5.708E+05	1.155E+07	-4.047E-02	6.509E-03
217	2	127.25	11	-1.240E+04	3.045E+04	-5.424E+03	8.613E-02	5.815E+05	1.155E+07	-4.046E-02	6.574E-03

217	2	127.25	12	-1.231E+04	3.045E+04	-5.459E+03	8.613E-02	5.627E+05	1.155E+07	-4.046E-02	6.470E-03
217	2	127.25	13	-1.537E+03	3.046E+04	-5.321E+03	8.321E-02	5.822E+05	1.155E+07	-4.047E-02	6.521E-03
217	2	127.25	14	-1.439E+03	3.046E+04	-5.356E+03	8.321E-02	5.634E+05	1.155E+07	-4.047E-02	6.417E-03
217	2	127.25	15	-1.243E+04	3.045E+04	-5.346E+03	8.321E-02	5.741E+05	1.155E+07	-4.046E-02	6.482E-03
217	2	127.25	16	-1.234E+04	3.045E+04	-5.381E+03	8.320E-02	5.553E+05	1.155E+07	-4.046E-02	6.378E-03
217	3	254.50	1	6.626E+03	2.846E+04	4.665E+03	-4.547E-02	-1.330E+06	1.523E+07	-5.837E-02	-1.164E-02
217	3	254.50	2	6.724E+03	2.846E+04	4.630E+03	-4.547E-02	-1.345E+06	1.523E+07	-5.837E-02	-1.176E-02
217	3	254.50	3	-4.272E+03	2.845E+04	4.640E+03	-4.547E-02	-1.335E+06	1.523E+07	-5.836E-02	-1.168E-02
217	3	254.50	4	-4.174E+03	2.845E+04	4.605E+03	-4.547E-02	-1.350E+06	1.523E+07	-5.836E-02	-1.181E-02
217	3	254.50	5	6.595E+03	2.846E+04	4.743E+03	-4.839E-02	-1.348E+06	1.523E+07	-5.837E-02	-1.179E-02
217	3	254.50	6	6.693E+03	2.846E+04	4.708E+03	-4.840E-02	-1.362E+06	1.523E+07	-5.837E-02	-1.192E-02
217	3	254.50	7	-4.303E+03	2.846E+04	4.718E+03	-4.839E-02	-1.353E+06	1.522E+07	-5.836E-02	-1.183E-02
217	3	254.50	8	-4.205E+03	2.846E+04	4.683E+03	-4.840E-02	-1.367E+06	1.522E+07	-5.836E-02	-1.196E-02
217	3	254.50	9	-1.503E+03	2.830E+04	-5.399E+03	8.613E-02	1.227E+06	1.529E+07	-5.862E-02	1.073E-02
217	3	254.50	10	-1.405E+03	2.830E+04	-5.434E+03	8.613E-02	1.212E+06	1.529E+07	-5.862E-02	1.060E-02
217	3	254.50	11	-1.240E+04	2.829E+04	-5.424E+03	8.613E-02	1.222E+06	1.529E+07	-5.861E-02	1.069E-02
217	3	254.50	12	-1.230E+04	2.829E+04	-5.459E+03	8.613E-02	1.207E+06	1.529E+07	-5.861E-02	1.056E-02
217	3	254.50	13	-1.535E+03	2.830E+04	-5.321E+03	8.321E-02	1.209E+06	1.529E+07	-5.861E-02	1.058E-02
217	3	254.50	14	-1.437E+03	2.830E+04	-5.356E+03	8.321E-02	1.195E+06	1.529E+07	-5.861E-02	1.045E-02
217	3	254.50	15	-1.243E+04	2.830E+04	-5.346E+03	8.321E-02	1.204E+06	1.529E+07	-5.860E-02	1.054E-02
217	3	254.50	16	-1.233E+04	2.830E+04	-5.381E+03	8.320E-02	1.190E+06	1.529E+07	-5.860E-02	1.041E-02
217	4	381.75	1	6.628E+03	2.630E+04	4.665E+03	-4.547E-02	-1.907E+06	1.871E+07	-4.716E-02	-9.979E-03
217	4	381.75	2	6.726E+03	2.630E+04	4.630E+03	-4.547E-02	-1.917E+06	1.871E+07	-4.716E-02	-1.006E-02
217	4	381.75	3	-4.270E+03	2.630E+04	4.640E+03	-4.547E-02	-1.909E+06	1.871E+07	-4.716E-02	-1.000E-02
217	4	381.75	4	-4.172E+03	2.630E+04	4.605E+03	-4.547E-02	-1.918E+06	1.871E+07	-4.716E-02	-1.009E-02
217	4	381.75	5	6.597E+03	2.631E+04	4.743E+03	-4.839E-02	-1.934E+06	1.871E+07	-4.716E-02	-1.011E-02
217	4	381.75	6	6.695E+03	2.631E+04	4.708E+03	-4.840E-02	-1.944E+06	1.871E+07	-4.716E-02	-1.020E-02
217	4	381.75	7	-4.301E+03	2.630E+04	4.718E+03	-4.839E-02	-1.936E+06	1.871E+07	-4.715E-02	-1.014E-02
217	4	381.75	8	-4.203E+03	2.630E+04	4.683E+03	-4.840E-02	-1.946E+06	1.871E+07	-4.715E-02	-1.022E-02
217	4	381.75	9	-1.501E+03	2.614E+04	-5.399E+03	8.613E-02	1.896E+06	1.876E+07	-4.733E-02	9.501E-03
217	4	381.75	10	-1.403E+03	2.614E+04	-5.434E+03	8.613E-02	1.886E+06	1.876E+07	-4.733E-02	9.417E-03
217	4	381.75	11	-1.240E+04	2.614E+04	-5.424E+03	8.613E-02	1.895E+06	1.875E+07	-4.732E-02	9.476E-03
217	4	381.75	12	-1.230E+04	2.614E+04	-5.459E+03	8.613E-02	1.885E+06	1.875E+07	-4.732E-02	9.392E-03
217	4	381.75	13	-1.533E+03	2.615E+04	-5.321E+03	8.321E-02	1.869E+06	1.876E+07	-4.732E-02	9.366E-03
217	4	381.75	14	-1.435E+03	2.615E+04	-5.356E+03	8.321E-02	1.859E+06	1.876E+07	-4.732E-02	9.282E-03
217	4	381.75	15	-1.243E+04	2.614E+04	-5.346E+03	8.321E-02	1.867E+06	1.875E+07	-4.732E-02	9.341E-03
217	4	381.75	16	-1.233E+04	2.614E+04	-5.381E+03	8.320E-02	1.858E+06	1.875E+07	-4.732E-02	9.257E-03
217	5	509.00	1	6.630E+03	2.415E+04	4.665E+03	-4.547E-02	-2.492E+06	2.192E+07	4.748E-09	9.726E-10
217	5	509.00	2	6.728E+03	2.415E+04	4.630E+03	-4.547E-02	-2.497E+06	2.192E+07	4.748E-09	9.257E-10
217	5	509.00	3	-4.268E+03	2.414E+04	4.640E+03	-4.547E-02	-2.490E+06	2.192E+07	4.747E-09	9.793E-10
217	5	509.00	4	-4.170E+03	2.414E+04	4.605E+03	-4.547E-02	-2.496E+06	2.192E+07	4.748E-09	9.323E-10
217	5	509.00	5	6.599E+03	2.415E+04	4.743E+03	-4.839E-02	-2.529E+06	2.192E+07	4.747E-09	9.730E-10
217	5	509.00	6	6.697E+03	2.415E+04	4.708E+03	-4.840E-02	-2.534E+06	2.192E+07	4.747E-09	9.261E-10
217	5	509.00	7	-4.299E+03	2.415E+04	4.718E+03	-4.839E-02	-2.527E+06	2.192E+07	4.747E-09	9.797E-10
217	5	509.00	8	-4.201E+03	2.415E+04	4.683E+03	-4.840E-02	-2.533E+06	2.192E+07	4.747E-09	9.328E-10
217	5	509.00	9	-1.499E+03	2.399E+04	-5.399E+03	8.613E-02	2.575E+06	2.195E+07	4.826E-09	-8.307E-10
217	5	509.00	10	-1.401E+03	2.399E+04	-5.434E+03	8.613E-02	2.569E+06	2.195E+07	4.826E-09	-8.776E-10
217	5	509.00	11	-1.240E+04	2.399E+04	-5.424E+03	8.613E-02	2.576E+06	2.194E+07	4.826E-09	-8.240E-10
217	5	509.00	12	-1.230E+04	2.399E+04	-5.459E+03	8.613E-02	2.571E+06	2.194E+07	4.826E-09	-8.709E-10
217	5	509.00	13	-1.530E+03	2.399E+04	-5.321E+03	8.321E-02	2.538E+06	2.195E+07	4.826E-09	-8.302E-10
217	5	509.00	14	-1.432E+03	2.399E+04	-5.356E+03	8.321E-02	2.532E+06	2.195E+07	4.826E-09	-8.772E-10
217	5	509.00	15	-1.243E+04	2.399E+04	-5.346E+03	8.321E-02	2.539E+06	2.194E+07	4.826E-09	-8.236E-10
217	5	509.00	16	-1.233E+04	2.399E+04	-5.381E+03	8.320E-02	2.534E+06	2.194E+07	4.826E-09	-8.705E-10
218	1	0.00	1	-1.441E+03	3.261E+04	5.356E+03	-8.321E-02	-1.981E+05	7.540E+06	0.000E+00	0.000E+00
218	1	0.00	2	-1.539E+03	3.261E+04	5.321E+03	-8.321E-02	-2.213E+05	7.540E+06	0.000E+00	0.000E+00
218	1	0.00	3	-1.234E+04	3.261E+04	5.381E+03	-8.320E-02	-1.868E+05	7.539E+06	0.000E+00	0.000E+00
218	1	0.00	4	-1.244E+04	3.261E+04	5.346E+03	-8.321E-02	-2.100E+05	7.539E+06	0.000E+00	0.000E+00
218	1	0.00	5	-1.410E+03	3.261E+04	5.434E+03	-8.613E-02	-1.955E+05	7.542E+06	0.000E+00	0.000E+00
218	1	0.00	6	-1.508E+03	3.261E+04	5.399E+03	-8.613E-02	-2.188E+05	7.542E+06	0.000E+00	0.000E+00
218	1	0.00	7	-1.231E+04	3.260E+04	5.459E+03	-8.613E-02	-1.842E+05	7.541E+06	0.000E+00	0.000E+00
218	1	0.00	8	-1.241E+04	3.260E+04	5.424E+03	-8.613E-02	-2.075E+05	7.541E+06	0.000E+00	0.000E+00
218	1	0.00	9	6.689E+03	3.277E+04	-4.708E+03	4.840E-02	5.300E+05	7.435E+06	0.000E+00	0.000E+00

218	1	0.00	10	6.591E+03	3.277E+04	-4.743E+03	4.839E-02	5.067E+05	7.435E+06	0.000E+00	0.000E+00
218	1	0.00	11	-4.209E+03	3.276E+04	-4.683E+03	4.840E-02	5.413E+05	7.434E+06	0.000E+00	0.000E+00
218	1	0.00	12	-4.307E+03	3.276E+04	-4.718E+03	4.839E-02	5.180E+05	7.434E+06	0.000E+00	0.000E+00
218	1	0.00	13	6.720E+03	3.276E+04	-4.630E+03	4.547E-02	5.326E+05	7.438E+06	0.000E+00	0.000E+00
218	1	0.00	14	6.622E+03	3.276E+04	-4.665E+03	4.547E-02	5.093E+05	7.438E+06	0.000E+00	0.000E+00
218	1	0.00	15	-4.178E+03	3.276E+04	-4.605E+03	4.547E-02	5.439E+05	7.436E+06	0.000E+00	0.000E+00
218	1	0.00	16	-4.276E+03	3.276E+04	-4.640E+03	4.547E-02	5.206E+05	7.436E+06	0.000E+00	0.000E+00
218	2	127.25	1	-1.439E+03	3.046E+04	5.356E+03	-8.321E-02	-5.634E+05	1.155E+07	-4.047E-02	-6.417E-03
218	2	127.25	2	-1.537E+03	3.046E+04	5.321E+03	-8.321E-02	-5.822E+05	1.155E+07	-4.047E-02	-6.521E-03
218	2	127.25	3	-1.234E+04	3.045E+04	5.381E+03	-8.320E-02	-5.553E+05	1.155E+07	-4.046E-02	-6.378E-03
218	2	127.25	4	-1.243E+04	3.045E+04	5.346E+03	-8.321E-02	-5.741E+05	1.155E+07	-4.046E-02	-6.482E-03
218	2	127.25	5	-1.407E+03	3.045E+04	5.434E+03	-8.613E-02	-5.708E+05	1.155E+07	-4.047E-02	-6.509E-03
218	2	127.25	6	-1.505E+03	3.045E+04	5.399E+03	-8.613E-02	-5.896E+05	1.155E+07	-4.047E-02	-6.613E-03
218	2	127.25	7	-1.231E+04	3.045E+04	5.459E+03	-8.613E-02	-5.627E+05	1.155E+07	-4.046E-02	-6.470E-03
218	2	127.25	8	-1.240E+04	3.045E+04	5.424E+03	-8.613E-02	-5.815E+05	1.155E+07	-4.046E-02	-6.574E-03
218	2	127.25	9	6.691E+03	3.061E+04	-4.708E+03	4.840E-02	8.129E+05	1.147E+07	-4.026E-02	7.694E-03
218	2	127.25	10	6.593E+03	3.061E+04	-4.743E+03	4.839E-02	7.941E+05	1.147E+07	-4.026E-02	7.590E-03
218	2	127.25	11	-4.207E+03	3.061E+04	-4.683E+03	4.840E-02	8.210E+05	1.147E+07	-4.026E-02	7.733E-03
218	2	127.25	12	-4.305E+03	3.061E+04	-4.718E+03	4.839E-02	8.022E+05	1.147E+07	-4.026E-02	7.629E-03
218	2	127.25	13	6.722E+03	3.061E+04	-4.630E+03	4.547E-02	8.056E+05	1.147E+07	-4.027E-02	7.602E-03
218	2	127.25	14	6.624E+03	3.061E+04	-4.665E+03	4.547E-02	7.868E+05	1.147E+07	-4.027E-02	7.498E-03
218	2	127.25	15	-4.176E+03	3.061E+04	-4.605E+03	4.547E-02	8.137E+05	1.147E+07	-4.026E-02	7.641E-03
218	2	127.25	16	-4.274E+03	3.061E+04	-4.640E+03	4.547E-02	7.949E+05	1.147E+07	-4.026E-02	7.537E-03
218	3	254.50	1	-1.437E+03	2.830E+04	5.356E+03	-8.321E-02	-1.195E+06	1.529E+07	-5.861E-02	-1.045E-02
218	3	254.50	2	-1.535E+03	2.830E+04	5.321E+03	-8.321E-02	-1.209E+06	1.529E+07	-5.861E-02	-1.058E-02
218	3	254.50	3	-1.233E+04	2.830E+04	5.381E+03	-8.320E-02	-1.190E+06	1.529E+07	-5.860E-02	-1.041E-02
218	3	254.50	4	-1.243E+04	2.830E+04	5.346E+03	-8.321E-02	-1.204E+06	1.529E+07	-5.860E-02	-1.054E-02
218	3	254.50	5	-1.405E+03	2.830E+04	5.434E+03	-8.613E-02	-1.212E+06	1.529E+07	-5.862E-02	-1.060E-02
218	3	254.50	6	-1.503E+03	2.830E+04	5.399E+03	-8.613E-02	-1.227E+06	1.529E+07	-5.862E-02	-1.073E-02
218	3	254.50	7	-1.230E+04	2.829E+04	5.459E+03	-8.613E-02	-1.207E+06	1.529E+07	-5.861E-02	-1.056E-02
218	3	254.50	8	-1.240E+04	2.829E+04	5.424E+03	-8.613E-02	-1.222E+06	1.529E+07	-5.861E-02	-1.069E-02
218	3	254.50	9	6.693E+03	2.846E+04	-4.708E+03	4.840E-02	1.362E+06	1.523E+07	-5.837E-02	1.192E-02
218	3	254.50	10	6.595E+03	2.846E+04	-4.743E+03	4.839E-02	1.348E+06	1.523E+07	-5.837E-02	1.179E-02
218	3	254.50	11	-4.205E+03	2.846E+04	-4.683E+03	4.840E-02	1.367E+06	1.522E+07	-5.836E-02	1.196E-02
218	3	254.50	12	-4.303E+03	2.846E+04	-4.718E+03	4.839E-02	1.353E+06	1.522E+07	-5.836E-02	1.183E-02
218	3	254.50	13	6.724E+03	2.846E+04	-4.630E+03	4.547E-02	1.345E+06	1.523E+07	-5.837E-02	1.176E-02
218	3	254.50	14	6.626E+03	2.846E+04	-4.665E+03	4.547E-02	1.330E+06	1.523E+07	-5.837E-02	1.164E-02
218	3	254.50	15	-4.174E+03	2.845E+04	-4.605E+03	4.547E-02	1.350E+06	1.523E+07	-5.836E-02	1.181E-02
218	3	254.50	16	-4.272E+03	2.845E+04	-4.640E+03	4.547E-02	1.335E+06	1.523E+07	-5.836E-02	1.168E-02
218	4	381.75	1	-1.435E+03	2.615E+04	5.356E+03	-8.321E-02	-1.859E+06	1.876E+07	-4.732E-02	-9.282E-03
218	4	381.75	2	-1.533E+03	2.615E+04	5.321E+03	-8.321E-02	-1.869E+06	1.876E+07	-4.732E-02	-9.366E-03
218	4	381.75	3	-1.233E+04	2.614E+04	5.381E+03	-8.320E-02	-1.858E+06	1.875E+07	-4.732E-02	-9.257E-03
218	4	381.75	4	-1.243E+04	2.614E+04	5.346E+03	-8.321E-02	-1.867E+06	1.875E+07	-4.732E-02	-9.341E-03
218	4	381.75	5	-1.403E+03	2.614E+04	5.434E+03	-8.613E-02	-1.886E+06	1.876E+07	-4.733E-02	-9.417E-03
218	4	381.75	6	-1.501E+03	2.614E+04	5.399E+03	-8.613E-02	-1.896E+06	1.876E+07	-4.733E-02	-9.501E-03
218	4	381.75	7	-1.230E+04	2.614E+04	5.459E+03	-8.613E-02	-1.885E+06	1.875E+07	-4.732E-02	-9.392E-03
218	4	381.75	8	-1.240E+04	2.614E+04	5.424E+03	-8.613E-02	-1.895E+06	1.875E+07	-4.732E-02	-9.476E-03
218	4	381.75	9	6.695E+03	2.631E+04	-4.708E+03	4.840E-02	1.944E+06	1.871E+07	-4.716E-02	1.020E-02
218	4	381.75	10	6.597E+03	2.631E+04	-4.743E+03	4.839E-02	1.934E+06	1.871E+07	-4.716E-02	1.011E-02
218	4	381.75	11	-4.203E+03	2.630E+04	-4.683E+03	4.840E-02	1.946E+06	1.871E+07	-4.715E-02	1.022E-02
218	4	381.75	12	-4.301E+03	2.630E+04	-4.718E+03	4.839E-02	1.936E+06	1.871E+07	-4.715E-02	1.014E-02
218	4	381.75	13	6.726E+03	2.630E+04	-4.630E+03	4.547E-02	1.917E+06	1.871E+07	-4.716E-02	1.006E-02
218	4	381.75	14	6.628E+03	2.630E+04	-4.665E+03	4.547E-02	1.907E+06	1.871E+07	-4.716E-02	9.979E-03
218	4	381.75	15	-4.172E+03	2.630E+04	-4.605E+03	4.547E-02	1.918E+06	1.871E+07	-4.716E-02	1.009E-02
218	4	381.75	16	-4.270E+03	2.630E+04	-4.640E+03	4.547E-02	1.909E+06	1.871E+07	-4.716E-02	1.000E-02
218	5	509.00	1	-1.432E+03	2.399E+04	5.356E+03	-8.321E-02	-2.532E+06	2.195E+07	4.826E-09	8.772E-10
218	5	509.00	2	-1.530E+03	2.399E+04	5.321E+03	-8.321E-02	-2.538E+06	2.195E+07	4.826E-09	8.303E-10
218	5	509.00	3	-1.233E+04	2.399E+04	5.381E+03	-8.320E-02	-2.534E+06	2.194E+07	4.826E-09	8.706E-10
218	5	509.00	4	-1.243E+04	2.399E+04	5.346E+03	-8.321E-02	-2.539E+06	2.194E+07	4.826E-09	8.236E-10
218	5	509.00	5	-1.401E+03	2.399E+04	5.434E+03	-8.613E-02	-2.569E+06	2.195E+07	4.826E-09	8.776E-10
218	5	509.00	6	-1.499E+03	2.399E+04	5.399E+03	-8.613E-02	-2.575E+06	2.195E+07	4.826E-09	8.307E-10
218	5	509.00	7	-1.230E+04	2.399E+04	5.459E+03	-8.613E-02	-2.571E+06	2.194E+07	4.826E-09	8.710E-10

218	5	509.00	8	-1.240E+04	2.399E+04	5.424E+03	-8.613E-02	-2.576E+06	2.194E+07	4.826E-09	8.240E-10
218	5	509.00	9	6.697E+03	2.415E+04	-4.708E+03	4.840E-02	2.534E+06	2.192E+07	4.747E-09	-9.261E-10
218	5	509.00	10	6.599E+03	2.415E+04	-4.743E+03	4.839E-02	2.529E+06	2.192E+07	4.747E-09	-9.730E-10
218	5	509.00	11	-4.201E+03	2.415E+04	-4.683E+03	4.840E-02	2.533E+06	2.192E+07	4.747E-09	-9.327E-10
218	5	509.00	12	-4.299E+03	2.415E+04	-4.718E+03	4.839E-02	2.527E+06	2.192E+07	4.747E-09	-9.797E-10
218	5	509.00	13	6.728E+03	2.415E+04	-4.630E+03	4.547E-02	2.497E+06	2.192E+07	4.748E-09	-9.257E-10
218	5	509.00	14	6.630E+03	2.415E+04	-4.665E+03	4.547E-02	2.492E+06	2.192E+07	4.748E-09	-9.726E-10
218	5	509.00	15	-4.170E+03	2.414E+04	-4.605E+03	4.547E-02	2.496E+06	2.192E+07	4.748E-09	-9.323E-10
218	5	509.00	16	-4.268E+03	2.414E+04	-4.640E+03	4.547E-02	2.490E+06	2.192E+07	4.747E-09	-9.792E-10
219	1	0.00	1	5.783E+03	1.455E+04	2.096E+03	-5.588E-02	-2.295E+06	2.190E+07	0.000E+00	0.000E+00
219	1	0.00	2	5.821E+03	1.455E+04	2.061E+03	-5.588E-02	-2.308E+06	2.190E+07	0.000E+00	0.000E+00
219	1	0.00	3	-2.246E+03	1.455E+04	2.099E+03	-5.588E-02	-2.293E+06	2.190E+07	0.000E+00	0.000E+00
219	1	0.00	4	-2.208E+03	1.455E+04	2.064E+03	-5.588E-02	-2.307E+06	2.190E+07	0.000E+00	0.000E+00
219	1	0.00	5	5.720E+03	1.455E+04	2.118E+03	-5.884E-02	-2.327E+06	2.190E+07	0.000E+00	0.000E+00
219	1	0.00	6	5.758E+03	1.455E+04	2.083E+03	-5.885E-02	-2.340E+06	2.190E+07	0.000E+00	0.000E+00
219	1	0.00	7	-2.309E+03	1.455E+04	2.121E+03	-5.884E-02	-2.325E+06	2.190E+07	0.000E+00	0.000E+00
219	1	0.00	8	-2.271E+03	1.455E+04	2.086E+03	-5.885E-02	-2.339E+06	2.190E+07	0.000E+00	0.000E+00
219	1	0.00	9	-3.410E+03	1.439E+04	-1.995E+03	7.768E-02	2.380E+06	2.197E+07	0.000E+00	0.000E+00
219	1	0.00	10	-3.372E+03	1.439E+04	-2.030E+03	7.768E-02	2.367E+06	2.197E+07	0.000E+00	0.000E+00
219	1	0.00	11	-1.144E+04	1.439E+04	-1.992E+03	7.768E-02	2.382E+06	2.196E+07	0.000E+00	0.000E+00
219	1	0.00	12	-1.140E+04	1.439E+04	-2.027E+03	7.768E-02	2.368E+06	2.196E+07	0.000E+00	0.000E+00
219	1	0.00	13	-3.473E+03	1.439E+04	-1.973E+03	7.471E-02	2.348E+06	2.196E+07	0.000E+00	0.000E+00
219	1	0.00	14	-3.435E+03	1.439E+04	-2.008E+03	7.471E-02	2.334E+06	2.196E+07	0.000E+00	0.000E+00
219	1	0.00	15	-1.150E+04	1.439E+04	-1.970E+03	7.471E-02	2.349E+06	2.196E+07	0.000E+00	0.000E+00
219	1	0.00	16	-1.146E+04	1.439E+04	-2.005E+03	7.471E-02	2.336E+06	2.196E+07	0.000E+00	0.000E+00
219	2	127.50	1	5.786E+03	1.239E+04	2.096E+03	-5.588E-02	-2.532E+06	2.362E+07	-7.085E-02	-1.774E-02
219	2	127.50	2	5.824E+03	1.239E+04	2.061E+03	-5.588E-02	-2.541E+06	2.362E+07	-7.085E-02	-1.778E-02
219	2	127.50	3	-2.244E+03	1.239E+04	2.099E+03	-5.588E-02	-2.531E+06	2.362E+07	-7.084E-02	-1.773E-02
219	2	127.50	4	-2.206E+03	1.239E+04	2.064E+03	-5.588E-02	-2.540E+06	2.362E+07	-7.084E-02	-1.777E-02
219	2	127.50	5	5.723E+03	1.239E+04	2.118E+03	-5.884E-02	-2.567E+06	2.362E+07	-7.084E-02	-1.798E-02
219	2	127.50	6	5.761E+03	1.239E+04	2.083E+03	-5.885E-02	-2.576E+06	2.362E+07	-7.084E-02	-1.802E-02
219	2	127.50	7	-2.307E+03	1.239E+04	2.121E+03	-5.884E-02	-2.566E+06	2.362E+07	-7.083E-02	-1.797E-02
219	2	127.50	8	-2.269E+03	1.239E+04	2.086E+03	-5.885E-02	-2.575E+06	2.362E+07	-7.083E-02	-1.802E-02
219	2	127.50	9	-3.408E+03	1.223E+04	-1.995E+03	7.768E-02	2.605E+06	2.366E+07	-7.093E-02	1.816E-02
219	2	127.50	10	-3.370E+03	1.223E+04	-2.030E+03	7.768E-02	2.595E+06	2.366E+07	-7.093E-02	1.812E-02
219	2	127.50	11	-1.144E+04	1.223E+04	-1.992E+03	7.768E-02	2.606E+06	2.366E+07	-7.092E-02	1.817E-02
219	2	127.50	12	-1.140E+04	1.223E+04	-2.027E+03	7.768E-02	2.597E+06	2.366E+07	-7.092E-02	1.813E-02
219	2	127.50	13	-3.471E+03	1.223E+04	-1.973E+03	7.471E-02	2.569E+06	2.366E+07	-7.093E-02	1.792E-02
219	2	127.50	14	-3.433E+03	1.223E+04	-2.008E+03	7.471E-02	2.560E+06	2.366E+07	-7.093E-02	1.788E-02
219	2	127.50	15	-1.150E+04	1.223E+04	-1.970E+03	7.471E-02	2.571E+06	2.366E+07	-7.091E-02	1.792E-02
219	2	127.50	16	-1.146E+04	1.223E+04	-2.005E+03	7.471E-02	2.561E+06	2.366E+07	-7.091E-02	1.788E-02
219	3	255.00	1	5.788E+03	9.750E+03	2.096E+03	-5.588E-02	-2.774E+06	2.506E+07	-9.620E-02	-2.436E-02
219	3	255.00	2	5.826E+03	9.750E+03	2.061E+03	-5.588E-02	-2.779E+06	2.506E+07	-9.620E-02	-2.440E-02
219	3	255.00	3	-2.242E+03	9.749E+03	2.099E+03	-5.588E-02	-2.774E+06	2.506E+07	-9.619E-02	-2.436E-02
219	3	255.00	4	-2.204E+03	9.749E+03	2.064E+03	-5.588E-02	-2.778E+06	2.506E+07	-9.619E-02	-2.440E-02
219	3	255.00	5	5.725E+03	9.753E+03	2.118E+03	-5.884E-02	-2.812E+06	2.506E+07	-9.620E-02	-2.470E-02
219	3	255.00	6	5.763E+03	9.754E+03	2.083E+03	-5.885E-02	-2.817E+06	2.506E+07	-9.620E-02	-2.474E-02
219	3	255.00	7	-2.305E+03	9.752E+03	2.121E+03	-5.884E-02	-2.811E+06	2.506E+07	-9.619E-02	-2.469E-02
219	3	255.00	8	-2.267E+03	9.752E+03	2.086E+03	-5.885E-02	-2.816E+06	2.506E+07	-9.619E-02	-2.473E-02
219	3	255.00	9	-3.405E+03	9.592E+03	-1.995E+03	7.768E-02	2.834E+06	2.508E+07	-9.629E-02	2.489E-02
219	3	255.00	10	-3.367E+03	9.592E+03	-2.030E+03	7.768E-02	2.830E+06	2.508E+07	-9.629E-02	2.485E-02
219	3	255.00	11	-1.143E+04	9.591E+03	-1.992E+03	7.768E-02	2.835E+06	2.508E+07	-9.627E-02	2.490E-02
219	3	255.00	12	-1.140E+04	9.591E+03	-2.027E+03	7.768E-02	2.830E+06	2.508E+07	-9.627E-02	2.486E-02
219	3	255.00	13	-3.468E+03	9.596E+03	-1.973E+03	7.471E-02	2.796E+06	2.508E+07	-9.628E-02	2.456E-02
219	3	255.00	14	-3.430E+03	9.596E+03	-2.008E+03	7.471E-02	2.792E+06	2.508E+07	-9.629E-02	2.452E-02
219	3	255.00	15	-1.150E+04	9.594E+03	-1.970E+03	7.471E-02	2.797E+06	2.508E+07	-9.627E-02	2.456E-02
219	3	255.00	16	-1.146E+04	9.594E+03	-2.005E+03	7.471E-02	2.792E+06	2.508E+07	-9.627E-02	2.452E-02
219	4	382.50	1	5.790E+03	7.592E+03	2.096E+03	-5.588E-02	-3.021E+06	2.617E+07	-7.328E-02	-1.881E-02
219	4	382.50	2	5.828E+03	7.592E+03	2.061E+03	-5.588E-02	-3.021E+06	2.617E+07	-7.328E-02	-1.883E-02
219	4	382.50	3	-2.239E+03	7.590E+03	2.099E+03	-5.588E-02	-3.020E+06	2.616E+07	-7.326E-02	-1.881E-02
219	4	382.50	4	-2.201E+03	7.590E+03	2.064E+03	-5.588E-02	-3.021E+06	2.616E+07	-7.327E-02	-1.883E-02
219	4	382.50	5	5.727E+03	7.595E+03	2.118E+03	-5.884E-02	-3.061E+06	2.617E+07	-7.328E-02	-1.907E-02

219	4	382.50	6	5.765E+03	7.595E+03	2.083E+03	-5.885E-02	-3.062E+06	2.617E+07	-7.328E-02	-1.909E-02
219	4	382.50	7	-2.303E+03	7.594E+03	2.121E+03	-5.884E-02	-3.061E+06	2.616E+07	-7.326E-02	-1.906E-02
219	4	382.50	8	-2.265E+03	7.594E+03	2.086E+03	-5.885E-02	-3.061E+06	2.616E+07	-7.326E-02	-1.908E-02
219	4	382.50	9	-3.403E+03	7.434E+03	-1.995E+03	7.768E-02	3.068E+06	2.617E+07	-7.332E-02	1.918E-02
219	4	382.50	10	-3.365E+03	7.434E+03	-2.030E+03	7.768E-02	3.068E+06	2.617E+07	-7.332E-02	1.916E-02
219	4	382.50	11	-1.143E+04	7.432E+03	-1.992E+03	7.768E-02	3.068E+06	2.617E+07	-7.331E-02	1.918E-02
219	4	382.50	12	-1.139E+04	7.432E+03	-2.027E+03	7.768E-02	3.068E+06	2.617E+07	-7.331E-02	1.916E-02
219	4	382.50	13	-3.466E+03	7.437E+03	-1.973E+03	7.471E-02	3.027E+06	2.617E+07	-7.332E-02	1.892E-02
219	4	382.50	14	-3.428E+03	7.437E+03	-2.008E+03	7.471E-02	3.027E+06	2.617E+07	-7.332E-02	1.890E-02
219	4	382.50	15	-1.150E+04	7.436E+03	-1.970E+03	7.471E-02	3.027E+06	2.617E+07	-7.331E-02	1.893E-02
219	4	382.50	16	-1.146E+04	7.436E+03	-2.005E+03	7.471E-02	3.027E+06	2.617E+07	-7.331E-02	1.891E-02
219	5	510.00	1	5.792E+03	5.433E+03	2.096E+03	-5.588E-02	-3.270E+06	2.700E+07	-1.261E-08	-2.249E-09
219	5	510.00	2	5.830E+03	5.434E+03	2.061E+03	-5.588E-02	-3.266E+06	2.700E+07	-1.261E-08	-2.241E-09
219	5	510.00	3	-2.237E+03	5.432E+03	2.099E+03	-5.588E-02	-3.270E+06	2.699E+07	-1.261E-08	-2.250E-09
219	5	510.00	4	-2.199E+03	5.432E+03	2.064E+03	-5.588E-02	-3.266E+06	2.699E+07	-1.261E-08	-2.241E-09
219	5	510.00	5	5.729E+03	5.437E+03	2.118E+03	-5.884E-02	-3.314E+06	2.700E+07	-1.261E-08	-2.280E-09
219	5	510.00	6	5.767E+03	5.437E+03	2.083E+03	-5.885E-02	-3.310E+06	2.700E+07	-1.261E-08	-2.272E-09
219	5	510.00	7	-2.300E+03	5.436E+03	2.121E+03	-5.884E-02	-3.314E+06	2.699E+07	-1.261E-08	-2.281E-09
219	5	510.00	8	-2.262E+03	5.436E+03	2.086E+03	-5.885E-02	-3.310E+06	2.699E+07	-1.261E-08	-2.273E-09
219	5	510.00	9	-3.401E+03	5.276E+03	-1.995E+03	7.768E-02	3.305E+06	2.698E+07	-1.259E-08	2.300E-09
219	5	510.00	10	-3.363E+03	5.276E+03	-2.030E+03	7.768E-02	3.309E+06	2.698E+07	-1.259E-08	2.308E-09
219	5	510.00	11	-1.143E+04	5.274E+03	-1.992E+03	7.768E-02	3.305E+06	2.698E+07	-1.259E-08	2.299E-09
219	5	510.00	12	-1.139E+04	5.274E+03	-2.027E+03	7.768E-02	3.309E+06	2.698E+07	-1.259E-08	2.307E-09
219	5	510.00	13	-3.464E+03	5.279E+03	-1.973E+03	7.471E-02	3.261E+06	2.698E+07	-1.259E-08	2.268E-09
219	5	510.00	14	-3.426E+03	5.279E+03	-2.008E+03	7.471E-02	3.265E+06	2.698E+07	-1.259E-08	2.276E-09
219	5	510.00	15	-1.149E+04	5.278E+03	-1.970E+03	7.471E-02	3.261E+06	2.698E+07	-1.259E-08	2.267E-09
219	5	510.00	16	-1.146E+04	5.278E+03	-2.005E+03	7.471E-02	3.265E+06	2.698E+07	-1.259E-08	2.275E-09
220	1	0.00	1	-3.435E+03	1.439E+04	2.008E+03	-7.471E-02	-2.334E+06	2.196E+07	0.000E+00	0.000E+00
220	1	0.00	2	-3.473E+03	1.439E+04	1.973E+03	-7.471E-02	-2.348E+06	2.196E+07	0.000E+00	0.000E+00
220	1	0.00	3	-1.146E+04	1.439E+04	2.005E+03	-7.471E-02	-2.336E+06	2.196E+07	0.000E+00	0.000E+00
220	1	0.00	4	-1.150E+04	1.439E+04	1.970E+03	-7.471E-02	-2.349E+06	2.196E+07	0.000E+00	0.000E+00
220	1	0.00	5	-3.372E+03	1.439E+04	2.030E+03	-7.768E-02	-2.367E+06	2.197E+07	0.000E+00	0.000E+00
220	1	0.00	6	-3.410E+03	1.439E+04	1.995E+03	-7.768E-02	-2.380E+06	2.197E+07	0.000E+00	0.000E+00
220	1	0.00	7	-1.140E+04	1.439E+04	2.027E+03	-7.768E-02	-2.368E+06	2.196E+07	0.000E+00	0.000E+00
220	1	0.00	8	-1.144E+04	1.439E+04	1.992E+03	-7.768E-02	-2.382E+06	2.196E+07	0.000E+00	0.000E+00
220	1	0.00	9	5.758E+03	1.455E+04	-2.083E+03	5.885E-02	2.340E+06	2.190E+07	0.000E+00	0.000E+00
220	1	0.00	10	5.720E+03	1.455E+04	-2.118E+03	5.884E-02	2.327E+06	2.190E+07	0.000E+00	0.000E+00
220	1	0.00	11	-2.271E+03	1.455E+04	-2.086E+03	5.885E-02	2.339E+06	2.190E+07	0.000E+00	0.000E+00
220	1	0.00	12	-2.309E+03	1.455E+04	-2.121E+03	5.884E-02	2.325E+06	2.190E+07	0.000E+00	0.000E+00
220	1	0.00	13	5.821E+03	1.455E+04	-2.061E+03	5.588E-02	2.308E+06	2.190E+07	0.000E+00	0.000E+00
220	1	0.00	14	5.783E+03	1.455E+04	-2.096E+03	5.588E-02	2.295E+06	2.190E+07	0.000E+00	0.000E+00
220	1	0.00	15	-2.208E+03	1.455E+04	-2.064E+03	5.588E-02	2.307E+06	2.190E+07	0.000E+00	0.000E+00
220	1	0.00	16	-2.246E+03	1.455E+04	-2.099E+03	5.588E-02	2.293E+06	2.190E+07	0.000E+00	0.000E+00
220	2	127.50	1	-3.433E+03	1.223E+04	2.008E+03	-7.471E-02	-2.560E+06	2.366E+07	-7.093E-02	-1.788E-02
220	2	127.50	2	-3.471E+03	1.223E+04	1.973E+03	-7.471E-02	-2.569E+06	2.366E+07	-7.093E-02	-1.792E-02
220	2	127.50	3	-1.146E+04	1.223E+04	2.005E+03	-7.471E-02	-2.561E+06	2.366E+07	-7.091E-02	-1.788E-02
220	2	127.50	4	-1.150E+04	1.223E+04	1.970E+03	-7.471E-02	-2.571E+06	2.366E+07	-7.091E-02	-1.792E-02
220	2	127.50	5	-3.370E+03	1.223E+04	2.030E+03	-7.768E-02	-2.595E+06	2.366E+07	-7.093E-02	-1.812E-02
220	2	127.50	6	-3.408E+03	1.223E+04	1.995E+03	-7.768E-02	-2.605E+06	2.366E+07	-7.093E-02	-1.816E-02
220	2	127.50	7	-1.140E+04	1.223E+04	2.027E+03	-7.768E-02	-2.597E+06	2.366E+07	-7.092E-02	-1.813E-02
220	2	127.50	8	-1.144E+04	1.223E+04	1.992E+03	-7.768E-02	-2.606E+06	2.366E+07	-7.092E-02	-1.817E-02
220	2	127.50	9	5.761E+03	1.239E+04	-2.083E+03	5.885E-02	2.576E+06	2.362E+07	-7.084E-02	1.802E-02
220	2	127.50	10	5.723E+03	1.239E+04	-2.118E+03	5.884E-02	2.567E+06	2.362E+07	-7.084E-02	1.798E-02
220	2	127.50	11	-2.269E+03	1.239E+04	-2.086E+03	5.885E-02	2.575E+06	2.362E+07	-7.083E-02	1.802E-02
220	2	127.50	12	-2.307E+03	1.239E+04	-2.121E+03	5.884E-02	2.566E+06	2.362E+07	-7.083E-02	1.797E-02
220	2	127.50	13	5.824E+03	1.239E+04	-2.061E+03	5.588E-02	2.541E+06	2.362E+07	-7.085E-02	1.778E-02
220	2	127.50	14	5.786E+03	1.239E+04	-2.096E+03	5.588E-02	2.532E+06	2.362E+07	-7.085E-02	1.774E-02
220	2	127.50	15	-2.206E+03	1.239E+04	-2.064E+03	5.588E-02	2.540E+06	2.362E+07	-7.084E-02	1.777E-02
220	2	127.50	16	-2.244E+03	1.239E+04	-2.099E+03	5.588E-02	2.531E+06	2.362E+07	-7.084E-02	1.773E-02
220	3	255.00	1	-3.430E+03	9.596E+03	2.008E+03	-7.471E-02	-2.792E+06	2.508E+07	-9.629E-02	-2.452E-02
220	3	255.00	2	-3.468E+03	9.596E+03	1.973E+03	-7.471E-02	-2.796E+06	2.508E+07	-9.628E-02	-2.456E-02
220	3	255.00	3	-1.146E+04	9.594E+03	2.005E+03	-7.471E-02	-2.792E+06	2.508E+07	-9.627E-02	-2.452E-02

220	3	255.00	4	-1.150E+04	9.594E+03	1.970E+03	-7.471E-02	-2.797E+06	2.508E+07	-9.627E-02	-2.456E-02
220	3	255.00	5	-3.367E+03	9.592E+03	2.030E+03	-7.768E-02	-2.830E+06	2.508E+07	-9.629E-02	-2.485E-02
220	3	255.00	6	-3.405E+03	9.592E+03	1.995E+03	-7.768E-02	-2.834E+06	2.508E+07	-9.629E-02	-2.489E-02
220	3	255.00	7	-1.140E+04	9.591E+03	2.027E+03	-7.768E-02	-2.830E+06	2.508E+07	-9.627E-02	-2.486E-02
220	3	255.00	8	-1.143E+04	9.591E+03	1.992E+03	-7.768E-02	-2.835E+06	2.508E+07	-9.627E-02	-2.490E-02
220	3	255.00	9	5.763E+03	9.754E+03	-2.083E+03	5.885E-02	2.817E+06	2.506E+07	-9.620E-02	2.474E-02
220	3	255.00	10	5.725E+03	9.753E+03	-2.118E+03	5.884E-02	2.812E+06	2.506E+07	-9.620E-02	2.470E-02
220	3	255.00	11	-2.267E+03	9.752E+03	-2.086E+03	5.885E-02	2.816E+06	2.506E+07	-9.619E-02	2.473E-02
220	3	255.00	12	-2.305E+03	9.752E+03	-2.121E+03	5.884E-02	2.811E+06	2.506E+07	-9.619E-02	2.469E-02
220	3	255.00	13	5.826E+03	9.750E+03	-2.061E+03	5.588E-02	2.779E+06	2.506E+07	-9.620E-02	2.440E-02
220	3	255.00	14	5.788E+03	9.750E+03	-2.096E+03	5.588E-02	2.774E+06	2.506E+07	-9.620E-02	2.436E-02
220	3	255.00	15	-2.204E+03	9.749E+03	-2.064E+03	5.588E-02	2.778E+06	2.506E+07	-9.619E-02	2.440E-02
220	3	255.00	16	-2.242E+03	9.749E+03	-2.099E+03	5.588E-02	2.774E+06	2.506E+07	-9.619E-02	2.436E-02
220	4	382.50	1	-3.428E+03	7.437E+03	2.008E+03	-7.471E-02	-3.027E+06	2.617E+07	-7.332E-02	-1.890E-02
220	4	382.50	2	-3.466E+03	7.437E+03	1.973E+03	-7.471E-02	-3.027E+06	2.617E+07	-7.332E-02	-1.892E-02
220	4	382.50	3	-1.146E+04	7.436E+03	2.005E+03	-7.471E-02	-3.027E+06	2.617E+07	-7.331E-02	-1.891E-02
220	4	382.50	4	-1.150E+04	7.436E+03	1.970E+03	-7.471E-02	-3.027E+06	2.617E+07	-7.331E-02	-1.893E-02
220	4	382.50	5	-3.365E+03	7.434E+03	2.030E+03	-7.768E-02	-3.068E+06	2.617E+07	-7.332E-02	-1.916E-02
220	4	382.50	6	-3.403E+03	7.434E+03	1.995E+03	-7.768E-02	-3.068E+06	2.617E+07	-7.332E-02	-1.918E-02
220	4	382.50	7	-1.139E+04	7.432E+03	2.027E+03	-7.768E-02	-3.068E+06	2.617E+07	-7.331E-02	-1.916E-02
220	4	382.50	8	-1.143E+04	7.432E+03	1.992E+03	-7.768E-02	-3.068E+06	2.617E+07	-7.331E-02	-1.918E-02
220	4	382.50	9	5.765E+03	7.595E+03	-2.083E+03	5.885E-02	3.062E+06	2.617E+07	-7.328E-02	1.909E-02
220	4	382.50	10	5.727E+03	7.595E+03	-2.118E+03	5.884E-02	3.061E+06	2.617E+07	-7.328E-02	1.907E-02
220	4	382.50	11	-2.265E+03	7.594E+03	-2.086E+03	5.885E-02	3.061E+06	2.616E+07	-7.326E-02	1.908E-02
220	4	382.50	12	-2.303E+03	7.594E+03	-2.121E+03	5.884E-02	3.061E+06	2.616E+07	-7.326E-02	1.906E-02
220	4	382.50	13	5.828E+03	7.592E+03	-2.061E+03	5.588E-02	3.021E+06	2.617E+07	-7.328E-02	1.883E-02
220	4	382.50	14	5.790E+03	7.592E+03	-2.096E+03	5.588E-02	3.021E+06	2.617E+07	-7.328E-02	1.881E-02
220	4	382.50	15	-2.201E+03	7.590E+03	-2.064E+03	5.588E-02	3.021E+06	2.616E+07	-7.327E-02	1.883E-02
220	4	382.50	16	-2.239E+03	7.590E+03	-2.099E+03	5.588E-02	3.020E+06	2.616E+07	-7.326E-02	1.881E-02
220	5	510.00	1	-3.426E+03	5.279E+03	2.008E+03	-7.471E-02	-3.265E+06	2.698E+07	-1.259E-08	-2.276E-09
220	5	510.00	2	-3.464E+03	5.279E+03	1.973E+03	-7.471E-02	-3.261E+06	2.698E+07	-1.259E-08	-2.268E-09
220	5	510.00	3	-1.146E+04	5.278E+03	2.005E+03	-7.471E-02	-3.265E+06	2.698E+07	-1.259E-08	-2.275E-09
220	5	510.00	4	-1.149E+04	5.278E+03	1.970E+03	-7.471E-02	-3.261E+06	2.698E+07	-1.259E-08	-2.267E-09
220	5	510.00	5	-3.363E+03	5.276E+03	2.030E+03	-7.768E-02	-3.309E+06	2.698E+07	-1.259E-08	-2.308E-09
220	5	510.00	6	-3.401E+03	5.276E+03	1.995E+03	-7.768E-02	-3.305E+06	2.698E+07	-1.259E-08	-2.300E-09
220	5	510.00	7	-1.139E+04	5.274E+03	2.027E+03	-7.768E-02	-3.309E+06	2.698E+07	-1.259E-08	-2.307E-09
220	5	510.00	8	-1.143E+04	5.274E+03	1.992E+03	-7.768E-02	-3.305E+06	2.698E+07	-1.259E-08	-2.299E-09
220	5	510.00	9	5.767E+03	5.437E+03	-2.083E+03	5.885E-02	3.310E+06	2.700E+07	-1.261E-08	2.272E-09
220	5	510.00	10	5.729E+03	5.437E+03	-2.118E+03	5.884E-02	3.314E+06	2.700E+07	-1.261E-08	2.280E-09
220	5	510.00	11	-2.262E+03	5.436E+03	-2.086E+03	5.885E-02	3.310E+06	2.699E+07	-1.261E-08	2.273E-09
220	5	510.00	12	-2.300E+03	5.436E+03	-2.121E+03	5.884E-02	3.314E+06	2.699E+07	-1.261E-08	2.281E-09
220	5	510.00	13	5.830E+03	5.434E+03	-2.061E+03	5.588E-02	3.266E+06	2.700E+07	-1.261E-08	2.241E-09
220	5	510.00	14	5.792E+03	5.433E+03	-2.096E+03	5.588E-02	3.270E+06	2.700E+07	-1.261E-08	2.249E-09
220	5	510.00	15	-2.199E+03	5.432E+03	-2.064E+03	5.588E-02	3.266E+06	2.699E+07	-1.261E-08	2.242E-09
220	5	510.00	16	-2.237E+03	5.432E+03	-2.099E+03	5.588E-02	3.270E+06	2.699E+07	-1.261E-08	2.250E-09
221	1	0.00	1	4.213E+03	-5.279E+03	-1.921E+03	-7.472E-02	-3.250E+06	2.698E+07	0.000E+00	0.000E+00
221	1	0.00	2	4.185E+03	-5.279E+03	-1.956E+03	-7.472E-02	-3.255E+06	2.698E+07	0.000E+00	0.000E+00
221	1	0.00	3	-7.213E+02	-5.277E+03	-1.919E+03	-7.472E-02	-3.250E+06	2.698E+07	0.000E+00	0.000E+00
221	1	0.00	4	-7.494E+02	-5.277E+03	-1.955E+03	-7.472E-02	-3.255E+06	2.698E+07	0.000E+00	0.000E+00
221	1	0.00	5	4.135E+03	-5.276E+03	-1.944E+03	-7.769E-02	-3.292E+06	2.698E+07	0.000E+00	0.000E+00
221	1	0.00	6	4.107E+03	-5.276E+03	-1.979E+03	-7.768E-02	-3.296E+06	2.698E+07	0.000E+00	0.000E+00
221	1	0.00	7	-7.993E+02	-5.274E+03	-1.942E+03	-7.769E-02	-3.292E+06	2.698E+07	0.000E+00	0.000E+00
221	1	0.00	8	-8.273E+02	-5.274E+03	-1.977E+03	-7.768E-02	-3.296E+06	2.698E+07	0.000E+00	0.000E+00
221	1	0.00	9	-4.815E+03	-5.437E+03	1.887E+03	5.885E-02	3.291E+06	2.700E+07	0.000E+00	0.000E+00
221	1	0.00	10	-4.843E+03	-5.437E+03	1.852E+03	5.886E-02	3.286E+06	2.700E+07	0.000E+00	0.000E+00
221	1	0.00	11	-9.750E+03	-5.435E+03	1.889E+03	5.885E-02	3.291E+06	2.699E+07	0.000E+00	0.000E+00
221	1	0.00	12	-9.778E+03	-5.435E+03	1.854E+03	5.886E-02	3.286E+06	2.699E+07	0.000E+00	0.000E+00
221	1	0.00	13	-4.893E+03	-5.433E+03	1.864E+03	5.589E-02	3.249E+06	2.700E+07	0.000E+00	0.000E+00
221	1	0.00	14	-4.921E+03	-5.434E+03	1.829E+03	5.589E-02	3.245E+06	2.700E+07	0.000E+00	0.000E+00
221	1	0.00	15	-9.828E+03	-5.432E+03	1.866E+03	5.589E-02	3.249E+06	2.699E+07	0.000E+00	0.000E+00
221	1	0.00	16	-9.856E+03	-5.432E+03	1.831E+03	5.589E-02	3.245E+06	2.699E+07	0.000E+00	0.000E+00
221	2	127.50	1	4.215E+03	-7.437E+03	-1.921E+03	-7.472E-02	-3.026E+06	2.617E+07	-7.332E-02	-1.895E-02

221	2	127.50	2	4.187E+03	-7.437E+03	-1.956E+03	-7.472E-02	-3.026E+06	2.617E+07	-7.332E-02	-1.893E-02
221	2	127.50	3	-7.192E+02	-7.436E+03	-1.919E+03	-7.472E-02	-3.026E+06	2.617E+07	-7.331E-02	-1.896E-02
221	2	127.50	4	-7.472E+02	-7.436E+03	-1.955E+03	-7.472E-02	-3.026E+06	2.617E+07	-7.331E-02	-1.894E-02
221	2	127.50	5	4.138E+03	-7.434E+03	-1.944E+03	-7.769E-02	-3.064E+06	2.617E+07	-7.332E-02	-1.919E-02
221	2	127.50	6	4.110E+03	-7.434E+03	-1.979E+03	-7.768E-02	-3.064E+06	2.617E+07	-7.332E-02	-1.917E-02
221	2	127.50	7	-7.972E+02	-7.432E+03	-1.942E+03	-7.769E-02	-3.064E+06	2.617E+07	-7.331E-02	-1.920E-02
221	2	127.50	8	-8.252E+02	-7.432E+03	-1.977E+03	-7.768E-02	-3.064E+06	2.617E+07	-7.331E-02	-1.918E-02
221	2	127.50	9	-4.813E+03	-7.595E+03	1.887E+03	5.885E-02	3.070E+06	2.617E+07	-7.328E-02	1.927E-02
221	2	127.50	10	-4.841E+03	-7.595E+03	1.852E+03	5.886E-02	3.071E+06	2.617E+07	-7.328E-02	1.929E-02
221	2	127.50	11	-9.748E+03	-7.594E+03	1.889E+03	5.885E-02	3.070E+06	2.616E+07	-7.327E-02	1.927E-02
221	2	127.50	12	-9.776E+03	-7.594E+03	1.854E+03	5.886E-02	3.070E+06	2.616E+07	-7.327E-02	1.929E-02
221	2	127.50	13	-4.891E+03	-7.592E+03	1.864E+03	5.589E-02	3.032E+06	2.617E+07	-7.328E-02	1.903E-02
221	2	127.50	14	-4.919E+03	-7.592E+03	1.829E+03	5.589E-02	3.032E+06	2.617E+07	-7.328E-02	1.905E-02
221	2	127.50	15	-9.826E+03	-7.590E+03	1.866E+03	5.589E-02	3.032E+06	2.616E+07	-7.327E-02	1.903E-02
221	2	127.50	16	-9.854E+03	-7.590E+03	1.831E+03	5.589E-02	3.032E+06	2.616E+07	-7.327E-02	1.905E-02
221	3	255.00	1	4.218E+03	-1.008E+04	-1.921E+03	-7.472E-02	-2.804E+06	2.508E+07	-9.628E-02	-2.463E-02
221	3	255.00	2	4.190E+03	-1.008E+04	-1.956E+03	-7.472E-02	-2.800E+06	2.508E+07	-9.628E-02	-2.459E-02
221	3	255.00	3	-7.166E+02	-1.007E+04	-1.919E+03	-7.472E-02	-2.805E+06	2.508E+07	-9.627E-02	-2.463E-02
221	3	255.00	4	-7.447E+02	-1.007E+04	-1.955E+03	-7.472E-02	-2.800E+06	2.508E+07	-9.627E-02	-2.459E-02
221	3	255.00	5	4.140E+03	-1.007E+04	-1.944E+03	-7.769E-02	-2.840E+06	2.508E+07	-9.629E-02	-2.494E-02
221	3	255.00	6	4.112E+03	-1.007E+04	-1.979E+03	-7.768E-02	-2.835E+06	2.508E+07	-9.629E-02	-2.490E-02
221	3	255.00	7	-7.946E+02	-1.007E+04	-1.942E+03	-7.769E-02	-2.840E+06	2.508E+07	-9.627E-02	-2.494E-02
221	3	255.00	8	-8.226E+02	-1.007E+04	-1.977E+03	-7.768E-02	-2.836E+06	2.508E+07	-9.627E-02	-2.490E-02
221	3	255.00	9	-4.810E+03	-1.023E+04	1.887E+03	5.885E-02	2.854E+06	2.506E+07	-9.620E-02	2.506E-02
221	3	255.00	10	-4.838E+03	-1.023E+04	1.852E+03	5.886E-02	2.858E+06	2.506E+07	-9.620E-02	2.510E-02
221	3	255.00	11	-9.745E+03	-1.023E+04	1.889E+03	5.885E-02	2.853E+06	2.506E+07	-9.619E-02	2.506E-02
221	3	255.00	12	-9.773E+03	-1.023E+04	1.854E+03	5.886E-02	2.858E+06	2.506E+07	-9.619E-02	2.510E-02
221	3	255.00	13	-4.888E+03	-1.023E+04	1.864E+03	5.589E-02	2.818E+06	2.506E+07	-9.620E-02	2.475E-02
221	3	255.00	14	-4.916E+03	-1.023E+04	1.829E+03	5.589E-02	2.823E+06	2.506E+07	-9.621E-02	2.479E-02
221	3	255.00	15	-9.823E+03	-1.023E+04	1.866E+03	5.589E-02	2.818E+06	2.506E+07	-9.619E-02	2.474E-02
221	3	255.00	16	-9.851E+03	-1.023E+04	1.831E+03	5.589E-02	2.822E+06	2.506E+07	-9.619E-02	2.479E-02
221	4	382.50	1	4.220E+03	-1.223E+04	-1.921E+03	-7.472E-02	-2.587E+06	2.366E+07	-7.092E-02	-1.799E-02
221	4	382.50	2	4.192E+03	-1.223E+04	-1.956E+03	-7.472E-02	-2.578E+06	2.366E+07	-7.092E-02	-1.795E-02
221	4	382.50	3	-7.145E+02	-1.223E+04	-1.919E+03	-7.472E-02	-2.588E+06	2.366E+07	-7.091E-02	-1.800E-02
221	4	382.50	4	-7.425E+02	-1.223E+04	-1.955E+03	-7.472E-02	-2.579E+06	2.366E+07	-7.091E-02	-1.795E-02
221	4	382.50	5	4.142E+03	-1.223E+04	-1.944E+03	-7.769E-02	-2.620E+06	2.366E+07	-7.092E-02	-1.822E-02
221	4	382.50	6	4.114E+03	-1.223E+04	-1.979E+03	-7.768E-02	-2.611E+06	2.366E+07	-7.092E-02	-1.818E-02
221	4	382.50	7	-7.924E+02	-1.223E+04	-1.942E+03	-7.769E-02	-2.621E+06	2.366E+07	-7.091E-02	-1.822E-02
221	4	382.50	8	-8.205E+02	-1.223E+04	-1.977E+03	-7.768E-02	-2.612E+06	2.366E+07	-7.091E-02	-1.818E-02
221	4	382.50	9	-4.808E+03	-1.239E+04	1.887E+03	5.885E-02	2.641E+06	2.362E+07	-7.084E-02	1.832E-02
221	4	382.50	10	-4.836E+03	-1.239E+04	1.852E+03	5.886E-02	2.650E+06	2.362E+07	-7.084E-02	1.837E-02
221	4	382.50	11	-9.743E+03	-1.239E+04	1.889E+03	5.885E-02	2.640E+06	2.362E+07	-7.083E-02	1.832E-02
221	4	382.50	12	-9.771E+03	-1.239E+04	1.854E+03	5.886E-02	2.649E+06	2.362E+07	-7.083E-02	1.836E-02
221	4	382.50	13	-4.886E+03	-1.239E+04	1.864E+03	5.589E-02	2.608E+06	2.362E+07	-7.084E-02	1.810E-02
221	4	382.50	14	-4.914E+03	-1.239E+04	1.829E+03	5.589E-02	2.617E+06	2.362E+07	-7.084E-02	1.814E-02
221	4	382.50	15	-9.821E+03	-1.239E+04	1.866E+03	5.589E-02	2.607E+06	2.362E+07	-7.083E-02	1.809E-02
221	4	382.50	16	-9.849E+03	-1.239E+04	1.831E+03	5.589E-02	2.617E+06	2.362E+07	-7.083E-02	1.813E-02
221	5	510.00	1	4.222E+03	-1.439E+04	-1.921E+03	-7.472E-02	-2.376E+06	2.196E+07	9.555E-09	4.375E-09
221	5	510.00	2	4.194E+03	-1.439E+04	-1.956E+03	-7.472E-02	-2.362E+06	2.196E+07	9.555E-09	4.376E-09
221	5	510.00	3	-7.124E+02	-1.439E+04	-1.919E+03	-7.472E-02	-2.377E+06	2.196E+07	9.557E-09	4.376E-09
221	5	510.00	4	-7.404E+02	-1.439E+04	-1.955E+03	-7.472E-02	-2.363E+06	2.196E+07	9.557E-09	4.377E-09
221	5	510.00	5	4.144E+03	-1.439E+04	-1.944E+03	-7.769E-02	-2.405E+06	2.197E+07	9.555E-09	4.358E-09
221	5	510.00	6	4.116E+03	-1.439E+04	-1.979E+03	-7.768E-02	-2.392E+06	2.197E+07	9.555E-09	4.359E-09
221	5	510.00	7	-7.903E+02	-1.439E+04	-1.942E+03	-7.769E-02	-2.406E+06	2.196E+07	9.557E-09	4.358E-09
221	5	510.00	8	-8.184E+02	-1.439E+04	-1.977E+03	-7.768E-02	-2.393E+06	2.196E+07	9.557E-09	4.359E-09
221	5	510.00	9	-4.806E+03	-1.455E+04	1.887E+03	5.885E-02	2.433E+06	2.190E+07	9.566E-09	-4.359E-09
221	5	510.00	10	-4.834E+03	-1.455E+04	1.852E+03	5.886E-02	2.447E+06	2.190E+07	9.566E-09	-4.358E-09
221	5	510.00	11	-9.741E+03	-1.455E+04	1.889E+03	5.885E-02	2.432E+06	2.190E+07	9.568E-09	-4.359E-09
221	5	510.00	12	-9.769E+03	-1.455E+04	1.854E+03	5.886E-02	2.446E+06	2.190E+07	9.568E-09	-4.358E-09
221	5	510.00	13	-4.884E+03	-1.455E+04	1.864E+03	5.589E-02	2.404E+06	2.190E+07	9.566E-09	-4.376E-09
221	5	510.00	14	-4.912E+03	-1.455E+04	1.829E+03	5.589E-02	2.417E+06	2.190E+07	9.566E-09	-4.375E-09
221	5	510.00	15	-9.819E+03	-1.454E+04	1.866E+03	5.589E-02	2.403E+06	2.190E+07	9.568E-09	-4.376E-09

221	5	510.00	16	-9.847E+03	-1.454E+04	1.831E+03	5.589E-02	2.416E+06	2.190E+07	9.568E-09	-4.375E-09
222	1	0.00	1	-4.921E+03	-5.434E+03	-1.829E+03	-5.589E-02	-3.245E+06	2.700E+07	0.000E+00	0.000E+00
222	1	0.00	2	-4.893E+03	-5.433E+03	-1.864E+03	-5.589E-02	-3.249E+06	2.700E+07	0.000E+00	0.000E+00
222	1	0.00	3	-9.856E+03	-5.432E+03	-1.831E+03	-5.589E-02	-3.245E+06	2.699E+07	0.000E+00	0.000E+00
222	1	0.00	4	-9.828E+03	-5.432E+03	-1.866E+03	-5.589E-02	-3.249E+06	2.699E+07	0.000E+00	0.000E+00
222	1	0.00	5	-4.843E+03	-5.437E+03	-1.852E+03	-5.886E-02	-3.286E+06	2.700E+07	0.000E+00	0.000E+00
222	1	0.00	6	-4.815E+03	-5.437E+03	-1.887E+03	-5.885E-02	-3.291E+06	2.700E+07	0.000E+00	0.000E+00
222	1	0.00	7	-9.778E+03	-5.435E+03	-1.854E+03	-5.886E-02	-3.286E+06	2.699E+07	0.000E+00	0.000E+00
222	1	0.00	8	-9.750E+03	-5.435E+03	-1.889E+03	-5.885E-02	-3.291E+06	2.699E+07	0.000E+00	0.000E+00
222	1	0.00	9	4.107E+03	-5.276E+03	1.979E+03	7.768E-02	3.296E+06	2.698E+07	0.000E+00	0.000E+00
222	1	0.00	10	4.135E+03	-5.276E+03	1.944E+03	7.769E-02	3.292E+06	2.698E+07	0.000E+00	0.000E+00
222	1	0.00	11	-8.273E+02	-5.274E+03	1.977E+03	7.768E-02	3.296E+06	2.698E+07	0.000E+00	0.000E+00
222	1	0.00	12	-7.993E+02	-5.274E+03	1.942E+03	7.769E-02	3.292E+06	2.698E+07	0.000E+00	0.000E+00
222	1	0.00	13	4.185E+03	-5.279E+03	1.956E+03	7.472E-02	3.255E+06	2.698E+07	0.000E+00	0.000E+00
222	1	0.00	14	4.213E+03	-5.279E+03	1.921E+03	7.472E-02	3.250E+06	2.698E+07	0.000E+00	0.000E+00
222	1	0.00	15	-7.494E+02	-5.277E+03	1.955E+03	7.472E-02	3.255E+06	2.698E+07	0.000E+00	0.000E+00
222	1	0.00	16	-7.213E+02	-5.277E+03	1.919E+03	7.472E-02	3.250E+06	2.698E+07	0.000E+00	0.000E+00
222	2	127.50	1	-4.919E+03	-7.592E+03	-1.829E+03	-5.589E-02	-3.032E+06	2.617E+07	-7.328E-02	-1.905E-02
222	2	127.50	2	-4.891E+03	-7.592E+03	-1.864E+03	-5.589E-02	-3.032E+06	2.617E+07	-7.328E-02	-1.903E-02
222	2	127.50	3	-9.854E+03	-7.590E+03	-1.831E+03	-5.589E-02	-3.032E+06	2.616E+07	-7.327E-02	-1.905E-02
222	2	127.50	4	-9.826E+03	-7.590E+03	-1.866E+03	-5.589E-02	-3.032E+06	2.616E+07	-7.327E-02	-1.903E-02
222	2	127.50	5	-4.841E+03	-7.595E+03	-1.852E+03	-5.886E-02	-3.071E+06	2.617E+07	-7.328E-02	-1.929E-02
222	2	127.50	6	-4.813E+03	-7.595E+03	-1.887E+03	-5.885E-02	-3.070E+06	2.617E+07	-7.328E-02	-1.927E-02
222	2	127.50	7	-9.776E+03	-7.594E+03	-1.854E+03	-5.886E-02	-3.070E+06	2.616E+07	-7.327E-02	-1.929E-02
222	2	127.50	8	-9.748E+03	-7.594E+03	-1.889E+03	-5.885E-02	-3.070E+06	2.616E+07	-7.327E-02	-1.927E-02
222	2	127.50	9	4.110E+03	-7.434E+03	1.979E+03	7.768E-02	3.064E+06	2.617E+07	-7.332E-02	1.917E-02
222	2	127.50	10	4.138E+03	-7.434E+03	1.944E+03	7.769E-02	3.064E+06	2.617E+07	-7.332E-02	1.919E-02
222	2	127.50	11	-8.252E+02	-7.432E+03	1.977E+03	7.768E-02	3.064E+06	2.617E+07	-7.331E-02	1.918E-02
222	2	127.50	12	-7.972E+02	-7.432E+03	1.942E+03	7.769E-02	3.064E+06	2.617E+07	-7.331E-02	1.920E-02
222	2	127.50	13	4.187E+03	-7.437E+03	1.956E+03	7.472E-02	3.026E+06	2.617E+07	-7.332E-02	1.893E-02
222	2	127.50	14	4.215E+03	-7.437E+03	1.921E+03	7.472E-02	3.026E+06	2.617E+07	-7.332E-02	1.895E-02
222	2	127.50	15	-7.472E+02	-7.436E+03	1.955E+03	7.472E-02	3.026E+06	2.617E+07	-7.331E-02	1.894E-02
222	2	127.50	16	-7.192E+02	-7.436E+03	1.919E+03	7.472E-02	3.026E+06	2.617E+07	-7.331E-02	1.896E-02
222	3	255.00	1	-4.916E+03	-1.023E+04	-1.829E+03	-5.589E-02	-2.823E+06	2.506E+07	-9.621E-02	-2.479E-02
222	3	255.00	2	-4.888E+03	-1.023E+04	-1.864E+03	-5.589E-02	-2.818E+06	2.506E+07	-9.620E-02	-2.475E-02
222	3	255.00	3	-9.851E+03	-1.023E+04	-1.831E+03	-5.589E-02	-2.822E+06	2.506E+07	-9.619E-02	-2.479E-02
222	3	255.00	4	-9.823E+03	-1.023E+04	-1.866E+03	-5.589E-02	-2.818E+06	2.506E+07	-9.619E-02	-2.474E-02
222	3	255.00	5	-4.838E+03	-1.023E+04	-1.852E+03	-5.886E-02	-2.858E+06	2.506E+07	-9.620E-02	-2.510E-02
222	3	255.00	6	-4.810E+03	-1.023E+04	-1.887E+03	-5.885E-02	-2.854E+06	2.506E+07	-9.620E-02	-2.506E-02
222	3	255.00	7	-9.773E+03	-1.023E+04	-1.854E+03	-5.886E-02	-2.858E+06	2.506E+07	-9.619E-02	-2.510E-02
222	3	255.00	8	-9.745E+03	-1.023E+04	-1.889E+03	-5.885E-02	-2.853E+06	2.506E+07	-9.619E-02	-2.506E-02
222	3	255.00	9	4.112E+03	-1.007E+04	1.979E+03	7.768E-02	2.835E+06	2.508E+07	-9.629E-02	2.490E-02
222	3	255.00	10	4.140E+03	-1.007E+04	1.944E+03	7.769E-02	2.840E+06	2.508E+07	-9.629E-02	2.494E-02
222	3	255.00	11	-8.226E+02	-1.007E+04	1.977E+03	7.768E-02	2.836E+06	2.508E+07	-9.627E-02	2.490E-02
222	3	255.00	12	-7.946E+02	-1.007E+04	1.942E+03	7.769E-02	2.840E+06	2.508E+07	-9.627E-02	2.494E-02
222	3	255.00	13	4.190E+03	-1.008E+04	1.956E+03	7.472E-02	2.800E+06	2.508E+07	-9.628E-02	2.459E-02
222	3	255.00	14	4.218E+03	-1.008E+04	1.921E+03	7.472E-02	2.804E+06	2.508E+07	-9.628E-02	2.463E-02
222	3	255.00	15	-7.447E+02	-1.007E+04	1.955E+03	7.472E-02	2.800E+06	2.508E+07	-9.627E-02	2.459E-02
222	3	255.00	16	-7.166E+02	-1.007E+04	1.919E+03	7.472E-02	2.805E+06	2.508E+07	-9.627E-02	2.463E-02
222	4	382.50	1	-4.914E+03	-1.239E+04	-1.829E+03	-5.589E-02	-2.617E+06	2.362E+07	-7.084E-02	-1.814E-02
222	4	382.50	2	-4.886E+03	-1.239E+04	-1.864E+03	-5.589E-02	-2.608E+06	2.362E+07	-7.084E-02	-1.810E-02
222	4	382.50	3	-9.849E+03	-1.239E+04	-1.831E+03	-5.589E-02	-2.617E+06	2.362E+07	-7.083E-02	-1.813E-02
222	4	382.50	4	-9.821E+03	-1.239E+04	-1.866E+03	-5.589E-02	-2.607E+06	2.362E+07	-7.083E-02	-1.809E-02
222	4	382.50	5	-4.836E+03	-1.239E+04	-1.852E+03	-5.886E-02	-2.650E+06	2.362E+07	-7.084E-02	-1.837E-02
222	4	382.50	6	-4.808E+03	-1.239E+04	-1.887E+03	-5.885E-02	-2.641E+06	2.362E+07	-7.084E-02	-1.832E-02
222	4	382.50	7	-9.771E+03	-1.239E+04	-1.854E+03	-5.886E-02	-2.649E+06	2.362E+07	-7.083E-02	-1.836E-02
222	4	382.50	8	-9.743E+03	-1.239E+04	-1.889E+03	-5.885E-02	-2.640E+06	2.362E+07	-7.083E-02	-1.832E-02
222	4	382.50	9	4.114E+03	-1.223E+04	1.979E+03	7.768E-02	2.611E+06	2.366E+07	-7.092E-02	1.818E-02
222	4	382.50	10	4.142E+03	-1.223E+04	1.944E+03	7.769E-02	2.620E+06	2.366E+07	-7.092E-02	1.822E-02
222	4	382.50	11	-8.205E+02	-1.223E+04	1.977E+03	7.768E-02	2.612E+06	2.366E+07	-7.091E-02	1.818E-02
222	4	382.50	12	-7.924E+02	-1.223E+04	1.942E+03	7.769E-02	2.621E+06	2.366E+07	-7.091E-02	1.822E-02
222	4	382.50	13	4.192E+03	-1.223E+04	1.956E+03	7.472E-02	2.578E+06	2.366E+07	-7.092E-02	1.795E-02

222	4	382.50	14	4.220E+03	-1.223E+04	1.921E+03	7.472E-02	2.587E+06	2.366E+07	-7.092E-02	1.799E-02
222	4	382.50	15	-7.425E+02	-1.223E+04	1.955E+03	7.472E-02	2.579E+06	2.366E+07	-7.091E-02	1.795E-02
222	4	382.50	16	-7.145E+02	-1.223E+04	1.919E+03	7.472E-02	2.588E+06	2.366E+07	-7.091E-02	1.800E-02
222	5	510.00	1	-4.912E+03	-1.455E+04	-1.829E+03	-5.589E-02	-2.417E+06	2.190E+07	9.566E-09	4.375E-09
222	5	510.00	2	-4.884E+03	-1.455E+04	-1.864E+03	-5.589E-02	-2.404E+06	2.190E+07	9.566E-09	4.376E-09
222	5	510.00	3	-9.847E+03	-1.454E+04	-1.831E+03	-5.589E-02	-2.416E+06	2.190E+07	9.568E-09	4.375E-09
222	5	510.00	4	-9.819E+03	-1.454E+04	-1.866E+03	-5.589E-02	-2.403E+06	2.190E+07	9.568E-09	4.376E-09
222	5	510.00	5	-4.834E+03	-1.455E+04	-1.852E+03	-5.886E-02	-2.447E+06	2.190E+07	9.566E-09	4.358E-09
222	5	510.00	6	-4.806E+03	-1.455E+04	-1.887E+03	-5.885E-02	-2.433E+06	2.190E+07	9.566E-09	4.359E-09
222	5	510.00	7	-9.769E+03	-1.455E+04	-1.854E+03	-5.886E-02	-2.446E+06	2.190E+07	9.568E-09	4.358E-09
222	5	510.00	8	-9.741E+03	-1.455E+04	-1.889E+03	-5.885E-02	-2.432E+06	2.190E+07	9.568E-09	4.359E-09
222	5	510.00	9	4.116E+03	-1.439E+04	1.979E+03	7.768E-02	2.392E+06	2.197E+07	9.555E-09	-4.359E-09
222	5	510.00	10	4.144E+03	-1.439E+04	1.944E+03	7.769E-02	2.405E+06	2.197E+07	9.555E-09	-4.358E-09
222	5	510.00	11	-8.184E+02	-1.439E+04	1.977E+03	7.768E-02	2.393E+06	2.196E+07	9.557E-09	-4.359E-09
222	5	510.00	12	-7.903E+02	-1.439E+04	1.942E+03	7.769E-02	2.406E+06	2.196E+07	9.557E-09	-4.358E-09
222	5	510.00	13	4.194E+03	-1.439E+04	1.956E+03	7.472E-02	2.362E+06	2.196E+07	9.555E-09	-4.376E-09
222	5	510.00	14	4.222E+03	-1.439E+04	1.921E+03	7.472E-02	2.376E+06	2.196E+07	9.555E-09	-4.375E-09
222	5	510.00	15	-7.404E+02	-1.439E+04	1.955E+03	7.472E-02	2.363E+06	2.196E+07	9.557E-09	-4.377E-09
222	5	510.00	16	-7.124E+02	-1.439E+04	1.919E+03	7.472E-02	2.377E+06	2.196E+07	9.557E-09	-4.376E-09
223	1	0.00	1	1.997E+03	-2.399E+04	-4.495E+03	-8.324E-02	-2.535E+06	2.195E+07	0.000E+00	0.000E+00
223	1	0.00	2	1.909E+03	-2.399E+04	-4.530E+03	-8.322E-02	-2.529E+06	2.195E+07	0.000E+00	0.000E+00
223	1	0.00	3	-4.562E+01	-2.399E+04	-4.511E+03	-8.324E-02	-2.536E+06	2.194E+07	0.000E+00	0.000E+00
223	1	0.00	4	-1.336E+02	-2.399E+04	-4.546E+03	-8.322E-02	-2.530E+06	2.194E+07	0.000E+00	0.000E+00
223	1	0.00	5	1.920E+03	-2.399E+04	-4.544E+03	-8.616E-02	-2.565E+06	2.195E+07	0.000E+00	0.000E+00
223	1	0.00	6	1.832E+03	-2.399E+04	-4.579E+03	-8.615E-02	-2.559E+06	2.195E+07	0.000E+00	0.000E+00
223	1	0.00	7	-1.228E+02	-2.399E+04	-4.560E+03	-8.616E-02	-2.566E+06	2.194E+07	0.000E+00	0.000E+00
223	1	0.00	8	-2.108E+02	-2.399E+04	-4.595E+03	-8.615E-02	-2.560E+06	2.194E+07	0.000E+00	0.000E+00
223	1	0.00	9	-5.395E+03	-2.415E+04	5.300E+03	4.841E-02	2.601E+06	2.192E+07	0.000E+00	0.000E+00
223	1	0.00	10	-5.483E+03	-2.415E+04	5.265E+03	4.842E-02	2.607E+06	2.192E+07	0.000E+00	0.000E+00
223	1	0.00	11	-7.438E+03	-2.415E+04	5.284E+03	4.841E-02	2.600E+06	2.192E+07	0.000E+00	0.000E+00
223	1	0.00	12	-7.526E+03	-2.415E+04	5.249E+03	4.842E-02	2.606E+06	2.192E+07	0.000E+00	0.000E+00
223	1	0.00	13	-5.472E+03	-2.415E+04	5.251E+03	4.548E-02	2.571E+06	2.192E+07	0.000E+00	0.000E+00
223	1	0.00	14	-5.560E+03	-2.415E+04	5.216E+03	4.549E-02	2.577E+06	2.192E+07	0.000E+00	0.000E+00
223	1	0.00	15	-7.515E+03	-2.414E+04	5.235E+03	4.548E-02	2.571E+06	2.192E+07	0.000E+00	0.000E+00
223	1	0.00	16	-7.603E+03	-2.414E+04	5.200E+03	4.549E-02	2.576E+06	2.192E+07	0.000E+00	0.000E+00
223	2	127.25	1	2.000E+03	-2.615E+04	-4.495E+03	-8.324E-02	-1.972E+06	1.876E+07	-4.732E-02	-1.050E-02
223	2	127.25	2	1.912E+03	-2.615E+04	-4.530E+03	-8.322E-02	-1.962E+06	1.876E+07	-4.732E-02	-1.041E-02
223	2	127.25	3	-4.350E+01	-2.614E+04	-4.511E+03	-8.324E-02	-1.971E+06	1.875E+07	-4.732E-02	-1.048E-02
223	2	127.25	4	-1.315E+02	-2.614E+04	-4.546E+03	-8.322E-02	-1.961E+06	1.875E+07	-4.732E-02	-1.040E-02
223	2	127.25	5	1.922E+03	-2.614E+04	-4.544E+03	-8.616E-02	-1.995E+06	1.876E+07	-4.733E-02	-1.062E-02
223	2	127.25	6	1.834E+03	-2.614E+04	-4.579E+03	-8.615E-02	-1.985E+06	1.876E+07	-4.733E-02	-1.054E-02
223	2	127.25	7	-1.207E+02	-2.614E+04	-4.560E+03	-8.616E-02	-1.994E+06	1.875E+07	-4.732E-02	-1.061E-02
223	2	127.25	8	-2.087E+02	-2.614E+04	-4.595E+03	-8.615E-02	-1.984E+06	1.875E+07	-4.732E-02	-1.052E-02
223	2	127.25	9	-5.393E+03	-2.631E+04	5.300E+03	4.841E-02	1.935E+06	1.871E+07	-4.716E-02	9.811E-03
223	2	127.25	10	-5.481E+03	-2.631E+04	5.265E+03	4.842E-02	1.945E+06	1.871E+07	-4.716E-02	9.896E-03
223	2	127.25	11	-7.436E+03	-2.630E+04	5.284E+03	4.841E-02	1.937E+06	1.871E+07	-4.715E-02	9.827E-03
223	2	127.25	12	-7.524E+03	-2.630E+04	5.249E+03	4.842E-02	1.946E+06	1.871E+07	-4.715E-02	9.912E-03
223	2	127.25	13	-5.470E+03	-2.630E+04	5.251E+03	4.548E-02	1.912E+06	1.871E+07	-4.716E-02	9.684E-03
223	2	127.25	14	-5.558E+03	-2.630E+04	5.216E+03	4.549E-02	1.922E+06	1.871E+07	-4.716E-02	9.768E-03
223	2	127.25	15	-7.513E+03	-2.630E+04	5.235E+03	4.548E-02	1.913E+06	1.871E+07	-4.716E-02	9.700E-03
223	2	127.25	16	-7.601E+03	-2.630E+04	5.200E+03	4.549E-02	1.923E+06	1.871E+07	-4.716E-02	9.784E-03
223	3	254.50	1	2.002E+03	-2.830E+04	-4.495E+03	-8.324E-02	-1.416E+06	1.529E+07	-5.861E-02	-1.239E-02
223	3	254.50	2	1.914E+03	-2.830E+04	-4.530E+03	-8.322E-02	-1.402E+06	1.529E+07	-5.861E-02	-1.226E-02
223	3	254.50	3	-4.139E+01	-2.830E+04	-4.511E+03	-8.324E-02	-1.413E+06	1.529E+07	-5.860E-02	-1.236E-02
223	3	254.50	4	-1.294E+02	-2.830E+04	-4.546E+03	-8.322E-02	-1.399E+06	1.529E+07	-5.860E-02	-1.224E-02
223	3	254.50	5	1.924E+03	-2.830E+04	-4.544E+03	-8.616E-02	-1.434E+06	1.529E+07	-5.862E-02	-1.254E-02
223	3	254.50	6	1.837E+03	-2.830E+04	-4.579E+03	-8.615E-02	-1.419E+06	1.529E+07	-5.862E-02	-1.241E-02
223	3	254.50	7	-1.186E+02	-2.829E+04	-4.560E+03	-8.616E-02	-1.430E+06	1.529E+07	-5.861E-02	-1.251E-02
223	3	254.50	8	-2.065E+02	-2.829E+04	-4.595E+03	-8.615E-02	-1.416E+06	1.529E+07	-5.861E-02	-1.239E-02
223	3	254.50	9	-5.391E+03	-2.846E+04	5.300E+03	4.841E-02	1.278E+06	1.523E+07	-5.837E-02	1.118E-02
223	3	254.50	10	-5.479E+03	-2.846E+04	5.265E+03	4.842E-02	1.292E+06	1.523E+07	-5.837E-02	1.130E-02
223	3	254.50	11	-7.434E+03	-2.845E+04	5.284E+03	4.841E-02	1.281E+06	1.522E+07	-5.836E-02	1.120E-02

223	3	254.50	12	-7.522E+03	-2.846E+04	5.249E+03	4.842E-02	1.295E+06	1.522E+07	-5.836E-02	1.133E-02
223	3	254.50	13	-5.468E+03	-2.846E+04	5.251E+03	4.548E-02	1.260E+06	1.523E+07	-5.837E-02	1.102E-02
223	3	254.50	14	-5.556E+03	-2.846E+04	5.216E+03	4.549E-02	1.275E+06	1.523E+07	-5.837E-02	1.115E-02
223	3	254.50	15	-7.511E+03	-2.845E+04	5.235E+03	4.548E-02	1.263E+06	1.523E+07	-5.837E-02	1.105E-02
223	3	254.50	16	-7.599E+03	-2.845E+04	5.200E+03	4.549E-02	1.278E+06	1.523E+07	-5.837E-02	1.118E-02
223	4	381.75	1	2.004E+03	-3.046E+04	-4.495E+03	-8.324E-02	-8.879E+05	1.155E+07	-4.047E-02	-8.103E-03
223	4	381.75	2	1.916E+03	-3.046E+04	-4.530E+03	-8.322E-02	-8.690E+05	1.155E+07	-4.047E-02	-7.999E-03
223	4	381.75	3	-3.927E+01	-3.045E+04	-4.511E+03	-8.324E-02	-8.828E+05	1.155E+07	-4.046E-02	-8.078E-03
223	4	381.75	4	-1.273E+02	-3.045E+04	-4.546E+03	-8.322E-02	-8.639E+05	1.155E+07	-4.046E-02	-7.974E-03
223	4	381.75	5	1.927E+03	-3.045E+04	-4.544E+03	-8.616E-02	-8.990E+05	1.155E+07	-4.047E-02	-8.203E-03
223	4	381.75	6	1.839E+03	-3.045E+04	-4.579E+03	-8.615E-02	-8.802E+05	1.155E+07	-4.047E-02	-8.099E-03
223	4	381.75	7	-1.164E+02	-3.045E+04	-4.560E+03	-8.616E-02	-8.939E+05	1.155E+07	-4.046E-02	-8.178E-03
223	4	381.75	8	-2.044E+02	-3.045E+04	-4.595E+03	-8.615E-02	-8.750E+05	1.155E+07	-4.046E-02	-8.074E-03
223	4	381.75	9	-5.388E+03	-3.061E+04	5.300E+03	4.841E-02	6.468E+05	1.147E+07	-4.026E-02	6.969E-03
223	4	381.75	10	-5.476E+03	-3.061E+04	5.265E+03	4.842E-02	6.657E+05	1.147E+07	-4.026E-02	7.074E-03
223	4	381.75	11	-7.432E+03	-3.061E+04	5.284E+03	4.841E-02	6.520E+05	1.147E+07	-4.026E-02	6.994E-03
223	4	381.75	12	-7.519E+03	-3.061E+04	5.249E+03	4.842E-02	6.708E+05	1.147E+07	-4.026E-02	7.098E-03
223	4	381.75	13	-5.466E+03	-3.061E+04	5.251E+03	4.548E-02	6.357E+05	1.147E+07	-4.027E-02	6.869E-03
223	4	381.75	14	-5.554E+03	-3.061E+04	5.216E+03	4.549E-02	6.546E+05	1.147E+07	-4.027E-02	6.973E-03
223	4	381.75	15	-7.509E+03	-3.061E+04	5.235E+03	4.548E-02	6.408E+05	1.147E+07	-4.026E-02	6.894E-03
223	4	381.75	16	-7.597E+03	-3.061E+04	5.200E+03	4.549E-02	6.597E+05	1.147E+07	-4.026E-02	6.998E-03
223	5	509.00	1	2.006E+03	-3.261E+04	-4.495E+03	-8.324E-02	2.029E+05	7.540E+06	7.380E-09	6.853E-09
223	5	509.00	2	1.918E+03	-3.261E+04	-4.530E+03	-8.322E-02	2.262E+05	7.540E+06	7.380E-09	6.862E-09
223	5	509.00	3	-3.715E+01	-3.261E+04	-4.511E+03	-8.324E-02	2.100E+05	7.539E+06	7.382E-09	6.849E-09
223	5	509.00	4	-1.251E+02	-3.261E+04	-4.546E+03	-8.322E-02	2.334E+05	7.539E+06	7.382E-09	6.859E-09
223	5	509.00	5	1.929E+03	-3.261E+04	-4.544E+03	-8.616E-02	1.980E+05	7.542E+06	7.381E-09	6.827E-09
223	5	509.00	6	1.841E+03	-3.261E+04	-4.579E+03	-8.615E-02	2.213E+05	7.542E+06	7.381E-09	6.836E-09
223	5	509.00	7	-1.143E+02	-3.260E+04	-4.560E+03	-8.616E-02	2.051E+05	7.541E+06	7.383E-09	6.823E-09
223	5	509.00	8	-2.023E+02	-3.260E+04	-4.595E+03	-8.615E-02	2.285E+05	7.541E+06	7.382E-09	6.833E-09
223	5	509.00	9	-5.386E+03	-3.277E+04	5.300E+03	4.841E-02	-5.464E+05	7.436E+06	7.359E-09	-6.784E-09
223	5	509.00	10	-5.474E+03	-3.277E+04	5.265E+03	4.842E-02	-5.231E+05	7.436E+06	7.359E-09	-6.775E-09
223	5	509.00	11	-7.429E+03	-3.276E+04	5.284E+03	4.841E-02	-5.393E+05	7.434E+06	7.360E-09	-6.788E-09
223	5	509.00	12	-7.517E+03	-3.276E+04	5.249E+03	4.842E-02	-5.159E+05	7.434E+06	7.360E-09	-6.778E-09
223	5	509.00	13	-5.464E+03	-3.276E+04	5.251E+03	4.548E-02	-5.513E+05	7.438E+06	7.359E-09	-6.810E-09
223	5	509.00	14	-5.551E+03	-3.276E+04	5.216E+03	4.549E-02	-5.280E+05	7.438E+06	7.359E-09	-6.801E-09
223	5	509.00	15	-7.507E+03	-3.276E+04	5.235E+03	4.548E-02	-5.442E+05	7.437E+06	7.361E-09	-6.814E-09
223	5	509.00	16	-7.595E+03	-3.276E+04	5.200E+03	4.549E-02	-5.208E+05	7.437E+06	7.361E-09	-6.804E-09
224	1	0.00	1	-5.560E+03	-2.415E+04	-5.216E+03	-4.549E-02	-2.577E+06	2.192E+07	0.000E+00	0.000E+00
224	1	0.00	2	-5.472E+03	-2.415E+04	-5.251E+03	-4.548E-02	-2.571E+06	2.192E+07	0.000E+00	0.000E+00
224	1	0.00	3	-7.603E+03	-2.414E+04	-5.200E+03	-4.549E-02	-2.576E+06	2.192E+07	0.000E+00	0.000E+00
224	1	0.00	4	-7.515E+03	-2.414E+04	-5.235E+03	-4.548E-02	-2.571E+06	2.192E+07	0.000E+00	0.000E+00
224	1	0.00	5	-5.483E+03	-2.415E+04	-5.265E+03	-4.842E-02	-2.607E+06	2.192E+07	0.000E+00	0.000E+00
224	1	0.00	6	-5.395E+03	-2.415E+04	-5.300E+03	-4.841E-02	-2.601E+06	2.192E+07	0.000E+00	0.000E+00
224	1	0.00	7	-7.526E+03	-2.415E+04	-5.249E+03	-4.842E-02	-2.606E+06	2.192E+07	0.000E+00	0.000E+00
224	1	0.00	8	-7.438E+03	-2.415E+04	-5.284E+03	-4.841E-02	-2.600E+06	2.192E+07	0.000E+00	0.000E+00
224	1	0.00	9	1.832E+03	-2.399E+04	4.579E+03	8.615E-02	2.559E+06	2.195E+07	0.000E+00	0.000E+00
224	1	0.00	10	1.920E+03	-2.399E+04	4.544E+03	8.616E-02	2.565E+06	2.195E+07	0.000E+00	0.000E+00
224	1	0.00	11	-2.108E+02	-2.399E+04	4.595E+03	8.615E-02	2.560E+06	2.194E+07	0.000E+00	0.000E+00
224	1	0.00	12	-1.228E+02	-2.399E+04	4.560E+03	8.616E-02	2.566E+06	2.194E+07	0.000E+00	0.000E+00
224	1	0.00	13	1.909E+03	-2.399E+04	4.530E+03	8.322E-02	2.529E+06	2.195E+07	0.000E+00	0.000E+00
224	1	0.00	14	1.997E+03	-2.399E+04	4.495E+03	8.324E-02	2.535E+06	2.195E+07	0.000E+00	0.000E+00
224	1	0.00	15	-1.336E+02	-2.399E+04	4.546E+03	8.322E-02	2.530E+06	2.194E+07	0.000E+00	0.000E+00
224	1	0.00	16	-4.562E+01	-2.399E+04	4.511E+03	8.324E-02	2.536E+06	2.194E+07	0.000E+00	0.000E+00
224	2	127.25	1	-5.558E+03	-2.630E+04	-5.216E+03	-4.549E-02	-1.922E+06	1.871E+07	-4.716E-02	-9.768E-03
224	2	127.25	2	-5.470E+03	-2.630E+04	-5.251E+03	-4.548E-02	-1.912E+06	1.871E+07	-4.716E-02	-9.684E-03
224	2	127.25	3	-7.601E+03	-2.630E+04	-5.200E+03	-4.549E-02	-1.923E+06	1.871E+07	-4.716E-02	-9.784E-03
224	2	127.25	4	-7.513E+03	-2.630E+04	-5.235E+03	-4.548E-02	-1.913E+06	1.871E+07	-4.716E-02	-9.700E-03
224	2	127.25	5	-5.481E+03	-2.631E+04	-5.265E+03	-4.842E-02	-1.945E+06	1.871E+07	-4.716E-02	-9.896E-03
224	2	127.25	6	-5.393E+03	-2.631E+04	-5.300E+03	-4.841E-02	-1.935E+06	1.871E+07	-4.716E-02	-9.811E-03
224	2	127.25	7	-7.524E+03	-2.630E+04	-5.249E+03	-4.842E-02	-1.946E+06	1.871E+07	-4.715E-02	-9.912E-03
224	2	127.25	8	-7.436E+03	-2.630E+04	-5.284E+03	-4.841E-02	-1.937E+06	1.871E+07	-4.715E-02	-9.827E-03
224	2	127.25	9	1.834E+03	-2.614E+04	4.579E+03	8.615E-02	1.985E+06	1.876E+07	-4.733E-02	1.054E-02

224	2	127.25	10	1.922E+03	-2.614E+04	4.544E+03	8.616E-02	1.995E+06	1.876E+07	-4.733E-02	1.062E-02
224	2	127.25	11	-2.087E+02	-2.614E+04	4.595E+03	8.615E-02	1.984E+06	1.875E+07	-4.732E-02	1.052E-02
224	2	127.25	12	-1.207E+02	-2.614E+04	4.560E+03	8.616E-02	1.994E+06	1.875E+07	-4.732E-02	1.061E-02
224	2	127.25	13	1.912E+03	-2.615E+04	4.530E+03	8.322E-02	1.962E+06	1.876E+07	-4.732E-02	1.041E-02
224	2	127.25	14	2.000E+03	-2.615E+04	4.495E+03	8.324E-02	1.972E+06	1.876E+07	-4.732E-02	1.050E-02
224	2	127.25	15	-1.315E+02	-2.614E+04	4.546E+03	8.322E-02	1.961E+06	1.875E+07	-4.732E-02	1.040E-02
224	2	127.25	16	-4.350E+01	-2.614E+04	4.511E+03	8.324E-02	1.971E+06	1.875E+07	-4.732E-02	1.048E-02
224	3	254.50	1	-5.556E+03	-2.846E+04	-5.216E+03	-4.549E-02	-1.275E+06	1.523E+07	-5.837E-02	-1.115E-02
224	3	254.50	2	-5.468E+03	-2.846E+04	-5.251E+03	-4.548E-02	-1.260E+06	1.523E+07	-5.837E-02	-1.102E-02
224	3	254.50	3	-7.599E+03	-2.845E+04	-5.200E+03	-4.549E-02	-1.278E+06	1.523E+07	-5.837E-02	-1.118E-02
224	3	254.50	4	-7.511E+03	-2.845E+04	-5.235E+03	-4.548E-02	-1.263E+06	1.523E+07	-5.837E-02	-1.105E-02
224	3	254.50	5	-5.479E+03	-2.846E+04	-5.265E+03	-4.842E-02	-1.292E+06	1.523E+07	-5.837E-02	-1.130E-02
224	3	254.50	6	-5.391E+03	-2.846E+04	-5.300E+03	-4.841E-02	-1.278E+06	1.523E+07	-5.837E-02	-1.118E-02
224	3	254.50	7	-7.522E+03	-2.846E+04	-5.249E+03	-4.842E-02	-1.295E+06	1.522E+07	-5.836E-02	-1.133E-02
224	3	254.50	8	-7.434E+03	-2.845E+04	-5.284E+03	-4.841E-02	-1.281E+06	1.522E+07	-5.836E-02	-1.120E-02
224	3	254.50	9	1.837E+03	-2.830E+04	4.579E+03	8.615E-02	1.419E+06	1.529E+07	-5.862E-02	1.241E-02
224	3	254.50	10	1.924E+03	-2.830E+04	4.544E+03	8.616E-02	1.434E+06	1.529E+07	-5.862E-02	1.254E-02
224	3	254.50	11	-2.065E+02	-2.829E+04	4.595E+03	8.615E-02	1.416E+06	1.529E+07	-5.861E-02	1.239E-02
224	3	254.50	12	-1.186E+02	-2.829E+04	4.560E+03	8.616E-02	1.430E+06	1.529E+07	-5.861E-02	1.251E-02
224	3	254.50	13	1.914E+03	-2.830E+04	4.530E+03	8.322E-02	1.402E+06	1.529E+07	-5.861E-02	1.226E-02
224	3	254.50	14	2.002E+03	-2.830E+04	4.495E+03	8.324E-02	1.416E+06	1.529E+07	-5.861E-02	1.239E-02
224	3	254.50	15	-1.294E+02	-2.830E+04	4.546E+03	8.322E-02	1.399E+06	1.529E+07	-5.860E-02	1.224E-02
224	3	254.50	16	-4.139E+01	-2.830E+04	4.511E+03	8.324E-02	1.413E+06	1.529E+07	-5.860E-02	1.236E-02
224	4	381.75	1	-5.554E+03	-3.061E+04	-5.216E+03	-4.549E-02	-6.546E+05	1.147E+07	-4.027E-02	-6.973E-03
224	4	381.75	2	-5.466E+03	-3.061E+04	-5.251E+03	-4.548E-02	-6.357E+05	1.147E+07	-4.027E-02	-6.869E-03
224	4	381.75	3	-7.597E+03	-3.061E+04	-5.200E+03	-4.549E-02	-6.597E+05	1.147E+07	-4.026E-02	-6.998E-03
224	4	381.75	4	-7.509E+03	-3.061E+04	-5.235E+03	-4.548E-02	-6.408E+05	1.147E+07	-4.026E-02	-6.894E-03
224	4	381.75	5	-5.476E+03	-3.061E+04	-5.265E+03	-4.842E-02	-6.657E+05	1.147E+07	-4.026E-02	-7.074E-03
224	4	381.75	6	-5.388E+03	-3.061E+04	-5.300E+03	-4.841E-02	-6.468E+05	1.147E+07	-4.026E-02	-6.969E-03
224	4	381.75	7	-7.519E+03	-3.061E+04	-5.249E+03	-4.842E-02	-6.708E+05	1.147E+07	-4.026E-02	-7.098E-03
224	4	381.75	8	-7.432E+03	-3.061E+04	-5.284E+03	-4.841E-02	-6.520E+05	1.147E+07	-4.026E-02	-6.994E-03
224	4	381.75	9	1.839E+03	-3.045E+04	4.579E+03	8.615E-02	8.802E+05	1.155E+07	-4.047E-02	8.099E-03
224	4	381.75	10	1.927E+03	-3.045E+04	4.544E+03	8.616E-02	8.990E+05	1.155E+07	-4.047E-02	8.203E-03
224	4	381.75	11	-2.044E+02	-3.045E+04	4.595E+03	8.615E-02	8.750E+05	1.155E+07	-4.046E-02	8.074E-03
224	4	381.75	12	-1.164E+02	-3.045E+04	4.560E+03	8.616E-02	8.939E+05	1.155E+07	-4.046E-02	8.178E-03
224	4	381.75	13	1.916E+03	-3.046E+04	4.530E+03	8.322E-02	8.690E+05	1.155E+07	-4.047E-02	7.999E-03
224	4	381.75	14	2.004E+03	-3.046E+04	4.495E+03	8.324E-02	8.879E+05	1.155E+07	-4.047E-02	8.103E-03
224	4	381.75	15	-1.273E+02	-3.045E+04	4.546E+03	8.322E-02	8.639E+05	1.155E+07	-4.046E-02	7.974E-03
224	4	381.75	16	-3.927E+01	-3.045E+04	4.511E+03	8.324E-02	8.828E+05	1.155E+07	-4.046E-02	8.078E-03
224	5	509.00	1	-5.551E+03	-3.276E+04	-5.216E+03	-4.549E-02	5.280E+05	7.438E+06	7.359E-09	6.801E-09
224	5	509.00	2	-5.464E+03	-3.276E+04	-5.251E+03	-4.548E-02	5.513E+05	7.438E+06	7.359E-09	6.810E-09
224	5	509.00	3	-7.595E+03	-3.276E+04	-5.200E+03	-4.549E-02	5.208E+05	7.437E+06	7.361E-09	6.804E-09
224	5	509.00	4	-7.507E+03	-3.276E+04	-5.235E+03	-4.548E-02	5.442E+05	7.437E+06	7.361E-09	6.814E-09
224	5	509.00	5	-5.474E+03	-3.277E+04	-5.265E+03	-4.842E-02	5.231E+05	7.436E+06	7.359E-09	6.775E-09
224	5	509.00	6	-5.386E+03	-3.277E+04	-5.300E+03	-4.841E-02	5.464E+05	7.436E+06	7.359E-09	6.784E-09
224	5	509.00	7	-7.517E+03	-3.276E+04	-5.249E+03	-4.842E-02	5.159E+05	7.434E+06	7.360E-09	6.778E-09
224	5	509.00	8	-7.429E+03	-3.276E+04	-5.284E+03	-4.841E-02	5.393E+05	7.434E+06	7.360E-09	6.788E-09
224	5	509.00	9	1.841E+03	-3.261E+04	4.579E+03	8.615E-02	-2.213E+05	7.542E+06	7.381E-09	-6.836E-09
224	5	509.00	10	1.929E+03	-3.261E+04	4.544E+03	8.616E-02	-1.980E+05	7.542E+06	7.381E-09	-6.827E-09
224	5	509.00	11	-2.023E+02	-3.260E+04	4.595E+03	8.615E-02	-2.285E+05	7.541E+06	7.382E-09	-6.833E-09
224	5	509.00	12	-1.143E+02	-3.260E+04	4.560E+03	8.616E-02	-2.051E+05	7.541E+06	7.383E-09	-6.823E-09
224	5	509.00	13	1.918E+03	-3.261E+04	4.530E+03	8.322E-02	-2.262E+05	7.540E+06	7.380E-09	-6.862E-09
224	5	509.00	14	2.006E+03	-3.261E+04	4.495E+03	8.324E-02	-2.029E+05	7.540E+06	7.380E-09	-6.853E-09
224	5	509.00	15	-1.251E+02	-3.261E+04	4.546E+03	8.322E-02	-2.334E+05	7.539E+06	7.382E-09	-6.859E-09
224	5	509.00	16	-3.715E+01	-3.261E+04	4.511E+03	8.324E-02	-2.100E+05	7.539E+06	7.382E-09	-6.849E-09
225	1	0.00	1	3.853E+02	-3.999E+04	-7.611E+03	-1.770E-01	-6.158E+05	7.522E+06	0.000E+00	0.000E+00
225	1	0.00	2	2.627E+02	-3.999E+04	-7.646E+03	-1.770E-01	-5.996E+05	7.522E+06	0.000E+00	0.000E+00
225	1	0.00	3	4.148E+02	-3.998E+04	-7.570E+03	-1.770E-01	-6.086E+05	7.521E+06	0.000E+00	0.000E+00
225	1	0.00	4	2.922E+02	-3.998E+04	-7.605E+03	-1.770E-01	-5.924E+05	7.521E+06	0.000E+00	0.000E+00
225	1	0.00	5	3.164E+02	-3.998E+04	-7.669E+03	-1.799E-01	-6.219E+05	7.524E+06	0.000E+00	0.000E+00
225	1	0.00	6	1.938E+02	-3.999E+04	-7.704E+03	-1.798E-01	-6.057E+05	7.524E+06	0.000E+00	0.000E+00
225	1	0.00	7	3.458E+02	-3.998E+04	-7.627E+03	-1.799E-01	-6.147E+05	7.522E+06	0.000E+00	0.000E+00

225	1	0.00	8	2.232E+02	-3.998E+04	-7.662E+03	-1.798E-01	-5.985E+05	7.522E+06	0.000E+00	0.000E+00
225	1	0.00	9	-5.788E+03	-4.015E+04	5.809E+03	-4.770E-02	2.776E+05	7.454E+06	0.000E+00	0.000E+00
225	1	0.00	10	-5.910E+03	-4.015E+04	5.774E+03	-4.769E-02	2.938E+05	7.454E+06	0.000E+00	0.000E+00
225	1	0.00	11	-5.758E+03	-4.014E+04	5.851E+03	-4.770E-02	2.849E+05	7.453E+06	0.000E+00	0.000E+00
225	1	0.00	12	-5.881E+03	-4.014E+04	5.816E+03	-4.769E-02	3.011E+05	7.453E+06	0.000E+00	0.000E+00
225	1	0.00	13	-5.857E+03	-4.014E+04	5.752E+03	-5.057E-02	2.715E+05	7.456E+06	0.000E+00	0.000E+00
225	1	0.00	14	-5.979E+03	-4.014E+04	5.717E+03	-5.056E-02	2.877E+05	7.456E+06	0.000E+00	0.000E+00
225	1	0.00	15	-5.827E+03	-4.014E+04	5.793E+03	-5.057E-02	2.787E+05	7.455E+06	0.000E+00	0.000E+00
225	1	0.00	16	-5.950E+03	-4.014E+04	5.758E+03	-5.056E-02	2.949E+05	7.455E+06	0.000E+00	0.000E+00
225	2	45.25	1	3.862E+02	-4.075E+04	-7.611E+03	-1.770E-01	1.506E+05	5.695E+06	-1.675E-03	1.772E-04
225	2	45.25	2	2.636E+02	-4.075E+04	-7.646E+03	-1.770E-01	1.684E+05	5.695E+06	-1.675E-03	1.928E-04
225	2	45.25	3	4.156E+02	-4.075E+04	-7.570E+03	-1.770E-01	1.559E+05	5.694E+06	-1.674E-03	1.806E-04
225	2	45.25	4	2.930E+02	-4.075E+04	-7.605E+03	-1.770E-01	1.737E+05	5.694E+06	-1.674E-03	1.962E-04
225	2	45.25	5	3.172E+02	-4.075E+04	-7.669E+03	-1.799E-01	1.470E+05	5.697E+06	-1.675E-03	1.757E-04
225	2	45.25	6	1.946E+02	-4.075E+04	-7.704E+03	-1.798E-01	1.648E+05	5.697E+06	-1.675E-03	1.913E-04
225	2	45.25	7	3.467E+02	-4.074E+04	-7.627E+03	-1.799E-01	1.524E+05	5.696E+06	-1.675E-03	1.791E-04
225	2	45.25	8	2.240E+02	-4.074E+04	-7.662E+03	-1.798E-01	1.702E+05	5.696E+06	-1.675E-03	1.947E-04
225	2	45.25	9	-5.787E+03	-4.091E+04	5.809E+03	-4.770E-02	-4.072E+05	5.620E+06	-1.646E-03	-3.450E-04
225	2	45.25	10	-5.909E+03	-4.091E+04	5.774E+03	-4.769E-02	-3.894E+05	5.620E+06	-1.646E-03	-3.293E-04
225	2	45.25	11	-5.757E+03	-4.091E+04	5.851E+03	-4.770E-02	-4.019E+05	5.619E+06	-1.646E-03	-3.416E-04
225	2	45.25	12	-5.880E+03	-4.091E+04	5.816E+03	-4.769E-02	-3.841E+05	5.619E+06	-1.646E-03	-3.260E-04
225	2	45.25	13	-5.856E+03	-4.091E+04	5.752E+03	-5.057E-02	-4.107E+05	5.622E+06	-1.647E-03	-3.465E-04
225	2	45.25	14	-5.978E+03	-4.091E+04	5.717E+03	-5.056E-02	-3.929E+05	5.622E+06	-1.647E-03	-3.308E-04
225	2	45.25	15	-5.826E+03	-4.090E+04	5.793E+03	-5.057E-02	-4.054E+05	5.621E+06	-1.646E-03	-3.431E-04
225	2	45.25	16	-5.949E+03	-4.090E+04	5.758E+03	-5.056E-02	-3.876E+05	5.621E+06	-1.646E-03	-3.274E-04
225	3	90.50	1	3.870E+02	-4.152E+04	-7.611E+03	-1.770E-01	2.872E+05	3.834E+06	-1.933E-03	3.176E-04
225	3	90.50	2	2.644E+02	-4.152E+04	-7.646E+03	-1.770E-01	3.065E+05	3.834E+06	-1.933E-03	3.391E-04
225	3	90.50	3	4.165E+02	-4.151E+04	-7.570E+03	-1.770E-01	2.906E+05	3.833E+06	-1.932E-03	3.214E-04
225	3	90.50	4	2.939E+02	-4.151E+04	-7.605E+03	-1.770E-01	3.100E+05	3.833E+06	-1.932E-03	3.429E-04
225	3	90.50	5	3.181E+02	-4.152E+04	-7.669E+03	-1.799E-01	2.862E+05	3.836E+06	-1.934E-03	3.166E-04
225	3	90.50	6	1.954E+02	-4.152E+04	-7.704E+03	-1.798E-01	3.056E+05	3.836E+06	-1.934E-03	3.380E-04
225	3	90.50	7	3.475E+02	-4.151E+04	-7.627E+03	-1.799E-01	2.897E+05	3.835E+06	-1.933E-03	3.204E-04
225	3	90.50	8	2.249E+02	-4.151E+04	-7.662E+03	-1.798E-01	3.090E+05	3.835E+06	-1.933E-03	3.418E-04
225	3	90.50	9	-5.786E+03	-4.168E+04	5.809E+03	-4.770E-02	-4.622E+05	3.752E+06	-1.893E-03	-5.113E-04
225	3	90.50	10	-5.908E+03	-4.168E+04	5.774E+03	-4.769E-02	-4.428E+05	3.752E+06	-1.893E-03	-4.898E-04
225	3	90.50	11	-5.756E+03	-4.167E+04	5.851E+03	-4.770E-02	-4.588E+05	3.751E+06	-1.893E-03	-5.075E-04
225	3	90.50	12	-5.879E+03	-4.167E+04	5.816E+03	-4.769E-02	-4.394E+05	3.751E+06	-1.893E-03	-4.860E-04
225	3	90.50	13	-5.855E+03	-4.168E+04	5.752E+03	-5.057E-02	-4.632E+05	3.753E+06	-1.894E-03	-5.123E-04
225	3	90.50	14	-5.977E+03	-4.168E+04	5.717E+03	-5.056E-02	-4.438E+05	3.754E+06	-1.894E-03	-4.909E-04
225	3	90.50	15	-5.825E+03	-4.167E+04	5.793E+03	-5.057E-02	-4.597E+05	3.753E+06	-1.894E-03	-5.085E-04
225	3	90.50	16	-5.948E+03	-4.167E+04	5.758E+03	-5.056E-02	-4.403E+05	3.753E+06	-1.894E-03	-4.871E-04
225	4	135.75	1	3.879E+02	-4.229E+04	-7.611E+03	-1.770E-01	5.756E+05	1.938E+06	-1.222E-03	3.117E-04
225	4	135.75	2	2.653E+02	-4.229E+04	-7.646E+03	-1.770E-01	5.966E+05	1.938E+06	-1.222E-03	3.283E-04
225	4	135.75	3	4.173E+02	-4.228E+04	-7.570E+03	-1.770E-01	5.772E+05	1.937E+06	-1.222E-03	3.141E-04
225	4	135.75	4	2.947E+02	-4.228E+04	-7.605E+03	-1.770E-01	5.982E+05	1.937E+06	-1.222E-03	3.306E-04
225	4	135.75	5	3.189E+02	-4.228E+04	-7.669E+03	-1.799E-01	5.773E+05	1.940E+06	-1.223E-03	3.117E-04
225	4	135.75	6	1.963E+02	-4.228E+04	-7.704E+03	-1.798E-01	5.983E+05	1.940E+06	-1.223E-03	3.282E-04
225	4	135.75	7	3.484E+02	-4.228E+04	-7.627E+03	-1.799E-01	5.789E+05	1.939E+06	-1.223E-03	3.140E-04
225	4	135.75	8	2.257E+02	-4.228E+04	-7.662E+03	-1.798E-01	5.998E+05	1.939E+06	-1.223E-03	3.305E-04
225	4	135.75	9	-5.785E+03	-4.244E+04	5.809E+03	-4.770E-02	-6.692E+05	1.848E+06	-1.192E-03	-4.344E-04
225	4	135.75	10	-5.908E+03	-4.245E+04	5.774E+03	-4.769E-02	-6.482E+05	1.848E+06	-1.192E-03	-4.179E-04
225	4	135.75	11	-5.756E+03	-4.244E+04	5.851E+03	-4.770E-02	-6.676E+05	1.848E+06	-1.192E-03	-4.321E-04
225	4	135.75	12	-5.878E+03	-4.244E+04	5.816E+03	-4.769E-02	-6.466E+05	1.848E+06	-1.192E-03	-4.156E-04
225	4	135.75	13	-5.854E+03	-4.244E+04	5.752E+03	-5.057E-02	-6.675E+05	1.850E+06	-1.192E-03	-4.345E-04
225	4	135.75	14	-5.977E+03	-4.244E+04	5.717E+03	-5.056E-02	-6.465E+05	1.850E+06	-1.192E-03	-4.180E-04
225	4	135.75	15	-5.825E+03	-4.243E+04	5.793E+03	-5.057E-02	-6.660E+05	1.850E+06	-1.192E-03	-4.322E-04
225	4	135.75	16	-5.947E+03	-4.244E+04	5.758E+03	-5.056E-02	-6.450E+05	1.850E+06	-1.192E-03	-4.156E-04
225	5	181.00	1	3.887E+02	-4.305E+04	-7.611E+03	-1.770E-01	8.989E+05	6.866E+03	-7.019E-11	-1.181E-10
225	5	181.00	2	2.661E+02	-4.305E+04	-7.646E+03	-1.770E-01	9.214E+05	6.856E+03	-7.019E-11	-1.154E-10
225	5	181.00	3	4.182E+02	-4.305E+04	-7.570E+03	-1.770E-01	8.985E+05	6.875E+03	-7.030E-11	-1.191E-10
225	5	181.00	4	2.956E+02	-4.305E+04	-7.605E+03	-1.770E-01	9.211E+05	6.866E+03	-7.030E-11	-1.165E-10
225	5	181.00	5	3.198E+02	-4.305E+04	-7.669E+03	-1.799E-01	9.031E+05	9.009E+03	-7.021E-11	-1.188E-10

225	5	181.00	6	1.971E+02	-4.305E+04	-7.704E+03	-1.798E-01	9.257E+05	8.999E+03	-7.021E-11	-1.161E-10
225	5	181.00	7	3.492E+02	-4.304E+04	-7.627E+03	-1.799E-01	9.028E+05	9.018E+03	-7.033E-11	-1.199E-10
225	5	181.00	8	2.266E+02	-4.304E+04	-7.662E+03	-1.798E-01	9.254E+05	9.009E+03	-7.033E-11	-1.172E-10
225	5	181.00	9	-5.784E+03	-4.321E+04	5.809E+03	-4.770E-02	-9.109E+05	-8.960E+04	-6.068E-11	1.151E-10
225	5	181.00	10	-5.907E+03	-4.321E+04	5.774E+03	-4.769E-02	-8.883E+05	-8.961E+04	-6.068E-11	1.178E-10
225	5	181.00	11	-5.755E+03	-4.320E+04	5.851E+03	-4.770E-02	-9.112E+05	-8.959E+04	-6.079E-11	1.140E-10
225	5	181.00	12	-5.877E+03	-4.320E+04	5.816E+03	-4.769E-02	-8.886E+05	-8.960E+04	-6.079E-11	1.167E-10
225	5	181.00	13	-5.853E+03	-4.321E+04	5.752E+03	-5.057E-02	-9.066E+05	-8.746E+04	-6.071E-11	1.144E-10
225	5	181.00	14	-5.976E+03	-4.321E+04	5.717E+03	-5.056E-02	-8.840E+05	-8.747E+04	-6.071E-11	1.170E-10
225	5	181.00	15	-5.824E+03	-4.320E+04	5.793E+03	-5.057E-02	-9.069E+05	-8.745E+04	-6.082E-11	1.133E-10
225	5	181.00	16	-5.946E+03	-4.320E+04	5.758E+03	-5.056E-02	-8.844E+05	-8.746E+04	-6.082E-11	1.160E-10
226	1	0.00	1	-5.979E+03	-4.014E+04	-5.717E+03	5.056E-02	-2.877E+05	7.456E+06	0.000E+00	0.000E+00
226	1	0.00	2	-5.857E+03	-4.014E+04	-5.752E+03	5.057E-02	-2.715E+05	7.456E+06	0.000E+00	0.000E+00
226	1	0.00	3	-5.950E+03	-4.014E+04	-5.758E+03	5.056E-02	-2.949E+05	7.455E+06	0.000E+00	0.000E+00
226	1	0.00	4	-5.827E+03	-4.014E+04	-5.793E+03	5.057E-02	-2.787E+05	7.455E+06	0.000E+00	0.000E+00
226	1	0.00	5	-5.910E+03	-4.015E+04	-5.774E+03	4.769E-02	-2.938E+05	7.454E+06	0.000E+00	0.000E+00
226	1	0.00	6	-5.788E+03	-4.015E+04	-5.809E+03	4.770E-02	-2.776E+05	7.454E+06	0.000E+00	0.000E+00
226	1	0.00	7	-5.881E+03	-4.014E+04	-5.816E+03	4.769E-02	-3.011E+05	7.453E+06	0.000E+00	0.000E+00
226	1	0.00	8	-5.758E+03	-4.014E+04	-5.851E+03	4.770E-02	-2.849E+05	7.453E+06	0.000E+00	0.000E+00
226	1	0.00	9	1.938E+02	-3.999E+04	7.704E+03	1.798E-01	6.057E+05	7.524E+06	0.000E+00	0.000E+00
226	1	0.00	10	3.164E+02	-3.998E+04	7.669E+03	1.799E-01	6.219E+05	7.524E+06	0.000E+00	0.000E+00
226	1	0.00	11	2.232E+02	-3.998E+04	7.662E+03	1.798E-01	5.985E+05	7.522E+06	0.000E+00	0.000E+00
226	1	0.00	12	3.458E+02	-3.998E+04	7.627E+03	1.799E-01	6.147E+05	7.522E+06	0.000E+00	0.000E+00
226	1	0.00	13	2.627E+02	-3.999E+04	7.646E+03	1.770E-01	5.996E+05	7.522E+06	0.000E+00	0.000E+00
226	1	0.00	14	3.853E+02	-3.999E+04	7.611E+03	1.770E-01	6.158E+05	7.522E+06	0.000E+00	0.000E+00
226	1	0.00	15	2.922E+02	-3.998E+04	7.605E+03	1.770E-01	5.924E+05	7.521E+06	0.000E+00	0.000E+00
226	1	0.00	16	4.148E+02	-3.998E+04	7.570E+03	1.770E-01	6.086E+05	7.521E+06	0.000E+00	0.000E+00
226	2	45.25	1	-5.978E+03	-4.091E+04	-5.717E+03	5.056E-02	3.929E+05	5.622E+06	-1.647E-03	3.308E-04
226	2	45.25	2	-5.856E+03	-4.091E+04	-5.752E+03	5.057E-02	4.107E+05	5.622E+06	-1.647E-03	3.465E-04
226	2	45.25	3	-5.949E+03	-4.090E+04	-5.758E+03	5.056E-02	3.876E+05	5.621E+06	-1.646E-03	3.274E-04
226	2	45.25	4	-5.826E+03	-4.090E+04	-5.793E+03	5.057E-02	4.054E+05	5.621E+06	-1.646E-03	3.431E-04
226	2	45.25	5	-5.909E+03	-4.091E+04	-5.774E+03	4.769E-02	3.894E+05	5.620E+06	-1.646E-03	3.293E-04
226	2	45.25	6	-5.787E+03	-4.091E+04	-5.809E+03	4.770E-02	4.072E+05	5.620E+06	-1.646E-03	3.450E-04
226	2	45.25	7	-5.880E+03	-4.091E+04	-5.816E+03	4.769E-02	3.841E+05	5.619E+06	-1.646E-03	3.260E-04
226	2	45.25	8	-5.757E+03	-4.091E+04	-5.851E+03	4.770E-02	4.019E+05	5.619E+06	-1.646E-03	3.416E-04
226	2	45.25	9	1.946E+02	-4.075E+04	7.704E+03	1.798E-01	-1.648E+05	5.697E+06	-1.675E-03	-1.913E-04
226	2	45.25	10	3.172E+02	-4.075E+04	7.669E+03	1.799E-01	-1.470E+05	5.697E+06	-1.675E-03	-1.757E-04
226	2	45.25	11	2.240E+02	-4.074E+04	7.662E+03	1.798E-01	-1.702E+05	5.696E+06	-1.675E-03	-1.947E-04
226	2	45.25	12	3.467E+02	-4.074E+04	7.627E+03	1.799E-01	-1.524E+05	5.696E+06	-1.675E-03	-1.791E-04
226	2	45.25	13	2.636E+02	-4.075E+04	7.646E+03	1.770E-01	-1.684E+05	5.695E+06	-1.675E-03	-1.928E-04
226	2	45.25	14	3.862E+02	-4.075E+04	7.611E+03	1.770E-01	-1.506E+05	5.695E+06	-1.675E-03	-1.772E-04
226	2	45.25	15	2.930E+02	-4.075E+04	7.605E+03	1.770E-01	-1.737E+05	5.694E+06	-1.674E-03	-1.962E-04
226	2	45.25	16	4.156E+02	-4.075E+04	7.570E+03	1.770E-01	-1.559E+05	5.694E+06	-1.674E-03	-1.806E-04
226	3	90.50	1	-5.977E+03	-4.168E+04	-5.717E+03	5.056E-02	4.438E+05	3.754E+06	-1.894E-03	4.909E-04
226	3	90.50	2	-5.855E+03	-4.168E+04	-5.752E+03	5.057E-02	4.632E+05	3.753E+06	-1.894E-03	5.123E-04
226	3	90.50	3	-5.948E+03	-4.167E+04	-5.758E+03	5.056E-02	4.403E+05	3.753E+06	-1.894E-03	4.871E-04
226	3	90.50	4	-5.825E+03	-4.167E+04	-5.793E+03	5.057E-02	4.597E+05	3.753E+06	-1.894E-03	5.085E-04
226	3	90.50	5	-5.908E+03	-4.168E+04	-5.774E+03	4.769E-02	4.428E+05	3.752E+06	-1.893E-03	4.898E-04
226	3	90.50	6	-5.786E+03	-4.168E+04	-5.809E+03	4.770E-02	4.622E+05	3.752E+06	-1.893E-03	5.113E-04
226	3	90.50	7	-5.879E+03	-4.167E+04	-5.816E+03	4.769E-02	4.394E+05	3.751E+06	-1.893E-03	4.860E-04
226	3	90.50	8	-5.756E+03	-4.167E+04	-5.851E+03	4.770E-02	4.588E+05	3.751E+06	-1.893E-03	5.075E-04
226	3	90.50	9	1.954E+02	-4.152E+04	7.704E+03	1.798E-01	-3.056E+05	3.836E+06	-1.934E-03	-3.380E-04
226	3	90.50	10	3.181E+02	-4.152E+04	7.669E+03	1.799E-01	-2.862E+05	3.836E+06	-1.934E-03	-3.166E-04
226	3	90.50	11	2.249E+02	-4.151E+04	7.662E+03	1.798E-01	-3.090E+05	3.835E+06	-1.933E-03	-3.418E-04
226	3	90.50	12	3.475E+02	-4.151E+04	7.627E+03	1.799E-01	-2.897E+05	3.835E+06	-1.933E-03	-3.204E-04
226	3	90.50	13	2.644E+02	-4.152E+04	7.646E+03	1.770E-01	-3.065E+05	3.834E+06	-1.933E-03	-3.391E-04
226	3	90.50	14	3.870E+02	-4.152E+04	7.611E+03	1.770E-01	-2.872E+05	3.834E+06	-1.933E-03	-3.176E-04
226	3	90.50	15	2.939E+02	-4.151E+04	7.605E+03	1.770E-01	-3.100E+05	3.833E+06	-1.932E-03	-3.429E-04
226	3	90.50	16	4.165E+02	-4.151E+04	7.570E+03	1.770E-01	-2.906E+05	3.833E+06	-1.932E-03	-3.214E-04
226	4	135.75	1	-5.977E+03	-4.244E+04	-5.717E+03	5.056E-02	6.465E+05	1.850E+06	-1.192E-03	4.180E-04
226	4	135.75	2	-5.854E+03	-4.244E+04	-5.752E+03	5.057E-02	6.675E+05	1.850E+06	-1.192E-03	4.345E-04
226	4	135.75	3	-5.947E+03	-4.244E+04	-5.758E+03	5.056E-02	6.450E+05	1.850E+06	-1.192E-03	4.156E-04

226	4	135.75	4	-5.825E+03	-4.243E+04	-5.793E+03	5.057E-02	6.660E+05	1.850E+06	-1.192E-03	4.322E-04
226	4	135.75	5	-5.908E+03	-4.245E+04	-5.774E+03	4.769E-02	6.482E+05	1.848E+06	-1.192E-03	4.179E-04
226	4	135.75	6	-5.785E+03	-4.244E+04	-5.809E+03	4.770E-02	6.692E+05	1.848E+06	-1.192E-03	4.344E-04
226	4	135.75	7	-5.878E+03	-4.244E+04	-5.816E+03	4.769E-02	6.466E+05	1.848E+06	-1.192E-03	4.156E-04
226	4	135.75	8	-5.756E+03	-4.244E+04	-5.851E+03	4.770E-02	6.676E+05	1.848E+06	-1.192E-03	4.321E-04
226	4	135.75	9	1.963E+02	-4.228E+04	7.704E+03	1.798E-01	-5.983E+05	1.940E+06	-1.223E-03	-3.282E-04
226	4	135.75	10	3.189E+02	-4.228E+04	7.669E+03	1.799E-01	-5.773E+05	1.940E+06	-1.223E-03	-3.117E-04
226	4	135.75	11	2.257E+02	-4.228E+04	7.662E+03	1.798E-01	-5.998E+05	1.939E+06	-1.223E-03	-3.305E-04
226	4	135.75	12	3.484E+02	-4.228E+04	7.627E+03	1.799E-01	-5.789E+05	1.939E+06	-1.223E-03	-3.140E-04
226	4	135.75	13	2.653E+02	-4.229E+04	7.646E+03	1.770E-01	-5.966E+05	1.938E+06	-1.222E-03	-3.283E-04
226	4	135.75	14	3.879E+02	-4.229E+04	7.611E+03	1.770E-01	-5.756E+05	1.938E+06	-1.222E-03	-3.117E-04
226	4	135.75	15	2.947E+02	-4.228E+04	7.605E+03	1.770E-01	-5.982E+05	1.937E+06	-1.222E-03	-3.306E-04
226	4	135.75	16	4.173E+02	-4.228E+04	7.570E+03	1.770E-01	-5.772E+05	1.937E+06	-1.222E-03	-3.141E-04
226	5	181.00	1	-5.976E+03	-4.321E+04	-5.717E+03	5.056E-02	8.840E+05	-8.747E+04	-6.071E-11	-1.170E-10
226	5	181.00	2	-5.853E+03	-4.321E+04	-5.752E+03	5.057E-02	9.066E+05	-8.746E+04	-6.071E-11	-1.144E-10
226	5	181.00	3	-5.946E+03	-4.320E+04	-5.758E+03	5.056E-02	8.844E+05	-8.746E+04	-6.082E-11	-1.160E-10
226	5	181.00	4	-5.824E+03	-4.320E+04	-5.793E+03	5.057E-02	9.069E+05	-8.745E+04	-6.082E-11	-1.133E-10
226	5	181.00	5	-5.907E+03	-4.321E+04	-5.774E+03	4.769E-02	8.883E+05	-8.961E+04	-6.068E-11	-1.178E-10
226	5	181.00	6	-5.784E+03	-4.321E+04	-5.809E+03	4.770E-02	9.109E+05	-8.960E+04	-6.068E-11	-1.151E-10
226	5	181.00	7	-5.877E+03	-4.320E+04	-5.816E+03	4.769E-02	8.886E+05	-8.960E+04	-6.079E-11	-1.167E-10
226	5	181.00	8	-5.755E+03	-4.320E+04	-5.851E+03	4.770E-02	9.112E+05	-8.959E+04	-6.079E-11	-1.140E-10
226	5	181.00	9	1.971E+02	-4.305E+04	7.704E+03	1.798E-01	-9.257E+05	8.999E+03	-7.021E-11	1.161E-10
226	5	181.00	10	3.198E+02	-4.305E+04	7.669E+03	1.799E-01	-9.031E+05	9.009E+03	-7.021E-11	1.188E-10
226	5	181.00	11	2.266E+02	-4.304E+04	7.662E+03	1.798E-01	-9.254E+05	9.009E+03	-7.033E-11	1.172E-10
226	5	181.00	12	3.492E+02	-4.304E+04	7.627E+03	1.799E-01	-9.028E+05	9.018E+03	-7.033E-11	1.199E-10
226	5	181.00	13	2.661E+02	-4.305E+04	7.646E+03	1.770E-01	-9.214E+05	6.856E+03	-7.019E-11	1.154E-10
226	5	181.00	14	3.887E+02	-4.305E+04	7.611E+03	1.770E-01	-8.989E+05	6.866E+03	-7.019E-11	1.181E-10
226	5	181.00	15	2.956E+02	-4.305E+04	7.605E+03	1.770E-01	-9.211E+05	6.866E+03	-7.030E-11	1.164E-10
226	5	181.00	16	4.182E+02	-4.305E+04	7.570E+03	1.770E-01	-8.985E+05	6.875E+03	-7.030E-11	1.191E-10
227	1	0.00	1	4.229E+01	1.168E+03	8.021E+01	8.647E-11	5.534E+03	-4.030E+04	0.000E+00	0.000E+00
227	1	0.00	2	4.589E+01	1.168E+03	8.021E+01	8.643E-11	5.534E+03	-4.030E+04	0.000E+00	0.000E+00
227	1	0.00	3	-4.928E+01	1.168E+03	8.021E+01	7.291E-11	5.534E+03	-4.029E+04	0.000E+00	0.000E+00
227	1	0.00	4	-4.567E+01	1.168E+03	8.021E+01	7.286E-11	5.534E+03	-4.029E+04	0.000E+00	0.000E+00
227	1	0.00	5	4.229E+01	1.168E+03	8.035E+01	8.685E-11	5.544E+03	-4.030E+04	0.000E+00	0.000E+00
227	1	0.00	6	4.589E+01	1.168E+03	8.035E+01	8.681E-11	5.544E+03	-4.030E+04	0.000E+00	0.000E+00
227	1	0.00	7	-4.928E+01	1.168E+03	8.035E+01	7.329E-11	5.544E+03	-4.029E+04	0.000E+00	0.000E+00
227	1	0.00	8	-4.567E+01	1.168E+03	8.035E+01	7.324E-11	5.544E+03	-4.029E+04	0.000E+00	0.000E+00
227	1	0.00	9	4.229E+01	1.168E+03	-8.035E+01	-6.807E-11	-5.544E+03	-4.030E+04	0.000E+00	0.000E+00
227	1	0.00	10	4.589E+01	1.168E+03	-8.035E+01	-6.811E-11	-5.544E+03	-4.030E+04	0.000E+00	0.000E+00
227	1	0.00	11	-4.928E+01	1.168E+03	-8.035E+01	-8.163E-11	-5.544E+03	-4.029E+04	0.000E+00	0.000E+00
227	1	0.00	12	-4.567E+01	1.168E+03	-8.035E+01	-8.168E-11	-5.544E+03	-4.029E+04	0.000E+00	0.000E+00
227	1	0.00	13	4.229E+01	1.168E+03	-8.021E+01	-6.769E-11	-5.534E+03	-4.030E+04	0.000E+00	0.000E+00
227	1	0.00	14	4.589E+01	1.168E+03	-8.021E+01	-6.773E-11	-5.534E+03	-4.030E+04	0.000E+00	0.000E+00
227	1	0.00	15	-4.928E+01	1.168E+03	-8.021E+01	-8.125E-11	-5.534E+03	-4.029E+04	0.000E+00	0.000E+00
227	1	0.00	16	-4.567E+01	1.168E+03	-8.021E+01	-8.130E-11	-5.534E+03	-4.029E+04	0.000E+00	0.000E+00
227	2	17.25	1	4.271E+01	8.761E+02	8.021E+01	8.647E-11	4.151E+03	-2.267E+04	-9.208E-06	3.892E-07
227	2	17.25	2	4.631E+01	8.761E+02	8.021E+01	8.643E-11	4.151E+03	-2.267E+04	-9.208E-06	3.892E-07
227	2	17.25	3	-4.885E+01	8.759E+02	8.021E+01	7.291E-11	4.151E+03	-2.266E+04	-9.209E-06	3.892E-07
227	2	17.25	4	-4.525E+01	8.759E+02	8.021E+01	7.286E-11	4.151E+03	-2.266E+04	-9.209E-06	3.892E-07
227	2	17.25	5	4.271E+01	8.761E+02	8.035E+01	8.685E-11	4.158E+03	-2.267E+04	-9.208E-06	3.899E-07
227	2	17.25	6	4.631E+01	8.761E+02	8.035E+01	8.681E-11	4.158E+03	-2.267E+04	-9.208E-06	3.899E-07
227	2	17.25	7	-4.885E+01	8.759E+02	8.035E+01	7.329E-11	4.158E+03	-2.266E+04	-9.209E-06	3.899E-07
227	2	17.25	8	-4.525E+01	8.759E+02	8.035E+01	7.324E-11	4.158E+03	-2.266E+04	-9.209E-06	3.899E-07
227	2	17.25	9	4.271E+01	8.761E+02	-8.035E+01	-6.807E-11	-4.158E+03	-2.267E+04	-9.208E-06	-3.899E-07
227	2	17.25	10	4.631E+01	8.761E+02	-8.035E+01	-6.811E-11	-4.158E+03	-2.267E+04	-9.208E-06	-3.899E-07
227	2	17.25	11	-4.885E+01	8.759E+02	-8.035E+01	-8.163E-11	-4.158E+03	-2.266E+04	-9.209E-06	-3.899E-07
227	2	17.25	12	-4.525E+01	8.759E+02	-8.035E+01	-8.168E-11	-4.158E+03	-2.266E+04	-9.209E-06	-3.899E-07
227	2	17.25	13	4.271E+01	8.761E+02	-8.021E+01	-6.769E-11	-4.151E+03	-2.267E+04	-9.208E-06	-3.892E-07
227	2	17.25	14	4.631E+01	8.761E+02	-8.021E+01	-6.773E-11	-4.151E+03	-2.267E+04	-9.208E-06	-3.892E-07
227	2	17.25	15	-4.885E+01	8.759E+02	-8.021E+01	-8.125E-11	-4.151E+03	-2.266E+04	-9.209E-06	-3.892E-07
227	2	17.25	16	-4.525E+01	8.759E+02	-8.021E+01	-8.130E-11	-4.151E+03	-2.266E+04	-9.209E-06	-3.892E-07
227	3	34.50	1	4.314E+01	5.841E+02	8.021E+01	8.647E-11	2.767E+03	-1.008E+04	-1.254E-05	4.448E-07

227	3	34.50	2	4.674E+01	5.841E+02	8.021E+01	8.643E-11	2.767E+03	-1.008E+04	-1.254E-05	4.448E-07
227	3	34.50	3	-4.843E+01	5.839E+02	8.021E+01	7.291E-11	2.767E+03	-1.007E+04	-1.254E-05	4.448E-07
227	3	34.50	4	-4.483E+01	5.839E+02	8.021E+01	7.286E-11	2.767E+03	-1.007E+04	-1.254E-05	4.448E-07
227	3	34.50	5	4.314E+01	5.841E+02	8.035E+01	8.685E-11	2.772E+03	-1.008E+04	-1.254E-05	4.456E-07
227	3	34.50	6	4.674E+01	5.841E+02	8.035E+01	8.681E-11	2.772E+03	-1.008E+04	-1.254E-05	4.456E-07
227	3	34.50	7	-4.843E+01	5.839E+02	8.035E+01	7.329E-11	2.772E+03	-1.007E+04	-1.254E-05	4.456E-07
227	3	34.50	8	-4.483E+01	5.839E+02	8.035E+01	7.324E-11	2.772E+03	-1.007E+04	-1.254E-05	4.456E-07
227	3	34.50	9	4.314E+01	5.841E+02	-8.035E+01	-6.807E-11	-2.772E+03	-1.008E+04	-1.254E-05	-4.456E-07
227	3	34.50	10	4.674E+01	5.841E+02	-8.035E+01	-6.811E-11	-2.772E+03	-1.008E+04	-1.254E-05	-4.456E-07
227	3	34.50	11	-4.843E+01	5.839E+02	-8.035E+01	-8.163E-11	-2.772E+03	-1.007E+04	-1.254E-05	-4.456E-07
227	3	34.50	12	-4.483E+01	5.839E+02	-8.035E+01	-8.168E-11	-2.772E+03	-1.007E+04	-1.254E-05	-4.456E-07
227	3	34.50	13	4.314E+01	5.841E+02	-8.021E+01	-6.769E-11	-2.767E+03	-1.008E+04	-1.254E-05	-4.448E-07
227	3	34.50	14	4.674E+01	5.841E+02	-8.021E+01	-6.773E-11	-2.767E+03	-1.008E+04	-1.254E-05	-4.448E-07
227	3	34.50	15	-4.843E+01	5.839E+02	-8.021E+01	-8.125E-11	-2.767E+03	-1.007E+04	-1.254E-05	-4.448E-07
227	3	34.50	16	-4.483E+01	5.839E+02	-8.021E+01	-8.130E-11	-2.767E+03	-1.007E+04	-1.254E-05	-4.448E-07
227	4	51.75	1	4.356E+01	2.921E+02	8.021E+01	8.647E-11	1.384E+03	-2.520E+03	-9.561E-06	2.780E-07
227	4	51.75	2	4.716E+01	2.921E+02	8.021E+01	8.643E-11	1.384E+03	-2.520E+03	-9.561E-06	2.780E-07
227	4	51.75	3	-4.801E+01	2.919E+02	8.021E+01	7.291E-11	1.384E+03	-2.517E+03	-9.561E-06	2.780E-07
227	4	51.75	4	-4.440E+01	2.919E+02	8.021E+01	7.286E-11	1.384E+03	-2.517E+03	-9.561E-06	2.780E-07
227	4	51.75	5	4.356E+01	2.921E+02	8.035E+01	8.685E-11	1.386E+03	-2.520E+03	-9.561E-06	2.785E-07
227	4	51.75	6	4.716E+01	2.921E+02	8.035E+01	8.681E-11	1.386E+03	-2.520E+03	-9.561E-06	2.785E-07
227	4	51.75	7	-4.801E+01	2.919E+02	8.035E+01	7.329E-11	1.386E+03	-2.517E+03	-9.561E-06	2.785E-07
227	4	51.75	8	-4.440E+01	2.919E+02	8.035E+01	7.324E-11	1.386E+03	-2.517E+03	-9.561E-06	2.785E-07
227	4	51.75	9	4.356E+01	2.921E+02	-8.035E+01	-6.807E-11	-1.386E+03	-2.520E+03	-9.561E-06	-2.785E-07
227	4	51.75	10	4.716E+01	2.921E+02	-8.035E+01	-6.811E-11	-1.386E+03	-2.520E+03	-9.561E-06	-2.785E-07
227	4	51.75	11	-4.801E+01	2.919E+02	-8.035E+01	-8.163E-11	-1.386E+03	-2.517E+03	-9.561E-06	-2.785E-07
227	4	51.75	12	-4.440E+01	2.919E+02	-8.035E+01	-8.168E-11	-1.386E+03	-2.517E+03	-9.561E-06	-2.785E-07
227	4	51.75	13	4.356E+01	2.921E+02	-8.021E+01	-6.769E-11	-1.384E+03	-2.520E+03	-9.561E-06	-2.780E-07
227	4	51.75	14	4.716E+01	2.921E+02	-8.021E+01	-6.773E-11	-1.384E+03	-2.520E+03	-9.561E-06	-2.780E-07
227	4	51.75	15	-4.801E+01	2.919E+02	-8.021E+01	-8.125E-11	-1.384E+03	-2.517E+03	-9.561E-06	-2.780E-07
227	4	51.75	16	-4.440E+01	2.919E+02	-8.021E+01	-8.130E-11	-1.384E+03	-2.517E+03	-9.561E-06	-2.780E-07
227	5	69.00	1	4.398E+01	6.374E-02	8.021E+01	8.647E-11	-1.510E-07	-9.127E-09	1.636E-13	2.166E-13
227	5	69.00	2	4.758E+01	6.896E-02	8.021E+01	8.643E-11	-1.510E-07	-9.118E-09	1.636E-13	2.166E-13
227	5	69.00	3	-4.758E+01	-6.896E-02	8.021E+01	7.291E-11	-1.440E-07	-1.101E-08	1.637E-13	2.166E-13
227	5	69.00	4	-4.398E+01	-6.374E-02	8.021E+01	7.286E-11	-1.439E-07	-1.100E-08	1.637E-13	2.166E-13
227	5	69.00	5	4.398E+01	6.374E-02	8.035E+01	8.685E-11	-1.502E-07	-9.141E-09	1.636E-13	2.165E-13
227	5	69.00	6	4.758E+01	6.896E-02	8.035E+01	8.681E-11	-1.502E-07	-9.131E-09	1.636E-13	2.165E-13
227	5	69.00	7	-4.758E+01	-6.896E-02	8.035E+01	7.329E-11	-1.432E-07	-1.103E-08	1.637E-13	2.165E-13
227	5	69.00	8	-4.398E+01	-6.374E-02	8.035E+01	7.324E-11	-1.431E-07	-1.102E-08	1.637E-13	2.165E-13
227	5	69.00	9	4.398E+01	6.374E-02	-8.035E+01	-6.807E-11	1.440E-07	4.965E-08	1.636E-13	-2.165E-13
227	5	69.00	10	4.758E+01	6.896E-02	-8.035E+01	-6.811E-11	1.441E-07	4.966E-08	1.636E-13	-2.165E-13
227	5	69.00	11	-4.758E+01	-6.896E-02	-8.035E+01	-8.163E-11	1.511E-07	4.777E-08	1.637E-13	-2.165E-13
227	5	69.00	12	-4.398E+01	-6.374E-02	-8.035E+01	-8.168E-11	1.512E-07	4.778E-08	1.637E-13	-2.165E-13
227	5	69.00	13	4.398E+01	6.374E-02	-8.021E+01	-6.769E-11	1.448E-07	4.964E-08	1.636E-13	-2.166E-13
227	5	69.00	14	4.758E+01	6.896E-02	-8.021E+01	-6.773E-11	1.449E-07	4.965E-08	1.636E-13	-2.166E-13
227	5	69.00	15	-4.758E+01	-6.896E-02	-8.021E+01	-8.125E-11	1.519E-07	4.776E-08	1.637E-13	-2.166E-13
227	5	69.00	16	-4.398E+01	-6.374E-02	-8.021E+01	-8.130E-11	1.520E-07	4.776E-08	1.637E-13	-2.166E-13
515	1	0.00	1	1.135E+04	2.640E+03	-6.527E+03	4.715E+04	-9.864E+05	-1.094E+03	0.000E+00	0.000E+00
515	1	0.00	2	1.135E+04	2.640E+03	-6.379E+03	4.715E+04	-9.639E+05	-1.069E+03	0.000E+00	0.000E+00
515	1	0.00	3	1.218E+04	2.640E+03	-6.527E+03	4.715E+04	-9.859E+05	-1.094E+03	0.000E+00	0.000E+00
515	1	0.00	4	1.218E+04	2.640E+03	-6.379E+03	4.715E+04	-9.634E+05	-1.069E+03	0.000E+00	0.000E+00
515	1	0.00	5	1.135E+04	2.640E+03	-6.657E+03	4.929E+04	-1.006E+06	-1.116E+03	0.000E+00	0.000E+00
515	1	0.00	6	1.135E+04	2.640E+03	-6.509E+03	4.930E+04	-9.837E+05	-1.091E+03	0.000E+00	0.000E+00
515	1	0.00	7	1.218E+04	2.640E+03	-6.657E+03	4.929E+04	-1.006E+06	-1.116E+03	0.000E+00	0.000E+00
515	1	0.00	8	1.218E+04	2.640E+03	-6.509E+03	4.930E+04	-9.831E+05	-1.091E+03	0.000E+00	0.000E+00
515	1	0.00	9	1.135E+04	2.626E+03	6.509E+03	-4.930E+04	9.977E+05	1.107E+03	0.000E+00	0.000E+00
515	1	0.00	10	1.135E+04	2.626E+03	6.657E+03	-4.929E+04	1.020E+06	1.132E+03	0.000E+00	0.000E+00
515	1	0.00	11	1.218E+04	2.626E+03	6.509E+03	-4.930E+04	9.982E+05	1.108E+03	0.000E+00	0.000E+00
515	1	0.00	12	1.218E+04	2.626E+03	6.657E+03	-4.929E+04	1.021E+06	1.132E+03	0.000E+00	0.000E+00
515	1	0.00	13	1.135E+04	2.626E+03	6.379E+03	-4.715E+04	9.779E+05	1.085E+03	0.000E+00	0.000E+00
515	1	0.00	14	1.135E+04	2.626E+03	6.527E+03	-4.715E+04	1.000E+06	1.110E+03	0.000E+00	0.000E+00
515	1	0.00	15	1.218E+04	2.626E+03	6.379E+03	-4.715E+04	9.785E+05	1.086E+03	0.000E+00	0.000E+00

515	1	0.00	16	1.218E+04	2.626E+03	6.527E+03	-4.715E+04	1.001E+06	1.110E+03	0.000E+00	0.000E+00
515	2	76.10	1	1.135E+04	1.324E+03	-6.527E+03	4.715E+04	-4.897E+05	1.497E+05	-7.345E-03	-1.510E-02
515	2	76.10	2	1.135E+04	1.324E+03	-6.379E+03	4.715E+04	-4.785E+05	1.498E+05	-7.345E-03	-1.475E-02
515	2	76.10	3	1.218E+04	1.324E+03	-6.527E+03	4.715E+04	-4.892E+05	1.497E+05	-7.345E-03	-1.505E-02
515	2	76.10	4	1.218E+04	1.324E+03	-6.379E+03	4.715E+04	-4.779E+05	1.498E+05	-7.345E-03	-1.470E-02
515	2	76.10	5	1.135E+04	1.324E+03	-6.657E+03	4.929E+04	-4.996E+05	1.497E+05	-7.345E-03	-1.542E-02
515	2	76.10	6	1.135E+04	1.324E+03	-6.509E+03	4.930E+04	-4.883E+05	1.497E+05	-7.345E-03	-1.506E-02
515	2	76.10	7	1.218E+04	1.324E+03	-6.657E+03	4.929E+04	-4.991E+05	1.497E+05	-7.345E-03	-1.537E-02
515	2	76.10	8	1.218E+04	1.324E+03	-6.509E+03	4.930E+04	-4.878E+05	1.497E+05	-7.345E-03	-1.501E-02
515	2	76.10	9	1.135E+04	1.309E+03	6.509E+03	-4.930E+04	5.023E+05	1.508E+05	-7.361E-03	1.639E-02
515	2	76.10	10	1.135E+04	1.309E+03	6.657E+03	-4.929E+04	5.136E+05	1.509E+05	-7.361E-03	1.675E-02
515	2	76.10	11	1.218E+04	1.309E+03	6.509E+03	-4.930E+04	5.029E+05	1.508E+05	-7.361E-03	1.644E-02
515	2	76.10	12	1.218E+04	1.309E+03	6.657E+03	-4.929E+04	5.141E+05	1.509E+05	-7.361E-03	1.680E-02
515	2	76.10	13	1.135E+04	1.309E+03	6.379E+03	-4.715E+04	4.925E+05	1.508E+05	-7.360E-03	1.608E-02
515	2	76.10	14	1.135E+04	1.309E+03	6.527E+03	-4.715E+04	5.037E+05	1.508E+05	-7.361E-03	1.644E-02
515	2	76.10	15	1.218E+04	1.309E+03	6.379E+03	-4.715E+04	4.930E+05	1.508E+05	-7.360E-03	1.613E-02
515	2	76.10	16	1.218E+04	1.309E+03	6.527E+03	-4.715E+04	5.043E+05	1.508E+05	-7.361E-03	1.649E-02
515	3	152.20	1	1.135E+04	7.241E+00	-6.527E+03	4.715E+04	7.012E+03	2.004E+05	-1.027E-02	8.905E-04
515	3	152.20	2	1.135E+04	7.077E+00	-6.379E+03	4.715E+04	7.012E+03	2.004E+05	-1.027E-02	8.905E-04
515	3	152.20	3	1.218E+04	7.241E+00	-6.527E+03	4.715E+04	7.524E+03	2.004E+05	-1.027E-02	9.555E-04
515	3	152.20	4	1.218E+04	7.077E+00	-6.379E+03	4.715E+04	7.524E+03	2.004E+05	-1.027E-02	9.555E-04
515	3	152.20	5	1.135E+04	7.385E+00	-6.657E+03	4.929E+04	7.012E+03	2.004E+05	-1.027E-02	8.905E-04
515	3	152.20	6	1.135E+04	7.221E+00	-6.509E+03	4.930E+04	7.012E+03	2.004E+05	-1.027E-02	8.905E-04
515	3	152.20	7	1.218E+04	7.385E+00	-6.657E+03	4.929E+04	7.524E+03	2.004E+05	-1.027E-02	9.555E-04
515	3	152.20	8	1.218E+04	7.221E+00	-6.509E+03	4.930E+04	7.524E+03	2.004E+05	-1.027E-02	9.555E-04
515	3	152.20	9	1.135E+04	-7.221E+00	6.509E+03	-4.930E+04	7.012E+03	2.004E+05	-1.027E-02	8.905E-04
515	3	152.20	10	1.135E+04	-7.385E+00	6.657E+03	-4.929E+04	7.012E+03	2.004E+05	-1.027E-02	8.905E-04
515	3	152.20	11	1.218E+04	-7.221E+00	6.509E+03	-4.930E+04	7.524E+03	2.004E+05	-1.027E-02	9.555E-04
515	3	152.20	12	1.218E+04	-7.385E+00	6.657E+03	-4.929E+04	7.524E+03	2.004E+05	-1.027E-02	9.555E-04
515	3	152.20	13	1.135E+04	-7.077E+00	6.379E+03	-4.715E+04	7.012E+03	2.004E+05	-1.027E-02	8.905E-04
515	3	152.20	14	1.135E+04	-7.241E+00	6.527E+03	-4.715E+04	7.012E+03	2.004E+05	-1.027E-02	8.905E-04
515	3	152.20	15	1.218E+04	-7.077E+00	6.379E+03	-4.715E+04	7.524E+03	2.004E+05	-1.027E-02	9.555E-04
515	3	152.20	16	1.218E+04	-7.241E+00	6.527E+03	-4.715E+04	7.524E+03	2.004E+05	-1.027E-02	9.555E-04
515	4	228.30	1	1.135E+04	-1.309E+03	-6.527E+03	4.715E+04	5.037E+05	1.508E+05	-7.361E-03	1.644E-02
515	4	228.30	2	1.135E+04	-1.309E+03	-6.379E+03	4.715E+04	4.925E+05	1.508E+05	-7.360E-03	1.608E-02
515	4	228.30	3	1.218E+04	-1.309E+03	-6.527E+03	4.715E+04	5.043E+05	1.508E+05	-7.361E-03	1.649E-02
515	4	228.30	4	1.218E+04	-1.309E+03	-6.379E+03	4.715E+04	4.930E+05	1.508E+05	-7.360E-03	1.613E-02
515	4	228.30	5	1.135E+04	-1.309E+03	-6.657E+03	4.929E+04	5.136E+05	1.509E+05	-7.361E-03	1.675E-02
515	4	228.30	6	1.135E+04	-1.309E+03	-6.509E+03	4.930E+04	5.023E+05	1.508E+05	-7.361E-03	1.639E-02
515	4	228.30	7	1.218E+04	-1.309E+03	-6.657E+03	4.929E+04	5.141E+05	1.509E+05	-7.361E-03	1.680E-02
515	4	228.30	8	1.218E+04	-1.309E+03	-6.509E+03	4.930E+04	5.029E+05	1.508E+05	-7.361E-03	1.644E-02
515	4	228.30	9	1.135E+04	-1.324E+03	6.509E+03	-4.930E+04	-4.883E+05	1.497E+05	-7.345E-03	-1.506E-02
515	4	228.30	10	1.135E+04	-1.324E+03	6.657E+03	-4.929E+04	-4.996E+05	1.497E+05	-7.345E-03	-1.542E-02
515	4	228.30	11	1.218E+04	-1.324E+03	6.509E+03	-4.930E+04	-4.878E+05	1.497E+05	-7.345E-03	-1.501E-02
515	4	228.30	12	1.218E+04	-1.324E+03	6.657E+03	-4.929E+04	-4.991E+05	1.497E+05	-7.345E-03	-1.537E-02
515	4	228.30	13	1.135E+04	-1.324E+03	6.379E+03	-4.715E+04	-4.785E+05	1.498E+05	-7.345E-03	-1.475E-02
515	4	228.30	14	1.135E+04	-1.324E+03	6.527E+03	-4.715E+04	-4.897E+05	1.497E+05	-7.345E-03	-1.510E-02
515	4	228.30	15	1.218E+04	-1.324E+03	6.379E+03	-4.715E+04	-4.779E+05	1.498E+05	-7.345E-03	-1.470E-02
515	4	228.30	16	1.218E+04	-1.324E+03	6.527E+03	-4.715E+04	-4.892E+05	1.497E+05	-7.345E-03	-1.505E-02
515	5	304.40	1	1.135E+04	-2.626E+03	-6.527E+03	4.715E+04	1.000E+06	1.110E+03	-6.569E-11	3.377E-09
515	5	304.40	2	1.135E+04	-2.626E+03	-6.379E+03	4.715E+04	9.779E+05	1.085E+03	-6.563E-11	3.686E-09
515	5	304.40	3	1.218E+04	-2.626E+03	-6.527E+03	4.715E+04	1.001E+06	1.110E+03	-6.570E-11	3.392E-09
515	5	304.40	4	1.218E+04	-2.626E+03	-6.379E+03	4.715E+04	9.785E+05	1.086E+03	-6.564E-11	3.701E-09
515	5	304.40	5	1.135E+04	-2.626E+03	-6.657E+03	4.929E+04	1.020E+06	1.132E+03	-6.570E-11	3.628E-09
515	5	304.40	6	1.135E+04	-2.626E+03	-6.509E+03	4.930E+04	9.977E+05	1.107E+03	-6.564E-11	3.937E-09
515	5	304.40	7	1.218E+04	-2.626E+03	-6.657E+03	4.929E+04	1.021E+06	1.132E+03	-6.571E-11	3.642E-09
515	5	304.40	8	1.218E+04	-2.626E+03	-6.509E+03	4.930E+04	9.982E+05	1.108E+03	-6.565E-11	3.952E-09
515	5	304.40	9	1.135E+04	-2.640E+03	6.509E+03	-4.930E+04	-9.837E+05	-1.091E+03	-6.042E-11	-3.919E-09
515	5	304.40	10	1.135E+04	-2.640E+03	6.657E+03	-4.929E+04	-1.006E+06	-1.116E+03	-6.037E-11	-3.609E-09
515	5	304.40	11	1.218E+04	-2.640E+03	6.509E+03	-4.930E+04	-9.831E+05	-1.091E+03	-6.043E-11	-3.904E-09
515	5	304.40	12	1.218E+04	-2.640E+03	6.657E+03	-4.929E+04	-1.006E+06	-1.116E+03	-6.037E-11	-3.595E-09
515	5	304.40	13	1.135E+04	-2.640E+03	6.379E+03	-4.715E+04	-9.639E+05	-1.069E+03	-6.043E-11	-3.668E-09

515	5	304.40	14	1.135E+04	-2.640E+03	6.527E+03	-4.715E+04	-9.864E+05	-1.094E+03	-6.038E-11	-3.359E-09
515	5	304.40	15	1.218E+04	-2.640E+03	6.379E+03	-4.715E+04	-9.634E+05	-1.069E+03	-6.044E-11	-3.654E-09
515	5	304.40	16	1.218E+04	-2.640E+03	6.527E+03	-4.715E+04	-9.859E+05	-1.094E+03	-6.038E-11	-3.344E-09
516	1	0.00	1	1.181E+04	2.627E+03	5.831E+03	4.717E+04	8.801E+05	9.712E+02	0.000E+00	0.000E+00
516	1	0.00	2	1.181E+04	2.626E+03	5.979E+03	4.716E+04	9.026E+05	9.961E+02	0.000E+00	0.000E+00
516	1	0.00	3	1.129E+04	2.627E+03	5.831E+03	4.717E+04	8.804E+05	9.716E+02	0.000E+00	0.000E+00
516	1	0.00	4	1.129E+04	2.626E+03	5.979E+03	4.716E+04	9.030E+05	9.965E+02	0.000E+00	0.000E+00
516	1	0.00	5	1.181E+04	2.627E+03	5.859E+03	4.931E+04	8.843E+05	9.759E+02	0.000E+00	0.000E+00
516	1	0.00	6	1.181E+04	2.626E+03	6.007E+03	4.930E+04	9.069E+05	1.001E+03	0.000E+00	0.000E+00
516	1	0.00	7	1.129E+04	2.627E+03	5.859E+03	4.931E+04	8.846E+05	9.763E+02	0.000E+00	0.000E+00
516	1	0.00	8	1.129E+04	2.626E+03	6.007E+03	4.930E+04	9.072E+05	1.001E+03	0.000E+00	0.000E+00
516	1	0.00	9	1.181E+04	2.640E+03	-6.007E+03	-4.930E+04	-9.217E+05	-1.017E+03	0.000E+00	0.000E+00
516	1	0.00	10	1.181E+04	2.640E+03	-5.859E+03	-4.931E+04	-8.992E+05	-9.921E+02	0.000E+00	0.000E+00
516	1	0.00	11	1.129E+04	2.640E+03	-6.007E+03	-4.930E+04	-9.214E+05	-1.017E+03	0.000E+00	0.000E+00
516	1	0.00	12	1.129E+04	2.640E+03	-5.859E+03	-4.931E+04	-8.988E+05	-9.917E+02	0.000E+00	0.000E+00
516	1	0.00	13	1.181E+04	2.640E+03	-5.979E+03	-4.716E+04	-9.175E+05	-1.012E+03	0.000E+00	0.000E+00
516	1	0.00	14	1.181E+04	2.639E+03	-5.831E+03	-4.717E+04	-8.949E+05	-9.874E+02	0.000E+00	0.000E+00
516	1	0.00	15	1.129E+04	2.640E+03	-5.979E+03	-4.716E+04	-9.171E+05	-1.012E+03	0.000E+00	0.000E+00
516	1	0.00	16	1.129E+04	2.639E+03	-5.831E+03	-4.717E+04	-8.946E+05	-9.870E+02	0.000E+00	0.000E+00
516	2	76.10	1	1.181E+04	1.310E+03	5.831E+03	4.717E+04	4.363E+05	1.508E+05	-7.359E-03	1.338E-02
516	2	76.10	2	1.181E+04	1.310E+03	5.979E+03	4.716E+04	4.476E+05	1.508E+05	-7.359E-03	1.374E-02
516	2	76.10	3	1.129E+04	1.310E+03	5.831E+03	4.717E+04	4.367E+05	1.508E+05	-7.359E-03	1.341E-02
516	2	76.10	4	1.129E+04	1.310E+03	5.979E+03	4.716E+04	4.479E+05	1.508E+05	-7.359E-03	1.377E-02
516	2	76.10	5	1.181E+04	1.310E+03	5.859E+03	4.931E+04	4.385E+05	1.508E+05	-7.359E-03	1.345E-02
516	2	76.10	6	1.181E+04	1.310E+03	6.007E+03	4.930E+04	4.497E+05	1.508E+05	-7.359E-03	1.381E-02
516	2	76.10	7	1.129E+04	1.310E+03	5.859E+03	4.931E+04	4.388E+05	1.508E+05	-7.359E-03	1.348E-02
516	2	76.10	8	1.129E+04	1.310E+03	6.007E+03	4.930E+04	4.501E+05	1.508E+05	-7.359E-03	1.384E-02
516	2	76.10	9	1.181E+04	1.323E+03	-6.007E+03	-4.930E+04	-4.646E+05	1.498E+05	-7.345E-03	-1.522E-02
516	2	76.10	10	1.181E+04	1.323E+03	-5.859E+03	-4.931E+04	-4.533E+05	1.498E+05	-7.345E-03	-1.486E-02
516	2	76.10	11	1.129E+04	1.323E+03	-6.007E+03	-4.930E+04	-4.642E+05	1.498E+05	-7.345E-03	-1.519E-02
516	2	76.10	12	1.129E+04	1.323E+03	-5.859E+03	-4.931E+04	-4.530E+05	1.498E+05	-7.345E-03	-1.483E-02
516	2	76.10	13	1.181E+04	1.323E+03	-5.979E+03	-4.716E+04	-4.624E+05	1.498E+05	-7.345E-03	-1.515E-02
516	2	76.10	14	1.181E+04	1.323E+03	-5.831E+03	-4.717E+04	-4.512E+05	1.498E+05	-7.345E-03	-1.480E-02
516	2	76.10	15	1.129E+04	1.323E+03	-5.979E+03	-4.716E+04	-4.621E+05	1.498E+05	-7.345E-03	-1.512E-02
516	2	76.10	16	1.129E+04	1.323E+03	-5.831E+03	-4.717E+04	-4.508E+05	1.498E+05	-7.345E-03	-1.476E-02
516	3	152.20	1	1.181E+04	-6.434E+00	5.831E+03	4.717E+04	-7.418E+03	2.004E+05	-1.027E-02	-9.420E-04
516	3	152.20	2	1.181E+04	-6.598E+00	5.979E+03	4.716E+04	-7.418E+03	2.004E+05	-1.027E-02	-9.420E-04
516	3	152.20	3	1.129E+04	-6.434E+00	5.831E+03	4.717E+04	-7.093E+03	2.004E+05	-1.027E-02	-9.009E-04
516	3	152.20	4	1.129E+04	-6.598E+00	5.979E+03	4.716E+04	-7.093E+03	2.004E+05	-1.027E-02	-9.009E-04
516	3	152.20	5	1.181E+04	-6.465E+00	5.859E+03	4.931E+04	-7.418E+03	2.004E+05	-1.027E-02	-9.420E-04
516	3	152.20	6	1.181E+04	-6.629E+00	6.007E+03	4.930E+04	-7.418E+03	2.004E+05	-1.027E-02	-9.420E-04
516	3	152.20	7	1.129E+04	-6.465E+00	5.859E+03	4.931E+04	-7.093E+03	2.004E+05	-1.027E-02	-9.009E-04
516	3	152.20	8	1.129E+04	-6.629E+00	6.007E+03	4.930E+04	-7.093E+03	2.004E+05	-1.027E-02	-9.009E-04
516	3	152.20	9	1.181E+04	6.629E+00	-6.007E+03	-4.930E+04	-7.418E+03	2.004E+05	-1.027E-02	-9.420E-04
516	3	152.20	10	1.181E+04	6.465E+00	-5.859E+03	-4.931E+04	-7.418E+03	2.004E+05	-1.027E-02	-9.420E-04
516	3	152.20	11	1.129E+04	6.629E+00	-6.007E+03	-4.930E+04	-7.093E+03	2.004E+05	-1.027E-02	-9.009E-04
516	3	152.20	12	1.129E+04	6.465E+00	-5.859E+03	-4.931E+04	-7.093E+03	2.004E+05	-1.027E-02	-9.009E-04
516	3	152.20	13	1.181E+04	6.598E+00	-5.979E+03	-4.716E+04	-7.418E+03	2.004E+05	-1.027E-02	-9.420E-04
516	3	152.20	14	1.181E+04	6.434E+00	-5.831E+03	-4.717E+04	-7.418E+03	2.004E+05	-1.027E-02	-9.420E-04
516	3	152.20	15	1.129E+04	6.598E+00	-5.979E+03	-4.716E+04	-7.093E+03	2.004E+05	-1.027E-02	-9.009E-04
516	3	152.20	16	1.129E+04	6.434E+00	-5.831E+03	-4.717E+04	-7.093E+03	2.004E+05	-1.027E-02	-9.009E-04
516	4	228.30	1	1.181E+04	-1.323E+03	5.831E+03	4.717E+04	-4.512E+05	1.498E+05	-7.345E-03	-1.480E-02
516	4	228.30	2	1.181E+04	-1.323E+03	5.979E+03	4.716E+04	-4.624E+05	1.498E+05	-7.345E-03	-1.515E-02
516	4	228.30	3	1.129E+04	-1.323E+03	5.831E+03	4.717E+04	-4.508E+05	1.498E+05	-7.345E-03	-1.476E-02
516	4	228.30	4	1.129E+04	-1.323E+03	5.979E+03	4.716E+04	-4.621E+05	1.498E+05	-7.345E-03	-1.512E-02
516	4	228.30	5	1.181E+04	-1.323E+03	5.859E+03	4.931E+04	-4.533E+05	1.498E+05	-7.345E-03	-1.486E-02
516	4	228.30	6	1.181E+04	-1.323E+03	6.007E+03	4.930E+04	-4.646E+05	1.498E+05	-7.345E-03	-1.522E-02
516	4	228.30	7	1.129E+04	-1.323E+03	5.859E+03	4.931E+04	-4.530E+05	1.498E+05	-7.345E-03	-1.483E-02
516	4	228.30	8	1.129E+04	-1.323E+03	6.007E+03	4.930E+04	-4.642E+05	1.498E+05	-7.345E-03	-1.519E-02
516	4	228.30	9	1.181E+04	-1.310E+03	-6.007E+03	-4.930E+04	4.497E+05	1.508E+05	-7.359E-03	1.381E-02
516	4	228.30	10	1.181E+04	-1.310E+03	-5.859E+03	-4.931E+04	4.385E+05	1.508E+05	-7.359E-03	1.345E-02
516	4	228.30	11	1.129E+04	-1.310E+03	-6.007E+03	-4.930E+04	4.501E+05	1.508E+05	-7.359E-03	1.384E-02

516	4	228.30	12	1.129E+04	-1.310E+03	-5.859E+03	-4.931E+04	4.388E+05	1.508E+05	-7.359E-03	1.348E-02
516	4	228.30	13	1.181E+04	-1.310E+03	-5.979E+03	-4.716E+04	4.476E+05	1.508E+05	-7.359E-03	1.374E-02
516	4	228.30	14	1.181E+04	-1.310E+03	-5.831E+03	-4.717E+04	4.363E+05	1.508E+05	-7.359E-03	1.338E-02
516	4	228.30	15	1.129E+04	-1.310E+03	-5.979E+03	-4.716E+04	4.479E+05	1.508E+05	-7.359E-03	1.377E-02
516	4	228.30	16	1.129E+04	-1.310E+03	-5.831E+03	-4.717E+04	4.367E+05	1.508E+05	-7.359E-03	1.341E-02
516	5	304.40	1	1.181E+04	-2.639E+03	5.831E+03	4.717E+04	-8.949E+05	-9.874E+02	-4.708E-10	-6.074E-09
516	5	304.40	2	1.181E+04	-2.640E+03	5.979E+03	4.716E+04	-9.175E+05	-1.012E+03	-4.709E-10	-6.132E-09
516	5	304.40	3	1.129E+04	-2.639E+03	5.831E+03	4.717E+04	-8.946E+05	-9.870E+02	-4.708E-10	-6.063E-09
516	5	304.40	4	1.129E+04	-2.640E+03	5.979E+03	4.716E+04	-9.171E+05	-1.012E+03	-4.709E-10	-6.121E-09
516	5	304.40	5	1.181E+04	-2.640E+03	5.859E+03	4.931E+04	-8.992E+05	-9.921E+02	-4.708E-10	-6.083E-09
516	5	304.40	6	1.181E+04	-2.640E+03	6.007E+03	4.930E+04	-9.217E+05	-1.017E+03	-4.709E-10	-6.141E-09
516	5	304.40	7	1.129E+04	-2.640E+03	5.859E+03	4.931E+04	-8.988E+05	-9.917E+02	-4.708E-10	-6.072E-09
516	5	304.40	8	1.129E+04	-2.640E+03	6.007E+03	4.930E+04	-9.214E+05	-1.017E+03	-4.708E-10	-6.130E-09
516	5	304.40	9	1.181E+04	-2.626E+03	-6.007E+03	-4.930E+04	9.069E+05	1.001E+03	-4.659E-10	6.045E-09
516	5	304.40	10	1.181E+04	-2.627E+03	-5.859E+03	-4.931E+04	8.843E+05	9.759E+02	-4.660E-10	5.987E-09
516	5	304.40	11	1.129E+04	-2.626E+03	-6.007E+03	-4.930E+04	9.072E+05	1.001E+03	-4.659E-10	6.056E-09
516	5	304.40	12	1.129E+04	-2.627E+03	-5.859E+03	-4.931E+04	8.846E+05	9.763E+02	-4.660E-10	5.998E-09
516	5	304.40	13	1.181E+04	-2.626E+03	-5.979E+03	-4.716E+04	9.026E+05	9.961E+02	-4.659E-10	6.036E-09
516	5	304.40	14	1.181E+04	-2.627E+03	-5.831E+03	-4.717E+04	8.801E+05	9.712E+02	-4.660E-10	5.978E-09
516	5	304.40	15	1.129E+04	-2.626E+03	-5.979E+03	-4.716E+04	9.030E+05	9.965E+02	-4.659E-10	6.047E-09
516	5	304.40	16	1.129E+04	-2.627E+03	-5.831E+03	-4.717E+04	8.804E+05	9.716E+02	-4.660E-10	5.989E-09
736	1	0.00	1	1.251E+03	7.380E+03	-1.982E+03	1.792E+04	-3.003E+05	-2.993E+02	0.000E+00	0.000E+00
736	1	0.00	2	1.251E+03	7.380E+03	-1.935E+03	1.792E+04	-2.932E+05	-2.943E+02	0.000E+00	0.000E+00
736	1	0.00	3	1.342E+03	7.380E+03	-1.982E+03	1.792E+04	-3.002E+05	-2.978E+02	0.000E+00	0.000E+00
736	1	0.00	4	1.342E+03	7.380E+03	-1.935E+03	1.792E+04	-2.931E+05	-2.928E+02	0.000E+00	0.000E+00
736	1	0.00	5	1.251E+03	7.380E+03	-2.021E+03	1.874E+04	-3.063E+05	-3.056E+02	0.000E+00	0.000E+00
736	1	0.00	6	1.251E+03	7.380E+03	-1.974E+03	1.874E+04	-2.992E+05	-3.006E+02	0.000E+00	0.000E+00
736	1	0.00	7	1.342E+03	7.380E+03	-2.021E+03	1.874E+04	-3.062E+05	-3.041E+02	0.000E+00	0.000E+00
736	1	0.00	8	1.342E+03	7.380E+03	-1.974E+03	1.874E+04	-2.991E+05	-2.991E+02	0.000E+00	0.000E+00
736	1	0.00	9	1.251E+03	7.376E+03	1.974E+03	-1.874E+04	3.019E+05	3.415E+02	0.000E+00	0.000E+00
736	1	0.00	10	1.251E+03	7.376E+03	2.021E+03	-1.874E+04	3.090E+05	3.465E+02	0.000E+00	0.000E+00
736	1	0.00	11	1.342E+03	7.376E+03	1.974E+03	-1.874E+04	3.020E+05	3.430E+02	0.000E+00	0.000E+00
736	1	0.00	12	1.342E+03	7.376E+03	2.021E+03	-1.874E+04	3.091E+05	3.480E+02	0.000E+00	0.000E+00
736	1	0.00	13	1.251E+03	7.376E+03	1.935E+03	-1.792E+04	2.959E+05	3.352E+02	0.000E+00	0.000E+00
736	1	0.00	14	1.251E+03	7.376E+03	1.982E+03	-1.792E+04	3.030E+05	3.402E+02	0.000E+00	0.000E+00
736	1	0.00	15	1.342E+03	7.376E+03	1.935E+03	-1.792E+04	2.960E+05	3.367E+02	0.000E+00	0.000E+00
736	1	0.00	16	1.342E+03	7.376E+03	1.982E+03	-1.792E+04	3.031E+05	3.417E+02	0.000E+00	0.000E+00
736	2	76.10	1	1.251E+03	3.691E+03	-1.982E+03	1.792E+04	-1.495E+05	4.210E+05	-2.143E-02	-1.637E-02
736	2	76.10	2	1.251E+03	3.691E+03	-1.935E+03	1.792E+04	-1.459E+05	4.210E+05	-2.143E-02	-1.597E-02
736	2	76.10	3	1.342E+03	3.691E+03	-1.982E+03	1.792E+04	-1.494E+05	4.210E+05	-2.143E-02	-1.633E-02
736	2	76.10	4	1.342E+03	3.691E+03	-1.935E+03	1.792E+04	-1.458E+05	4.210E+05	-2.143E-02	-1.593E-02
736	2	76.10	5	1.251E+03	3.691E+03	-2.021E+03	1.874E+04	-1.525E+05	4.210E+05	-2.143E-02	-1.670E-02
736	2	76.10	6	1.251E+03	3.691E+03	-1.974E+03	1.874E+04	-1.489E+05	4.210E+05	-2.143E-02	-1.630E-02
736	2	76.10	7	1.342E+03	3.691E+03	-2.021E+03	1.874E+04	-1.524E+05	4.210E+05	-2.143E-02	-1.667E-02
736	2	76.10	8	1.342E+03	3.691E+03	-1.974E+03	1.874E+04	-1.488E+05	4.210E+05	-2.143E-02	-1.627E-02
736	2	76.10	9	1.251E+03	3.687E+03	1.974E+03	-1.874E+04	1.516E+05	4.213E+05	-2.143E-02	1.720E-02
736	2	76.10	10	1.251E+03	3.687E+03	2.021E+03	-1.874E+04	1.552E+05	4.213E+05	-2.143E-02	1.759E-02
736	2	76.10	11	1.342E+03	3.687E+03	1.974E+03	-1.874E+04	1.517E+05	4.213E+05	-2.143E-02	1.723E-02
736	2	76.10	12	1.342E+03	3.687E+03	2.021E+03	-1.874E+04	1.553E+05	4.213E+05	-2.143E-02	1.763E-02
736	2	76.10	13	1.251E+03	3.687E+03	1.935E+03	-1.792E+04	1.486E+05	4.213E+05	-2.143E-02	1.686E-02
736	2	76.10	14	1.251E+03	3.687E+03	1.982E+03	-1.792E+04	1.522E+05	4.213E+05	-2.143E-02	1.726E-02
736	2	76.10	15	1.342E+03	3.687E+03	1.935E+03	-1.792E+04	1.487E+05	4.213E+05	-2.143E-02	1.690E-02
736	2	76.10	16	1.342E+03	3.687E+03	1.982E+03	-1.792E+04	1.523E+05	4.213E+05	-2.143E-02	1.729E-02
736	3	152.20	1	1.251E+03	2.101E+00	-1.982E+03	1.792E+04	1.338E+03	5.615E+05	-2.990E-02	5.964E-04
736	3	152.20	2	1.251E+03	2.068E+00	-1.935E+03	1.792E+04	1.338E+03	5.615E+05	-2.990E-02	5.964E-04
736	3	152.20	3	1.342E+03	2.101E+00	-1.982E+03	1.792E+04	1.438E+03	5.615E+05	-2.990E-02	6.412E-04
736	3	152.20	4	1.342E+03	2.068E+00	-1.935E+03	1.792E+04	1.438E+03	5.615E+05	-2.990E-02	6.412E-04
736	3	152.20	5	1.251E+03	2.142E+00	-2.021E+03	1.874E+04	1.338E+03	5.615E+05	-2.990E-02	5.964E-04
736	3	152.20	6	1.251E+03	2.109E+00	-1.974E+03	1.874E+04	1.338E+03	5.615E+05	-2.990E-02	5.964E-04
736	3	152.20	7	1.342E+03	2.142E+00	-2.021E+03	1.874E+04	1.438E+03	5.615E+05	-2.990E-02	6.412E-04
736	3	152.20	8	1.342E+03	2.109E+00	-1.974E+03	1.874E+04	1.438E+03	5.615E+05	-2.990E-02	6.412E-04
736	3	152.20	9	1.251E+03	-2.109E+00	1.974E+03	-1.874E+04	1.338E+03	5.615E+05	-2.990E-02	5.964E-04

736	3	152.20	10	1.251E+03	-2.142E+00	2.021E+03	-1.874E+04	1.338E+03	5.615E+05	-2.990E-02	5.964E-04
736	3	152.20	11	1.342E+03	-2.109E+00	1.974E+03	-1.874E+04	1.438E+03	5.615E+05	-2.990E-02	6.412E-04
736	3	152.20	12	1.342E+03	-2.142E+00	2.021E+03	-1.874E+04	1.438E+03	5.615E+05	-2.990E-02	6.412E-04
736	3	152.20	13	1.251E+03	-2.068E+00	1.935E+03	-1.792E+04	1.338E+03	5.615E+05	-2.990E-02	5.964E-04
736	3	152.20	14	1.251E+03	-2.101E+00	1.982E+03	-1.792E+04	1.338E+03	5.615E+05	-2.990E-02	5.964E-04
736	3	152.20	15	1.342E+03	-2.068E+00	1.935E+03	-1.792E+04	1.438E+03	5.615E+05	-2.990E-02	6.412E-04
736	3	152.20	16	1.342E+03	-2.101E+00	1.982E+03	-1.792E+04	1.438E+03	5.615E+05	-2.990E-02	6.412E-04
736	4	228.30	1	1.251E+03	-3.687E+03	-1.982E+03	1.792E+04	1.522E+05	4.213E+05	-2.143E-02	1.726E-02
736	4	228.30	2	1.251E+03	-3.687E+03	-1.935E+03	1.792E+04	1.486E+05	4.213E+05	-2.143E-02	1.686E-02
736	4	228.30	3	1.342E+03	-3.687E+03	-1.982E+03	1.792E+04	1.523E+05	4.213E+05	-2.143E-02	1.729E-02
736	4	228.30	4	1.342E+03	-3.687E+03	-1.935E+03	1.792E+04	1.487E+05	4.213E+05	-2.143E-02	1.690E-02
736	4	228.30	5	1.251E+03	-3.687E+03	-2.021E+03	1.874E+04	1.552E+05	4.213E+05	-2.143E-02	1.759E-02
736	4	228.30	6	1.251E+03	-3.687E+03	-1.974E+03	1.874E+04	1.516E+05	4.213E+05	-2.143E-02	1.720E-02
736	4	228.30	7	1.342E+03	-3.687E+03	-2.021E+03	1.874E+04	1.553E+05	4.213E+05	-2.143E-02	1.763E-02
736	4	228.30	8	1.342E+03	-3.687E+03	-1.974E+03	1.874E+04	1.517E+05	4.213E+05	-2.143E-02	1.723E-02
736	4	228.30	9	1.251E+03	-3.691E+03	1.974E+03	-1.874E+04	-1.489E+05	4.210E+05	-2.143E-02	-1.630E-02
736	4	228.30	10	1.251E+03	-3.691E+03	2.021E+03	-1.874E+04	-1.525E+05	4.210E+05	-2.143E-02	-1.670E-02
736	4	228.30	11	1.342E+03	-3.691E+03	1.974E+03	-1.874E+04	-1.488E+05	4.210E+05	-2.143E-02	-1.627E-02
736	4	228.30	12	1.342E+03	-3.691E+03	2.021E+03	-1.874E+04	-1.524E+05	4.210E+05	-2.143E-02	-1.667E-02
736	4	228.30	13	1.251E+03	-3.691E+03	1.935E+03	-1.792E+04	-1.459E+05	4.210E+05	-2.143E-02	-1.597E-02
736	4	228.30	14	1.251E+03	-3.691E+03	1.982E+03	-1.792E+04	-1.495E+05	4.210E+05	-2.143E-02	-1.637E-02
736	4	228.30	15	1.342E+03	-3.691E+03	1.935E+03	-1.792E+04	-1.458E+05	4.210E+05	-2.143E-02	-1.593E-02
736	4	228.30	16	1.342E+03	-3.691E+03	1.982E+03	-1.792E+04	-1.494E+05	4.210E+05	-2.143E-02	-1.633E-02
736	5	304.40	1	1.251E+03	-7.376E+03	-1.982E+03	1.792E+04	3.030E+05	3.402E+02	-1.040E-09	-2.393E-09
736	5	304.40	2	1.251E+03	-7.376E+03	-1.935E+03	1.792E+04	2.959E+05	3.352E+02	-1.040E-09	-2.269E-09
736	5	304.40	3	1.342E+03	-7.376E+03	-1.982E+03	1.792E+04	3.031E+05	3.417E+02	-1.040E-09	-2.380E-09
736	5	304.40	4	1.342E+03	-7.376E+03	-1.935E+03	1.792E+04	2.960E+05	3.367E+02	-1.040E-09	-2.256E-09
736	5	304.40	5	1.251E+03	-7.376E+03	-2.021E+03	1.874E+04	3.090E+05	3.465E+02	-1.040E-09	-2.542E-09
736	5	304.40	6	1.251E+03	-7.376E+03	-1.974E+03	1.874E+04	3.019E+05	3.415E+02	-1.040E-09	-2.419E-09
736	5	304.40	7	1.342E+03	-7.376E+03	-2.021E+03	1.874E+04	3.091E+05	3.480E+02	-1.040E-09	-2.529E-09
736	5	304.40	8	1.342E+03	-7.376E+03	-1.974E+03	1.874E+04	3.020E+05	3.430E+02	-1.040E-09	-2.405E-09
736	5	304.40	9	1.251E+03	-7.380E+03	1.974E+03	-1.874E+04	-2.992E+05	-3.006E+02	-1.042E-09	2.325E-09
736	5	304.40	10	1.251E+03	-7.380E+03	2.021E+03	-1.874E+04	-3.063E+05	-3.056E+02	-1.042E-09	2.448E-09
736	5	304.40	11	1.342E+03	-7.380E+03	1.974E+03	-1.874E+04	-2.991E+05	-2.991E+02	-1.042E-09	2.338E-09
736	5	304.40	12	1.342E+03	-7.380E+03	2.021E+03	-1.874E+04	-3.062E+05	-3.041E+02	-1.042E-09	2.462E-09
736	5	304.40	13	1.251E+03	-7.380E+03	1.935E+03	-1.792E+04	-2.932E+05	-2.943E+02	-1.042E-09	2.175E-09
736	5	304.40	14	1.251E+03	-7.380E+03	1.982E+03	-1.792E+04	-3.003E+05	-2.993E+02	-1.042E-09	2.299E-09
736	5	304.40	15	1.342E+03	-7.380E+03	1.935E+03	-1.792E+04	-2.931E+05	-2.928E+02	-1.042E-09	2.189E-09
736	5	304.40	16	1.342E+03	-7.380E+03	1.982E+03	-1.792E+04	-3.002E+05	-2.978E+02	-1.042E-09	2.312E-09
737	1	0.00	1	-3.892E+02	9.602E+03	-1.504E+03	1.832E+04	-2.292E+05	-2.290E+02	0.000E+00	0.000E+00
737	1	0.00	2	-3.892E+02	9.601E+03	-1.450E+03	1.832E+04	-2.210E+05	-2.210E+02	0.000E+00	0.000E+00
737	1	0.00	3	-4.172E+02	9.602E+03	-1.504E+03	1.832E+04	-2.293E+05	-2.290E+02	0.000E+00	0.000E+00
737	1	0.00	4	-4.172E+02	9.601E+03	-1.450E+03	1.832E+04	-2.210E+05	-2.210E+02	0.000E+00	0.000E+00
737	1	0.00	5	-3.892E+02	9.602E+03	-1.536E+03	1.915E+04	-2.341E+05	-2.338E+02	0.000E+00	0.000E+00
737	1	0.00	6	-3.892E+02	9.601E+03	-1.482E+03	1.916E+04	-2.259E+05	-2.258E+02	0.000E+00	0.000E+00
737	1	0.00	7	-4.172E+02	9.602E+03	-1.536E+03	1.915E+04	-2.341E+05	-2.338E+02	0.000E+00	0.000E+00
737	1	0.00	8	-4.172E+02	9.601E+03	-1.482E+03	1.916E+04	-2.259E+05	-2.258E+02	0.000E+00	0.000E+00
737	1	0.00	9	-3.892E+02	9.599E+03	1.482E+03	-1.916E+04	2.253E+05	2.252E+02	0.000E+00	0.000E+00
737	1	0.00	10	-3.892E+02	9.598E+03	1.536E+03	-1.915E+04	2.335E+05	2.332E+02	0.000E+00	0.000E+00
737	1	0.00	11	-4.172E+02	9.599E+03	1.482E+03	-1.916E+04	2.253E+05	2.252E+02	0.000E+00	0.000E+00
737	1	0.00	12	-4.172E+02	9.598E+03	1.536E+03	-1.915E+04	2.335E+05	2.332E+02	0.000E+00	0.000E+00
737	1	0.00	13	-3.892E+02	9.599E+03	1.450E+03	-1.832E+04	2.205E+05	2.204E+02	0.000E+00	0.000E+00
737	1	0.00	14	-3.892E+02	9.599E+03	1.504E+03	-1.832E+04	2.287E+05	2.284E+02	0.000E+00	0.000E+00
737	1	0.00	15	-4.172E+02	9.599E+03	1.450E+03	-1.832E+04	2.205E+05	2.204E+02	0.000E+00	0.000E+00
737	1	0.00	16	-4.172E+02	9.599E+03	1.504E+03	-1.832E+04	2.287E+05	2.284E+02	0.000E+00	0.000E+00
737	2	76.10	1	-3.892E+02	4.802E+03	-1.504E+03	1.832E+04	-1.148E+05	5.478E+05	-2.788E-02	-1.285E-02
737	2	76.10	2	-3.892E+02	4.801E+03	-1.450E+03	1.832E+04	-1.106E+05	5.478E+05	-2.788E-02	-1.239E-02
737	2	76.10	3	-4.172E+02	4.802E+03	-1.504E+03	1.832E+04	-1.148E+05	5.478E+05	-2.788E-02	-1.286E-02
737	2	76.10	4	-4.172E+02	4.801E+03	-1.450E+03	1.832E+04	-1.107E+05	5.478E+05	-2.788E-02	-1.240E-02
737	2	76.10	5	-3.892E+02	4.802E+03	-1.536E+03	1.915E+04	-1.172E+05	5.478E+05	-2.788E-02	-1.312E-02
737	2	76.10	6	-3.892E+02	4.801E+03	-1.482E+03	1.916E+04	-1.131E+05	5.478E+05	-2.788E-02	-1.266E-02
737	2	76.10	7	-4.172E+02	4.802E+03	-1.536E+03	1.915E+04	-1.172E+05	5.478E+05	-2.788E-02	-1.312E-02

737	2	76.10	8	-4.172E+02	4.801E+03	-1.482E+03	1.916E+04	-1.131E+05	5.478E+05	-2.788E-02	-1.267E-02
737	2	76.10	9	-3.892E+02	4.799E+03	1.482E+03	-1.916E+04	1.125E+05	5.480E+05	-2.789E-02	1.248E-02
737	2	76.10	10	-3.892E+02	4.798E+03	1.536E+03	-1.915E+04	1.166E+05	5.480E+05	-2.789E-02	1.294E-02
737	2	76.10	11	-4.172E+02	4.799E+03	1.482E+03	-1.916E+04	1.125E+05	5.480E+05	-2.789E-02	1.248E-02
737	2	76.10	12	-4.172E+02	4.798E+03	1.536E+03	-1.915E+04	1.166E+05	5.480E+05	-2.789E-02	1.294E-02
737	2	76.10	13	-3.892E+02	4.799E+03	1.450E+03	-1.832E+04	1.101E+05	5.480E+05	-2.789E-02	1.222E-02
737	2	76.10	14	-3.892E+02	4.799E+03	1.504E+03	-1.832E+04	1.142E+05	5.480E+05	-2.789E-02	1.267E-02
737	2	76.10	15	-4.172E+02	4.799E+03	1.450E+03	-1.832E+04	1.101E+05	5.480E+05	-2.789E-02	1.221E-02
737	2	76.10	16	-4.172E+02	4.799E+03	1.504E+03	-1.832E+04	1.142E+05	5.480E+05	-2.789E-02	1.267E-02
737	3	152.20	1	-3.892E+02	1.503E+00	-1.504E+03	1.832E+04	-2.659E+02	7.306E+05	-3.891E-02	-1.186E-04
737	3	152.20	2	-3.892E+02	1.450E+00	-1.450E+03	1.832E+04	-2.659E+02	7.306E+05	-3.891E-02	-1.186E-04
737	3	152.20	3	-4.172E+02	1.503E+00	-1.504E+03	1.832E+04	-2.808E+02	7.306E+05	-3.891E-02	-1.252E-04
737	3	152.20	4	-4.172E+02	1.450E+00	-1.450E+03	1.832E+04	-2.808E+02	7.306E+05	-3.891E-02	-1.252E-04
737	3	152.20	5	-3.892E+02	1.534E+00	-1.536E+03	1.915E+04	-2.659E+02	7.306E+05	-3.891E-02	-1.186E-04
737	3	152.20	6	-3.892E+02	1.481E+00	-1.482E+03	1.916E+04	-2.659E+02	7.306E+05	-3.891E-02	-1.186E-04
737	3	152.20	7	-4.172E+02	1.534E+00	-1.536E+03	1.915E+04	-2.808E+02	7.306E+05	-3.891E-02	-1.252E-04
737	3	152.20	8	-4.172E+02	1.481E+00	-1.482E+03	1.916E+04	-2.808E+02	7.306E+05	-3.891E-02	-1.252E-04
737	3	152.20	9	-3.892E+02	-1.481E+00	1.482E+03	-1.916E+04	-2.659E+02	7.306E+05	-3.891E-02	-1.186E-04
737	3	152.20	10	-3.892E+02	-1.534E+00	1.536E+03	-1.915E+04	-2.659E+02	7.306E+05	-3.891E-02	-1.186E-04
737	3	152.20	11	-4.172E+02	-1.481E+00	1.482E+03	-1.916E+04	-2.808E+02	7.306E+05	-3.891E-02	-1.252E-04
737	3	152.20	12	-4.172E+02	-1.534E+00	1.536E+03	-1.915E+04	-2.808E+02	7.306E+05	-3.891E-02	-1.252E-04
737	3	152.20	13	-3.892E+02	-1.450E+00	1.450E+03	-1.832E+04	-2.659E+02	7.306E+05	-3.891E-02	-1.186E-04
737	3	152.20	14	-3.892E+02	-1.503E+00	1.504E+03	-1.832E+04	-2.659E+02	7.306E+05	-3.891E-02	-1.186E-04
737	3	152.20	15	-4.172E+02	-1.450E+00	1.450E+03	-1.832E+04	-2.808E+02	7.306E+05	-3.891E-02	-1.252E-04
737	3	152.20	16	-4.172E+02	-1.503E+00	1.504E+03	-1.832E+04	-2.808E+02	7.306E+05	-3.891E-02	-1.252E-04
737	4	228.30	1	-3.892E+02	-4.799E+03	-1.504E+03	1.832E+04	1.142E+05	5.480E+05	-2.789E-02	1.267E-02
737	4	228.30	2	-3.892E+02	-4.799E+03	-1.450E+03	1.832E+04	1.101E+05	5.480E+05	-2.789E-02	1.222E-02
737	4	228.30	3	-4.172E+02	-4.799E+03	-1.504E+03	1.832E+04	1.142E+05	5.480E+05	-2.789E-02	1.267E-02
737	4	228.30	4	-4.172E+02	-4.799E+03	-1.450E+03	1.832E+04	1.101E+05	5.480E+05	-2.789E-02	1.221E-02
737	4	228.30	5	-3.892E+02	-4.798E+03	-1.536E+03	1.915E+04	1.166E+05	5.480E+05	-2.789E-02	1.294E-02
737	4	228.30	6	-3.892E+02	-4.799E+03	-1.482E+03	1.916E+04	1.125E+05	5.480E+05	-2.789E-02	1.248E-02
737	4	228.30	7	-4.172E+02	-4.798E+03	-1.536E+03	1.915E+04	1.166E+05	5.480E+05	-2.789E-02	1.294E-02
737	4	228.30	8	-4.172E+02	-4.799E+03	-1.482E+03	1.916E+04	1.125E+05	5.480E+05	-2.789E-02	1.248E-02
737	4	228.30	9	-3.892E+02	-4.801E+03	1.482E+03	-1.916E+04	-1.131E+05	5.478E+05	-2.788E-02	-1.266E-02
737	4	228.30	10	-3.892E+02	-4.802E+03	1.536E+03	-1.915E+04	-1.172E+05	5.478E+05	-2.788E-02	-1.312E-02
737	4	228.30	11	-4.172E+02	-4.801E+03	1.482E+03	-1.916E+04	-1.131E+05	5.478E+05	-2.788E-02	-1.267E-02
737	4	228.30	12	-4.172E+02	-4.802E+03	1.536E+03	-1.915E+04	-1.172E+05	5.478E+05	-2.788E-02	-1.312E-02
737	4	228.30	13	-3.892E+02	-4.801E+03	1.450E+03	-1.832E+04	-1.106E+05	5.478E+05	-2.788E-02	-1.239E-02
737	4	228.30	14	-3.892E+02	-4.802E+03	1.504E+03	-1.832E+04	-1.148E+05	5.478E+05	-2.788E-02	-1.285E-02
737	4	228.30	15	-4.172E+02	-4.801E+03	1.450E+03	-1.832E+04	-1.107E+05	5.478E+05	-2.788E-02	-1.240E-02
737	4	228.30	16	-4.172E+02	-4.802E+03	1.504E+03	-1.832E+04	-1.148E+05	5.478E+05	-2.788E-02	-1.286E-02
737	5	304.40	1	-3.892E+02	-9.599E+03	-1.504E+03	1.832E+04	2.287E+05	2.284E+02	1.908E-09	-4.950E-09
737	5	304.40	2	-3.892E+02	-9.599E+03	-1.450E+03	1.832E+04	2.205E+05	2.204E+02	1.908E-09	-4.901E-09
737	5	304.40	3	-4.172E+02	-9.599E+03	-1.504E+03	1.832E+04	2.287E+05	2.284E+02	1.908E-09	-4.948E-09
737	5	304.40	4	-4.172E+02	-9.599E+03	-1.450E+03	1.832E+04	2.205E+05	2.204E+02	1.908E-09	-4.899E-09
737	5	304.40	5	-3.892E+02	-9.598E+03	-1.536E+03	1.915E+04	2.335E+05	2.332E+02	1.908E-09	-4.928E-09
737	5	304.40	6	-3.892E+02	-9.599E+03	-1.482E+03	1.916E+04	2.253E+05	2.252E+02	1.908E-09	-4.879E-09
737	5	304.40	7	-4.172E+02	-9.598E+03	-1.536E+03	1.915E+04	2.335E+05	2.332E+02	1.908E-09	-4.926E-09
737	5	304.40	8	-4.172E+02	-9.599E+03	-1.482E+03	1.916E+04	2.253E+05	2.252E+02	1.908E-09	-4.877E-09
737	5	304.40	9	-3.892E+02	-9.601E+03	1.482E+03	-1.916E+04	-2.259E+05	-2.258E+02	1.904E-09	4.902E-09
737	5	304.40	10	-3.892E+02	-9.602E+03	1.536E+03	-1.915E+04	-2.341E+05	-2.338E+02	1.904E-09	4.951E-09
737	5	304.40	11	-4.172E+02	-9.601E+03	1.482E+03	-1.916E+04	-2.259E+05	-2.258E+02	1.904E-09	4.904E-09
737	5	304.40	12	-4.172E+02	-9.602E+03	1.536E+03	-1.915E+04	-2.341E+05	-2.338E+02	1.904E-09	4.953E-09
737	5	304.40	13	-3.892E+02	-9.601E+03	1.450E+03	-1.832E+04	-2.210E+05	-2.210E+02	1.904E-09	4.924E-09
737	5	304.40	14	-3.892E+02	-9.602E+03	1.504E+03	-1.832E+04	-2.292E+05	-2.290E+02	1.904E-09	4.973E-09
737	5	304.40	15	-4.172E+02	-9.601E+03	1.450E+03	-1.832E+04	-2.210E+05	-2.210E+02	1.904E-09	4.926E-09
737	5	304.40	16	-4.172E+02	-9.602E+03	1.504E+03	-1.832E+04	-2.293E+05	-2.290E+02	1.904E-09	4.975E-09
738	1	0.00	1	8.979E+01	1.071E+04	6.471E+02	1.846E+04	9.842E+04	9.647E+01	0.000E+00	0.000E+00
738	1	0.00	2	8.979E+01	1.071E+04	7.034E+02	1.846E+04	1.070E+05	1.049E+02	0.000E+00	0.000E+00
738	1	0.00	3	9.096E+01	1.071E+04	6.471E+02	1.846E+04	9.842E+04	9.647E+01	0.000E+00	0.000E+00
738	1	0.00	4	9.096E+01	1.071E+04	7.034E+02	1.846E+04	1.070E+05	1.049E+02	0.000E+00	0.000E+00
738	1	0.00	5	8.979E+01	1.071E+04	6.322E+02	1.929E+04	9.616E+04	9.425E+01	0.000E+00	0.000E+00

738	1	0.00	6	8.979E+01	1.071E+04	6.885E+02	1.929E+04	1.047E+05	1.026E+02	0.000E+00	0.000E+00
738	1	0.00	7	9.096E+01	1.071E+04	6.322E+02	1.929E+04	9.616E+04	9.425E+01	0.000E+00	0.000E+00
738	1	0.00	8	9.096E+01	1.071E+04	6.885E+02	1.929E+04	1.047E+05	1.026E+02	0.000E+00	0.000E+00
738	1	0.00	9	8.979E+01	1.071E+04	-6.885E+02	-1.929E+04	-1.049E+05	-1.028E+02	0.000E+00	0.000E+00
738	1	0.00	10	8.979E+01	1.071E+04	-6.322E+02	-1.929E+04	-9.629E+04	-9.442E+01	0.000E+00	0.000E+00
738	1	0.00	11	9.096E+01	1.071E+04	-6.885E+02	-1.929E+04	-1.049E+05	-1.028E+02	0.000E+00	0.000E+00
738	1	0.00	12	9.096E+01	1.071E+04	-6.322E+02	-1.929E+04	-9.629E+04	-9.442E+01	0.000E+00	0.000E+00
738	1	0.00	13	8.979E+01	1.071E+04	-7.034E+02	-1.846E+04	-1.071E+05	-1.050E+02	0.000E+00	0.000E+00
738	1	0.00	14	8.979E+01	1.071E+04	-6.471E+02	-1.846E+04	-9.856E+04	-9.665E+01	0.000E+00	0.000E+00
738	1	0.00	15	9.096E+01	1.071E+04	-7.034E+02	-1.846E+04	-1.071E+05	-1.050E+02	0.000E+00	0.000E+00
738	1	0.00	16	9.096E+01	1.071E+04	-6.471E+02	-1.846E+04	-9.856E+04	-9.664E+01	0.000E+00	0.000E+00
738	2	76.10	1	8.979E+01	5.355E+03	6.471E+02	1.846E+04	4.918E+04	6.114E+05	-3.111E-02	5.466E-03
738	2	76.10	2	8.979E+01	5.355E+03	7.034E+02	1.846E+04	5.346E+04	6.114E+05	-3.111E-02	5.944E-03
738	2	76.10	3	9.096E+01	5.355E+03	6.471E+02	1.846E+04	4.918E+04	6.114E+05	-3.111E-02	5.467E-03
738	2	76.10	4	9.096E+01	5.355E+03	7.034E+02	1.846E+04	5.346E+04	6.114E+05	-3.111E-02	5.944E-03
738	2	76.10	5	8.979E+01	5.355E+03	6.322E+02	1.929E+04	4.804E+04	6.114E+05	-3.111E-02	5.340E-03
738	2	76.10	6	8.979E+01	5.355E+03	6.885E+02	1.929E+04	5.233E+04	6.114E+05	-3.111E-02	5.818E-03
738	2	76.10	7	9.096E+01	5.355E+03	6.322E+02	1.929E+04	4.805E+04	6.114E+05	-3.111E-02	5.341E-03
738	2	76.10	8	9.096E+01	5.355E+03	6.885E+02	1.929E+04	5.233E+04	6.114E+05	-3.111E-02	5.818E-03
738	2	76.10	9	8.979E+01	5.356E+03	-6.885E+02	-1.929E+04	-5.246E+04	6.113E+05	-3.111E-02	-5.863E-03
738	2	76.10	10	8.979E+01	5.356E+03	-6.322E+02	-1.929E+04	-4.818E+04	6.113E+05	-3.111E-02	-5.386E-03
738	2	76.10	11	9.096E+01	5.356E+03	-6.885E+02	-1.929E+04	-5.246E+04	6.113E+05	-3.111E-02	-5.863E-03
738	2	76.10	12	9.096E+01	5.356E+03	-6.322E+02	-1.929E+04	-4.818E+04	6.113E+05	-3.111E-02	-5.385E-03
738	2	76.10	13	8.979E+01	5.356E+03	-7.034E+02	-1.846E+04	-5.360E+04	6.113E+05	-3.111E-02	-5.990E-03
738	2	76.10	14	8.979E+01	5.356E+03	-6.471E+02	-1.846E+04	-4.931E+04	6.113E+05	-3.111E-02	-5.512E-03
738	2	76.10	15	9.096E+01	5.356E+03	-7.034E+02	-1.846E+04	-5.359E+04	6.113E+05	-3.111E-02	-5.989E-03
738	2	76.10	16	9.096E+01	5.356E+03	-6.471E+02	-1.846E+04	-4.931E+04	6.113E+05	-3.111E-02	-5.512E-03
738	3	152.20	1	8.979E+01	-6.344E-01	6.471E+02	1.846E+04	-6.843E+01	8.151E+05	-4.341E-02	-3.051E-05
738	3	152.20	2	8.979E+01	-6.896E-01	7.034E+02	1.846E+04	-6.843E+01	8.151E+05	-4.341E-02	-3.051E-05
738	3	152.20	3	9.096E+01	-6.344E-01	6.471E+02	1.846E+04	-6.665E+01	8.151E+05	-4.341E-02	-2.972E-05
738	3	152.20	4	9.096E+01	-6.896E-01	7.034E+02	1.846E+04	-6.665E+01	8.151E+05	-4.341E-02	-2.972E-05
738	3	152.20	5	8.979E+01	-6.198E-01	6.322E+02	1.929E+04	-6.843E+01	8.151E+05	-4.341E-02	-3.051E-05
738	3	152.20	6	8.979E+01	-6.750E-01	6.885E+02	1.929E+04	-6.843E+01	8.151E+05	-4.341E-02	-3.051E-05
738	3	152.20	7	9.096E+01	-6.198E-01	6.322E+02	1.929E+04	-6.665E+01	8.151E+05	-4.341E-02	-2.972E-05
738	3	152.20	8	9.096E+01	-6.750E-01	6.885E+02	1.929E+04	-6.665E+01	8.151E+05	-4.341E-02	-2.972E-05
738	3	152.20	9	8.979E+01	6.750E-01	-6.885E+02	-1.929E+04	-6.843E+01	8.151E+05	-4.341E-02	-3.051E-05
738	3	152.20	10	8.979E+01	6.198E-01	-6.322E+02	-1.929E+04	-6.843E+01	8.151E+05	-4.341E-02	-3.051E-05
738	3	152.20	11	9.096E+01	6.750E-01	-6.885E+02	-1.929E+04	-6.665E+01	8.151E+05	-4.341E-02	-2.972E-05
738	3	152.20	12	9.096E+01	6.198E-01	-6.322E+02	-1.929E+04	-6.665E+01	8.151E+05	-4.341E-02	-2.972E-05
738	3	152.20	13	8.979E+01	6.896E-01	-7.034E+02	-1.846E+04	-6.843E+01	8.151E+05	-4.341E-02	-3.051E-05
738	3	152.20	14	8.979E+01	6.344E-01	-6.471E+02	-1.846E+04	-6.843E+01	8.151E+05	-4.341E-02	-3.051E-05
738	3	152.20	15	9.096E+01	6.896E-01	-7.034E+02	-1.846E+04	-6.665E+01	8.151E+05	-4.341E-02	-2.972E-05
738	3	152.20	16	9.096E+01	6.344E-01	-6.471E+02	-1.846E+04	-6.665E+01	8.151E+05	-4.341E-02	-2.972E-05
738	4	228.30	1	8.979E+01	-5.356E+03	6.471E+02	1.846E+04	-4.931E+04	6.113E+05	-3.111E-02	-5.512E-03
738	4	228.30	2	8.979E+01	-5.356E+03	7.034E+02	1.846E+04	-5.360E+04	6.113E+05	-3.111E-02	-5.990E-03
738	4	228.30	3	9.096E+01	-5.356E+03	6.471E+02	1.846E+04	-4.931E+04	6.113E+05	-3.111E-02	-5.512E-03
738	4	228.30	4	9.096E+01	-5.356E+03	7.034E+02	1.846E+04	-5.359E+04	6.113E+05	-3.111E-02	-5.989E-03
738	4	228.30	5	8.979E+01	-5.356E+03	6.322E+02	1.929E+04	-4.818E+04	6.113E+05	-3.111E-02	-5.386E-03
738	4	228.30	6	8.979E+01	-5.356E+03	6.885E+02	1.929E+04	-5.246E+04	6.113E+05	-3.111E-02	-5.863E-03
738	4	228.30	7	9.096E+01	-5.356E+03	6.322E+02	1.929E+04	-4.818E+04	6.113E+05	-3.111E-02	-5.385E-03
738	4	228.30	8	9.096E+01	-5.356E+03	6.885E+02	1.929E+04	-5.246E+04	6.113E+05	-3.111E-02	-5.863E-03
738	4	228.30	9	8.979E+01	-5.355E+03	-6.885E+02	-1.929E+04	5.233E+04	6.114E+05	-3.111E-02	5.818E-03
738	4	228.30	10	8.979E+01	-5.355E+03	-6.322E+02	-1.929E+04	4.804E+04	6.114E+05	-3.111E-02	5.340E-03
738	4	228.30	11	9.096E+01	-5.355E+03	-6.885E+02	-1.929E+04	5.233E+04	6.114E+05	-3.111E-02	5.818E-03
738	4	228.30	12	9.096E+01	-5.355E+03	-6.322E+02	-1.929E+04	4.805E+04	6.114E+05	-3.111E-02	5.341E-03
738	4	228.30	13	8.979E+01	-5.355E+03	-7.034E+02	-1.846E+04	5.346E+04	6.114E+05	-3.111E-02	5.944E-03
738	4	228.30	14	8.979E+01	-5.355E+03	-6.471E+02	-1.846E+04	4.918E+04	6.114E+05	-3.111E-02	5.466E-03
738	4	228.30	15	9.096E+01	-5.355E+03	-7.034E+02	-1.846E+04	5.346E+04	6.114E+05	-3.111E-02	5.944E-03
738	4	228.30	16	9.096E+01	-5.355E+03	-6.471E+02	-1.846E+04	4.918E+04	6.114E+05	-3.111E-02	5.467E-03
738	5	304.40	1	8.979E+01	-1.071E+04	6.471E+02	1.846E+04	-9.856E+04	-9.665E+01	1.900E-09	5.082E-09
738	5	304.40	2	8.979E+01	-1.071E+04	7.034E+02	1.846E+04	-1.071E+05	-1.050E+02	1.900E-09	5.222E-09
738	5	304.40	3	9.096E+01	-1.071E+04	6.471E+02	1.846E+04	-9.856E+04	-9.664E+01	1.900E-09	5.082E-09

738	5	304.40	4	9.096E+01	-1.071E+04	7.034E+02	1.846E+04	-1.071E+05	-1.050E+02	1.900E-09	5.222E-09
738	5	304.40	5	8.979E+01	-1.071E+04	6.322E+02	1.929E+04	-9.629E+04	-9.442E+01	1.900E-09	5.030E-09
738	5	304.40	6	8.979E+01	-1.071E+04	6.885E+02	1.929E+04	-1.049E+05	-1.028E+02	1.900E-09	5.170E-09
738	5	304.40	7	9.096E+01	-1.071E+04	6.322E+02	1.929E+04	-9.629E+04	-9.442E+01	1.900E-09	5.030E-09
738	5	304.40	8	9.096E+01	-1.071E+04	6.885E+02	1.929E+04	-1.049E+05	-1.028E+02	1.900E-09	5.170E-09
738	5	304.40	9	8.979E+01	-1.071E+04	-6.885E+02	-1.929E+04	1.047E+05	1.026E+02	1.900E-09	-5.177E-09
738	5	304.40	10	8.979E+01	-1.071E+04	-6.322E+02	-1.929E+04	9.616E+04	9.425E+01	1.900E-09	-5.037E-09
738	5	304.40	11	9.096E+01	-1.071E+04	-6.885E+02	-1.929E+04	1.047E+05	1.026E+02	1.900E-09	-5.177E-09
738	5	304.40	12	9.096E+01	-1.071E+04	-6.322E+02	-1.929E+04	9.616E+04	9.425E+01	1.900E-09	-5.037E-09
738	5	304.40	13	8.979E+01	-1.071E+04	-7.034E+02	-1.846E+04	1.070E+05	1.049E+02	1.900E-09	-5.229E-09
738	5	304.40	14	8.979E+01	-1.071E+04	-6.471E+02	-1.846E+04	9.842E+04	9.647E+01	1.900E-09	-5.089E-09
738	5	304.40	15	9.096E+01	-1.071E+04	-7.034E+02	-1.846E+04	1.070E+05	1.049E+02	1.900E-09	-5.229E-09
738	5	304.40	16	9.096E+01	-1.071E+04	-6.471E+02	-1.846E+04	9.842E+04	9.647E+01	1.900E-09	-5.089E-09
739	1	0.00	1	-4.065E+02	9.599E+03	1.267E+03	1.833E+04	1.929E+05	1.934E+02	0.000E+00	0.000E+00
739	1	0.00	2	-4.065E+02	9.599E+03	1.321E+03	1.832E+04	2.012E+05	2.014E+02	0.000E+00	0.000E+00
739	1	0.00	3	-3.889E+02	9.599E+03	1.267E+03	1.833E+04	1.929E+05	1.933E+02	0.000E+00	0.000E+00
739	1	0.00	4	-3.889E+02	9.599E+03	1.321E+03	1.832E+04	2.011E+05	2.014E+02	0.000E+00	0.000E+00
739	1	0.00	5	-4.065E+02	9.599E+03	1.267E+03	1.916E+04	1.931E+05	1.935E+02	0.000E+00	0.000E+00
739	1	0.00	6	-4.065E+02	9.599E+03	1.321E+03	1.916E+04	2.013E+05	2.016E+02	0.000E+00	0.000E+00
739	1	0.00	7	-3.889E+02	9.599E+03	1.267E+03	1.916E+04	1.931E+05	1.935E+02	0.000E+00	0.000E+00
739	1	0.00	8	-3.889E+02	9.599E+03	1.321E+03	1.916E+04	2.013E+05	2.016E+02	0.000E+00	0.000E+00
739	1	0.00	9	-4.065E+02	9.601E+03	-1.321E+03	-1.916E+04	-2.010E+05	-2.012E+02	0.000E+00	0.000E+00
739	1	0.00	10	-4.065E+02	9.601E+03	-1.267E+03	-1.916E+04	-1.928E+05	-1.932E+02	0.000E+00	0.000E+00
739	1	0.00	11	-3.889E+02	9.601E+03	-1.321E+03	-1.916E+04	-2.010E+05	-2.012E+02	0.000E+00	0.000E+00
739	1	0.00	12	-3.889E+02	9.601E+03	-1.267E+03	-1.916E+04	-1.928E+05	-1.932E+02	0.000E+00	0.000E+00
739	1	0.00	13	-4.065E+02	9.601E+03	-1.321E+03	-1.832E+04	-2.009E+05	-2.010E+02	0.000E+00	0.000E+00
739	1	0.00	14	-4.065E+02	9.601E+03	-1.267E+03	-1.833E+04	-1.926E+05	-1.930E+02	0.000E+00	0.000E+00
739	1	0.00	15	-3.889E+02	9.601E+03	-1.321E+03	-1.832E+04	-2.009E+05	-2.010E+02	0.000E+00	0.000E+00
739	1	0.00	16	-3.889E+02	9.601E+03	-1.267E+03	-1.833E+04	-1.926E+05	-1.930E+02	0.000E+00	0.000E+00
739	2	76.10	1	-4.065E+02	4.799E+03	1.267E+03	1.833E+04	9.655E+04	5.480E+05	-2.789E-02	1.080E-02
739	2	76.10	2	-4.065E+02	4.799E+03	1.321E+03	1.832E+04	1.007E+05	5.480E+05	-2.789E-02	1.125E-02
739	2	76.10	3	-3.889E+02	4.799E+03	1.267E+03	1.833E+04	9.654E+04	5.480E+05	-2.789E-02	1.079E-02
739	2	76.10	4	-3.889E+02	4.799E+03	1.321E+03	1.832E+04	1.006E+05	5.480E+05	-2.789E-02	1.125E-02
739	2	76.10	5	-4.065E+02	4.799E+03	1.267E+03	1.916E+04	9.661E+04	5.480E+05	-2.789E-02	1.080E-02
739	2	76.10	6	-4.065E+02	4.799E+03	1.321E+03	1.916E+04	1.007E+05	5.480E+05	-2.789E-02	1.126E-02
739	2	76.10	7	-3.889E+02	4.799E+03	1.267E+03	1.916E+04	9.660E+04	5.480E+05	-2.789E-02	1.080E-02
739	2	76.10	8	-3.889E+02	4.799E+03	1.321E+03	1.916E+04	1.007E+05	5.480E+05	-2.789E-02	1.126E-02
739	2	76.10	9	-4.065E+02	4.801E+03	-1.321E+03	-1.916E+04	-1.004E+05	5.478E+05	-2.788E-02	-1.116E-02
739	2	76.10	10	-4.065E+02	4.801E+03	-1.267E+03	-1.916E+04	-9.630E+04	5.478E+05	-2.788E-02	-1.070E-02
739	2	76.10	11	-3.889E+02	4.801E+03	-1.321E+03	-1.916E+04	-1.004E+05	5.478E+05	-2.788E-02	-1.116E-02
739	2	76.10	12	-3.889E+02	4.801E+03	-1.267E+03	-1.916E+04	-9.631E+04	5.478E+05	-2.788E-02	-1.070E-02
739	2	76.10	13	-4.065E+02	4.801E+03	-1.321E+03	-1.832E+04	-1.003E+05	5.478E+05	-2.788E-02	-1.115E-02
739	2	76.10	14	-4.065E+02	4.801E+03	-1.267E+03	-1.833E+04	-9.624E+04	5.478E+05	-2.788E-02	-1.069E-02
739	2	76.10	15	-3.889E+02	4.801E+03	-1.321E+03	-1.832E+04	-1.004E+05	5.478E+05	-2.788E-02	-1.115E-02
739	2	76.10	16	-3.889E+02	4.801E+03	-1.267E+03	-1.833E+04	-9.625E+04	5.478E+05	-2.788E-02	-1.070E-02
739	3	152.20	1	-4.065E+02	-1.269E+00	1.267E+03	1.833E+04	1.534E+02	7.306E+05	-3.891E-02	6.841E-05
739	3	152.20	2	-4.065E+02	-1.322E+00	1.321E+03	1.832E+04	1.534E+02	7.306E+05	-3.891E-02	6.841E-05
739	3	152.20	3	-3.889E+02	-1.269E+00	1.267E+03	1.833E+04	1.440E+02	7.306E+05	-3.891E-02	6.421E-05
739	3	152.20	4	-3.889E+02	-1.322E+00	1.321E+03	1.832E+04	1.440E+02	7.306E+05	-3.891E-02	6.421E-05
739	3	152.20	5	-4.065E+02	-1.270E+00	1.267E+03	1.916E+04	1.534E+02	7.306E+05	-3.891E-02	6.841E-05
739	3	152.20	6	-4.065E+02	-1.323E+00	1.321E+03	1.916E+04	1.534E+02	7.306E+05	-3.891E-02	6.841E-05
739	3	152.20	7	-3.889E+02	-1.270E+00	1.267E+03	1.916E+04	1.440E+02	7.306E+05	-3.891E-02	6.421E-05
739	3	152.20	8	-3.889E+02	-1.323E+00	1.321E+03	1.916E+04	1.440E+02	7.306E+05	-3.891E-02	6.421E-05
739	3	152.20	9	-4.065E+02	1.323E+00	-1.321E+03	-1.916E+04	1.534E+02	7.306E+05	-3.891E-02	6.841E-05
739	3	152.20	10	-4.065E+02	1.270E+00	-1.267E+03	-1.916E+04	1.534E+02	7.306E+05	-3.891E-02	6.841E-05
739	3	152.20	11	-3.889E+02	1.323E+00	-1.321E+03	-1.916E+04	1.440E+02	7.306E+05	-3.891E-02	6.422E-05
739	3	152.20	12	-3.889E+02	1.270E+00	-1.267E+03	-1.916E+04	1.440E+02	7.306E+05	-3.891E-02	6.422E-05
739	3	152.20	13	-4.065E+02	1.322E+00	-1.321E+03	-1.832E+04	1.534E+02	7.306E+05	-3.891E-02	6.841E-05
739	3	152.20	14	-4.065E+02	1.269E+00	-1.267E+03	-1.833E+04	1.534E+02	7.306E+05	-3.891E-02	6.841E-05
739	3	152.20	15	-3.889E+02	1.322E+00	-1.321E+03	-1.832E+04	1.440E+02	7.306E+05	-3.891E-02	6.422E-05
739	3	152.20	16	-3.889E+02	1.269E+00	-1.267E+03	-1.833E+04	1.440E+02	7.306E+05	-3.891E-02	6.422E-05
739	4	228.30	1	-4.065E+02	-4.801E+03	1.267E+03	1.833E+04	-9.624E+04	5.478E+05	-2.788E-02	-1.069E-02

739	4	228.30	2	-4.065E+02	-4.801E+03	1.321E+03	1.832E+04	-1.003E+05	5.478E+05	-2.788E-02	-1.115E-02
739	4	228.30	3	-3.889E+02	-4.801E+03	1.267E+03	1.833E+04	-9.625E+04	5.478E+05	-2.788E-02	-1.070E-02
739	4	228.30	4	-3.889E+02	-4.801E+03	1.321E+03	1.832E+04	-1.004E+05	5.478E+05	-2.788E-02	-1.115E-02
739	4	228.30	5	-4.065E+02	-4.801E+03	1.267E+03	1.916E+04	-9.630E+04	5.478E+05	-2.788E-02	-1.070E-02
739	4	228.30	6	-4.065E+02	-4.801E+03	1.321E+03	1.916E+04	-1.004E+05	5.478E+05	-2.788E-02	-1.116E-02
739	4	228.30	7	-3.889E+02	-4.801E+03	1.267E+03	1.916E+04	-9.631E+04	5.478E+05	-2.788E-02	-1.070E-02
739	4	228.30	8	-3.889E+02	-4.801E+03	1.321E+03	1.916E+04	-1.004E+05	5.478E+05	-2.788E-02	-1.116E-02
739	4	228.30	9	-4.065E+02	-4.799E+03	-1.321E+03	-1.916E+04	1.007E+05	5.480E+05	-2.789E-02	1.126E-02
739	4	228.30	10	-4.065E+02	-4.799E+03	-1.267E+03	-1.916E+04	9.661E+04	5.480E+05	-2.789E-02	1.080E-02
739	4	228.30	11	-3.889E+02	-4.799E+03	-1.321E+03	-1.916E+04	1.007E+05	5.480E+05	-2.789E-02	1.126E-02
739	4	228.30	12	-3.889E+02	-4.799E+03	-1.267E+03	-1.916E+04	9.660E+04	5.480E+05	-2.789E-02	1.080E-02
739	4	228.30	13	-4.065E+02	-4.799E+03	-1.321E+03	-1.832E+04	1.007E+05	5.480E+05	-2.789E-02	1.125E-02
739	4	228.30	14	-4.065E+02	-4.799E+03	-1.267E+03	-1.833E+04	9.655E+04	5.480E+05	-2.789E-02	1.080E-02
739	4	228.30	15	-3.889E+02	-4.799E+03	-1.321E+03	-1.832E+04	1.006E+05	5.480E+05	-2.789E-02	1.125E-02
739	4	228.30	16	-3.889E+02	-4.799E+03	-1.267E+03	-1.833E+04	9.654E+04	5.480E+05	-2.789E-02	1.079E-02
739	5	304.40	1	-4.065E+02	-9.601E+03	1.267E+03	1.833E+04	-1.926E+05	-1.930E+02	1.729E-09	-5.402E-09
739	5	304.40	2	-4.065E+02	-9.601E+03	1.321E+03	1.832E+04	-2.009E+05	-2.010E+02	1.729E-09	-5.459E-09
739	5	304.40	3	-3.889E+02	-9.601E+03	1.267E+03	1.833E+04	-1.926E+05	-1.930E+02	1.729E-09	-5.402E-09
739	5	304.40	4	-3.889E+02	-9.601E+03	1.321E+03	1.832E+04	-2.009E+05	-2.010E+02	1.729E-09	-5.459E-09
739	5	304.40	5	-4.065E+02	-9.601E+03	1.267E+03	1.916E+04	-1.928E+05	-1.932E+02	1.729E-09	-5.400E-09
739	5	304.40	6	-4.065E+02	-9.601E+03	1.321E+03	1.916E+04	-2.010E+05	-2.012E+02	1.729E-09	-5.457E-09
739	5	304.40	7	-3.889E+02	-9.601E+03	1.267E+03	1.916E+04	-1.928E+05	-1.932E+02	1.729E-09	-5.400E-09
739	5	304.40	8	-3.889E+02	-9.601E+03	1.321E+03	1.916E+04	-2.010E+05	-2.012E+02	1.729E-09	-5.457E-09
739	5	304.40	9	-4.065E+02	-9.599E+03	-1.321E+03	-1.916E+04	2.013E+05	2.016E+02	1.729E-09	5.467E-09
739	5	304.40	10	-4.065E+02	-9.599E+03	-1.267E+03	-1.916E+04	1.931E+05	1.935E+02	1.729E-09	5.410E-09
739	5	304.40	11	-3.889E+02	-9.599E+03	-1.321E+03	-1.916E+04	2.013E+05	2.016E+02	1.729E-09	5.467E-09
739	5	304.40	12	-3.889E+02	-9.599E+03	-1.267E+03	-1.916E+04	1.931E+05	1.935E+02	1.729E-09	5.410E-09
739	5	304.40	13	-4.065E+02	-9.599E+03	-1.321E+03	-1.832E+04	2.012E+05	2.014E+02	1.729E-09	5.470E-09
739	5	304.40	14	-4.065E+02	-9.599E+03	-1.267E+03	-1.833E+04	1.929E+05	1.934E+02	1.729E-09	5.413E-09
739	5	304.40	15	-3.889E+02	-9.599E+03	-1.321E+03	-1.832E+04	2.011E+05	2.014E+02	1.729E-09	5.470E-09
739	5	304.40	16	-3.889E+02	-9.599E+03	-1.267E+03	-1.833E+04	1.929E+05	1.933E+02	1.729E-09	5.413E-09
740	1	0.00	1	1.308E+03	7.376E+03	1.764E+03	1.793E+04	2.670E+05	2.762E+02	0.000E+00	0.000E+00
740	1	0.00	2	1.308E+03	7.376E+03	1.811E+03	1.792E+04	2.741E+05	2.812E+02	0.000E+00	0.000E+00
740	1	0.00	3	1.250E+03	7.376E+03	1.764E+03	1.793E+04	2.671E+05	2.772E+02	0.000E+00	0.000E+00
740	1	0.00	4	1.250E+03	7.376E+03	1.811E+03	1.792E+04	2.742E+05	2.822E+02	0.000E+00	0.000E+00
740	1	0.00	5	1.308E+03	7.376E+03	1.772E+03	1.874E+04	2.682E+05	2.782E+02	0.000E+00	0.000E+00
740	1	0.00	6	1.308E+03	7.376E+03	1.819E+03	1.874E+04	2.754E+05	2.832E+02	0.000E+00	0.000E+00
740	1	0.00	7	1.250E+03	7.376E+03	1.772E+03	1.874E+04	2.683E+05	2.791E+02	0.000E+00	0.000E+00
740	1	0.00	8	1.250E+03	7.376E+03	1.819E+03	1.874E+04	2.754E+05	2.842E+02	0.000E+00	0.000E+00
740	1	0.00	9	1.308E+03	7.380E+03	-1.819E+03	-1.874E+04	-2.784E+05	-3.266E+02	0.000E+00	0.000E+00
740	1	0.00	10	1.308E+03	7.380E+03	-1.772E+03	-1.874E+04	-2.712E+05	-3.216E+02	0.000E+00	0.000E+00
740	1	0.00	11	1.250E+03	7.380E+03	-1.819E+03	-1.874E+04	-2.783E+05	-3.256E+02	0.000E+00	0.000E+00
740	1	0.00	12	1.250E+03	7.380E+03	-1.772E+03	-1.874E+04	-2.712E+05	-3.206E+02	0.000E+00	0.000E+00
740	1	0.00	13	1.308E+03	7.380E+03	-1.811E+03	-1.792E+04	-2.771E+05	-3.246E+02	0.000E+00	0.000E+00
740	1	0.00	14	1.308E+03	7.380E+03	-1.764E+03	-1.793E+04	-2.700E+05	-3.196E+02	0.000E+00	0.000E+00
740	1	0.00	15	1.250E+03	7.380E+03	-1.811E+03	-1.792E+04	-2.771E+05	-3.237E+02	0.000E+00	0.000E+00
740	1	0.00	16	1.250E+03	7.380E+03	-1.764E+03	-1.793E+04	-2.699E+05	-3.186E+02	0.000E+00	0.000E+00
740	2	76.10	1	1.308E+03	3.687E+03	1.764E+03	1.793E+04	1.328E+05	4.212E+05	-2.143E-02	1.446E-02
740	2	76.10	2	1.308E+03	3.687E+03	1.811E+03	1.792E+04	1.363E+05	4.212E+05	-2.143E-02	1.486E-02
740	2	76.10	3	1.250E+03	3.687E+03	1.764E+03	1.793E+04	1.328E+05	4.212E+05	-2.143E-02	1.449E-02
740	2	76.10	4	1.250E+03	3.687E+03	1.811E+03	1.792E+04	1.364E+05	4.212E+05	-2.143E-02	1.488E-02
740	2	76.10	5	1.308E+03	3.687E+03	1.772E+03	1.874E+04	1.334E+05	4.212E+05	-2.143E-02	1.453E-02
740	2	76.10	6	1.308E+03	3.687E+03	1.819E+03	1.874E+04	1.369E+05	4.212E+05	-2.143E-02	1.493E-02
740	2	76.10	7	1.250E+03	3.687E+03	1.772E+03	1.874E+04	1.334E+05	4.212E+05	-2.143E-02	1.456E-02
740	2	76.10	8	1.250E+03	3.687E+03	1.819E+03	1.874E+04	1.370E+05	4.212E+05	-2.143E-02	1.495E-02
740	2	76.10	9	1.308E+03	3.691E+03	-1.819E+03	-1.874E+04	-1.399E+05	4.209E+05	-2.143E-02	-1.593E-02
740	2	76.10	10	1.308E+03	3.691E+03	-1.772E+03	-1.874E+04	-1.364E+05	4.209E+05	-2.143E-02	-1.553E-02
740	2	76.10	11	1.250E+03	3.691E+03	-1.819E+03	-1.874E+04	-1.399E+05	4.209E+05	-2.143E-02	-1.591E-02
740	2	76.10	12	1.250E+03	3.691E+03	-1.772E+03	-1.874E+04	-1.363E+05	4.209E+05	-2.143E-02	-1.551E-02
740	2	76.10	13	1.308E+03	3.691E+03	-1.811E+03	-1.792E+04	-1.393E+05	4.209E+05	-2.143E-02	-1.586E-02
740	2	76.10	14	1.308E+03	3.691E+03	-1.764E+03	-1.793E+04	-1.357E+05	4.209E+05	-2.143E-02	-1.546E-02
740	2	76.10	15	1.250E+03	3.691E+03	-1.811E+03	-1.792E+04	-1.392E+05	4.209E+05	-2.143E-02	-1.584E-02

740	2	76.10	16	1.250E+03	3.691E+03	-1.764E+03	-1.793E+04	-1.357E+05	4.209E+05	-2.143E-02	-1.544E-02
740	3	152.20	1	1.308E+03	-1.957E+00	1.764E+03	1.793E+04	-1.493E+03	5.614E+05	-2.990E-02	-6.658E-04
740	3	152.20	2	1.308E+03	-1.990E+00	1.811E+03	1.792E+04	-1.493E+03	5.614E+05	-2.990E-02	-6.658E-04
740	3	152.20	3	1.250E+03	-1.957E+00	1.764E+03	1.793E+04	-1.430E+03	5.614E+05	-2.990E-02	-6.375E-04
740	3	152.20	4	1.250E+03	-1.990E+00	1.811E+03	1.792E+04	-1.430E+03	5.614E+05	-2.990E-02	-6.375E-04
740	3	152.20	5	1.308E+03	-1.970E+00	1.772E+03	1.874E+04	-1.493E+03	5.614E+05	-2.990E-02	-6.658E-04
740	3	152.20	6	1.308E+03	-2.003E+00	1.819E+03	1.874E+04	-1.493E+03	5.614E+05	-2.990E-02	-6.658E-04
740	3	152.20	7	1.250E+03	-1.970E+00	1.772E+03	1.874E+04	-1.430E+03	5.614E+05	-2.990E-02	-6.375E-04
740	3	152.20	8	1.250E+03	-2.003E+00	1.819E+03	1.874E+04	-1.430E+03	5.614E+05	-2.990E-02	-6.375E-04
740	3	152.20	9	1.308E+03	2.003E+00	-1.819E+03	-1.874E+04	-1.493E+03	5.614E+05	-2.990E-02	-6.658E-04
740	3	152.20	10	1.308E+03	1.970E+00	-1.772E+03	-1.874E+04	-1.493E+03	5.614E+05	-2.990E-02	-6.658E-04
740	3	152.20	11	1.250E+03	2.003E+00	-1.819E+03	-1.874E+04	-1.430E+03	5.614E+05	-2.990E-02	-6.375E-04
740	3	152.20	12	1.250E+03	1.970E+00	-1.772E+03	-1.874E+04	-1.430E+03	5.614E+05	-2.990E-02	-6.375E-04
740	3	152.20	13	1.308E+03	1.990E+00	-1.811E+03	-1.792E+04	-1.493E+03	5.614E+05	-2.990E-02	-6.658E-04
740	3	152.20	14	1.308E+03	1.957E+00	-1.764E+03	-1.793E+04	-1.493E+03	5.614E+05	-2.990E-02	-6.658E-04
740	3	152.20	15	1.250E+03	1.990E+00	-1.811E+03	-1.792E+04	-1.430E+03	5.614E+05	-2.990E-02	-6.375E-04
740	3	152.20	16	1.250E+03	1.957E+00	-1.764E+03	-1.793E+04	-1.430E+03	5.614E+05	-2.990E-02	-6.375E-04
740	4	228.30	1	1.308E+03	-3.691E+03	1.764E+03	1.793E+04	-1.357E+05	4.209E+05	-2.143E-02	-1.546E-02
740	4	228.30	2	1.308E+03	-3.691E+03	1.811E+03	1.792E+04	-1.393E+05	4.209E+05	-2.143E-02	-1.586E-02
740	4	228.30	3	1.250E+03	-3.691E+03	1.764E+03	1.793E+04	-1.357E+05	4.209E+05	-2.143E-02	-1.544E-02
740	4	228.30	4	1.250E+03	-3.691E+03	1.811E+03	1.792E+04	-1.392E+05	4.209E+05	-2.143E-02	-1.584E-02
740	4	228.30	5	1.308E+03	-3.691E+03	1.772E+03	1.874E+04	-1.364E+05	4.209E+05	-2.143E-02	-1.553E-02
740	4	228.30	6	1.308E+03	-3.691E+03	1.819E+03	1.874E+04	-1.399E+05	4.209E+05	-2.143E-02	-1.593E-02
740	4	228.30	7	1.250E+03	-3.691E+03	1.772E+03	1.874E+04	-1.363E+05	4.209E+05	-2.143E-02	-1.551E-02
740	4	228.30	8	1.250E+03	-3.691E+03	1.819E+03	1.874E+04	-1.399E+05	4.209E+05	-2.143E-02	-1.591E-02
740	4	228.30	9	1.308E+03	-3.687E+03	-1.819E+03	-1.874E+04	1.369E+05	4.212E+05	-2.143E-02	1.493E-02
740	4	228.30	10	1.308E+03	-3.687E+03	-1.772E+03	-1.874E+04	1.334E+05	4.212E+05	-2.143E-02	1.453E-02
740	4	228.30	11	1.250E+03	-3.687E+03	-1.819E+03	-1.874E+04	1.370E+05	4.212E+05	-2.143E-02	1.495E-02
740	4	228.30	12	1.250E+03	-3.687E+03	-1.772E+03	-1.874E+04	1.334E+05	4.212E+05	-2.143E-02	1.456E-02
740	4	228.30	13	1.308E+03	-3.687E+03	-1.811E+03	-1.792E+04	1.363E+05	4.212E+05	-2.143E-02	1.486E-02
740	4	228.30	14	1.308E+03	-3.687E+03	-1.764E+03	-1.793E+04	1.328E+05	4.212E+05	-2.143E-02	1.446E-02
740	4	228.30	15	1.250E+03	-3.687E+03	-1.811E+03	-1.792E+04	1.364E+05	4.212E+05	-2.143E-02	1.488E-02
740	4	228.30	16	1.250E+03	-3.687E+03	-1.764E+03	-1.793E+04	1.328E+05	4.212E+05	-2.143E-02	1.449E-02
740	5	304.40	1	1.308E+03	-7.380E+03	1.764E+03	1.793E+04	-2.700E+05	-3.196E+02	-1.189E-10	-6.867E-09
740	5	304.40	2	1.308E+03	-7.380E+03	1.811E+03	1.792E+04	-2.771E+05	-3.246E+02	-1.189E-10	-6.818E-09
740	5	304.40	3	1.250E+03	-7.380E+03	1.764E+03	1.793E+04	-2.699E+05	-3.186E+02	-1.189E-10	-6.871E-09
740	5	304.40	4	1.250E+03	-7.380E+03	1.811E+03	1.792E+04	-2.771E+05	-3.237E+02	-1.189E-10	-6.822E-09
740	5	304.40	5	1.308E+03	-7.380E+03	1.772E+03	1.874E+04	-2.712E+05	-3.216E+02	-1.189E-10	-6.877E-09
740	5	304.40	6	1.308E+03	-7.380E+03	1.819E+03	1.874E+04	-2.784E+05	-3.266E+02	-1.189E-10	-6.828E-09
740	5	304.40	7	1.250E+03	-7.380E+03	1.772E+03	1.874E+04	-2.712E+05	-3.206E+02	-1.189E-10	-6.881E-09
740	5	304.40	8	1.250E+03	-7.380E+03	1.819E+03	1.874E+04	-2.783E+05	-3.256E+02	-1.189E-10	-6.832E-09
740	5	304.40	9	1.308E+03	-7.376E+03	-1.819E+03	-1.874E+04	2.754E+05	2.832E+02	-1.176E-10	6.908E-09
740	5	304.40	10	1.308E+03	-7.376E+03	-1.772E+03	-1.874E+04	2.682E+05	2.782E+02	-1.176E-10	6.957E-09
740	5	304.40	11	1.250E+03	-7.376E+03	-1.819E+03	-1.874E+04	2.754E+05	2.842E+02	-1.176E-10	6.904E-09
740	5	304.40	12	1.250E+03	-7.376E+03	-1.772E+03	-1.874E+04	2.683E+05	2.791E+02	-1.176E-10	6.953E-09
740	5	304.40	13	1.308E+03	-7.376E+03	-1.811E+03	-1.792E+04	2.741E+05	2.812E+02	-1.176E-10	6.898E-09
740	5	304.40	14	1.308E+03	-7.376E+03	-1.764E+03	-1.793E+04	2.670E+05	2.762E+02	-1.176E-10	6.947E-09
740	5	304.40	15	1.250E+03	-7.376E+03	-1.811E+03	-1.792E+04	2.742E+05	2.822E+02	-1.176E-10	6.894E-09
740	5	304.40	16	1.250E+03	-7.376E+03	-1.764E+03	-1.793E+04	2.671E+05	2.772E+02	-1.176E-10	6.943E-09
741	1	0.00	1	1.269E+03	7.380E+03	-2.315E+03	-1.122E+04	-3.509E+05	-3.616E+02	0.000E+00	0.000E+00
741	1	0.00	2	1.269E+03	7.380E+03	-2.268E+03	-1.122E+04	-3.438E+05	-3.565E+02	0.000E+00	0.000E+00
741	1	0.00	3	1.331E+03	7.380E+03	-2.315E+03	-1.122E+04	-3.509E+05	-3.605E+02	0.000E+00	0.000E+00
741	1	0.00	4	1.331E+03	7.380E+03	-2.268E+03	-1.122E+04	-3.437E+05	-3.555E+02	0.000E+00	0.000E+00
741	1	0.00	5	1.269E+03	7.380E+03	-2.307E+03	-1.033E+04	-3.498E+05	-3.600E+02	0.000E+00	0.000E+00
741	1	0.00	6	1.269E+03	7.380E+03	-2.261E+03	-1.033E+04	-3.427E+05	-3.550E+02	0.000E+00	0.000E+00
741	1	0.00	7	1.331E+03	7.380E+03	-2.307E+03	-1.033E+04	-3.498E+05	-3.590E+02	0.000E+00	0.000E+00
741	1	0.00	8	1.331E+03	7.380E+03	-2.261E+03	-1.033E+04	-3.426E+05	-3.539E+02	0.000E+00	0.000E+00
741	1	0.00	9	1.269E+03	7.375E+03	2.261E+03	1.033E+04	3.454E+05	3.965E+02	0.000E+00	0.000E+00
741	1	0.00	10	1.269E+03	7.375E+03	2.307E+03	1.033E+04	3.525E+05	4.015E+02	0.000E+00	0.000E+00
741	1	0.00	11	1.331E+03	7.375E+03	2.261E+03	1.033E+04	3.455E+05	3.975E+02	0.000E+00	0.000E+00
741	1	0.00	12	1.331E+03	7.375E+03	2.307E+03	1.033E+04	3.526E+05	4.025E+02	0.000E+00	0.000E+00
741	1	0.00	13	1.269E+03	7.375E+03	2.268E+03	1.122E+04	3.465E+05	3.980E+02	0.000E+00	0.000E+00

741	1	0.00	14	1.269E+03	7.375E+03	2.315E+03	1.122E+04	3.537E+05	4.031E+02	0.000E+00	0.000E+00
741	1	0.00	15	1.331E+03	7.375E+03	2.268E+03	1.122E+04	3.466E+05	3.991E+02	0.000E+00	0.000E+00
741	1	0.00	16	1.331E+03	7.375E+03	2.315E+03	1.122E+04	3.537E+05	4.041E+02	0.000E+00	0.000E+00
741	2	76.10	1	1.269E+03	3.691E+03	-2.315E+03	-1.122E+04	-1.748E+05	4.209E+05	-2.143E-02	-1.918E-02
741	2	76.10	2	1.269E+03	3.691E+03	-2.268E+03	-1.122E+04	-1.712E+05	4.209E+05	-2.143E-02	-1.878E-02
741	2	76.10	3	1.331E+03	3.691E+03	-2.315E+03	-1.122E+04	-1.747E+05	4.209E+05	-2.143E-02	-1.916E-02
741	2	76.10	4	1.331E+03	3.691E+03	-2.268E+03	-1.122E+04	-1.712E+05	4.209E+05	-2.143E-02	-1.876E-02
741	2	76.10	5	1.269E+03	3.691E+03	-2.307E+03	-1.033E+04	-1.742E+05	4.209E+05	-2.143E-02	-1.912E-02
741	2	76.10	6	1.269E+03	3.691E+03	-2.261E+03	-1.033E+04	-1.707E+05	4.209E+05	-2.143E-02	-1.872E-02
741	2	76.10	7	1.331E+03	3.691E+03	-2.307E+03	-1.033E+04	-1.742E+05	4.209E+05	-2.143E-02	-1.910E-02
741	2	76.10	8	1.331E+03	3.691E+03	-2.261E+03	-1.033E+04	-1.706E+05	4.209E+05	-2.143E-02	-1.870E-02
741	2	76.10	9	1.269E+03	3.686E+03	2.261E+03	1.033E+04	1.734E+05	4.213E+05	-2.143E-02	1.963E-02
741	2	76.10	10	1.269E+03	3.686E+03	2.307E+03	1.033E+04	1.770E+05	4.213E+05	-2.143E-02	2.003E-02
741	2	76.10	11	1.331E+03	3.686E+03	2.261E+03	1.033E+04	1.735E+05	4.213E+05	-2.143E-02	1.965E-02
741	2	76.10	12	1.331E+03	3.686E+03	2.307E+03	1.033E+04	1.770E+05	4.213E+05	-2.143E-02	2.005E-02
741	2	76.10	13	1.269E+03	3.686E+03	2.268E+03	1.122E+04	1.739E+05	4.213E+05	-2.143E-02	1.969E-02
741	2	76.10	14	1.269E+03	3.686E+03	2.315E+03	1.122E+04	1.775E+05	4.213E+05	-2.143E-02	2.009E-02
741	2	76.10	15	1.331E+03	3.686E+03	2.268E+03	1.122E+04	1.740E+05	4.213E+05	-2.143E-02	1.971E-02
741	2	76.10	16	1.331E+03	3.686E+03	2.315E+03	1.122E+04	1.776E+05	4.213E+05	-2.143E-02	2.011E-02
741	3	152.20	1	1.269E+03	2.512E+00	-2.315E+03	-1.122E+04	1.357E+03	5.615E+05	-2.990E-02	6.049E-04
741	3	152.20	2	1.269E+03	2.479E+00	-2.268E+03	-1.122E+04	1.357E+03	5.615E+05	-2.990E-02	6.049E-04
741	3	152.20	3	1.331E+03	2.512E+00	-2.315E+03	-1.122E+04	1.426E+03	5.615E+05	-2.990E-02	6.357E-04
741	3	152.20	4	1.331E+03	2.479E+00	-2.268E+03	-1.122E+04	1.426E+03	5.615E+05	-2.990E-02	6.357E-04
741	3	152.20	5	1.269E+03	2.502E+00	-2.307E+03	-1.033E+04	1.357E+03	5.615E+05	-2.990E-02	6.049E-04
741	3	152.20	6	1.269E+03	2.469E+00	-2.261E+03	-1.033E+04	1.357E+03	5.615E+05	-2.990E-02	6.049E-04
741	3	152.20	7	1.331E+03	2.502E+00	-2.307E+03	-1.033E+04	1.426E+03	5.615E+05	-2.990E-02	6.357E-04
741	3	152.20	8	1.331E+03	2.469E+00	-2.261E+03	-1.033E+04	1.426E+03	5.615E+05	-2.990E-02	6.357E-04
741	3	152.20	9	1.269E+03	-2.469E+00	2.261E+03	1.033E+04	1.357E+03	5.615E+05	-2.990E-02	6.049E-04
741	3	152.20	10	1.269E+03	-2.502E+00	2.307E+03	1.033E+04	1.357E+03	5.615E+05	-2.990E-02	6.049E-04
741	3	152.20	11	1.331E+03	-2.469E+00	2.261E+03	1.033E+04	1.426E+03	5.615E+05	-2.990E-02	6.357E-04
741	3	152.20	12	1.331E+03	-2.502E+00	2.307E+03	1.033E+04	1.426E+03	5.615E+05	-2.990E-02	6.357E-04
741	3	152.20	13	1.269E+03	-2.479E+00	2.268E+03	1.122E+04	1.357E+03	5.615E+05	-2.990E-02	6.049E-04
741	3	152.20	14	1.269E+03	-2.512E+00	2.315E+03	1.122E+04	1.357E+03	5.615E+05	-2.990E-02	6.049E-04
741	3	152.20	15	1.331E+03	-2.479E+00	2.268E+03	1.122E+04	1.426E+03	5.615E+05	-2.990E-02	6.357E-04
741	3	152.20	16	1.331E+03	-2.512E+00	2.315E+03	1.122E+04	1.426E+03	5.615E+05	-2.990E-02	6.357E-04
741	4	228.30	1	1.269E+03	-3.686E+03	-2.315E+03	-1.122E+04	1.775E+05	4.213E+05	-2.143E-02	2.009E-02
741	4	228.30	2	1.269E+03	-3.686E+03	-2.268E+03	-1.122E+04	1.739E+05	4.213E+05	-2.143E-02	1.969E-02
741	4	228.30	3	1.331E+03	-3.686E+03	-2.315E+03	-1.122E+04	1.776E+05	4.213E+05	-2.143E-02	2.011E-02
741	4	228.30	4	1.331E+03	-3.686E+03	-2.268E+03	-1.122E+04	1.740E+05	4.213E+05	-2.143E-02	1.971E-02
741	4	228.30	5	1.269E+03	-3.686E+03	-2.307E+03	-1.033E+04	1.770E+05	4.213E+05	-2.143E-02	2.003E-02
741	4	228.30	6	1.269E+03	-3.686E+03	-2.261E+03	-1.033E+04	1.734E+05	4.213E+05	-2.143E-02	1.963E-02
741	4	228.30	7	1.331E+03	-3.686E+03	-2.307E+03	-1.033E+04	1.770E+05	4.213E+05	-2.143E-02	2.005E-02
741	4	228.30	8	1.331E+03	-3.686E+03	-2.261E+03	-1.033E+04	1.735E+05	4.213E+05	-2.143E-02	1.965E-02
741	4	228.30	9	1.269E+03	-3.691E+03	2.261E+03	1.033E+04	-1.707E+05	4.209E+05	-2.143E-02	-1.872E-02
741	4	228.30	10	1.269E+03	-3.691E+03	2.307E+03	1.033E+04	-1.742E+05	4.209E+05	-2.143E-02	-1.912E-02
741	4	228.30	11	1.331E+03	-3.691E+03	2.261E+03	1.033E+04	-1.706E+05	4.209E+05	-2.143E-02	-1.870E-02
741	4	228.30	12	1.331E+03	-3.691E+03	2.307E+03	1.033E+04	-1.742E+05	4.209E+05	-2.143E-02	-1.910E-02
741	4	228.30	13	1.269E+03	-3.691E+03	2.268E+03	1.122E+04	-1.712E+05	4.209E+05	-2.143E-02	-1.878E-02
741	4	228.30	14	1.269E+03	-3.691E+03	2.315E+03	1.122E+04	-1.748E+05	4.209E+05	-2.143E-02	-1.918E-02
741	4	228.30	15	1.331E+03	-3.691E+03	2.268E+03	1.122E+04	-1.712E+05	4.209E+05	-2.143E-02	-1.876E-02
741	4	228.30	16	1.331E+03	-3.691E+03	2.315E+03	1.122E+04	-1.747E+05	4.209E+05	-2.143E-02	-1.916E-02
741	5	304.40	1	1.269E+03	-7.375E+03	-2.315E+03	-1.122E+04	3.537E+05	4.031E+02	-9.493E-10	1.393E-08
741	5	304.40	2	1.269E+03	-7.375E+03	-2.268E+03	-1.122E+04	3.465E+05	3.980E+02	-9.493E-10	1.368E-08
741	5	304.40	3	1.331E+03	-7.375E+03	-2.315E+03	-1.122E+04	3.537E+05	4.041E+02	-9.493E-10	1.392E-08
741	5	304.40	4	1.331E+03	-7.375E+03	-2.268E+03	-1.122E+04	3.466E+05	3.991E+02	-9.493E-10	1.367E-08
741	5	304.40	5	1.269E+03	-7.375E+03	-2.307E+03	-1.033E+04	3.525E+05	4.015E+02	-9.493E-10	1.395E-08
741	5	304.40	6	1.269E+03	-7.375E+03	-2.261E+03	-1.033E+04	3.454E+05	3.965E+02	-9.493E-10	1.370E-08
741	5	304.40	7	1.331E+03	-7.375E+03	-2.307E+03	-1.033E+04	3.526E+05	4.025E+02	-9.493E-10	1.394E-08
741	5	304.40	8	1.331E+03	-7.375E+03	-2.261E+03	-1.033E+04	3.455E+05	3.975E+02	-9.493E-10	1.369E-08
741	5	304.40	9	1.269E+03	-7.380E+03	2.261E+03	1.033E+04	-3.427E+05	-3.550E+02	-9.505E-10	-1.350E-08
741	5	304.40	10	1.269E+03	-7.380E+03	2.307E+03	1.033E+04	-3.498E+05	-3.600E+02	-9.505E-10	-1.375E-08
741	5	304.40	11	1.331E+03	-7.380E+03	2.261E+03	1.033E+04	-3.426E+05	-3.539E+02	-9.505E-10	-1.351E-08

741	5	304.40	12	1.331E+03	-7.380E+03	2.307E+03	1.033E+04	-3.498E+05	-3.590E+02	-9.505E-10	-1.376E-08
741	5	304.40	13	1.269E+03	-7.380E+03	2.268E+03	1.122E+04	-3.438E+05	-3.565E+02	-9.505E-10	-1.347E-08
741	5	304.40	14	1.269E+03	-7.380E+03	2.315E+03	1.122E+04	-3.509E+05	-3.616E+02	-9.505E-10	-1.372E-08
741	5	304.40	15	1.331E+03	-7.380E+03	2.268E+03	1.122E+04	-3.437E+05	-3.555E+02	-9.505E-10	-1.348E-08
741	5	304.40	16	1.331E+03	-7.380E+03	2.315E+03	1.122E+04	-3.509E+05	-3.605E+02	-9.505E-10	-1.373E-08
742	1	0.00	1	-3.946E+02	9.602E+03	-1.694E+03	-1.147E+04	-2.581E+05	-2.588E+02	0.000E+00	0.000E+00
742	1	0.00	2	-3.946E+02	9.602E+03	-1.640E+03	-1.147E+04	-2.499E+05	-2.507E+02	0.000E+00	0.000E+00
742	1	0.00	3	-4.138E+02	9.602E+03	-1.694E+03	-1.147E+04	-2.581E+05	-2.588E+02	0.000E+00	0.000E+00
742	1	0.00	4	-4.138E+02	9.602E+03	-1.640E+03	-1.147E+04	-2.499E+05	-2.507E+02	0.000E+00	0.000E+00
742	1	0.00	5	-3.946E+02	9.602E+03	-1.692E+03	-1.056E+04	-2.578E+05	-2.585E+02	0.000E+00	0.000E+00
742	1	0.00	6	-3.946E+02	9.602E+03	-1.638E+03	-1.056E+04	-2.496E+05	-2.504E+02	0.000E+00	0.000E+00
742	1	0.00	7	-4.138E+02	9.602E+03	-1.692E+03	-1.056E+04	-2.579E+05	-2.585E+02	0.000E+00	0.000E+00
742	1	0.00	8	-4.138E+02	9.602E+03	-1.638E+03	-1.056E+04	-2.496E+05	-2.504E+02	0.000E+00	0.000E+00
742	1	0.00	9	-3.946E+02	9.598E+03	1.638E+03	1.056E+04	2.491E+05	2.498E+02	0.000E+00	0.000E+00
742	1	0.00	10	-3.946E+02	9.598E+03	1.692E+03	1.056E+04	2.573E+05	2.578E+02	0.000E+00	0.000E+00
742	1	0.00	11	-4.138E+02	9.598E+03	1.638E+03	1.056E+04	2.491E+05	2.498E+02	0.000E+00	0.000E+00
742	1	0.00	12	-4.138E+02	9.598E+03	1.692E+03	1.056E+04	2.573E+05	2.578E+02	0.000E+00	0.000E+00
742	1	0.00	13	-3.946E+02	9.598E+03	1.640E+03	1.147E+04	2.494E+05	2.501E+02	0.000E+00	0.000E+00
742	1	0.00	14	-3.946E+02	9.598E+03	1.694E+03	1.147E+04	2.576E+05	2.582E+02	0.000E+00	0.000E+00
742	1	0.00	15	-4.138E+02	9.598E+03	1.640E+03	1.147E+04	2.494E+05	2.501E+02	0.000E+00	0.000E+00
742	1	0.00	16	-4.138E+02	9.598E+03	1.694E+03	1.147E+04	2.576E+05	2.581E+02	0.000E+00	0.000E+00
742	2	76.10	1	-3.946E+02	4.802E+03	-1.694E+03	-1.147E+04	-1.292E+05	5.478E+05	-2.788E-02	-1.446E-02
742	2	76.10	2	-3.946E+02	4.802E+03	-1.640E+03	-1.147E+04	-1.251E+05	5.478E+05	-2.788E-02	-1.400E-02
742	2	76.10	3	-4.138E+02	4.802E+03	-1.694E+03	-1.147E+04	-1.292E+05	5.478E+05	-2.788E-02	-1.447E-02
742	2	76.10	4	-4.138E+02	4.802E+03	-1.640E+03	-1.147E+04	-1.251E+05	5.478E+05	-2.788E-02	-1.401E-02
742	2	76.10	5	-3.946E+02	4.802E+03	-1.692E+03	-1.056E+04	-1.291E+05	5.478E+05	-2.788E-02	-1.445E-02
742	2	76.10	6	-3.946E+02	4.802E+03	-1.638E+03	-1.056E+04	-1.250E+05	5.478E+05	-2.788E-02	-1.399E-02
742	2	76.10	7	-4.138E+02	4.802E+03	-1.692E+03	-1.056E+04	-1.291E+05	5.478E+05	-2.788E-02	-1.445E-02
742	2	76.10	8	-4.138E+02	4.802E+03	-1.638E+03	-1.056E+04	-1.250E+05	5.478E+05	-2.788E-02	-1.399E-02
742	2	76.10	9	-3.946E+02	4.798E+03	1.638E+03	1.056E+04	1.244E+05	5.480E+05	-2.789E-02	1.381E-02
742	2	76.10	10	-3.946E+02	4.798E+03	1.692E+03	1.056E+04	1.285E+05	5.480E+05	-2.789E-02	1.427E-02
742	2	76.10	11	-4.138E+02	4.798E+03	1.638E+03	1.056E+04	1.244E+05	5.480E+05	-2.789E-02	1.380E-02
742	2	76.10	12	-4.138E+02	4.798E+03	1.692E+03	1.056E+04	1.285E+05	5.480E+05	-2.789E-02	1.426E-02
742	2	76.10	13	-3.946E+02	4.798E+03	1.640E+03	1.147E+04	1.246E+05	5.480E+05	-2.789E-02	1.382E-02
742	2	76.10	14	-3.946E+02	4.798E+03	1.694E+03	1.147E+04	1.287E+05	5.480E+05	-2.789E-02	1.428E-02
742	2	76.10	15	-4.138E+02	4.798E+03	1.640E+03	1.147E+04	1.245E+05	5.480E+05	-2.789E-02	1.382E-02
742	2	76.10	16	-4.138E+02	4.798E+03	1.694E+03	1.147E+04	1.287E+05	5.480E+05	-2.789E-02	1.428E-02
742	3	152.20	1	-3.946E+02	1.698E+00	-1.694E+03	-1.147E+04	-2.687E+02	7.306E+05	-3.891E-02	-1.198E-04
742	3	152.20	2	-3.946E+02	1.645E+00	-1.640E+03	-1.147E+04	-2.687E+02	7.306E+05	-3.891E-02	-1.198E-04
742	3	152.20	3	-4.138E+02	1.698E+00	-1.694E+03	-1.147E+04	-2.789E+02	7.306E+05	-3.891E-02	-1.244E-04
742	3	152.20	4	-4.138E+02	1.645E+00	-1.640E+03	-1.147E+04	-2.789E+02	7.306E+05	-3.891E-02	-1.244E-04
742	3	152.20	5	-3.946E+02	1.696E+00	-1.692E+03	-1.056E+04	-2.687E+02	7.306E+05	-3.891E-02	-1.198E-04
742	3	152.20	6	-3.946E+02	1.643E+00	-1.638E+03	-1.056E+04	-2.687E+02	7.306E+05	-3.891E-02	-1.198E-04
742	3	152.20	7	-4.138E+02	1.696E+00	-1.692E+03	-1.056E+04	-2.789E+02	7.306E+05	-3.891E-02	-1.244E-04
742	3	152.20	8	-4.138E+02	1.643E+00	-1.638E+03	-1.056E+04	-2.789E+02	7.306E+05	-3.891E-02	-1.244E-04
742	3	152.20	9	-3.946E+02	-1.643E+00	1.638E+03	1.056E+04	-2.687E+02	7.306E+05	-3.891E-02	-1.198E-04
742	3	152.20	10	-3.946E+02	-1.696E+00	1.692E+03	1.056E+04	-2.687E+02	7.306E+05	-3.891E-02	-1.198E-04
742	3	152.20	11	-4.138E+02	-1.643E+00	1.638E+03	1.056E+04	-2.789E+02	7.306E+05	-3.891E-02	-1.244E-04
742	3	152.20	12	-4.138E+02	-1.696E+00	1.692E+03	1.056E+04	-2.789E+02	7.306E+05	-3.891E-02	-1.244E-04
742	3	152.20	13	-3.946E+02	-1.645E+00	1.640E+03	1.147E+04	-2.687E+02	7.306E+05	-3.891E-02	-1.198E-04
742	3	152.20	14	-3.946E+02	-1.698E+00	1.694E+03	1.147E+04	-2.687E+02	7.306E+05	-3.891E-02	-1.198E-04
742	3	152.20	15	-4.138E+02	-1.645E+00	1.640E+03	1.147E+04	-2.789E+02	7.306E+05	-3.891E-02	-1.244E-04
742	3	152.20	16	-4.138E+02	-1.698E+00	1.694E+03	1.147E+04	-2.789E+02	7.306E+05	-3.891E-02	-1.244E-04
742	4	228.30	1	-3.946E+02	-4.798E+03	-1.694E+03	-1.147E+04	1.287E+05	5.480E+05	-2.789E-02	1.428E-02
742	4	228.30	2	-3.946E+02	-4.798E+03	-1.640E+03	-1.147E+04	1.246E+05	5.480E+05	-2.789E-02	1.382E-02
742	4	228.30	3	-4.138E+02	-4.798E+03	-1.694E+03	-1.147E+04	1.287E+05	5.480E+05	-2.789E-02	1.428E-02
742	4	228.30	4	-4.138E+02	-4.798E+03	-1.640E+03	-1.147E+04	1.245E+05	5.480E+05	-2.789E-02	1.382E-02
742	4	228.30	5	-3.946E+02	-4.798E+03	-1.692E+03	-1.056E+04	1.285E+05	5.480E+05	-2.789E-02	1.427E-02
742	4	228.30	6	-3.946E+02	-4.798E+03	-1.638E+03	-1.056E+04	1.244E+05	5.480E+05	-2.789E-02	1.381E-02
742	4	228.30	7	-4.138E+02	-4.798E+03	-1.692E+03	-1.056E+04	1.285E+05	5.480E+05	-2.789E-02	1.426E-02
742	4	228.30	8	-4.138E+02	-4.798E+03	-1.638E+03	-1.056E+04	1.244E+05	5.480E+05	-2.789E-02	1.380E-02
742	4	228.30	9	-3.946E+02	-4.802E+03	1.638E+03	1.056E+04	-1.250E+05	5.478E+05	-2.788E-02	-1.399E-02

742	4	228.30	10	-3.946E+02	-4.802E+03	1.692E+03	1.056E+04	-1.291E+05	5.478E+05	-2.788E-02	-1.445E-02
742	4	228.30	11	-4.138E+02	-4.802E+03	1.638E+03	1.056E+04	-1.250E+05	5.478E+05	-2.788E-02	-1.399E-02
742	4	228.30	12	-4.138E+02	-4.802E+03	1.692E+03	1.056E+04	-1.291E+05	5.478E+05	-2.788E-02	-1.445E-02
742	4	228.30	13	-3.946E+02	-4.802E+03	1.640E+03	1.147E+04	-1.251E+05	5.478E+05	-2.788E-02	-1.400E-02
742	4	228.30	14	-3.946E+02	-4.802E+03	1.694E+03	1.147E+04	-1.292E+05	5.478E+05	-2.788E-02	-1.446E-02
742	4	228.30	15	-4.138E+02	-4.802E+03	1.640E+03	1.147E+04	-1.251E+05	5.478E+05	-2.788E-02	-1.401E-02
742	4	228.30	16	-4.138E+02	-4.802E+03	1.694E+03	1.147E+04	-1.292E+05	5.478E+05	-2.788E-02	-1.447E-02
742	5	304.40	1	-3.946E+02	-9.598E+03	-1.694E+03	-1.147E+04	2.576E+05	2.582E+02	1.915E-09	6.233E-09
742	5	304.40	2	-3.946E+02	-9.598E+03	-1.640E+03	-1.147E+04	2.494E+05	2.501E+02	1.915E-09	6.539E-09
742	5	304.40	3	-4.138E+02	-9.598E+03	-1.694E+03	-1.147E+04	2.576E+05	2.581E+02	1.915E-09	6.231E-09
742	5	304.40	4	-4.138E+02	-9.598E+03	-1.640E+03	-1.147E+04	2.494E+05	2.501E+02	1.915E-09	6.538E-09
742	5	304.40	5	-3.946E+02	-9.598E+03	-1.692E+03	-1.056E+04	2.573E+05	2.578E+02	1.915E-09	6.228E-09
742	5	304.40	6	-3.946E+02	-9.598E+03	-1.638E+03	-1.056E+04	2.491E+05	2.498E+02	1.915E-09	6.534E-09
742	5	304.40	7	-4.138E+02	-9.598E+03	-1.692E+03	-1.056E+04	2.573E+05	2.578E+02	1.915E-09	6.226E-09
742	5	304.40	8	-4.138E+02	-9.598E+03	-1.638E+03	-1.056E+04	2.491E+05	2.498E+02	1.915E-09	6.532E-09
742	5	304.40	9	-3.946E+02	-9.602E+03	1.638E+03	1.056E+04	-2.496E+05	-2.504E+02	1.918E-09	-6.517E-09
742	5	304.40	10	-3.946E+02	-9.602E+03	1.692E+03	1.056E+04	-2.578E+05	-2.585E+02	1.918E-09	-6.211E-09
742	5	304.40	11	-4.138E+02	-9.602E+03	1.638E+03	1.056E+04	-2.496E+05	-2.504E+02	1.918E-09	-6.519E-09
742	5	304.40	12	-4.138E+02	-9.602E+03	1.692E+03	1.056E+04	-2.579E+05	-2.585E+02	1.918E-09	-6.212E-09
742	5	304.40	13	-3.946E+02	-9.602E+03	1.640E+03	1.147E+04	-2.499E+05	-2.507E+02	1.918E-09	-6.523E-09
742	5	304.40	14	-3.946E+02	-9.602E+03	1.694E+03	1.147E+04	-2.581E+05	-2.588E+02	1.918E-09	-6.216E-09
742	5	304.40	15	-4.138E+02	-9.602E+03	1.640E+03	1.147E+04	-2.499E+05	-2.507E+02	1.918E-09	-6.524E-09
742	5	304.40	16	-4.138E+02	-9.602E+03	1.694E+03	1.147E+04	-2.581E+05	-2.588E+02	1.918E-09	-6.218E-09
743	1	0.00	1	9.112E+01	1.071E+04	3.962E+02	-1.156E+04	6.023E+04	5.903E+01	0.000E+00	0.000E+00
743	1	0.00	2	9.112E+01	1.071E+04	4.524E+02	-1.156E+04	6.879E+04	6.743E+01	0.000E+00	0.000E+00
743	1	0.00	3	9.057E+01	1.071E+04	3.962E+02	-1.156E+04	6.023E+04	5.903E+01	0.000E+00	0.000E+00
743	1	0.00	4	9.057E+01	1.071E+04	4.524E+02	-1.156E+04	6.880E+04	6.743E+01	0.000E+00	0.000E+00
743	1	0.00	5	9.112E+01	1.071E+04	3.858E+02	-1.064E+04	5.864E+04	5.748E+01	0.000E+00	0.000E+00
743	1	0.00	6	9.112E+01	1.071E+04	4.420E+02	-1.064E+04	6.721E+04	6.587E+01	0.000E+00	0.000E+00
743	1	0.00	7	9.057E+01	1.071E+04	3.858E+02	-1.064E+04	5.865E+04	5.748E+01	0.000E+00	0.000E+00
743	1	0.00	8	9.057E+01	1.071E+04	4.420E+02	-1.064E+04	6.721E+04	6.587E+01	0.000E+00	0.000E+00
743	1	0.00	9	9.112E+01	1.071E+04	-4.420E+02	1.064E+04	-6.734E+04	-6.604E+01	0.000E+00	0.000E+00
743	1	0.00	10	9.112E+01	1.071E+04	-3.858E+02	1.064E+04	-5.878E+04	-5.765E+01	0.000E+00	0.000E+00
743	1	0.00	11	9.057E+01	1.071E+04	-4.420E+02	1.064E+04	-6.734E+04	-6.604E+01	0.000E+00	0.000E+00
743	1	0.00	12	9.057E+01	1.071E+04	-3.858E+02	1.064E+04	-5.878E+04	-5.765E+01	0.000E+00	0.000E+00
743	1	0.00	13	9.112E+01	1.071E+04	-4.524E+02	1.156E+04	-6.893E+04	-6.760E+01	0.000E+00	0.000E+00
743	1	0.00	14	9.112E+01	1.071E+04	-3.962E+02	1.156E+04	-6.037E+04	-5.920E+01	0.000E+00	0.000E+00
743	1	0.00	15	9.057E+01	1.071E+04	-4.524E+02	1.156E+04	-6.893E+04	-6.760E+01	0.000E+00	0.000E+00
743	1	0.00	16	9.057E+01	1.071E+04	-3.962E+02	1.156E+04	-6.037E+04	-5.920E+01	0.000E+00	0.000E+00
743	2	76.10	1	9.112E+01	5.355E+03	3.962E+02	-1.156E+04	3.008E+04	6.114E+05	-3.111E-02	3.338E-03
743	2	76.10	2	9.112E+01	5.355E+03	4.524E+02	-1.156E+04	3.436E+04	6.114E+05	-3.111E-02	3.815E-03
743	2	76.10	3	9.057E+01	5.355E+03	3.962E+02	-1.156E+04	3.008E+04	6.114E+05	-3.111E-02	3.338E-03
743	2	76.10	4	9.057E+01	5.355E+03	4.524E+02	-1.156E+04	3.436E+04	6.114E+05	-3.111E-02	3.816E-03
743	2	76.10	5	9.112E+01	5.355E+03	3.858E+02	-1.064E+04	2.929E+04	6.114E+05	-3.111E-02	3.249E-03
743	2	76.10	6	9.112E+01	5.355E+03	4.420E+02	-1.064E+04	3.357E+04	6.114E+05	-3.111E-02	3.727E-03
743	2	76.10	7	9.057E+01	5.355E+03	3.858E+02	-1.064E+04	2.929E+04	6.114E+05	-3.111E-02	3.250E-03
743	2	76.10	8	9.057E+01	5.355E+03	4.420E+02	-1.064E+04	3.357E+04	6.114E+05	-3.111E-02	3.727E-03
743	2	76.10	9	9.112E+01	5.356E+03	-4.420E+02	1.064E+04	-3.371E+04	6.113E+05	-3.111E-02	-3.773E-03
743	2	76.10	10	9.112E+01	5.356E+03	-3.858E+02	1.064E+04	-2.942E+04	6.113E+05	-3.111E-02	-3.295E-03
743	2	76.10	11	9.057E+01	5.356E+03	-4.420E+02	1.064E+04	-3.370E+04	6.113E+05	-3.111E-02	-3.772E-03
743	2	76.10	12	9.057E+01	5.356E+03	-3.858E+02	1.064E+04	-2.942E+04	6.113E+05	-3.111E-02	-3.295E-03
743	2	76.10	13	9.112E+01	5.356E+03	-4.524E+02	1.156E+04	-3.450E+04	6.113E+05	-3.111E-02	-3.861E-03
743	2	76.10	14	9.112E+01	5.356E+03	-3.962E+02	1.156E+04	-3.022E+04	6.113E+05	-3.111E-02	-3.384E-03
743	2	76.10	15	9.057E+01	5.356E+03	-4.524E+02	1.156E+04	-3.450E+04	6.113E+05	-3.111E-02	-3.860E-03
743	2	76.10	16	9.057E+01	5.356E+03	-3.962E+02	1.156E+04	-3.022E+04	6.113E+05	-3.111E-02	-3.383E-03
743	3	152.20	1	9.112E+01	-3.884E-01	3.962E+02	-1.156E+04	-6.847E+01	8.151E+05	-4.341E-02	-3.053E-05
743	3	152.20	2	9.112E+01	-4.436E-01	4.524E+02	-1.156E+04	-6.847E+01	8.151E+05	-4.341E-02	-3.053E-05
743	3	152.20	3	9.057E+01	-3.884E-01	3.962E+02	-1.156E+04	-6.678E+01	8.151E+05	-4.341E-02	-2.978E-05
743	3	152.20	4	9.057E+01	-4.436E-01	4.524E+02	-1.156E+04	-6.678E+01	8.151E+05	-4.341E-02	-2.978E-05
743	3	152.20	5	9.112E+01	-3.782E-01	3.858E+02	-1.064E+04	-6.847E+01	8.151E+05	-4.341E-02	-3.053E-05
743	3	152.20	6	9.112E+01	-4.334E-01	4.420E+02	-1.064E+04	-6.847E+01	8.151E+05	-4.341E-02	-3.053E-05
743	3	152.20	7	9.057E+01	-3.782E-01	3.858E+02	-1.064E+04	-6.678E+01	8.151E+05	-4.341E-02	-2.978E-05

743	3	152.20	8	9.057E+01	-4.334E-01	4.420E+02	-1.064E+04	-6.678E+01	8.151E+05	-4.341E-02	-2.978E-05
743	3	152.20	9	9.112E+01	4.334E-01	-4.420E+02	1.064E+04	-6.847E+01	8.151E+05	-4.341E-02	-3.053E-05
743	3	152.20	10	9.112E+01	3.782E-01	-3.858E+02	1.064E+04	-6.847E+01	8.151E+05	-4.341E-02	-3.053E-05
743	3	152.20	11	9.057E+01	4.334E-01	-4.420E+02	1.064E+04	-6.678E+01	8.151E+05	-4.341E-02	-2.978E-05
743	3	152.20	12	9.057E+01	3.782E-01	-3.858E+02	1.064E+04	-6.678E+01	8.151E+05	-4.341E-02	-2.978E-05
743	3	152.20	13	9.112E+01	4.436E-01	-4.524E+02	1.156E+04	-6.847E+01	8.151E+05	-4.341E-02	-3.053E-05
743	3	152.20	14	9.112E+01	3.884E-01	-3.962E+02	1.156E+04	-6.847E+01	8.151E+05	-4.341E-02	-3.053E-05
743	3	152.20	15	9.057E+01	4.436E-01	-4.524E+02	1.156E+04	-6.678E+01	8.151E+05	-4.341E-02	-2.978E-05
743	3	152.20	16	9.057E+01	3.884E-01	-3.962E+02	1.156E+04	-6.678E+01	8.151E+05	-4.341E-02	-2.978E-05
743	4	228.30	1	9.112E+01	-5.356E+03	3.962E+02	-1.156E+04	-3.022E+04	6.113E+05	-3.111E-02	-3.384E-03
743	4	228.30	2	9.112E+01	-5.356E+03	4.524E+02	-1.156E+04	-3.450E+04	6.113E+05	-3.111E-02	-3.861E-03
743	4	228.30	3	9.057E+01	-5.356E+03	3.962E+02	-1.156E+04	-3.022E+04	6.113E+05	-3.111E-02	-3.383E-03
743	4	228.30	4	9.057E+01	-5.356E+03	4.524E+02	-1.156E+04	-3.450E+04	6.113E+05	-3.111E-02	-3.860E-03
743	4	228.30	5	9.112E+01	-5.356E+03	3.858E+02	-1.064E+04	-2.942E+04	6.113E+05	-3.111E-02	-3.295E-03
743	4	228.30	6	9.112E+01	-5.356E+03	4.420E+02	-1.064E+04	-3.371E+04	6.113E+05	-3.111E-02	-3.773E-03
743	4	228.30	7	9.057E+01	-5.356E+03	3.858E+02	-1.064E+04	-2.942E+04	6.113E+05	-3.111E-02	-3.295E-03
743	4	228.30	8	9.057E+01	-5.356E+03	4.420E+02	-1.064E+04	-3.370E+04	6.113E+05	-3.111E-02	-3.772E-03
743	4	228.30	9	9.112E+01	-5.355E+03	-4.420E+02	1.064E+04	3.357E+04	6.114E+05	-3.111E-02	3.727E-03
743	4	228.30	10	9.112E+01	-5.355E+03	-3.858E+02	1.064E+04	2.929E+04	6.114E+05	-3.111E-02	3.249E-03
743	4	228.30	11	9.057E+01	-5.355E+03	-4.420E+02	1.064E+04	3.357E+04	6.114E+05	-3.111E-02	3.727E-03
743	4	228.30	12	9.057E+01	-5.355E+03	-3.858E+02	1.064E+04	2.929E+04	6.114E+05	-3.111E-02	3.250E-03
743	4	228.30	13	9.112E+01	-5.355E+03	-4.524E+02	1.156E+04	3.436E+04	6.114E+05	-3.111E-02	3.815E-03
743	4	228.30	14	9.112E+01	-5.355E+03	-3.962E+02	1.156E+04	3.008E+04	6.114E+05	-3.111E-02	3.338E-03
743	4	228.30	15	9.057E+01	-5.355E+03	-4.524E+02	1.156E+04	3.436E+04	6.114E+05	-3.111E-02	3.816E-03
743	4	228.30	16	9.057E+01	-5.355E+03	-3.962E+02	1.156E+04	3.008E+04	6.114E+05	-3.111E-02	3.338E-03
743	5	304.40	1	9.112E+01	-1.071E+04	3.962E+02	-1.156E+04	-6.037E+04	-5.920E+01	1.932E-09	2.126E-09
743	5	304.40	2	9.112E+01	-1.071E+04	4.524E+02	-1.156E+04	-6.893E+04	-6.760E+01	1.932E-09	2.315E-09
743	5	304.40	3	9.057E+01	-1.071E+04	3.962E+02	-1.156E+04	-6.037E+04	-5.920E+01	1.932E-09	2.126E-09
743	5	304.40	4	9.057E+01	-1.071E+04	4.524E+02	-1.156E+04	-6.893E+04	-6.760E+01	1.932E-09	2.315E-09
743	5	304.40	5	9.112E+01	-1.071E+04	3.858E+02	-1.064E+04	-5.878E+04	-5.765E+01	1.932E-09	2.073E-09
743	5	304.40	6	9.112E+01	-1.071E+04	4.420E+02	-1.064E+04	-6.734E+04	-6.604E+01	1.932E-09	2.261E-09
743	5	304.40	7	9.057E+01	-1.071E+04	3.858E+02	-1.064E+04	-5.878E+04	-5.765E+01	1.932E-09	2.072E-09
743	5	304.40	8	9.057E+01	-1.071E+04	4.420E+02	-1.064E+04	-6.734E+04	-6.604E+01	1.932E-09	2.261E-09
743	5	304.40	9	9.112E+01	-1.071E+04	-4.420E+02	1.064E+04	6.721E+04	6.587E+01	1.932E-09	-2.251E-09
743	5	304.40	10	9.112E+01	-1.071E+04	-3.858E+02	1.064E+04	5.864E+04	5.748E+01	1.932E-09	-2.062E-09
743	5	304.40	11	9.057E+01	-1.071E+04	-4.420E+02	1.064E+04	6.721E+04	6.587E+01	1.932E-09	-2.251E-09
743	5	304.40	12	9.057E+01	-1.071E+04	-3.858E+02	1.064E+04	5.865E+04	5.748E+01	1.932E-09	-2.062E-09
743	5	304.40	13	9.112E+01	-1.071E+04	-4.524E+02	1.156E+04	6.879E+04	6.743E+01	1.932E-09	-2.305E-09
743	5	304.40	14	9.112E+01	-1.071E+04	-3.962E+02	1.156E+04	6.023E+04	5.903E+01	1.932E-09	-2.116E-09
743	5	304.40	15	9.057E+01	-1.071E+04	-4.524E+02	1.156E+04	6.880E+04	6.743E+01	1.932E-09	-2.305E-09
743	5	304.40	16	9.057E+01	-1.071E+04	-3.962E+02	1.156E+04	6.023E+04	5.903E+01	1.932E-09	-2.116E-09

FILE: astec008.bin											
Caso di carico: 8 - SLD con SISMAX PRINC (1xC1 + 1xC2 + 1xC3 + 0.8xC5 + 0.890xSismaX + 0.267xSismaY)											
Asta	**Prog.**	**Dist. (cm)**	**Sest.**	**N (kN)**	**Ty (kN)**	**Tz (kN)**	**Mx (kNm)**	**My (kNm)**	**Mz (kNm)**	**freccia Y (cm)**	**freccia Z (cm)**
1	1	0.00	1	-2.084E+05	1.712E+04	3.342E+03	0.000E+00	9.492E+05	-4.828E+06	0.000E+00	0.000E+00
1	1	0.00	2	-2.084E+05	1.712E+04	4.914E+03	0.000E+00	1.393E+06	-4.828E+06	0.000E+00	0.000E+00
1	1	0.00	3	-2.084E+05	1.712E+04	-4.847E+03	0.000E+00	-1.373E+06	-4.828E+06	0.000E+00	0.000E+00
1	1	0.00	4	-2.084E+05	1.712E+04	-3.275E+03	0.000E+00	-9.297E+05	-4.828E+06	0.000E+00	0.000E+00
1	1	0.00	5	-2.084E+05	1.712E+04	3.275E+03	0.000E+00	9.297E+05	-4.828E+06	0.000E+00	0.000E+00
1	1	0.00	6	-2.084E+05	1.712E+04	4.847E+03	0.000E+00	1.373E+06	-4.828E+06	0.000E+00	0.000E+00
1	1	0.00	7	-2.084E+05	1.712E+04	-4.914E+03	0.000E+00	-1.393E+06	-4.828E+06	0.000E+00	0.000E+00
1	1	0.00	8	-2.084E+05	1.712E+04	-3.342E+03	0.000E+00	-9.492E+05	-4.828E+06	0.000E+00	0.000E+00
1	1	0.00	9	-2.084E+05	-1.306E+04	3.342E+03	0.000E+00	9.492E+05	3.678E+06	0.000E+00	0.000E+00
1	1	0.00	10	-2.084E+05	-1.306E+04	4.914E+03	0.000E+00	1.393E+06	3.678E+06	0.000E+00	0.000E+00
1	1	0.00	11	-2.084E+05	-1.306E+04	-4.847E+03	0.000E+00	-1.373E+06	3.678E+06	0.000E+00	0.000E+00
1	1	0.00	12	-2.084E+05	-1.306E+04	-3.275E+03	0.000E+00	-9.297E+05	3.678E+06	0.000E+00	0.000E+00
1	1	0.00	13	-2.084E+05	-1.306E+04	3.275E+03	0.000E+00	9.297E+05	3.678E+06	0.000E+00	0.000E+00
1	1	0.00	14	-2.084E+05	-1.306E+04	4.847E+03	0.000E+00	1.373E+06	3.678E+06	0.000E+00	0.000E+00
1	1	0.00	15	-2.084E+05	-1.306E+04	-4.914E+03	0.000E+00	-1.393E+06	3.678E+06	0.000E+00	0.000E+00
1	1	0.00	16	-2.084E+05	-1.306E+04	-3.342E+03	0.000E+00	-9.492E+05	3.678E+06	0.000E+00	0.000E+00
1	2	68.75	1	-2.065E+05	1.712E+04	3.342E+03	0.000E+00	7.194E+05	-3.652E+06	9.078E-03	1.793E-03

1	2	68.75	2	-2.065E+05	1.712E+04	4.914E+03	0.000E+00	1.055E+06	-3.652E+06	9.078E-03	2.627E-03
1	2	68.75	3	-2.065E+05	1.712E+04	-4.847E+03	0.000E+00	-1.040E+06	-3.652E+06	9.078E-03	-2.590E-03
1	2	68.75	4	-2.065E+05	1.712E+04	-3.275E+03	0.000E+00	-7.045E+05	-3.652E+06	9.078E-03	-1.755E-03
1	2	68.75	5	-2.065E+05	1.712E+04	3.275E+03	0.000E+00	7.045E+05	-3.652E+06	9.078E-03	1.755E-03
1	2	68.75	6	-2.065E+05	1.712E+04	4.847E+03	0.000E+00	1.040E+06	-3.652E+06	9.078E-03	2.590E-03
1	2	68.75	7	-2.065E+05	1.712E+04	-4.914E+03	0.000E+00	-1.055E+06	-3.652E+06	9.078E-03	-2.627E-03
1	2	68.75	8	-2.065E+05	1.712E+04	-3.342E+03	0.000E+00	-7.194E+05	-3.652E+06	9.078E-03	-1.793E-03
1	2	68.75	9	-2.065E+05	-1.306E+04	3.342E+03	0.000E+00	7.194E+05	2.781E+06	-6.909E-03	1.793E-03
1	2	68.75	10	-2.065E+05	-1.306E+04	4.914E+03	0.000E+00	1.055E+06	2.781E+06	-6.909E-03	2.627E-03
1	2	68.75	11	-2.065E+05	-1.306E+04	-4.847E+03	0.000E+00	-1.040E+06	2.781E+06	-6.909E-03	-2.590E-03
1	2	68.75	12	-2.065E+05	-1.306E+04	-3.275E+03	0.000E+00	-7.045E+05	2.781E+06	-6.909E-03	-1.755E-03
1	2	68.75	13	-2.065E+05	-1.306E+04	3.275E+03	0.000E+00	7.045E+05	2.781E+06	-6.909E-03	1.755E-03
1	2	68.75	14	-2.065E+05	-1.306E+04	4.847E+03	0.000E+00	1.040E+06	2.781E+06	-6.909E-03	2.590E-03
1	2	68.75	15	-2.065E+05	-1.306E+04	-4.914E+03	0.000E+00	-1.055E+06	2.781E+06	-6.909E-03	-2.627E-03
1	2	68.75	16	-2.065E+05	-1.306E+04	-3.342E+03	0.000E+00	-7.194E+05	2.781E+06	-6.909E-03	-1.793E-03
1	3	137.50	1	-2.045E+05	1.712E+04	3.342E+03	0.000E+00	4.896E+05	-2.475E+06	1.045E-02	2.067E-03
1	3	137.50	2	-2.045E+05	1.712E+04	4.914E+03	0.000E+00	7.172E+05	-2.475E+06	1.045E-02	3.028E-03
1	3	137.50	3	-2.045E+05	1.712E+04	-4.847E+03	0.000E+00	-7.070E+05	-2.475E+06	1.045E-02	-2.984E-03
1	3	137.50	4	-2.045E+05	1.712E+04	-3.275E+03	0.000E+00	-4.794E+05	-2.475E+06	1.045E-02	-2.024E-03
1	3	137.50	5	-2.045E+05	1.712E+04	3.275E+03	0.000E+00	4.794E+05	-2.475E+06	1.045E-02	2.024E-03
1	3	137.50	6	-2.045E+05	1.712E+04	4.847E+03	0.000E+00	7.070E+05	-2.475E+06	1.045E-02	2.984E-03
1	3	137.50	7	-2.045E+05	1.712E+04	-4.914E+03	0.000E+00	-7.172E+05	-2.475E+06	1.045E-02	-3.028E-03
1	3	137.50	8	-2.045E+05	1.712E+04	-3.342E+03	0.000E+00	-4.896E+05	-2.475E+06	1.045E-02	-2.067E-03
1	3	137.50	9	-2.046E+05	-1.306E+04	3.342E+03	0.000E+00	4.896E+05	1.883E+06	-7.949E-03	2.067E-03
1	3	137.50	10	-2.046E+05	-1.306E+04	4.914E+03	0.000E+00	7.172E+05	1.883E+06	-7.949E-03	3.028E-03
1	3	137.50	11	-2.046E+05	-1.306E+04	-4.847E+03	0.000E+00	-7.070E+05	1.883E+06	-7.949E-03	-2.984E-03
1	3	137.50	12	-2.046E+05	-1.306E+04	-3.275E+03	0.000E+00	-4.794E+05	1.883E+06	-7.949E-03	-2.024E-03
1	3	137.50	13	-2.046E+05	-1.306E+04	3.275E+03	0.000E+00	4.794E+05	1.883E+06	-7.949E-03	2.024E-03
1	3	137.50	14	-2.046E+05	-1.306E+04	4.847E+03	0.000E+00	7.070E+05	1.883E+06	-7.949E-03	2.984E-03
1	3	137.50	15	-2.046E+05	-1.306E+04	-4.914E+03	0.000E+00	-7.172E+05	1.883E+06	-7.949E-03	-3.028E-03
1	3	137.50	16	-2.046E+05	-1.306E+04	-3.342E+03	0.000E+00	-4.896E+05	1.883E+06	-7.949E-03	-2.067E-03
1	4	206.25	1	-2.026E+05	1.712E+04	3.342E+03	0.000E+00	2.599E+05	-1.298E+06	6.595E-03	1.308E-03
1	4	206.25	2	-2.026E+05	1.712E+04	4.914E+03	0.000E+00	3.794E+05	-1.298E+06	6.595E-03	1.914E-03
1	4	206.25	3	-2.026E+05	1.712E+04	-4.847E+03	0.000E+00	-3.738E+05	-1.298E+06	6.595E-03	-1.887E-03
1	4	206.25	4	-2.026E+05	1.712E+04	-3.275E+03	0.000E+00	-2.542E+05	-1.298E+06	6.595E-03	-1.280E-03
1	4	206.25	5	-2.026E+05	1.712E+04	3.275E+03	0.000E+00	2.542E+05	-1.298E+06	6.595E-03	1.280E-03
1	4	206.25	6	-2.026E+05	1.712E+04	4.847E+03	0.000E+00	3.738E+05	-1.298E+06	6.595E-03	1.887E-03
1	4	206.25	7	-2.026E+05	1.712E+04	-4.914E+03	0.000E+00	-3.794E+05	-1.298E+06	6.595E-03	-1.914E-03
1	4	206.25	8	-2.026E+05	1.712E+04	-3.342E+03	0.000E+00	-2.599E+05	-1.298E+06	6.595E-03	-1.308E-03
1	4	206.25	9	-2.026E+05	-1.306E+04	3.342E+03	0.000E+00	2.599E+05	9.855E+05	-5.015E-03	1.308E-03
1	4	206.25	10	-2.026E+05	-1.306E+04	4.914E+03	0.000E+00	3.794E+05	9.855E+05	-5.015E-03	1.914E-03
1	4	206.25	11	-2.026E+05	-1.306E+04	-4.847E+03	0.000E+00	-3.738E+05	9.855E+05	-5.015E-03	-1.887E-03
1	4	206.25	12	-2.026E+05	-1.306E+04	-3.275E+03	0.000E+00	-2.542E+05	9.855E+05	-5.015E-03	-1.280E-03
1	4	206.25	13	-2.026E+05	-1.306E+04	3.275E+03	0.000E+00	2.542E+05	9.855E+05	-5.015E-03	1.280E-03
1	4	206.25	14	-2.026E+05	-1.306E+04	4.847E+03	0.000E+00	3.738E+05	9.855E+05	-5.015E-03	1.887E-03
1	4	206.25	15	-2.026E+05	-1.306E+04	-4.914E+03	0.000E+00	-3.794E+05	9.855E+05	-5.015E-03	-1.914E-03
1	4	206.25	16	-2.026E+05	-1.306E+04	-3.342E+03	0.000E+00	-2.599E+05	9.855E+05	-5.015E-03	-1.308E-03
1	5	275.00	1	-2.007E+05	1.712E+04	3.342E+03	0.000E+00	3.066E+04	-1.218E+05	-1.553E-09	5.578E-10
1	5	275.00	2	-2.007E+05	1.712E+04	4.914E+03	0.000E+00	4.211E+04	-1.218E+05	-1.553E-09	3.776E-10
1	5	275.00	3	-2.007E+05	1.712E+04	-4.847E+03	0.000E+00	-4.102E+04	-1.218E+05	-1.553E-09	-3.701E-10
1	5	275.00	4	-2.007E+05	1.712E+04	-3.275E+03	0.000E+00	-2.957E+04	-1.218E+05	-1.553E-09	-5.503E-10
1	5	275.00	5	-2.007E+05	1.712E+04	3.275E+03	0.000E+00	2.957E+04	-1.218E+05	-1.553E-09	5.503E-10
1	5	275.00	6	-2.007E+05	1.712E+04	4.847E+03	0.000E+00	4.102E+04	-1.218E+05	-1.553E-09	3.701E-10
1	5	275.00	7	-2.007E+05	1.712E+04	-4.914E+03	0.000E+00	-4.211E+04	-1.218E+05	-1.553E-09	-3.776E-10
1	5	275.00	8	-2.007E+05	1.712E+04	-3.342E+03	0.000E+00	-3.066E+04	-1.218E+05	-1.553E-09	-5.578E-10
1	5	275.00	9	-2.007E+05	-1.306E+04	3.342E+03	0.000E+00	3.066E+04	8.790E+04	1.863E-09	5.578E-10
1	5	275.00	10	-2.007E+05	-1.306E+04	4.914E+03	0.000E+00	4.211E+04	8.790E+04	1.863E-09	3.776E-10
1	5	275.00	11	-2.007E+05	-1.306E+04	-4.847E+03	0.000E+00	-4.102E+04	8.790E+04	1.863E-09	-3.701E-10
1	5	275.00	12	-2.007E+05	-1.306E+04	-3.275E+03	0.000E+00	-2.957E+04	8.790E+04	1.863E-09	-5.503E-10
1	5	275.00	13	-2.007E+05	-1.306E+04	3.275E+03	0.000E+00	2.957E+04	8.790E+04	1.863E-09	5.503E-10
1	5	275.00	14	-2.007E+05	-1.306E+04	4.847E+03	0.000E+00	4.102E+04	8.790E+04	1.863E-09	3.701E-10
1	5	275.00	15	-2.007E+05	-1.306E+04	-4.914E+03	0.000E+00	-4.211E+04	8.790E+04	1.863E-09	-3.776E-10

1	5	275.00	16	-2.007E+05	-1.306E+04	-3.342E+03	0.000E+00	-3.066E+04	8.790E+04	1.863E-09	-5.578E-10
2	1	0.00	1	-2.137E+05	8.659E+03	7.827E+03	0.000E+00	3.649E+06	-4.043E+06	0.000E+00	0.000E+00
2	1	0.00	2	-2.137E+05	8.659E+03	9.136E+03	0.000E+00	4.260E+06	-4.043E+06	0.000E+00	0.000E+00
2	1	0.00	3	-2.137E+05	8.659E+03	-9.103E+03	0.000E+00	-4.243E+06	-4.043E+06	0.000E+00	0.000E+00
2	1	0.00	4	-2.137E+05	8.659E+03	-7.793E+03	0.000E+00	-3.633E+06	-4.043E+06	0.000E+00	0.000E+00
2	1	0.00	5	-2.137E+05	8.659E+03	7.793E+03	0.000E+00	3.633E+06	-4.043E+06	0.000E+00	0.000E+00
2	1	0.00	6	-2.137E+05	8.659E+03	9.103E+03	0.000E+00	4.243E+06	-4.043E+06	0.000E+00	0.000E+00
2	1	0.00	7	-2.137E+05	8.659E+03	-9.136E+03	0.000E+00	-4.260E+06	-4.043E+06	0.000E+00	0.000E+00
2	1	0.00	8	-2.137E+05	8.659E+03	-7.827E+03	0.000E+00	-3.649E+06	-4.043E+06	0.000E+00	0.000E+00
2	1	0.00	9	-2.137E+05	-7.662E+03	7.827E+03	0.000E+00	3.649E+06	3.576E+06	0.000E+00	0.000E+00
2	1	0.00	10	-2.137E+05	-7.662E+03	9.136E+03	0.000E+00	4.260E+06	3.576E+06	0.000E+00	0.000E+00
2	1	0.00	11	-2.137E+05	-7.662E+03	-9.103E+03	0.000E+00	-4.243E+06	3.576E+06	0.000E+00	0.000E+00
2	1	0.00	12	-2.137E+05	-7.662E+03	-7.793E+03	0.000E+00	-3.633E+06	3.576E+06	0.000E+00	0.000E+00
2	1	0.00	13	-2.137E+05	-7.662E+03	7.793E+03	0.000E+00	3.633E+06	3.576E+06	0.000E+00	0.000E+00
2	1	0.00	14	-2.137E+05	-7.662E+03	9.103E+03	0.000E+00	4.243E+06	3.576E+06	0.000E+00	0.000E+00
2	1	0.00	15	-2.137E+05	-7.662E+03	-9.136E+03	0.000E+00	-4.260E+06	3.576E+06	0.000E+00	0.000E+00
2	1	0.00	16	-2.137E+05	-7.662E+03	-7.827E+03	0.000E+00	-3.649E+06	3.576E+06	0.000E+00	0.000E+00
2	2	115.00	1	-2.104E+05	8.659E+03	7.827E+03	0.000E+00	2.749E+06	-3.047E+06	2.111E-02	1.903E-02
2	2	115.00	2	-2.104E+05	8.659E+03	9.136E+03	0.000E+00	3.209E+06	-3.047E+06	2.111E-02	2.222E-02
2	2	115.00	3	-2.104E+05	8.659E+03	-9.103E+03	0.000E+00	-3.197E+06	-3.047E+06	2.111E-02	-2.213E-02
2	2	115.00	4	-2.104E+05	8.659E+03	-7.793E+03	0.000E+00	-2.736E+06	-3.047E+06	2.111E-02	-1.895E-02
2	2	115.00	5	-2.104E+05	8.659E+03	7.793E+03	0.000E+00	2.736E+06	-3.047E+06	2.111E-02	1.895E-02
2	2	115.00	6	-2.104E+05	8.659E+03	9.103E+03	0.000E+00	3.197E+06	-3.047E+06	2.111E-02	2.213E-02
2	2	115.00	7	-2.104E+05	8.659E+03	-9.136E+03	0.000E+00	-3.209E+06	-3.047E+06	2.111E-02	-2.222E-02
2	2	115.00	8	-2.104E+05	8.659E+03	-7.827E+03	0.000E+00	-2.749E+06	-3.047E+06	2.111E-02	-1.903E-02
2	2	115.00	9	-2.104E+05	-7.662E+03	7.827E+03	0.000E+00	2.749E+06	2.695E+06	-1.867E-02	1.903E-02
2	2	115.00	10	-2.104E+05	-7.662E+03	9.136E+03	0.000E+00	3.209E+06	2.695E+06	-1.867E-02	2.222E-02
2	2	115.00	11	-2.104E+05	-7.662E+03	-9.103E+03	0.000E+00	-3.197E+06	2.695E+06	-1.867E-02	-2.213E-02
2	2	115.00	12	-2.104E+05	-7.662E+03	-7.793E+03	0.000E+00	-2.736E+06	2.695E+06	-1.867E-02	-1.895E-02
2	2	115.00	13	-2.104E+05	-7.662E+03	7.793E+03	0.000E+00	2.736E+06	2.695E+06	-1.867E-02	1.895E-02
2	2	115.00	14	-2.104E+05	-7.662E+03	9.103E+03	0.000E+00	3.197E+06	2.695E+06	-1.867E-02	2.213E-02
2	2	115.00	15	-2.104E+05	-7.662E+03	-9.136E+03	0.000E+00	-3.209E+06	2.695E+06	-1.867E-02	-2.222E-02
2	2	115.00	16	-2.104E+05	-7.662E+03	-7.827E+03	0.000E+00	-2.749E+06	2.695E+06	-1.867E-02	-1.903E-02
2	3	230.00	1	-2.072E+05	8.659E+03	7.827E+03	0.000E+00	1.849E+06	-2.051E+06	2.422E-02	2.184E-02
2	3	230.00	2	-2.072E+05	8.659E+03	9.136E+03	0.000E+00	2.158E+06	-2.051E+06	2.422E-02	2.549E-02
2	3	230.00	3	-2.072E+05	8.659E+03	-9.103E+03	0.000E+00	-2.150E+06	-2.051E+06	2.422E-02	-2.539E-02
2	3	230.00	4	-2.072E+05	8.659E+03	-7.793E+03	0.000E+00	-1.840E+06	-2.051E+06	2.422E-02	-2.173E-02
2	3	230.00	5	-2.072E+05	8.659E+03	7.793E+03	0.000E+00	1.840E+06	-2.051E+06	2.422E-02	2.173E-02
2	3	230.00	6	-2.072E+05	8.659E+03	9.103E+03	0.000E+00	2.150E+06	-2.051E+06	2.422E-02	2.539E-02
2	3	230.00	7	-2.072E+05	8.659E+03	-9.136E+03	0.000E+00	-2.158E+06	-2.051E+06	2.422E-02	-2.549E-02
2	3	230.00	8	-2.072E+05	8.659E+03	-7.827E+03	0.000E+00	-1.849E+06	-2.051E+06	2.422E-02	-2.184E-02
2	3	230.00	9	-2.072E+05	-7.662E+03	7.827E+03	0.000E+00	1.849E+06	1.814E+06	-2.142E-02	2.184E-02
2	3	230.00	10	-2.072E+05	-7.662E+03	9.136E+03	0.000E+00	2.158E+06	1.814E+06	-2.142E-02	2.549E-02
2	3	230.00	11	-2.072E+05	-7.662E+03	-9.103E+03	0.000E+00	-2.150E+06	1.814E+06	-2.142E-02	-2.539E-02
2	3	230.00	12	-2.072E+05	-7.662E+03	-7.793E+03	0.000E+00	-1.840E+06	1.814E+06	-2.142E-02	-2.173E-02
2	3	230.00	13	-2.072E+05	-7.662E+03	7.793E+03	0.000E+00	1.840E+06	1.814E+06	-2.142E-02	2.173E-02
2	3	230.00	14	-2.072E+05	-7.662E+03	9.103E+03	0.000E+00	2.150E+06	1.814E+06	-2.142E-02	2.539E-02
2	3	230.00	15	-2.072E+05	-7.662E+03	-9.136E+03	0.000E+00	-2.158E+06	1.814E+06	-2.142E-02	-2.549E-02
2	3	230.00	16	-2.072E+05	-7.662E+03	-7.827E+03	0.000E+00	-1.849E+06	1.814E+06	-2.142E-02	-2.184E-02
2	4	345.00	1	-2.039E+05	8.659E+03	7.827E+03	0.000E+00	9.485E+05	-1.055E+06	1.523E-02	1.372E-02
2	4	345.00	2	-2.039E+05	8.659E+03	9.136E+03	0.000E+00	1.108E+06	-1.055E+06	1.523E-02	1.602E-02
2	4	345.00	3	-2.039E+05	8.659E+03	-9.103E+03	0.000E+00	-1.103E+06	-1.055E+06	1.523E-02	-1.595E-02
2	4	345.00	4	-2.039E+05	8.659E+03	-7.793E+03	0.000E+00	-9.439E+05	-1.055E+06	1.523E-02	-1.365E-02
2	4	345.00	5	-2.039E+05	8.659E+03	7.793E+03	0.000E+00	9.439E+05	-1.055E+06	1.523E-02	1.365E-02
2	4	345.00	6	-2.039E+05	8.659E+03	9.103E+03	0.000E+00	1.103E+06	-1.055E+06	1.523E-02	1.595E-02
2	4	345.00	7	-2.039E+05	8.659E+03	-9.136E+03	0.000E+00	-1.108E+06	-1.055E+06	1.523E-02	-1.602E-02
2	4	345.00	8	-2.039E+05	8.659E+03	-7.827E+03	0.000E+00	-9.485E+05	-1.055E+06	1.523E-02	-1.372E-02
2	4	345.00	9	-2.039E+05	-7.662E+03	7.827E+03	0.000E+00	9.485E+05	9.326E+05	-1.347E-02	1.372E-02
2	4	345.00	10	-2.039E+05	-7.662E+03	9.136E+03	0.000E+00	1.108E+06	9.326E+05	-1.347E-02	1.602E-02
2	4	345.00	11	-2.039E+05	-7.662E+03	-9.103E+03	0.000E+00	-1.103E+06	9.326E+05	-1.347E-02	-1.595E-02
2	4	345.00	12	-2.039E+05	-7.662E+03	-7.793E+03	0.000E+00	-9.439E+05	9.326E+05	-1.347E-02	-1.365E-02
2	4	345.00	13	-2.039E+05	-7.662E+03	7.793E+03	0.000E+00	9.439E+05	9.326E+05	-1.347E-02	1.365E-02

2	4	345.00	14	-2.039E+05	-7.662E+03	9.103E+03	0.000E+00	1.103E+06	9.326E+05	-1.347E-02	1.595E-02
2	4	345.00	15	-2.039E+05	-7.662E+03	-9.136E+03	0.000E+00	-1.108E+06	9.326E+05	-1.347E-02	-1.602E-02
2	4	345.00	16	-2.039E+05	-7.662E+03	-7.827E+03	0.000E+00	-9.485E+05	9.326E+05	-1.347E-02	-1.372E-02
2	5	460.00	1	-2.007E+05	8.659E+03	7.827E+03	0.000E+00	4.867E+04	-5.931E+04	2.427E-09	-3.720E-09
2	5	460.00	2	-2.007E+05	8.659E+03	9.136E+03	0.000E+00	5.711E+04	-5.931E+04	2.427E-09	-3.952E-09
2	5	460.00	3	-2.007E+05	8.659E+03	-9.103E+03	0.000E+00	-5.632E+04	-5.931E+04	2.427E-09	3.929E-09
2	5	460.00	4	-2.007E+05	8.659E+03	-7.793E+03	0.000E+00	-4.788E+04	-5.931E+04	2.427E-09	3.696E-09
2	5	460.00	5	-2.007E+05	8.659E+03	7.793E+03	0.000E+00	4.788E+04	-5.931E+04	2.427E-09	-3.696E-09
2	5	460.00	6	-2.007E+05	8.659E+03	9.103E+03	0.000E+00	5.632E+04	-5.931E+04	2.427E-09	-3.929E-09
2	5	460.00	7	-2.007E+05	8.659E+03	-9.136E+03	0.000E+00	-5.711E+04	-5.931E+04	2.427E-09	3.952E-09
2	5	460.00	8	-2.007E+05	8.659E+03	-7.827E+03	0.000E+00	-4.867E+04	-5.931E+04	2.427E-09	3.720E-09
2	5	460.00	9	-2.007E+05	-7.662E+03	7.827E+03	0.000E+00	4.867E+04	5.147E+04	-2.267E-09	-3.720E-09
2	5	460.00	10	-2.007E+05	-7.662E+03	9.136E+03	0.000E+00	5.711E+04	5.147E+04	-2.267E-09	-3.952E-09
2	5	460.00	11	-2.007E+05	-7.662E+03	-9.103E+03	0.000E+00	-5.632E+04	5.147E+04	-2.267E-09	3.929E-09
2	5	460.00	12	-2.007E+05	-7.662E+03	-7.793E+03	0.000E+00	-4.788E+04	5.147E+04	-2.267E-09	3.696E-09
2	5	460.00	13	-2.007E+05	-7.662E+03	7.793E+03	0.000E+00	4.788E+04	5.147E+04	-2.267E-09	-3.696E-09
2	5	460.00	14	-2.007E+05	-7.662E+03	9.103E+03	0.000E+00	5.632E+04	5.147E+04	-2.267E-09	-3.929E-09
2	5	460.00	15	-2.007E+05	-7.662E+03	-9.136E+03	0.000E+00	-5.711E+04	5.147E+04	-2.267E-09	3.952E-09
2	5	460.00	16	-2.007E+05	-7.662E+03	-7.827E+03	0.000E+00	-4.867E+04	5.147E+04	-2.267E-09	3.720E-09
3	1	0.00	1	-2.137E+05	1.197E+04	8.184E+03	0.000E+00	3.823E+06	-5.573E+06	0.000E+00	0.000E+00
3	1	0.00	2	-2.137E+05	1.197E+04	9.320E+03	0.000E+00	4.354E+06	-5.573E+06	0.000E+00	0.000E+00
3	1	0.00	3	-2.137E+05	1.197E+04	-9.302E+03	0.000E+00	-4.344E+06	-5.573E+06	0.000E+00	0.000E+00
3	1	0.00	4	-2.137E+05	1.197E+04	-8.165E+03	0.000E+00	-3.813E+06	-5.573E+06	0.000E+00	0.000E+00
3	1	0.00	5	-2.137E+05	1.197E+04	8.165E+03	0.000E+00	3.813E+06	-5.573E+06	0.000E+00	0.000E+00
3	1	0.00	6	-2.137E+05	1.197E+04	9.302E+03	0.000E+00	4.344E+06	-5.573E+06	0.000E+00	0.000E+00
3	1	0.00	7	-2.137E+05	1.197E+04	-9.320E+03	0.000E+00	-4.354E+06	-5.573E+06	0.000E+00	0.000E+00
3	1	0.00	8	-2.137E+05	1.197E+04	-8.184E+03	0.000E+00	-3.823E+06	-5.573E+06	0.000E+00	0.000E+00
3	1	0.00	9	-2.137E+05	-1.118E+04	8.184E+03	0.000E+00	3.823E+06	5.200E+06	0.000E+00	0.000E+00
3	1	0.00	10	-2.137E+05	-1.118E+04	9.320E+03	0.000E+00	4.354E+06	5.200E+06	0.000E+00	0.000E+00
3	1	0.00	11	-2.137E+05	-1.118E+04	-9.302E+03	0.000E+00	-4.344E+06	5.200E+06	0.000E+00	0.000E+00
3	1	0.00	12	-2.137E+05	-1.118E+04	-8.165E+03	0.000E+00	-3.813E+06	5.200E+06	0.000E+00	0.000E+00
3	1	0.00	13	-2.137E+05	-1.118E+04	8.165E+03	0.000E+00	3.813E+06	5.200E+06	0.000E+00	0.000E+00
3	1	0.00	14	-2.137E+05	-1.118E+04	9.302E+03	0.000E+00	4.344E+06	5.200E+06	0.000E+00	0.000E+00
3	1	0.00	15	-2.137E+05	-1.118E+04	-9.320E+03	0.000E+00	-4.354E+06	5.200E+06	0.000E+00	0.000E+00
3	1	0.00	16	-2.137E+05	-1.118E+04	-8.184E+03	0.000E+00	-3.823E+06	5.200E+06	0.000E+00	0.000E+00
3	2	115.00	1	-2.104E+05	1.197E+04	8.184E+03	0.000E+00	2.881E+06	-4.197E+06	2.905E-02	1.997E-02
3	2	115.00	2	-2.104E+05	1.197E+04	9.320E+03	0.000E+00	3.282E+06	-4.197E+06	2.905E-02	2.274E-02
3	2	115.00	3	-2.104E+05	1.197E+04	-9.302E+03	0.000E+00	-3.275E+06	-4.197E+06	2.905E-02	-2.269E-02
3	2	115.00	4	-2.104E+05	1.197E+04	-8.165E+03	0.000E+00	-2.874E+06	-4.197E+06	2.905E-02	-1.992E-02
3	2	115.00	5	-2.104E+05	1.197E+04	8.165E+03	0.000E+00	2.874E+06	-4.197E+06	2.905E-02	1.992E-02
3	2	115.00	6	-2.104E+05	1.197E+04	9.302E+03	0.000E+00	3.275E+06	-4.197E+06	2.905E-02	2.269E-02
3	2	115.00	7	-2.104E+05	1.197E+04	-9.320E+03	0.000E+00	-3.282E+06	-4.197E+06	2.905E-02	-2.274E-02
3	2	115.00	8	-2.104E+05	1.197E+04	-8.184E+03	0.000E+00	-2.881E+06	-4.197E+06	2.905E-02	-1.997E-02
3	2	115.00	9	-2.104E+05	-1.118E+04	8.184E+03	0.000E+00	2.881E+06	3.915E+06	-2.709E-02	1.997E-02
3	2	115.00	10	-2.104E+05	-1.118E+04	9.320E+03	0.000E+00	3.282E+06	3.915E+06	-2.709E-02	2.274E-02
3	2	115.00	11	-2.104E+05	-1.118E+04	-9.302E+03	0.000E+00	-3.275E+06	3.915E+06	-2.709E-02	-2.269E-02
3	2	115.00	12	-2.104E+05	-1.118E+04	-8.165E+03	0.000E+00	-2.874E+06	3.915E+06	-2.709E-02	-1.992E-02
3	2	115.00	13	-2.104E+05	-1.118E+04	8.165E+03	0.000E+00	2.874E+06	3.915E+06	-2.709E-02	1.992E-02
3	2	115.00	14	-2.104E+05	-1.118E+04	9.302E+03	0.000E+00	3.275E+06	3.915E+06	-2.709E-02	2.269E-02
3	2	115.00	15	-2.104E+05	-1.118E+04	-9.320E+03	0.000E+00	-3.282E+06	3.915E+06	-2.709E-02	-2.274E-02
3	2	115.00	16	-2.104E+05	-1.118E+04	-8.184E+03	0.000E+00	-2.881E+06	3.915E+06	-2.709E-02	-1.997E-02
3	3	230.00	1	-2.072E+05	1.197E+04	8.184E+03	0.000E+00	1.940E+06	-2.820E+06	3.331E-02	2.292E-02
3	3	230.00	2	-2.072E+05	1.197E+04	9.320E+03	0.000E+00	2.210E+06	-2.820E+06	3.331E-02	2.611E-02
3	3	230.00	3	-2.072E+05	1.197E+04	-9.302E+03	0.000E+00	-2.205E+06	-2.820E+06	3.331E-02	-2.605E-02
3	3	230.00	4	-2.072E+05	1.197E+04	-8.165E+03	0.000E+00	-1.935E+06	-2.820E+06	3.331E-02	-2.286E-02
3	3	230.00	5	-2.072E+05	1.197E+04	8.165E+03	0.000E+00	1.935E+06	-2.820E+06	3.331E-02	2.286E-02
3	3	230.00	6	-2.072E+05	1.197E+04	9.302E+03	0.000E+00	2.205E+06	-2.820E+06	3.331E-02	2.605E-02
3	3	230.00	7	-2.072E+05	1.197E+04	-9.320E+03	0.000E+00	-2.210E+06	-2.820E+06	3.331E-02	-2.611E-02
3	3	230.00	8	-2.072E+05	1.197E+04	-8.184E+03	0.000E+00	-1.940E+06	-2.820E+06	3.331E-02	-2.292E-02
3	3	230.00	9	-2.072E+05	-1.118E+04	8.184E+03	0.000E+00	1.940E+06	2.630E+06	-3.106E-02	2.292E-02
3	3	230.00	10	-2.072E+05	-1.118E+04	9.320E+03	0.000E+00	2.210E+06	2.630E+06	-3.106E-02	2.611E-02
3	3	230.00	11	-2.072E+05	-1.118E+04	-9.302E+03	0.000E+00	-2.205E+06	2.630E+06	-3.106E-02	-2.605E-02

3	3	230.00	12	-2.072E+05	-1.118E+04	-8.165E+03	0.000E+00	-1.935E+06	2.630E+06	-3.106E-02	-2.286E-02
3	3	230.00	13	-2.072E+05	-1.118E+04	8.165E+03	0.000E+00	1.935E+06	2.630E+06	-3.106E-02	2.286E-02
3	3	230.00	14	-2.072E+05	-1.118E+04	9.302E+03	0.000E+00	2.205E+06	2.630E+06	-3.106E-02	2.605E-02
3	3	230.00	15	-2.072E+05	-1.118E+04	-9.320E+03	0.000E+00	-2.210E+06	2.630E+06	-3.106E-02	-2.611E-02
3	3	230.00	16	-2.072E+05	-1.118E+04	-8.184E+03	0.000E+00	-1.940E+06	2.630E+06	-3.106E-02	-2.292E-02
3	4	345.00	1	-2.039E+05	1.197E+04	8.184E+03	0.000E+00	9.993E+05	-1.443E+06	2.092E-02	1.441E-02
3	4	345.00	2	-2.039E+05	1.197E+04	9.320E+03	0.000E+00	1.138E+06	-1.443E+06	2.092E-02	1.641E-02
3	4	345.00	3	-2.039E+05	1.197E+04	-9.302E+03	0.000E+00	-1.135E+06	-1.443E+06	2.092E-02	-1.638E-02
3	4	345.00	4	-2.039E+05	1.197E+04	-8.165E+03	0.000E+00	-9.965E+05	-1.443E+06	2.092E-02	-1.437E-02
3	4	345.00	5	-2.039E+05	1.197E+04	8.165E+03	0.000E+00	9.965E+05	-1.443E+06	2.092E-02	1.437E-02
3	4	345.00	6	-2.039E+05	1.197E+04	9.302E+03	0.000E+00	1.135E+06	-1.443E+06	2.092E-02	1.638E-02
3	4	345.00	7	-2.039E+05	1.197E+04	-9.320E+03	0.000E+00	-1.138E+06	-1.443E+06	2.092E-02	-1.641E-02
3	4	345.00	8	-2.039E+05	1.197E+04	-8.184E+03	0.000E+00	-9.993E+05	-1.443E+06	2.092E-02	-1.441E-02
3	4	345.00	9	-2.039E+05	-1.118E+04	8.184E+03	0.000E+00	9.993E+05	1.344E+06	-1.950E-02	1.441E-02
3	4	345.00	10	-2.039E+05	-1.118E+04	9.320E+03	0.000E+00	1.138E+06	1.344E+06	-1.950E-02	1.641E-02
3	4	345.00	11	-2.039E+05	-1.118E+04	-9.302E+03	0.000E+00	-1.135E+06	1.344E+06	-1.950E-02	-1.638E-02
3	4	345.00	12	-2.039E+05	-1.118E+04	-8.165E+03	0.000E+00	-9.965E+05	1.344E+06	-1.950E-02	-1.437E-02
3	4	345.00	13	-2.039E+05	-1.118E+04	8.165E+03	0.000E+00	9.965E+05	1.344E+06	-1.950E-02	1.437E-02
3	4	345.00	14	-2.039E+05	-1.118E+04	9.302E+03	0.000E+00	1.135E+06	1.344E+06	-1.950E-02	1.638E-02
3	4	345.00	15	-2.039E+05	-1.118E+04	-9.320E+03	0.000E+00	-1.138E+06	1.344E+06	-1.950E-02	-1.641E-02
3	4	345.00	16	-2.039E+05	-1.118E+04	-8.184E+03	0.000E+00	-9.993E+05	1.344E+06	-1.950E-02	-1.441E-02
3	5	460.00	1	-2.007E+05	1.197E+04	8.184E+03	0.000E+00	5.874E+04	-6.674E+04	-1.927E-09	4.392E-09
3	5	460.00	2	-2.007E+05	1.197E+04	9.320E+03	0.000E+00	6.701E+04	-6.674E+04	-1.927E-09	3.898E-09
3	5	460.00	3	-2.007E+05	1.197E+04	-9.302E+03	0.000E+00	-6.632E+04	-6.674E+04	-1.927E-09	-3.879E-09
3	5	460.00	4	-2.007E+05	1.197E+04	-8.165E+03	0.000E+00	-5.805E+04	-6.674E+04	-1.927E-09	-4.373E-09
3	5	460.00	5	-2.007E+05	1.197E+04	8.165E+03	0.000E+00	5.805E+04	-6.674E+04	-1.927E-09	4.373E-09
3	5	460.00	6	-2.007E+05	1.197E+04	9.302E+03	0.000E+00	6.632E+04	-6.674E+04	-1.927E-09	3.879E-09
3	5	460.00	7	-2.007E+05	1.197E+04	-9.320E+03	0.000E+00	-6.701E+04	-6.674E+04	-1.927E-09	-3.898E-09
3	5	460.00	8	-2.007E+05	1.197E+04	-8.184E+03	0.000E+00	-5.874E+04	-6.674E+04	-1.927E-09	-4.392E-09
3	5	460.00	9	-2.007E+05	-1.118E+04	8.184E+03	0.000E+00	5.874E+04	5.936E+04	1.535E-09	4.392E-09
3	5	460.00	10	-2.007E+05	-1.118E+04	9.320E+03	0.000E+00	6.701E+04	5.936E+04	1.535E-09	3.898E-09
3	5	460.00	11	-2.007E+05	-1.118E+04	-9.302E+03	0.000E+00	-6.632E+04	5.936E+04	1.535E-09	-3.879E-09
3	5	460.00	12	-2.007E+05	-1.118E+04	-8.165E+03	0.000E+00	-5.805E+04	5.936E+04	1.535E-09	-4.373E-09
3	5	460.00	13	-2.007E+05	-1.118E+04	8.165E+03	0.000E+00	5.805E+04	5.936E+04	1.535E-09	4.373E-09
3	5	460.00	14	-2.007E+05	-1.118E+04	9.302E+03	0.000E+00	6.632E+04	5.936E+04	1.535E-09	3.879E-09
3	5	460.00	15	-2.007E+05	-1.118E+04	-9.320E+03	0.000E+00	-6.701E+04	5.936E+04	1.535E-09	-3.898E-09
3	5	460.00	16	-2.007E+05	-1.118E+04	-8.184E+03	0.000E+00	-5.874E+04	5.936E+04	1.535E-09	-4.392E-09
4	1	0.00	1	-2.145E+05	1.274E+04	9.289E+03	0.000E+00	4.617E+06	-6.319E+06	0.000E+00	0.000E+00
4	1	0.00	2	-2.145E+05	1.274E+04	1.020E+04	0.000E+00	5.068E+06	-6.319E+06	0.000E+00	0.000E+00
4	1	0.00	3	-2.145E+05	1.274E+04	-1.019E+04	0.000E+00	-5.063E+06	-6.319E+06	0.000E+00	0.000E+00
4	1	0.00	4	-2.145E+05	1.274E+04	-9.279E+03	0.000E+00	-4.611E+06	-6.319E+06	0.000E+00	0.000E+00
4	1	0.00	5	-2.145E+05	1.274E+04	9.279E+03	0.000E+00	4.611E+06	-6.319E+06	0.000E+00	0.000E+00
4	1	0.00	6	-2.145E+05	1.274E+04	1.019E+04	0.000E+00	5.063E+06	-6.319E+06	0.000E+00	0.000E+00
4	1	0.00	7	-2.145E+05	1.274E+04	-1.020E+04	0.000E+00	-5.068E+06	-6.319E+06	0.000E+00	0.000E+00
4	1	0.00	8	-2.145E+05	1.274E+04	-9.289E+03	0.000E+00	-4.617E+06	-6.319E+06	0.000E+00	0.000E+00
4	1	0.00	9	-2.145E+05	-1.221E+04	9.289E+03	0.000E+00	4.617E+06	6.055E+06	0.000E+00	0.000E+00
4	1	0.00	10	-2.145E+05	-1.221E+04	1.020E+04	0.000E+00	5.068E+06	6.055E+06	0.000E+00	0.000E+00
4	1	0.00	11	-2.145E+05	-1.221E+04	-1.019E+04	0.000E+00	-5.063E+06	6.055E+06	0.000E+00	0.000E+00
4	1	0.00	12	-2.145E+05	-1.221E+04	-9.279E+03	0.000E+00	-4.611E+06	6.055E+06	0.000E+00	0.000E+00
4	1	0.00	13	-2.145E+05	-1.221E+04	9.279E+03	0.000E+00	4.611E+06	6.055E+06	0.000E+00	0.000E+00
4	1	0.00	14	-2.145E+05	-1.221E+04	1.019E+04	0.000E+00	5.063E+06	6.055E+06	0.000E+00	0.000E+00
4	1	0.00	15	-2.145E+05	-1.221E+04	-1.020E+04	0.000E+00	-5.068E+06	6.055E+06	0.000E+00	0.000E+00
4	1	0.00	16	-2.145E+05	-1.221E+04	-9.289E+03	0.000E+00	-4.617E+06	6.055E+06	0.000E+00	0.000E+00
4	2	122.50	1	-2.111E+05	1.274E+04	9.289E+03	0.000E+00	3.479E+06	-4.759E+06	3.738E-02	2.734E-02
4	2	122.50	2	-2.111E+05	1.274E+04	1.020E+04	0.000E+00	3.819E+06	-4.759E+06	3.738E-02	3.002E-02
4	2	122.50	3	-2.111E+05	1.274E+04	-1.019E+04	0.000E+00	-3.815E+06	-4.759E+06	3.738E-02	-2.998E-02
4	2	122.50	4	-2.111E+05	1.274E+04	-9.279E+03	0.000E+00	-3.474E+06	-4.759E+06	3.738E-02	-2.731E-02
4	2	122.50	5	-2.111E+05	1.274E+04	9.279E+03	0.000E+00	3.474E+06	-4.759E+06	3.738E-02	2.731E-02
4	2	122.50	6	-2.111E+05	1.274E+04	1.019E+04	0.000E+00	3.815E+06	-4.759E+06	3.738E-02	2.998E-02
4	2	122.50	7	-2.111E+05	1.274E+04	-1.020E+04	0.000E+00	-3.819E+06	-4.759E+06	3.738E-02	-3.002E-02
4	2	122.50	8	-2.111E+05	1.274E+04	-9.289E+03	0.000E+00	-3.479E+06	-4.759E+06	3.738E-02	-2.734E-02
4	2	122.50	9	-2.110E+05	-1.221E+04	9.289E+03	0.000E+00	3.479E+06	4.560E+06	-3.582E-02	2.734E-02

4	2	122.50	10	-2.110E+05	-1.221E+04	1.020E+04	0.000E+00	3.819E+06	4.560E+06	-3.582E-02	3.002E-02
4	2	122.50	11	-2.110E+05	-1.221E+04	-1.019E+04	0.000E+00	-3.815E+06	4.560E+06	-3.582E-02	-2.998E-02
4	2	122.50	12	-2.110E+05	-1.221E+04	-9.279E+03	0.000E+00	-3.474E+06	4.560E+06	-3.582E-02	-2.731E-02
4	2	122.50	13	-2.110E+05	-1.221E+04	9.279E+03	0.000E+00	3.474E+06	4.560E+06	-3.582E-02	2.731E-02
4	2	122.50	14	-2.110E+05	-1.221E+04	1.019E+04	0.000E+00	3.815E+06	4.560E+06	-3.582E-02	2.998E-02
4	2	122.50	15	-2.110E+05	-1.221E+04	-1.020E+04	0.000E+00	-3.819E+06	4.560E+06	-3.582E-02	-3.002E-02
4	2	122.50	16	-2.110E+05	-1.221E+04	-9.289E+03	0.000E+00	-3.479E+06	4.560E+06	-3.582E-02	-2.734E-02
4	3	245.00	1	-2.076E+05	1.274E+04	9.289E+03	0.000E+00	2.341E+06	-3.199E+06	4.287E-02	3.137E-02
4	3	245.00	2	-2.076E+05	1.274E+04	1.020E+04	0.000E+00	2.570E+06	-3.199E+06	4.287E-02	3.444E-02
4	3	245.00	3	-2.076E+05	1.274E+04	-1.019E+04	0.000E+00	-2.567E+06	-3.199E+06	4.287E-02	-3.440E-02
4	3	245.00	4	-2.076E+05	1.274E+04	-9.279E+03	0.000E+00	-2.338E+06	-3.199E+06	4.287E-02	-3.133E-02
4	3	245.00	5	-2.076E+05	1.274E+04	9.279E+03	0.000E+00	2.338E+06	-3.199E+06	4.287E-02	3.133E-02
4	3	245.00	6	-2.076E+05	1.274E+04	1.019E+04	0.000E+00	2.567E+06	-3.199E+06	4.287E-02	3.440E-02
4	3	245.00	7	-2.076E+05	1.274E+04	-1.020E+04	0.000E+00	-2.570E+06	-3.199E+06	4.287E-02	-3.444E-02
4	3	245.00	8	-2.076E+05	1.274E+04	-9.289E+03	0.000E+00	-2.341E+06	-3.199E+06	4.287E-02	-3.137E-02
4	3	245.00	9	-2.076E+05	-1.221E+04	9.289E+03	0.000E+00	2.341E+06	3.065E+06	-4.107E-02	3.137E-02
4	3	245.00	10	-2.076E+05	-1.221E+04	1.020E+04	0.000E+00	2.570E+06	3.065E+06	-4.107E-02	3.444E-02
4	3	245.00	11	-2.076E+05	-1.221E+04	-1.019E+04	0.000E+00	-2.567E+06	3.065E+06	-4.107E-02	-3.440E-02
4	3	245.00	12	-2.076E+05	-1.221E+04	-9.279E+03	0.000E+00	-2.338E+06	3.065E+06	-4.107E-02	-3.133E-02
4	3	245.00	13	-2.076E+05	-1.221E+04	9.279E+03	0.000E+00	2.338E+06	3.065E+06	-4.107E-02	3.133E-02
4	3	245.00	14	-2.076E+05	-1.221E+04	1.019E+04	0.000E+00	2.567E+06	3.065E+06	-4.107E-02	3.440E-02
4	3	245.00	15	-2.076E+05	-1.221E+04	-1.020E+04	0.000E+00	-2.570E+06	3.065E+06	-4.107E-02	-3.444E-02
4	3	245.00	16	-2.076E+05	-1.221E+04	-9.289E+03	0.000E+00	-2.341E+06	3.065E+06	-4.107E-02	-3.137E-02
4	4	367.50	1	-2.042E+05	1.274E+04	9.289E+03	0.000E+00	1.203E+06	-1.638E+06	2.692E-02	1.972E-02
4	4	367.50	2	-2.042E+05	1.274E+04	1.020E+04	0.000E+00	1.321E+06	-1.638E+06	2.692E-02	2.165E-02
4	4	367.50	3	-2.042E+05	1.274E+04	-1.019E+04	0.000E+00	-1.319E+06	-1.638E+06	2.692E-02	-2.162E-02
4	4	367.50	4	-2.042E+05	1.274E+04	-9.279E+03	0.000E+00	-1.201E+06	-1.638E+06	2.692E-02	-1.969E-02
4	4	367.50	5	-2.042E+05	1.274E+04	9.279E+03	0.000E+00	1.201E+06	-1.638E+06	2.692E-02	1.969E-02
4	4	367.50	6	-2.042E+05	1.274E+04	1.019E+04	0.000E+00	1.319E+06	-1.638E+06	2.692E-02	2.162E-02
4	4	367.50	7	-2.042E+05	1.274E+04	-1.020E+04	0.000E+00	-1.321E+06	-1.638E+06	2.692E-02	-2.165E-02
4	4	367.50	8	-2.042E+05	1.274E+04	-9.289E+03	0.000E+00	-1.203E+06	-1.638E+06	2.692E-02	-1.972E-02
4	4	367.50	9	-2.041E+05	-1.221E+04	9.289E+03	0.000E+00	1.203E+06	1.569E+06	-2.579E-02	1.972E-02
4	4	367.50	10	-2.041E+05	-1.221E+04	1.020E+04	0.000E+00	1.321E+06	1.569E+06	-2.579E-02	2.165E-02
4	4	367.50	11	-2.041E+05	-1.221E+04	-1.019E+04	0.000E+00	-1.319E+06	1.569E+06	-2.579E-02	-2.162E-02
4	4	367.50	12	-2.041E+05	-1.221E+04	-9.279E+03	0.000E+00	-1.201E+06	1.569E+06	-2.579E-02	-1.969E-02
4	4	367.50	13	-2.041E+05	-1.221E+04	9.279E+03	0.000E+00	1.201E+06	1.569E+06	-2.579E-02	1.969E-02
4	4	367.50	14	-2.041E+05	-1.221E+04	1.019E+04	0.000E+00	1.319E+06	1.569E+06	-2.579E-02	2.162E-02
4	4	367.50	15	-2.041E+05	-1.221E+04	-1.020E+04	0.000E+00	-1.321E+06	1.569E+06	-2.579E-02	-2.165E-02
4	4	367.50	16	-2.041E+05	-1.221E+04	-9.289E+03	0.000E+00	-1.203E+06	1.569E+06	-2.579E-02	-1.972E-02
4	5	490.00	1	-2.007E+05	1.274E+04	9.289E+03	0.000E+00	6.564E+04	-7.807E+04	1.129E-08	-2.861E-09
4	5	490.00	2	-2.007E+05	1.274E+04	1.020E+04	0.000E+00	7.210E+04	-7.807E+04	1.129E-08	-3.031E-09
4	5	490.00	3	-2.007E+05	1.274E+04	-1.019E+04	0.000E+00	-7.148E+04	-7.807E+04	1.129E-08	3.021E-09
4	5	490.00	4	-2.007E+05	1.274E+04	-9.279E+03	0.000E+00	-6.501E+04	-7.807E+04	1.129E-08	2.850E-09
4	5	490.00	5	-2.007E+05	1.274E+04	9.279E+03	0.000E+00	6.501E+04	-7.807E+04	1.129E-08	-2.850E-09
4	5	490.00	6	-2.007E+05	1.274E+04	1.019E+04	0.000E+00	7.148E+04	-7.807E+04	1.129E-08	-3.021E-09
4	5	490.00	7	-2.007E+05	1.274E+04	-1.020E+04	0.000E+00	-7.210E+04	-7.807E+04	1.129E-08	3.031E-09
4	5	490.00	8	-2.007E+05	1.274E+04	-9.289E+03	0.000E+00	-6.564E+04	-7.807E+04	1.129E-08	2.861E-09
4	5	490.00	9	-2.006E+05	-1.221E+04	9.289E+03	0.000E+00	6.564E+04	7.391E+04	-1.109E-08	-2.861E-09
4	5	490.00	10	-2.006E+05	-1.221E+04	1.020E+04	0.000E+00	7.210E+04	7.391E+04	-1.109E-08	-3.031E-09
4	5	490.00	11	-2.006E+05	-1.221E+04	-1.019E+04	0.000E+00	-7.148E+04	7.391E+04	-1.109E-08	3.021E-09
4	5	490.00	12	-2.006E+05	-1.221E+04	-9.279E+03	0.000E+00	-6.501E+04	7.391E+04	-1.109E-08	2.850E-09
4	5	490.00	13	-2.006E+05	-1.221E+04	9.279E+03	0.000E+00	6.501E+04	7.391E+04	-1.109E-08	-2.850E-09
4	5	490.00	14	-2.006E+05	-1.221E+04	1.019E+04	0.000E+00	7.148E+04	7.391E+04	-1.109E-08	-3.021E-09
4	5	490.00	15	-2.006E+05	-1.221E+04	-1.020E+04	0.000E+00	-7.210E+04	7.391E+04	-1.109E-08	3.031E-09
4	5	490.00	16	-2.006E+05	-1.221E+04	-9.289E+03	0.000E+00	-6.564E+04	7.391E+04	-1.109E-08	2.861E-09
5	1	0.00	1	-2.157E+05	1.222E+04	1.034E+04	0.000E+00	5.545E+06	-6.534E+06	0.000E+00	0.000E+00
5	1	0.00	2	-2.157E+05	1.222E+04	1.101E+04	0.000E+00	5.904E+06	-6.534E+06	0.000E+00	0.000E+00
5	1	0.00	3	-2.157E+05	1.222E+04	-1.101E+04	0.000E+00	-5.901E+06	-6.534E+06	0.000E+00	0.000E+00
5	1	0.00	4	-2.157E+05	1.222E+04	-1.034E+04	0.000E+00	-5.542E+06	-6.534E+06	0.000E+00	0.000E+00
5	1	0.00	5	-2.157E+05	1.222E+04	1.034E+04	0.000E+00	5.542E+06	-6.534E+06	0.000E+00	0.000E+00
5	1	0.00	6	-2.157E+05	1.222E+04	1.101E+04	0.000E+00	5.901E+06	-6.534E+06	0.000E+00	0.000E+00
5	1	0.00	7	-2.157E+05	1.222E+04	-1.101E+04	0.000E+00	-5.904E+06	-6.534E+06	0.000E+00	0.000E+00

5	1	0.00	8	-2.157E+05	1.222E+04	-1.034E+04	0.000E+00	-5.545E+06	-6.534E+06	0.000E+00	0.000E+00
5	1	0.00	9	-2.156E+05	-1.190E+04	1.034E+04	0.000E+00	5.545E+06	6.362E+06	0.000E+00	0.000E+00
5	1	0.00	10	-2.156E+05	-1.190E+04	1.101E+04	0.000E+00	5.904E+06	6.362E+06	0.000E+00	0.000E+00
5	1	0.00	11	-2.156E+05	-1.190E+04	-1.101E+04	0.000E+00	-5.901E+06	6.362E+06	0.000E+00	0.000E+00
5	1	0.00	12	-2.156E+05	-1.190E+04	-1.034E+04	0.000E+00	-5.542E+06	6.362E+06	0.000E+00	0.000E+00
5	1	0.00	13	-2.156E+05	-1.190E+04	1.034E+04	0.000E+00	5.542E+06	6.362E+06	0.000E+00	0.000E+00
5	1	0.00	14	-2.156E+05	-1.190E+04	1.101E+04	0.000E+00	5.901E+06	6.362E+06	0.000E+00	0.000E+00
5	1	0.00	15	-2.156E+05	-1.190E+04	-1.101E+04	0.000E+00	-5.904E+06	6.362E+06	0.000E+00	0.000E+00
5	1	0.00	16	-2.156E+05	-1.190E+04	-1.034E+04	0.000E+00	-5.545E+06	6.362E+06	0.000E+00	0.000E+00
5	2	132.50	1	-2.119E+05	1.222E+04	1.034E+04	0.000E+00	4.174E+06	-4.915E+06	4.511E-02	3.835E-02
5	2	132.50	2	-2.119E+05	1.222E+04	1.101E+04	0.000E+00	4.445E+06	-4.915E+06	4.511E-02	4.083E-02
5	2	132.50	3	-2.119E+05	1.222E+04	-1.101E+04	0.000E+00	-4.442E+06	-4.915E+06	4.511E-02	-4.081E-02
5	2	132.50	4	-2.119E+05	1.222E+04	-1.034E+04	0.000E+00	-4.172E+06	-4.915E+06	4.511E-02	-3.832E-02
5	2	132.50	5	-2.119E+05	1.222E+04	1.034E+04	0.000E+00	4.172E+06	-4.915E+06	4.511E-02	3.832E-02
5	2	132.50	6	-2.119E+05	1.222E+04	1.101E+04	0.000E+00	4.442E+06	-4.915E+06	4.511E-02	4.081E-02
5	2	132.50	7	-2.119E+05	1.222E+04	-1.101E+04	0.000E+00	-4.445E+06	-4.915E+06	4.511E-02	-4.083E-02
5	2	132.50	8	-2.119E+05	1.222E+04	-1.034E+04	0.000E+00	-4.174E+06	-4.915E+06	4.511E-02	-3.835E-02
5	2	132.50	9	-2.119E+05	-1.190E+04	1.034E+04	0.000E+00	4.174E+06	4.785E+06	-4.392E-02	3.835E-02
5	2	132.50	10	-2.119E+05	-1.190E+04	1.101E+04	0.000E+00	4.445E+06	4.785E+06	-4.392E-02	4.083E-02
5	2	132.50	11	-2.119E+05	-1.190E+04	-1.101E+04	0.000E+00	-4.442E+06	4.785E+06	-4.392E-02	-4.081E-02
5	2	132.50	12	-2.119E+05	-1.190E+04	-1.034E+04	0.000E+00	-4.172E+06	4.785E+06	-4.392E-02	-3.832E-02
5	2	132.50	13	-2.119E+05	-1.190E+04	1.034E+04	0.000E+00	4.172E+06	4.785E+06	-4.392E-02	3.832E-02
5	2	132.50	14	-2.119E+05	-1.190E+04	1.101E+04	0.000E+00	4.442E+06	4.785E+06	-4.392E-02	4.081E-02
5	2	132.50	15	-2.119E+05	-1.190E+04	-1.101E+04	0.000E+00	-4.445E+06	4.785E+06	-4.392E-02	-4.083E-02
5	2	132.50	16	-2.119E+05	-1.190E+04	-1.034E+04	0.000E+00	-4.174E+06	4.785E+06	-4.392E-02	-3.835E-02
5	3	265.00	1	-2.082E+05	1.222E+04	1.034E+04	0.000E+00	2.804E+06	-3.297E+06	5.169E-02	4.397E-02
5	3	265.00	2	-2.082E+05	1.222E+04	1.101E+04	0.000E+00	2.986E+06	-3.297E+06	5.169E-02	4.682E-02
5	3	265.00	3	-2.082E+05	1.222E+04	-1.101E+04	0.000E+00	-2.984E+06	-3.297E+06	5.169E-02	-4.679E-02
5	3	265.00	4	-2.082E+05	1.222E+04	-1.034E+04	0.000E+00	-2.802E+06	-3.297E+06	5.169E-02	-4.394E-02
5	3	265.00	5	-2.082E+05	1.222E+04	1.034E+04	0.000E+00	2.802E+06	-3.297E+06	5.169E-02	4.394E-02
5	3	265.00	6	-2.082E+05	1.222E+04	1.101E+04	0.000E+00	2.984E+06	-3.297E+06	5.169E-02	4.679E-02
5	3	265.00	7	-2.082E+05	1.222E+04	-1.101E+04	0.000E+00	-2.986E+06	-3.297E+06	5.169E-02	-4.682E-02
5	3	265.00	8	-2.082E+05	1.222E+04	-1.034E+04	0.000E+00	-2.804E+06	-3.297E+06	5.169E-02	-4.397E-02
5	3	265.00	9	-2.081E+05	-1.190E+04	1.034E+04	0.000E+00	2.804E+06	3.209E+06	-5.032E-02	4.397E-02
5	3	265.00	10	-2.081E+05	-1.190E+04	1.101E+04	0.000E+00	2.986E+06	3.209E+06	-5.032E-02	4.682E-02
5	3	265.00	11	-2.081E+05	-1.190E+04	-1.101E+04	0.000E+00	-2.984E+06	3.209E+06	-5.032E-02	-4.679E-02
5	3	265.00	12	-2.081E+05	-1.190E+04	-1.034E+04	0.000E+00	-2.802E+06	3.209E+06	-5.032E-02	-4.394E-02
5	3	265.00	13	-2.081E+05	-1.190E+04	1.034E+04	0.000E+00	2.802E+06	3.209E+06	-5.032E-02	4.394E-02
5	3	265.00	14	-2.081E+05	-1.190E+04	1.101E+04	0.000E+00	2.984E+06	3.209E+06	-5.032E-02	4.679E-02
5	3	265.00	15	-2.081E+05	-1.190E+04	-1.101E+04	0.000E+00	-2.986E+06	3.209E+06	-5.032E-02	-4.682E-02
5	3	265.00	16	-2.081E+05	-1.190E+04	-1.034E+04	0.000E+00	-2.804E+06	3.209E+06	-5.032E-02	-4.397E-02
5	4	397.50	1	-2.044E+05	1.222E+04	1.034E+04	0.000E+00	1.434E+06	-1.678E+06	3.242E-02	2.760E-02
5	4	397.50	2	-2.044E+05	1.222E+04	1.101E+04	0.000E+00	1.527E+06	-1.678E+06	3.242E-02	2.939E-02
5	4	397.50	3	-2.044E+05	1.222E+04	-1.101E+04	0.000E+00	-1.525E+06	-1.678E+06	3.242E-02	-2.937E-02
5	4	397.50	4	-2.044E+05	1.222E+04	-1.034E+04	0.000E+00	-1.432E+06	-1.678E+06	3.242E-02	-2.758E-02
5	4	397.50	5	-2.044E+05	1.222E+04	1.034E+04	0.000E+00	1.432E+06	-1.678E+06	3.242E-02	2.758E-02
5	4	397.50	6	-2.044E+05	1.222E+04	1.101E+04	0.000E+00	1.525E+06	-1.678E+06	3.242E-02	2.937E-02
5	4	397.50	7	-2.044E+05	1.222E+04	-1.101E+04	0.000E+00	-1.527E+06	-1.678E+06	3.242E-02	-2.939E-02
5	4	397.50	8	-2.044E+05	1.222E+04	-1.034E+04	0.000E+00	-1.434E+06	-1.678E+06	3.242E-02	-2.760E-02
5	4	397.50	9	-2.044E+05	-1.190E+04	1.034E+04	0.000E+00	1.434E+06	1.632E+06	-3.156E-02	2.760E-02
5	4	397.50	10	-2.044E+05	-1.190E+04	1.101E+04	0.000E+00	1.527E+06	1.632E+06	-3.156E-02	2.939E-02
5	4	397.50	11	-2.044E+05	-1.190E+04	-1.101E+04	0.000E+00	-1.525E+06	1.632E+06	-3.156E-02	-2.937E-02
5	4	397.50	12	-2.044E+05	-1.190E+04	-1.034E+04	0.000E+00	-1.432E+06	1.632E+06	-3.156E-02	-2.758E-02
5	4	397.50	13	-2.044E+05	-1.190E+04	1.034E+04	0.000E+00	1.432E+06	1.632E+06	-3.156E-02	2.758E-02
5	4	397.50	14	-2.044E+05	-1.190E+04	1.101E+04	0.000E+00	1.525E+06	1.632E+06	-3.156E-02	2.937E-02
5	4	397.50	15	-2.044E+05	-1.190E+04	-1.101E+04	0.000E+00	-1.527E+06	1.632E+06	-3.156E-02	-2.939E-02
5	4	397.50	16	-2.044E+05	-1.190E+04	-1.034E+04	0.000E+00	-1.434E+06	1.632E+06	-3.156E-02	-2.760E-02
5	5	530.00	1	-2.007E+05	1.222E+04	1.034E+04	0.000E+00	6.371E+04	-5.938E+04	-7.186E-09	-1.687E-08
5	5	530.00	2	-2.007E+05	1.222E+04	1.101E+04	0.000E+00	6.823E+04	-5.938E+04	-7.186E-09	-1.621E-08
5	5	530.00	3	-2.007E+05	1.222E+04	-1.101E+04	0.000E+00	-6.766E+04	-5.938E+04	-7.186E-09	1.621E-08
5	5	530.00	4	-2.007E+05	1.222E+04	-1.034E+04	0.000E+00	-6.314E+04	-5.938E+04	-7.186E-09	1.687E-08
5	5	530.00	5	-2.007E+05	1.222E+04	1.034E+04	0.000E+00	6.314E+04	-5.938E+04	-7.186E-09	-1.687E-08

5	5	530.00	6	-2.007E+05	1.222E+04	1.101E+04	0.000E+00	6.766E+04	-5.938E+04	-7.186E-09	-1.621E-08
5	5	530.00	7	-2.007E+05	1.222E+04	-1.101E+04	0.000E+00	-6.823E+04	-5.938E+04	-7.186E-09	1.621E-08
5	5	530.00	8	-2.007E+05	1.222E+04	-1.034E+04	0.000E+00	-6.371E+04	-5.938E+04	-7.186E-09	1.687E-08
5	5	530.00	9	-2.006E+05	-1.190E+04	1.034E+04	0.000E+00	6.371E+04	5.591E+04	7.101E-09	-1.687E-08
5	5	530.00	10	-2.006E+05	-1.190E+04	1.101E+04	0.000E+00	6.823E+04	5.591E+04	7.101E-09	-1.621E-08
5	5	530.00	11	-2.006E+05	-1.190E+04	-1.101E+04	0.000E+00	-6.766E+04	5.591E+04	7.101E-09	1.621E-08
5	5	530.00	12	-2.006E+05	-1.190E+04	-1.034E+04	0.000E+00	-6.314E+04	5.591E+04	7.101E-09	1.687E-08
5	5	530.00	13	-2.006E+05	-1.190E+04	1.034E+04	0.000E+00	6.314E+04	5.591E+04	7.101E-09	-1.687E-08
5	5	530.00	14	-2.006E+05	-1.190E+04	1.101E+04	0.000E+00	6.766E+04	5.591E+04	7.101E-09	-1.621E-08
5	5	530.00	15	-2.006E+05	-1.190E+04	-1.101E+04	0.000E+00	-6.823E+04	5.591E+04	7.101E-09	1.621E-08
5	5	530.00	16	-2.006E+05	-1.190E+04	-1.034E+04	0.000E+00	-6.371E+04	5.591E+04	7.101E-09	1.687E-08
6	1	0.00	1	-2.133E+05	2.052E+04	7.966E+03	0.000E+00	3.610E+06	-9.264E+06	0.000E+00	0.000E+00
6	1	0.00	2	-2.133E+05	2.052E+04	8.441E+03	0.000E+00	3.825E+06	-9.264E+06	0.000E+00	0.000E+00
6	1	0.00	3	-2.133E+05	2.052E+04	-8.438E+03	0.000E+00	-3.823E+06	-9.264E+06	0.000E+00	0.000E+00
6	1	0.00	4	-2.133E+05	2.052E+04	-7.964E+03	0.000E+00	-3.608E+06	-9.264E+06	0.000E+00	0.000E+00
6	1	0.00	5	-2.133E+05	2.052E+04	7.964E+03	0.000E+00	3.608E+06	-9.264E+06	0.000E+00	0.000E+00
6	1	0.00	6	-2.133E+05	2.052E+04	8.438E+03	0.000E+00	3.823E+06	-9.264E+06	0.000E+00	0.000E+00
6	1	0.00	7	-2.133E+05	2.052E+04	-8.441E+03	0.000E+00	-3.825E+06	-9.264E+06	0.000E+00	0.000E+00
6	1	0.00	8	-2.133E+05	2.052E+04	-7.966E+03	0.000E+00	-3.610E+06	-9.264E+06	0.000E+00	0.000E+00
6	1	0.00	9	-2.132E+05	-2.021E+04	7.966E+03	0.000E+00	3.610E+06	9.120E+06	0.000E+00	0.000E+00
6	1	0.00	10	-2.132E+05	-2.021E+04	8.441E+03	0.000E+00	3.825E+06	9.120E+06	0.000E+00	0.000E+00
6	1	0.00	11	-2.132E+05	-2.021E+04	-8.438E+03	0.000E+00	-3.823E+06	9.120E+06	0.000E+00	0.000E+00
6	1	0.00	12	-2.132E+05	-2.021E+04	-7.964E+03	0.000E+00	-3.608E+06	9.120E+06	0.000E+00	0.000E+00
6	1	0.00	13	-2.132E+05	-2.021E+04	7.964E+03	0.000E+00	3.608E+06	9.120E+06	0.000E+00	0.000E+00
6	1	0.00	14	-2.132E+05	-2.021E+04	8.438E+03	0.000E+00	3.823E+06	9.120E+06	0.000E+00	0.000E+00
6	1	0.00	15	-2.132E+05	-2.021E+04	-8.441E+03	0.000E+00	-3.825E+06	9.120E+06	0.000E+00	0.000E+00
6	1	0.00	16	-2.132E+05	-2.021E+04	-7.966E+03	0.000E+00	-3.610E+06	9.120E+06	0.000E+00	0.000E+00
6	2	111.25	1	-2.101E+05	2.052E+04	7.966E+03	0.000E+00	2.723E+06	-6.981E+06	4.526E-02	1.768E-02
6	2	111.25	2	-2.101E+05	2.052E+04	8.441E+03	0.000E+00	2.886E+06	-6.981E+06	4.526E-02	1.873E-02
6	2	111.25	3	-2.101E+05	2.052E+04	-8.438E+03	0.000E+00	-2.884E+06	-6.981E+06	4.526E-02	-1.872E-02
6	2	111.25	4	-2.101E+05	2.052E+04	-7.964E+03	0.000E+00	-2.722E+06	-6.981E+06	4.526E-02	-1.767E-02
6	2	111.25	5	-2.101E+05	2.052E+04	7.964E+03	0.000E+00	2.722E+06	-6.981E+06	4.526E-02	1.767E-02
6	2	111.25	6	-2.101E+05	2.052E+04	8.438E+03	0.000E+00	2.884E+06	-6.981E+06	4.526E-02	1.872E-02
6	2	111.25	7	-2.101E+05	2.052E+04	-8.441E+03	0.000E+00	-2.886E+06	-6.981E+06	4.526E-02	-1.873E-02
6	2	111.25	8	-2.101E+05	2.052E+04	-7.966E+03	0.000E+00	-2.723E+06	-6.981E+06	4.526E-02	-1.768E-02
6	2	111.25	9	-2.101E+05	-2.021E+04	7.966E+03	0.000E+00	2.723E+06	6.873E+06	-4.455E-02	1.768E-02
6	2	111.25	10	-2.101E+05	-2.021E+04	8.441E+03	0.000E+00	2.886E+06	6.873E+06	-4.455E-02	1.873E-02
6	2	111.25	11	-2.101E+05	-2.021E+04	-8.438E+03	0.000E+00	-2.884E+06	6.873E+06	-4.455E-02	-1.872E-02
6	2	111.25	12	-2.101E+05	-2.021E+04	-7.964E+03	0.000E+00	-2.722E+06	6.873E+06	-4.455E-02	-1.767E-02
6	2	111.25	13	-2.101E+05	-2.021E+04	7.964E+03	0.000E+00	2.722E+06	6.873E+06	-4.455E-02	1.767E-02
6	2	111.25	14	-2.101E+05	-2.021E+04	8.438E+03	0.000E+00	2.884E+06	6.873E+06	-4.455E-02	1.872E-02
6	2	111.25	15	-2.101E+05	-2.021E+04	-8.441E+03	0.000E+00	-2.886E+06	6.873E+06	-4.455E-02	-1.873E-02
6	2	111.25	16	-2.101E+05	-2.021E+04	-7.966E+03	0.000E+00	-2.723E+06	6.873E+06	-4.455E-02	-1.768E-02
6	3	222.50	1	-2.070E+05	2.052E+04	7.966E+03	0.000E+00	1.837E+06	-4.698E+06	5.193E-02	2.031E-02
6	3	222.50	2	-2.070E+05	2.052E+04	8.441E+03	0.000E+00	1.946E+06	-4.698E+06	5.193E-02	2.152E-02
6	3	222.50	3	-2.070E+05	2.052E+04	-8.438E+03	0.000E+00	-1.945E+06	-4.698E+06	5.193E-02	-2.150E-02
6	3	222.50	4	-2.070E+05	2.052E+04	-7.964E+03	0.000E+00	-1.836E+06	-4.698E+06	5.193E-02	-2.029E-02
6	3	222.50	5	-2.070E+05	2.052E+04	7.964E+03	0.000E+00	1.836E+06	-4.698E+06	5.193E-02	2.029E-02
6	3	222.50	6	-2.070E+05	2.052E+04	8.438E+03	0.000E+00	1.945E+06	-4.698E+06	5.193E-02	2.150E-02
6	3	222.50	7	-2.070E+05	2.052E+04	-8.441E+03	0.000E+00	-1.946E+06	-4.698E+06	5.193E-02	-2.152E-02
6	3	222.50	8	-2.070E+05	2.052E+04	-7.966E+03	0.000E+00	-1.837E+06	-4.698E+06	5.193E-02	-2.031E-02
6	3	222.50	9	-2.069E+05	-2.021E+04	7.966E+03	0.000E+00	1.837E+06	4.625E+06	-5.112E-02	2.031E-02
6	3	222.50	10	-2.069E+05	-2.021E+04	8.441E+03	0.000E+00	1.946E+06	4.625E+06	-5.112E-02	2.152E-02
6	3	222.50	11	-2.069E+05	-2.021E+04	-8.438E+03	0.000E+00	-1.945E+06	4.625E+06	-5.112E-02	-2.150E-02
6	3	222.50	12	-2.069E+05	-2.021E+04	-7.964E+03	0.000E+00	-1.836E+06	4.625E+06	-5.112E-02	-2.029E-02
6	3	222.50	13	-2.069E+05	-2.021E+04	7.964E+03	0.000E+00	1.836E+06	4.625E+06	-5.112E-02	2.029E-02
6	3	222.50	14	-2.069E+05	-2.021E+04	8.438E+03	0.000E+00	1.945E+06	4.625E+06	-5.112E-02	2.150E-02
6	3	222.50	15	-2.069E+05	-2.021E+04	-8.441E+03	0.000E+00	-1.946E+06	4.625E+06	-5.112E-02	-2.152E-02
6	3	222.50	16	-2.069E+05	-2.021E+04	-7.966E+03	0.000E+00	-1.837E+06	4.625E+06	-5.112E-02	-2.031E-02
6	4	333.75	1	-2.038E+05	2.052E+04	7.966E+03	0.000E+00	9.509E+05	-2.415E+06	3.264E-02	1.278E-02
6	4	333.75	2	-2.038E+05	2.052E+04	8.441E+03	0.000E+00	1.007E+06	-2.415E+06	3.264E-02	1.354E-02
6	4	333.75	3	-2.038E+05	2.052E+04	-8.438E+03	0.000E+00	-1.007E+06	-2.415E+06	3.264E-02	-1.353E-02

6	4	333.75	4	-2.038E+05	2.052E+04	-7.964E+03	0.000E+00	-9.500E+05	-2.415E+06	3.264E-02	-1.277E-02
6	4	333.75	5	-2.038E+05	2.052E+04	7.964E+03	0.000E+00	9.500E+05	-2.415E+06	3.264E-02	1.277E-02
6	4	333.75	6	-2.038E+05	2.052E+04	8.438E+03	0.000E+00	1.007E+06	-2.415E+06	3.264E-02	1.353E-02
6	4	333.75	7	-2.038E+05	2.052E+04	-8.441E+03	0.000E+00	-1.007E+06	-2.415E+06	3.264E-02	-1.354E-02
6	4	333.75	8	-2.038E+05	2.052E+04	-7.966E+03	0.000E+00	-9.509E+05	-2.415E+06	3.264E-02	-1.278E-02
6	4	333.75	9	-2.038E+05	-2.021E+04	7.966E+03	0.000E+00	9.509E+05	2.377E+06	-3.213E-02	1.278E-02
6	4	333.75	10	-2.038E+05	-2.021E+04	8.441E+03	0.000E+00	1.007E+06	2.377E+06	-3.213E-02	1.354E-02
6	4	333.75	11	-2.038E+05	-2.021E+04	-8.438E+03	0.000E+00	-1.007E+06	2.377E+06	-3.213E-02	-1.353E-02
6	4	333.75	12	-2.038E+05	-2.021E+04	-7.964E+03	0.000E+00	-9.500E+05	2.377E+06	-3.213E-02	-1.277E-02
6	4	333.75	13	-2.038E+05	-2.021E+04	7.964E+03	0.000E+00	9.500E+05	2.377E+06	-3.213E-02	1.277E-02
6	4	333.75	14	-2.038E+05	-2.021E+04	8.438E+03	0.000E+00	1.007E+06	2.377E+06	-3.213E-02	1.353E-02
6	4	333.75	15	-2.038E+05	-2.021E+04	-8.441E+03	0.000E+00	-1.007E+06	2.377E+06	-3.213E-02	-1.354E-02
6	4	333.75	16	-2.038E+05	-2.021E+04	-7.966E+03	0.000E+00	-9.509E+05	2.377E+06	-3.213E-02	-1.278E-02
6	5	445.00	1	-2.007E+05	2.052E+04	7.966E+03	0.000E+00	6.553E+04	-1.313E+05	-1.595E-08	2.897E-09
6	5	445.00	2	-2.007E+05	2.052E+04	8.441E+03	0.000E+00	6.920E+04	-1.313E+05	-1.595E-08	3.099E-09
6	5	445.00	3	-2.007E+05	2.052E+04	-8.438E+03	0.000E+00	-6.863E+04	-1.313E+05	-1.595E-08	-3.100E-09
6	5	445.00	4	-2.007E+05	2.052E+04	-7.964E+03	0.000E+00	-6.496E+04	-1.313E+05	-1.595E-08	-2.898E-09
6	5	445.00	5	-2.007E+05	2.052E+04	7.964E+03	0.000E+00	6.496E+04	-1.313E+05	-1.595E-08	2.898E-09
6	5	445.00	6	-2.007E+05	2.052E+04	8.438E+03	0.000E+00	6.863E+04	-1.313E+05	-1.595E-08	3.100E-09
6	5	445.00	7	-2.007E+05	2.052E+04	-8.441E+03	0.000E+00	-6.920E+04	-1.313E+05	-1.595E-08	-3.099E-09
6	5	445.00	8	-2.007E+05	2.052E+04	-7.966E+03	0.000E+00	-6.553E+04	-1.313E+05	-1.595E-08	-2.897E-09
6	5	445.00	9	-2.006E+05	-2.021E+04	7.966E+03	0.000E+00	6.553E+04	1.288E+05	1.595E-08	2.897E-09
6	5	445.00	10	-2.006E+05	-2.021E+04	8.441E+03	0.000E+00	6.920E+04	1.288E+05	1.595E-08	3.099E-09
6	5	445.00	11	-2.006E+05	-2.021E+04	-8.438E+03	0.000E+00	-6.863E+04	1.288E+05	1.595E-08	-3.100E-09
6	5	445.00	12	-2.006E+05	-2.021E+04	-7.964E+03	0.000E+00	-6.496E+04	1.288E+05	1.595E-08	-2.898E-09
6	5	445.00	13	-2.006E+05	-2.021E+04	7.964E+03	0.000E+00	6.496E+04	1.288E+05	1.595E-08	2.898E-09
6	5	445.00	14	-2.006E+05	-2.021E+04	8.438E+03	0.000E+00	6.863E+04	1.288E+05	1.595E-08	3.100E-09
6	5	445.00	15	-2.006E+05	-2.021E+04	-8.441E+03	0.000E+00	-6.920E+04	1.288E+05	1.595E-08	-3.099E-09
6	5	445.00	16	-2.006E+05	-2.021E+04	-7.966E+03	0.000E+00	-6.553E+04	1.288E+05	1.595E-08	-2.897E-09
7	1	0.00	1	-2.155E+05	1.703E+04	7.968E+03	0.000E+00	3.961E+06	-8.519E+06	0.000E+00	0.000E+00
7	1	0.00	2	-2.155E+05	1.703E+04	8.201E+03	0.000E+00	4.077E+06	-8.519E+06	0.000E+00	0.000E+00
7	1	0.00	3	-2.155E+05	1.703E+04	-8.199E+03	0.000E+00	-4.075E+06	-8.519E+06	0.000E+00	0.000E+00
7	1	0.00	4	-2.155E+05	1.703E+04	-7.967E+03	0.000E+00	-3.960E+06	-8.519E+06	0.000E+00	0.000E+00
7	1	0.00	5	-2.155E+05	1.703E+04	7.967E+03	0.000E+00	3.960E+06	-8.519E+06	0.000E+00	0.000E+00
7	1	0.00	6	-2.155E+05	1.703E+04	8.199E+03	0.000E+00	4.075E+06	-8.519E+06	0.000E+00	0.000E+00
7	1	0.00	7	-2.155E+05	1.703E+04	-8.201E+03	0.000E+00	-4.077E+06	-8.519E+06	0.000E+00	0.000E+00
7	1	0.00	8	-2.155E+05	1.703E+04	-7.968E+03	0.000E+00	-3.961E+06	-8.519E+06	0.000E+00	0.000E+00
7	1	0.00	9	-2.155E+05	-1.730E+04	7.968E+03	0.000E+00	3.961E+06	8.496E+06	0.000E+00	0.000E+00
7	1	0.00	10	-2.155E+05	-1.730E+04	8.201E+03	0.000E+00	4.077E+06	8.496E+06	0.000E+00	0.000E+00
7	1	0.00	11	-2.155E+05	-1.730E+04	-8.199E+03	0.000E+00	-4.075E+06	8.496E+06	0.000E+00	0.000E+00
7	1	0.00	12	-2.155E+05	-1.730E+04	-7.967E+03	0.000E+00	-3.960E+06	8.496E+06	0.000E+00	0.000E+00
7	1	0.00	13	-2.155E+05	-1.730E+04	7.967E+03	0.000E+00	3.960E+06	8.496E+06	0.000E+00	0.000E+00
7	1	0.00	14	-2.155E+05	-1.730E+04	8.199E+03	0.000E+00	4.075E+06	8.496E+06	0.000E+00	0.000E+00
7	1	0.00	15	-2.155E+05	-1.730E+04	-8.201E+03	0.000E+00	-4.077E+06	8.496E+06	0.000E+00	0.000E+00
7	1	0.00	16	-2.155E+05	-1.730E+04	-7.968E+03	0.000E+00	-3.961E+06	8.496E+06	0.000E+00	0.000E+00
7	2	122.50	1	-2.120E+05	1.703E+04	7.968E+03	0.000E+00	2.985E+06	-6.433E+06	5.068E-02	2.346E-02
7	2	122.50	2	-2.120E+05	1.703E+04	8.201E+03	0.000E+00	3.072E+06	-6.433E+06	5.068E-02	2.415E-02
7	2	122.50	3	-2.120E+05	1.703E+04	-8.199E+03	0.000E+00	-3.071E+06	-6.433E+06	5.068E-02	-2.414E-02
7	2	122.50	4	-2.120E+05	1.703E+04	-7.967E+03	0.000E+00	-2.984E+06	-6.433E+06	5.068E-02	-2.346E-02
7	2	122.50	5	-2.120E+05	1.703E+04	7.967E+03	0.000E+00	2.984E+06	-6.433E+06	5.068E-02	2.346E-02
7	2	122.50	6	-2.120E+05	1.703E+04	8.199E+03	0.000E+00	3.071E+06	-6.433E+06	5.068E-02	2.414E-02
7	2	122.50	7	-2.120E+05	1.703E+04	-8.201E+03	0.000E+00	-3.072E+06	-6.433E+06	5.068E-02	-2.415E-02
7	2	122.50	8	-2.120E+05	1.703E+04	-7.968E+03	0.000E+00	-2.985E+06	-6.433E+06	5.068E-02	-2.346E-02
7	2	122.50	9	-2.120E+05	-1.730E+04	7.968E+03	0.000E+00	2.985E+06	6.377E+06	-4.990E-02	2.346E-02
7	2	122.50	10	-2.120E+05	-1.730E+04	8.201E+03	0.000E+00	3.072E+06	6.377E+06	-4.990E-02	2.415E-02
7	2	122.50	11	-2.120E+05	-1.730E+04	-8.199E+03	0.000E+00	-3.071E+06	6.377E+06	-4.990E-02	-2.414E-02
7	2	122.50	12	-2.120E+05	-1.730E+04	-7.967E+03	0.000E+00	-2.984E+06	6.377E+06	-4.990E-02	-2.346E-02
7	2	122.50	13	-2.120E+05	-1.730E+04	7.967E+03	0.000E+00	2.984E+06	6.377E+06	-4.990E-02	2.346E-02
7	2	122.50	14	-2.120E+05	-1.730E+04	8.199E+03	0.000E+00	3.071E+06	6.377E+06	-4.990E-02	2.414E-02
7	2	122.50	15	-2.120E+05	-1.730E+04	-8.201E+03	0.000E+00	-3.072E+06	6.377E+06	-4.990E-02	-2.415E-02
7	2	122.50	16	-2.120E+05	-1.730E+04	-7.968E+03	0.000E+00	-2.985E+06	6.377E+06	-4.990E-02	-2.346E-02
7	3	245.00	1	-2.086E+05	1.703E+04	7.968E+03	0.000E+00	2.009E+06	-4.347E+06	5.826E-02	2.693E-02

7	3	245.00	2	-2.086E+05	1.703E+04	8.201E+03	0.000E+00	2.068E+06	-4.347E+06	5.826E-02	2.771E-02
7	3	245.00	3	-2.086E+05	1.703E+04	-8.199E+03	0.000E+00	-2.067E+06	-4.347E+06	5.826E-02	-2.770E-02
7	3	245.00	4	-2.086E+05	1.703E+04	-7.967E+03	0.000E+00	-2.008E+06	-4.347E+06	5.826E-02	-2.691E-02
7	3	245.00	5	-2.086E+05	1.703E+04	7.967E+03	0.000E+00	2.008E+06	-4.347E+06	5.826E-02	2.691E-02
7	3	245.00	6	-2.086E+05	1.703E+04	8.199E+03	0.000E+00	2.067E+06	-4.347E+06	5.826E-02	2.770E-02
7	3	245.00	7	-2.086E+05	1.703E+04	-8.201E+03	0.000E+00	-2.068E+06	-4.347E+06	5.826E-02	-2.771E-02
7	3	245.00	8	-2.086E+05	1.703E+04	-7.968E+03	0.000E+00	-2.009E+06	-4.347E+06	5.826E-02	-2.693E-02
7	3	245.00	9	-2.085E+05	-1.730E+04	7.968E+03	0.000E+00	2.009E+06	4.258E+06	-5.706E-02	2.693E-02
7	3	245.00	10	-2.085E+05	-1.730E+04	8.201E+03	0.000E+00	2.068E+06	4.258E+06	-5.706E-02	2.771E-02
7	3	245.00	11	-2.085E+05	-1.730E+04	-8.199E+03	0.000E+00	-2.067E+06	4.258E+06	-5.706E-02	-2.770E-02
7	3	245.00	12	-2.085E+05	-1.730E+04	-7.967E+03	0.000E+00	-2.008E+06	4.258E+06	-5.706E-02	-2.691E-02
7	3	245.00	13	-2.085E+05	-1.730E+04	7.967E+03	0.000E+00	2.008E+06	4.258E+06	-5.706E-02	2.691E-02
7	3	245.00	14	-2.085E+05	-1.730E+04	8.199E+03	0.000E+00	2.067E+06	4.258E+06	-5.706E-02	2.770E-02
7	3	245.00	15	-2.085E+05	-1.730E+04	-8.201E+03	0.000E+00	-2.068E+06	4.258E+06	-5.706E-02	-2.771E-02
7	3	245.00	16	-2.085E+05	-1.730E+04	-7.968E+03	0.000E+00	-2.009E+06	4.258E+06	-5.706E-02	-2.693E-02
7	4	367.50	1	-2.051E+05	1.703E+04	7.968E+03	0.000E+00	1.033E+06	-2.261E+06	3.670E-02	1.692E-02
7	4	367.50	2	-2.051E+05	1.703E+04	8.201E+03	0.000E+00	1.063E+06	-2.261E+06	3.670E-02	1.742E-02
7	4	367.50	3	-2.051E+05	1.703E+04	-8.199E+03	0.000E+00	-1.062E+06	-2.261E+06	3.670E-02	-1.741E-02
7	4	367.50	4	-2.051E+05	1.703E+04	-7.967E+03	0.000E+00	-1.032E+06	-2.261E+06	3.670E-02	-1.692E-02
7	4	367.50	5	-2.051E+05	1.703E+04	7.967E+03	0.000E+00	1.032E+06	-2.261E+06	3.670E-02	1.692E-02
7	4	367.50	6	-2.051E+05	1.703E+04	8.199E+03	0.000E+00	1.062E+06	-2.261E+06	3.670E-02	1.741E-02
7	4	367.50	7	-2.051E+05	1.703E+04	-8.201E+03	0.000E+00	-1.063E+06	-2.261E+06	3.670E-02	-1.742E-02
7	4	367.50	8	-2.051E+05	1.703E+04	-7.968E+03	0.000E+00	-1.033E+06	-2.261E+06	3.670E-02	-1.692E-02
7	4	367.50	9	-2.051E+05	-1.730E+04	7.968E+03	0.000E+00	1.033E+06	2.139E+06	-3.570E-02	1.692E-02
7	4	367.50	10	-2.051E+05	-1.730E+04	8.201E+03	0.000E+00	1.063E+06	2.139E+06	-3.570E-02	1.742E-02
7	4	367.50	11	-2.051E+05	-1.730E+04	-8.199E+03	0.000E+00	-1.062E+06	2.139E+06	-3.570E-02	-1.741E-02
7	4	367.50	12	-2.051E+05	-1.730E+04	-7.967E+03	0.000E+00	-1.032E+06	2.139E+06	-3.570E-02	-1.692E-02
7	4	367.50	13	-2.051E+05	-1.730E+04	7.967E+03	0.000E+00	1.032E+06	2.139E+06	-3.570E-02	1.692E-02
7	4	367.50	14	-2.051E+05	-1.730E+04	8.199E+03	0.000E+00	1.062E+06	2.139E+06	-3.570E-02	1.741E-02
7	4	367.50	15	-2.051E+05	-1.730E+04	-8.201E+03	0.000E+00	-1.063E+06	2.139E+06	-3.570E-02	-1.742E-02
7	4	367.50	16	-2.051E+05	-1.730E+04	-7.968E+03	0.000E+00	-1.033E+06	2.139E+06	-3.570E-02	-1.692E-02
7	5	490.00	1	-2.017E+05	1.703E+04	7.968E+03	0.000E+00	5.756E+04	-1.747E+05	1.106E-08	-5.172E-09
7	5	490.00	2	-2.017E+05	1.703E+04	8.201E+03	0.000E+00	5.917E+04	-1.747E+05	1.106E-08	-5.187E-09
7	5	490.00	3	-2.017E+05	1.703E+04	-8.199E+03	0.000E+00	-5.863E+04	-1.747E+05	1.106E-08	5.188E-09
7	5	490.00	4	-2.017E+05	1.703E+04	-7.967E+03	0.000E+00	-5.702E+04	-1.747E+05	1.106E-08	5.173E-09
7	5	490.00	5	-2.017E+05	1.703E+04	7.967E+03	0.000E+00	5.702E+04	-1.747E+05	1.106E-08	-5.173E-09
7	5	490.00	6	-2.017E+05	1.703E+04	8.199E+03	0.000E+00	5.863E+04	-1.747E+05	1.106E-08	-5.188E-09
7	5	490.00	7	-2.017E+05	1.703E+04	-8.201E+03	0.000E+00	-5.917E+04	-1.747E+05	1.106E-08	5.187E-09
7	5	490.00	8	-2.017E+05	1.703E+04	-7.968E+03	0.000E+00	-5.756E+04	-1.747E+05	1.106E-08	5.172E-09
7	5	490.00	9	-2.016E+05	-1.730E+04	7.968E+03	0.000E+00	5.756E+04	1.955E+04	-1.106E-08	-5.172E-09
7	5	490.00	10	-2.016E+05	-1.730E+04	8.201E+03	0.000E+00	5.917E+04	1.955E+04	-1.106E-08	-5.187E-09
7	5	490.00	11	-2.016E+05	-1.730E+04	-8.199E+03	0.000E+00	-5.863E+04	1.955E+04	-1.106E-08	5.188E-09
7	5	490.00	12	-2.016E+05	-1.730E+04	-7.967E+03	0.000E+00	-5.702E+04	1.955E+04	-1.106E-08	5.173E-09
7	5	490.00	13	-2.016E+05	-1.730E+04	7.967E+03	0.000E+00	5.702E+04	1.955E+04	-1.106E-08	-5.173E-09
7	5	490.00	14	-2.016E+05	-1.730E+04	8.199E+03	0.000E+00	5.863E+04	1.955E+04	-1.106E-08	-5.188E-09
7	5	490.00	15	-2.016E+05	-1.730E+04	-8.201E+03	0.000E+00	-5.917E+04	1.955E+04	-1.106E-08	5.187E-09
7	5	490.00	16	-2.016E+05	-1.730E+04	-7.968E+03	0.000E+00	-5.756E+04	1.955E+04	-1.106E-08	5.172E-09
8	1	0.00	1	-2.168E+05	1.671E+04	9.251E+03	0.000E+00	4.691E+06	-8.450E+06	0.000E+00	0.000E+00
8	1	0.00	2	-2.168E+05	1.671E+04	9.262E+03	0.000E+00	4.697E+06	-8.450E+06	0.000E+00	0.000E+00
8	1	0.00	3	-2.168E+05	1.671E+04	-9.262E+03	0.000E+00	-4.696E+06	-8.450E+06	0.000E+00	0.000E+00
8	1	0.00	4	-2.168E+05	1.671E+04	-9.251E+03	0.000E+00	-4.691E+06	-8.450E+06	0.000E+00	0.000E+00
8	1	0.00	5	-2.168E+05	1.671E+04	9.251E+03	0.000E+00	4.691E+06	-8.450E+06	0.000E+00	0.000E+00
8	1	0.00	6	-2.168E+05	1.671E+04	9.262E+03	0.000E+00	4.696E+06	-8.450E+06	0.000E+00	0.000E+00
8	1	0.00	7	-2.168E+05	1.671E+04	-9.262E+03	0.000E+00	-4.697E+06	-8.450E+06	0.000E+00	0.000E+00
8	1	0.00	8	-2.168E+05	1.671E+04	-9.251E+03	0.000E+00	-4.691E+06	-8.450E+06	0.000E+00	0.000E+00
8	1	0.00	9	-2.167E+05	-1.672E+04	9.251E+03	0.000E+00	4.691E+06	8.456E+06	0.000E+00	0.000E+00
8	1	0.00	10	-2.167E+05	-1.672E+04	9.262E+03	0.000E+00	4.697E+06	8.456E+06	0.000E+00	0.000E+00
8	1	0.00	11	-2.167E+05	-1.672E+04	-9.262E+03	0.000E+00	-4.696E+06	8.456E+06	0.000E+00	0.000E+00
8	1	0.00	12	-2.167E+05	-1.672E+04	-9.251E+03	0.000E+00	-4.691E+06	8.456E+06	0.000E+00	0.000E+00
8	1	0.00	13	-2.167E+05	-1.672E+04	9.251E+03	0.000E+00	4.691E+06	8.456E+06	0.000E+00	0.000E+00
8	1	0.00	14	-2.167E+05	-1.672E+04	9.262E+03	0.000E+00	4.696E+06	8.456E+06	0.000E+00	0.000E+00
8	1	0.00	15	-2.167E+05	-1.672E+04	-9.262E+03	0.000E+00	-4.697E+06	8.456E+06	0.000E+00	0.000E+00

8	1	0.00	16	-2.167E+05	-1.672E+04	-9.251E+03	0.000E+00	-4.691E+06	8.456E+06	0.000E+00	0.000E+00
8	2	125.00	1	-2.132E+05	1.671E+04	9.251E+03	0.000E+00	3.535E+06	-6.361E+06	5.200E-02	2.893E-02
8	2	125.00	2	-2.132E+05	1.671E+04	9.262E+03	0.000E+00	3.539E+06	-6.361E+06	5.200E-02	2.896E-02
8	2	125.00	3	-2.132E+05	1.671E+04	-9.262E+03	0.000E+00	-3.538E+06	-6.361E+06	5.200E-02	-2.896E-02
8	2	125.00	4	-2.132E+05	1.671E+04	-9.251E+03	0.000E+00	-3.534E+06	-6.361E+06	5.200E-02	-2.892E-02
8	2	125.00	5	-2.132E+05	1.671E+04	9.251E+03	0.000E+00	3.534E+06	-6.361E+06	5.200E-02	2.892E-02
8	2	125.00	6	-2.132E+05	1.671E+04	9.262E+03	0.000E+00	3.538E+06	-6.361E+06	5.200E-02	2.896E-02
8	2	125.00	7	-2.132E+05	1.671E+04	-9.262E+03	0.000E+00	-3.539E+06	-6.361E+06	5.200E-02	-2.896E-02
8	2	125.00	8	-2.132E+05	1.671E+04	-9.251E+03	0.000E+00	-3.535E+06	-6.361E+06	5.200E-02	-2.893E-02
8	2	125.00	9	-2.132E+05	-1.672E+04	9.251E+03	0.000E+00	3.535E+06	6.366E+06	-5.204E-02	2.893E-02
8	2	125.00	10	-2.132E+05	-1.672E+04	9.262E+03	0.000E+00	3.539E+06	6.366E+06	-5.204E-02	2.896E-02
8	2	125.00	11	-2.132E+05	-1.672E+04	-9.262E+03	0.000E+00	-3.538E+06	6.366E+06	-5.204E-02	-2.896E-02
8	2	125.00	12	-2.132E+05	-1.672E+04	-9.251E+03	0.000E+00	-3.534E+06	6.366E+06	-5.204E-02	-2.892E-02
8	2	125.00	13	-2.132E+05	-1.672E+04	9.251E+03	0.000E+00	3.534E+06	6.366E+06	-5.204E-02	2.892E-02
8	2	125.00	14	-2.132E+05	-1.672E+04	9.262E+03	0.000E+00	3.538E+06	6.366E+06	-5.204E-02	2.896E-02
8	2	125.00	15	-2.132E+05	-1.672E+04	-9.262E+03	0.000E+00	-3.539E+06	6.366E+06	-5.204E-02	-2.896E-02
8	2	125.00	16	-2.132E+05	-1.672E+04	-9.251E+03	0.000E+00	-3.535E+06	6.366E+06	-5.204E-02	-2.893E-02
8	3	250.00	1	-2.097E+05	1.671E+04	9.251E+03	0.000E+00	2.378E+06	-4.272E+06	5.962E-02	3.319E-02
8	3	250.00	2	-2.097E+05	1.671E+04	9.262E+03	0.000E+00	2.381E+06	-4.272E+06	5.962E-02	3.323E-02
8	3	250.00	3	-2.097E+05	1.671E+04	-9.262E+03	0.000E+00	-2.381E+06	-4.272E+06	5.962E-02	-3.322E-02
8	3	250.00	4	-2.097E+05	1.671E+04	-9.251E+03	0.000E+00	-2.378E+06	-4.272E+06	5.962E-02	-3.318E-02
8	3	250.00	5	-2.097E+05	1.671E+04	9.251E+03	0.000E+00	2.378E+06	-4.272E+06	5.962E-02	3.318E-02
8	3	250.00	6	-2.097E+05	1.671E+04	9.262E+03	0.000E+00	2.381E+06	-4.272E+06	5.962E-02	3.322E-02
8	3	250.00	7	-2.097E+05	1.671E+04	-9.262E+03	0.000E+00	-2.381E+06	-4.272E+06	5.962E-02	-3.323E-02
8	3	250.00	8	-2.097E+05	1.671E+04	-9.251E+03	0.000E+00	-2.378E+06	-4.272E+06	5.962E-02	-3.319E-02
8	3	250.00	9	-2.096E+05	-1.672E+04	9.251E+03	0.000E+00	2.378E+06	4.275E+06	-5.966E-02	3.319E-02
8	3	250.00	10	-2.096E+05	-1.672E+04	9.262E+03	0.000E+00	2.381E+06	4.275E+06	-5.966E-02	3.323E-02
8	3	250.00	11	-2.096E+05	-1.672E+04	-9.262E+03	0.000E+00	-2.381E+06	4.275E+06	-5.966E-02	-3.322E-02
8	3	250.00	12	-2.096E+05	-1.672E+04	-9.251E+03	0.000E+00	-2.378E+06	4.275E+06	-5.966E-02	-3.318E-02
8	3	250.00	13	-2.096E+05	-1.672E+04	9.251E+03	0.000E+00	2.378E+06	4.275E+06	-5.966E-02	3.318E-02
8	3	250.00	14	-2.096E+05	-1.672E+04	9.262E+03	0.000E+00	2.381E+06	4.275E+06	-5.966E-02	3.322E-02
8	3	250.00	15	-2.096E+05	-1.672E+04	-9.262E+03	0.000E+00	-2.381E+06	4.275E+06	-5.966E-02	-3.323E-02
8	3	250.00	16	-2.096E+05	-1.672E+04	-9.251E+03	0.000E+00	-2.378E+06	4.275E+06	-5.966E-02	-3.319E-02
8	4	375.00	1	-2.062E+05	1.671E+04	9.251E+03	0.000E+00	1.222E+06	-2.183E+06	3.742E-02	2.086E-02
8	4	375.00	2	-2.062E+05	1.671E+04	9.262E+03	0.000E+00	1.224E+06	-2.183E+06	3.742E-02	2.088E-02
8	4	375.00	3	-2.062E+05	1.671E+04	-9.262E+03	0.000E+00	-1.223E+06	-2.183E+06	3.742E-02	-2.088E-02
8	4	375.00	4	-2.062E+05	1.671E+04	-9.251E+03	0.000E+00	-1.222E+06	-2.183E+06	3.742E-02	-2.085E-02
8	4	375.00	5	-2.062E+05	1.671E+04	9.251E+03	0.000E+00	1.222E+06	-2.183E+06	3.742E-02	2.085E-02
8	4	375.00	6	-2.062E+05	1.671E+04	9.262E+03	0.000E+00	1.223E+06	-2.183E+06	3.742E-02	2.088E-02
8	4	375.00	7	-2.062E+05	1.671E+04	-9.262E+03	0.000E+00	-1.224E+06	-2.183E+06	3.742E-02	-2.088E-02
8	4	375.00	8	-2.062E+05	1.671E+04	-9.251E+03	0.000E+00	-1.222E+06	-2.183E+06	3.742E-02	-2.086E-02
8	4	375.00	9	-2.061E+05	-1.672E+04	9.251E+03	0.000E+00	1.222E+06	2.185E+06	-3.745E-02	2.086E-02
8	4	375.00	10	-2.061E+05	-1.672E+04	9.262E+03	0.000E+00	1.224E+06	2.185E+06	-3.745E-02	2.088E-02
8	4	375.00	11	-2.061E+05	-1.672E+04	-9.262E+03	0.000E+00	-1.223E+06	2.185E+06	-3.745E-02	-2.088E-02
8	4	375.00	12	-2.061E+05	-1.672E+04	-9.251E+03	0.000E+00	-1.222E+06	2.185E+06	-3.745E-02	-2.085E-02
8	4	375.00	13	-2.061E+05	-1.672E+04	9.251E+03	0.000E+00	1.222E+06	2.185E+06	-3.745E-02	2.085E-02
8	4	375.00	14	-2.061E+05	-1.672E+04	9.262E+03	0.000E+00	1.223E+06	2.185E+06	-3.745E-02	2.088E-02
8	4	375.00	15	-2.061E+05	-1.672E+04	-9.262E+03	0.000E+00	-1.224E+06	2.185E+06	-3.745E-02	-2.088E-02
8	4	375.00	16	-2.061E+05	-1.672E+04	-9.251E+03	0.000E+00	-1.222E+06	2.185E+06	-3.745E-02	-2.086E-02
8	5	500.00	1	-2.026E+05	1.671E+04	9.251E+03	0.000E+00	6.623E+04	-9.396E+04	-1.512E-08	5.913E-09
8	5	500.00	2	-2.026E+05	1.671E+04	9.262E+03	0.000E+00	6.628E+04	-9.396E+04	-1.512E-08	5.910E-09
8	5	500.00	3	-2.026E+05	1.671E+04	-9.262E+03	0.000E+00	-6.573E+04	-9.396E+04	-1.512E-08	-5.909E-09
8	5	500.00	4	-2.026E+05	1.671E+04	-9.251E+03	0.000E+00	-6.568E+04	-9.396E+04	-1.512E-08	-5.912E-09
8	5	500.00	5	-2.026E+05	1.671E+04	9.251E+03	0.000E+00	6.568E+04	-9.396E+04	-1.512E-08	5.912E-09
8	5	500.00	6	-2.026E+05	1.671E+04	9.262E+03	0.000E+00	6.573E+04	-9.396E+04	-1.512E-08	5.909E-09
8	5	500.00	7	-2.026E+05	1.671E+04	-9.262E+03	0.000E+00	-6.628E+04	-9.396E+04	-1.512E-08	-5.910E-09
8	5	500.00	8	-2.026E+05	1.671E+04	-9.251E+03	0.000E+00	-6.623E+04	-9.396E+04	-1.512E-08	-5.913E-09
8	5	500.00	9	-2.026E+05	-1.672E+04	9.251E+03	0.000E+00	6.623E+04	9.411E+04	1.512E-08	5.913E-09
8	5	500.00	10	-2.026E+05	-1.672E+04	9.262E+03	0.000E+00	6.628E+04	9.411E+04	1.512E-08	5.910E-09
8	5	500.00	11	-2.026E+05	-1.672E+04	-9.262E+03	0.000E+00	-6.573E+04	9.411E+04	1.512E-08	-5.909E-09
8	5	500.00	12	-2.026E+05	-1.672E+04	-9.251E+03	0.000E+00	-6.568E+04	9.411E+04	1.512E-08	-5.912E-09
8	5	500.00	13	-2.026E+05	-1.672E+04	9.251E+03	0.000E+00	6.568E+04	9.411E+04	1.512E-08	5.912E-09

8	5	500.00	14	-2.026E+05	-1.672E+04	9.262E+03	0.000E+00	6.573E+04	9.411E+04	1.512E-08	5.909E-09
8	5	500.00	15	-2.026E+05	-1.672E+04	-9.262E+03	0.000E+00	-6.628E+04	9.411E+04	1.512E-08	-5.910E-09
8	5	500.00	16	-2.026E+05	-1.672E+04	-9.251E+03	0.000E+00	-6.623E+04	9.411E+04	1.512E-08	-5.913E-09
9	1	0.00	1	-2.162E+05	1.543E+04	1.009E+04	0.000E+00	5.268E+06	-7.954E+06	0.000E+00	0.000E+00
9	1	0.00	2	-2.162E+05	1.543E+04	9.882E+03	0.000E+00	5.158E+06	-7.954E+06	0.000E+00	0.000E+00
9	1	0.00	3	-2.162E+05	1.543E+04	-9.884E+03	0.000E+00	-5.158E+06	-7.954E+06	0.000E+00	0.000E+00
9	1	0.00	4	-2.162E+05	1.543E+04	-1.010E+04	0.000E+00	-5.269E+06	-7.954E+06	0.000E+00	0.000E+00
9	1	0.00	5	-2.162E+05	1.543E+04	1.010E+04	0.000E+00	5.269E+06	-7.954E+06	0.000E+00	0.000E+00
9	1	0.00	6	-2.162E+05	1.543E+04	9.884E+03	0.000E+00	5.158E+06	-7.954E+06	0.000E+00	0.000E+00
9	1	0.00	7	-2.162E+05	1.543E+04	-9.882E+03	0.000E+00	-5.158E+06	-7.954E+06	0.000E+00	0.000E+00
9	1	0.00	8	-2.162E+05	1.543E+04	-1.009E+04	0.000E+00	-5.268E+06	-7.954E+06	0.000E+00	0.000E+00
9	1	0.00	9	-2.162E+05	-1.519E+04	1.009E+04	0.000E+00	5.268E+06	7.983E+06	0.000E+00	0.000E+00
9	1	0.00	10	-2.162E+05	-1.519E+04	9.882E+03	0.000E+00	5.158E+06	7.983E+06	0.000E+00	0.000E+00
9	1	0.00	11	-2.162E+05	-1.519E+04	-9.884E+03	0.000E+00	-5.158E+06	7.983E+06	0.000E+00	0.000E+00
9	1	0.00	12	-2.162E+05	-1.519E+04	-1.010E+04	0.000E+00	-5.269E+06	7.983E+06	0.000E+00	0.000E+00
9	1	0.00	13	-2.162E+05	-1.519E+04	1.010E+04	0.000E+00	5.269E+06	7.983E+06	0.000E+00	0.000E+00
9	1	0.00	14	-2.162E+05	-1.519E+04	9.884E+03	0.000E+00	5.158E+06	7.983E+06	0.000E+00	0.000E+00
9	1	0.00	15	-2.162E+05	-1.519E+04	-9.882E+03	0.000E+00	-5.158E+06	7.983E+06	0.000E+00	0.000E+00
9	1	0.00	16	-2.162E+05	-1.519E+04	-1.009E+04	0.000E+00	-5.268E+06	7.983E+06	0.000E+00	0.000E+00
9	2	128.75	1	-2.126E+05	1.543E+04	1.009E+04	0.000E+00	3.969E+06	-5.968E+06	5.156E-02	3.445E-02
9	2	128.75	2	-2.126E+05	1.543E+04	9.882E+03	0.000E+00	3.885E+06	-5.968E+06	5.156E-02	3.372E-02
9	2	128.75	3	-2.126E+05	1.543E+04	-9.884E+03	0.000E+00	-3.885E+06	-5.968E+06	5.156E-02	-3.372E-02
9	2	128.75	4	-2.126E+05	1.543E+04	-1.010E+04	0.000E+00	-3.969E+06	-5.968E+06	5.156E-02	-3.445E-02
9	2	128.75	5	-2.126E+05	1.543E+04	1.010E+04	0.000E+00	3.969E+06	-5.968E+06	5.156E-02	3.445E-02
9	2	128.75	6	-2.126E+05	1.543E+04	9.884E+03	0.000E+00	3.885E+06	-5.968E+06	5.156E-02	3.372E-02
9	2	128.75	7	-2.126E+05	1.543E+04	-9.882E+03	0.000E+00	-3.885E+06	-5.968E+06	5.156E-02	-3.372E-02
9	2	128.75	8	-2.126E+05	1.543E+04	-1.009E+04	0.000E+00	-3.969E+06	-5.968E+06	5.156E-02	-3.445E-02
9	2	128.75	9	-2.125E+05	-1.519E+04	1.009E+04	0.000E+00	3.969E+06	6.028E+06	-5.246E-02	3.445E-02
9	2	128.75	10	-2.125E+05	-1.519E+04	9.882E+03	0.000E+00	3.885E+06	6.028E+06	-5.246E-02	3.372E-02
9	2	128.75	11	-2.125E+05	-1.519E+04	-9.884E+03	0.000E+00	-3.885E+06	6.028E+06	-5.246E-02	-3.372E-02
9	2	128.75	12	-2.125E+05	-1.519E+04	-1.010E+04	0.000E+00	-3.969E+06	6.028E+06	-5.246E-02	-3.445E-02
9	2	128.75	13	-2.125E+05	-1.519E+04	1.010E+04	0.000E+00	3.969E+06	6.028E+06	-5.246E-02	3.445E-02
9	2	128.75	14	-2.125E+05	-1.519E+04	9.884E+03	0.000E+00	3.885E+06	6.028E+06	-5.246E-02	3.372E-02
9	2	128.75	15	-2.125E+05	-1.519E+04	-9.882E+03	0.000E+00	-3.885E+06	6.028E+06	-5.246E-02	-3.372E-02
9	2	128.75	16	-2.125E+05	-1.519E+04	-1.009E+04	0.000E+00	-3.969E+06	6.028E+06	-5.246E-02	-3.445E-02
9	3	257.50	1	-2.089E+05	1.543E+04	1.009E+04	0.000E+00	2.669E+06	-3.981E+06	5.894E-02	3.952E-02
9	3	257.50	2	-2.089E+05	1.543E+04	9.882E+03	0.000E+00	2.613E+06	-3.981E+06	5.894E-02	3.869E-02
9	3	257.50	3	-2.089E+05	1.543E+04	-9.884E+03	0.000E+00	-2.613E+06	-3.981E+06	5.894E-02	-3.868E-02
9	3	257.50	4	-2.089E+05	1.543E+04	-1.010E+04	0.000E+00	-2.669E+06	-3.981E+06	5.894E-02	-3.951E-02
9	3	257.50	5	-2.089E+05	1.543E+04	1.010E+04	0.000E+00	2.669E+06	-3.981E+06	5.894E-02	3.951E-02
9	3	257.50	6	-2.089E+05	1.543E+04	9.884E+03	0.000E+00	2.613E+06	-3.981E+06	5.894E-02	3.868E-02
9	3	257.50	7	-2.089E+05	1.543E+04	-9.882E+03	0.000E+00	-2.613E+06	-3.981E+06	5.894E-02	-3.869E-02
9	3	257.50	8	-2.089E+05	1.543E+04	-1.009E+04	0.000E+00	-2.669E+06	-3.981E+06	5.894E-02	-3.952E-02
9	3	257.50	9	-2.089E+05	-1.519E+04	1.009E+04	0.000E+00	2.669E+06	4.073E+06	-6.030E-02	3.952E-02
9	3	257.50	10	-2.089E+05	-1.519E+04	9.882E+03	0.000E+00	2.613E+06	4.073E+06	-6.030E-02	3.869E-02
9	3	257.50	11	-2.089E+05	-1.519E+04	-9.884E+03	0.000E+00	-2.613E+06	4.073E+06	-6.030E-02	-3.868E-02
9	3	257.50	12	-2.089E+05	-1.519E+04	-1.010E+04	0.000E+00	-2.669E+06	4.073E+06	-6.030E-02	-3.951E-02
9	3	257.50	13	-2.089E+05	-1.519E+04	1.010E+04	0.000E+00	2.669E+06	4.073E+06	-6.030E-02	3.951E-02
9	3	257.50	14	-2.089E+05	-1.519E+04	9.884E+03	0.000E+00	2.613E+06	4.073E+06	-6.030E-02	3.868E-02
9	3	257.50	15	-2.089E+05	-1.519E+04	-9.882E+03	0.000E+00	-2.613E+06	4.073E+06	-6.030E-02	-3.869E-02
9	3	257.50	16	-2.089E+05	-1.519E+04	-1.009E+04	0.000E+00	-2.669E+06	4.073E+06	-6.030E-02	-3.952E-02
9	4	386.25	1	-2.053E+05	1.543E+04	1.009E+04	0.000E+00	1.369E+06	-1.995E+06	3.686E-02	2.483E-02
9	4	386.25	2	-2.053E+05	1.543E+04	9.882E+03	0.000E+00	1.341E+06	-1.995E+06	3.686E-02	2.431E-02
9	4	386.25	3	-2.053E+05	1.543E+04	-9.884E+03	0.000E+00	-1.340E+06	-1.995E+06	3.686E-02	-2.430E-02
9	4	386.25	4	-2.053E+05	1.543E+04	-1.010E+04	0.000E+00	-1.369E+06	-1.995E+06	3.686E-02	-2.482E-02
9	4	386.25	5	-2.053E+05	1.543E+04	1.010E+04	0.000E+00	1.369E+06	-1.995E+06	3.686E-02	2.482E-02
9	4	386.25	6	-2.053E+05	1.543E+04	9.884E+03	0.000E+00	1.340E+06	-1.995E+06	3.686E-02	2.430E-02
9	4	386.25	7	-2.053E+05	1.543E+04	-9.882E+03	0.000E+00	-1.341E+06	-1.995E+06	3.686E-02	-2.431E-02
9	4	386.25	8	-2.053E+05	1.543E+04	-1.009E+04	0.000E+00	-1.369E+06	-1.995E+06	3.686E-02	-2.483E-02
9	4	386.25	9	-2.052E+05	-1.519E+04	1.009E+04	0.000E+00	1.369E+06	2.117E+06	-3.798E-02	2.483E-02
9	4	386.25	10	-2.052E+05	-1.519E+04	9.882E+03	0.000E+00	1.341E+06	2.117E+06	-3.798E-02	2.431E-02
9	4	386.25	11	-2.052E+05	-1.519E+04	-9.884E+03	0.000E+00	-1.340E+06	2.117E+06	-3.798E-02	-2.430E-02

9	4	386.25	12	-2.052E+05	-1.519E+04	-1.010E+04	0.000E+00	-1.369E+06	2.117E+06	-3.798E-02	-2.482E-02
9	4	386.25	13	-2.052E+05	-1.519E+04	1.010E+04	0.000E+00	1.369E+06	2.117E+06	-3.798E-02	2.482E-02
9	4	386.25	14	-2.052E+05	-1.519E+04	9.884E+03	0.000E+00	1.340E+06	2.117E+06	-3.798E-02	2.430E-02
9	4	386.25	15	-2.052E+05	-1.519E+04	-9.882E+03	0.000E+00	-1.341E+06	2.117E+06	-3.798E-02	-2.431E-02
9	4	386.25	16	-2.052E+05	-1.519E+04	-1.009E+04	0.000E+00	-1.369E+06	2.117E+06	-3.798E-02	-2.483E-02
9	5	515.00	1	-2.017E+05	1.543E+04	1.009E+04	0.000E+00	7.022E+04	-8.308E+03	3.655E-09	-4.414E-09
9	5	515.00	2	-2.017E+05	1.543E+04	9.882E+03	0.000E+00	6.871E+04	-8.308E+03	3.655E-09	-4.180E-09
9	5	515.00	3	-2.017E+05	1.543E+04	-9.884E+03	0.000E+00	-6.819E+04	-8.308E+03	3.655E-09	4.180E-09
9	5	515.00	4	-2.017E+05	1.543E+04	-1.010E+04	0.000E+00	-6.971E+04	-8.308E+03	3.655E-09	4.414E-09
9	5	515.00	5	-2.017E+05	1.543E+04	1.010E+04	0.000E+00	6.971E+04	-8.308E+03	3.655E-09	-4.414E-09
9	5	515.00	6	-2.017E+05	1.543E+04	9.884E+03	0.000E+00	6.819E+04	-8.308E+03	3.655E-09	-4.180E-09
9	5	515.00	7	-2.017E+05	1.543E+04	-9.882E+03	0.000E+00	-6.871E+04	-8.308E+03	3.655E-09	4.180E-09
9	5	515.00	8	-2.017E+05	1.543E+04	-1.009E+04	0.000E+00	-7.022E+04	-8.308E+03	3.655E-09	4.414E-09
9	5	515.00	9	-2.016E+05	-1.519E+04	1.009E+04	0.000E+00	7.022E+04	1.620E+05	-3.506E-09	-4.414E-09
9	5	515.00	10	-2.016E+05	-1.519E+04	9.882E+03	0.000E+00	6.871E+04	1.620E+05	-3.506E-09	-4.180E-09
9	5	515.00	11	-2.016E+05	-1.519E+04	-9.884E+03	0.000E+00	-6.819E+04	1.620E+05	-3.506E-09	4.180E-09
9	5	515.00	12	-2.016E+05	-1.519E+04	-1.010E+04	0.000E+00	-6.971E+04	1.620E+05	-3.506E-09	4.414E-09
9	5	515.00	13	-2.016E+05	-1.519E+04	1.010E+04	0.000E+00	6.971E+04	1.620E+05	-3.506E-09	-4.414E-09
9	5	515.00	14	-2.016E+05	-1.519E+04	9.884E+03	0.000E+00	6.819E+04	1.620E+05	-3.506E-09	-4.180E-09
9	5	515.00	15	-2.016E+05	-1.519E+04	-9.882E+03	0.000E+00	-6.871E+04	1.620E+05	-3.506E-09	4.180E-09
9	5	515.00	16	-2.016E+05	-1.519E+04	-1.009E+04	0.000E+00	-7.022E+04	1.620E+05	-3.506E-09	4.414E-09
10	1	0.00	1	-2.153E+05	1.436E+04	9.339E+03	0.000E+00	4.873E+06	-7.472E+06	0.000E+00	0.000E+00
10	1	0.00	2	-2.153E+05	1.436E+04	8.914E+03	0.000E+00	4.651E+06	-7.472E+06	0.000E+00	0.000E+00
10	1	0.00	3	-2.153E+05	1.436E+04	-8.916E+03	0.000E+00	-4.652E+06	-7.472E+06	0.000E+00	0.000E+00
10	1	0.00	4	-2.153E+05	1.436E+04	-9.342E+03	0.000E+00	-4.874E+06	-7.472E+06	0.000E+00	0.000E+00
10	1	0.00	5	-2.153E+05	1.436E+04	9.342E+03	0.000E+00	4.874E+06	-7.472E+06	0.000E+00	0.000E+00
10	1	0.00	6	-2.153E+05	1.436E+04	8.916E+03	0.000E+00	4.652E+06	-7.472E+06	0.000E+00	0.000E+00
10	1	0.00	7	-2.153E+05	1.436E+04	-8.914E+03	0.000E+00	-4.651E+06	-7.472E+06	0.000E+00	0.000E+00
10	1	0.00	8	-2.153E+05	1.436E+04	-9.339E+03	0.000E+00	-4.873E+06	-7.472E+06	0.000E+00	0.000E+00
10	1	0.00	9	-2.152E+05	-1.461E+04	9.339E+03	0.000E+00	4.873E+06	7.600E+06	0.000E+00	0.000E+00
10	1	0.00	10	-2.152E+05	-1.461E+04	8.914E+03	0.000E+00	4.651E+06	7.600E+06	0.000E+00	0.000E+00
10	1	0.00	11	-2.152E+05	-1.461E+04	-8.916E+03	0.000E+00	-4.652E+06	7.600E+06	0.000E+00	0.000E+00
10	1	0.00	12	-2.152E+05	-1.461E+04	-9.342E+03	0.000E+00	-4.874E+06	7.600E+06	0.000E+00	0.000E+00
10	1	0.00	13	-2.152E+05	-1.461E+04	9.342E+03	0.000E+00	4.874E+06	7.600E+06	0.000E+00	0.000E+00
10	1	0.00	14	-2.152E+05	-1.461E+04	8.916E+03	0.000E+00	4.652E+06	7.600E+06	0.000E+00	0.000E+00
10	1	0.00	15	-2.152E+05	-1.461E+04	-8.914E+03	0.000E+00	-4.651E+06	7.600E+06	0.000E+00	0.000E+00
10	1	0.00	16	-2.152E+05	-1.461E+04	-9.339E+03	0.000E+00	-4.873E+06	7.600E+06	0.000E+00	0.000E+00
10	2	128.75	1	-2.116E+05	1.436E+04	9.339E+03	0.000E+00	3.671E+06	-5.623E+06	4.874E-02	3.186E-02
10	2	128.75	2	-2.116E+05	1.436E+04	8.914E+03	0.000E+00	3.504E+06	-5.623E+06	4.874E-02	3.041E-02
10	2	128.75	3	-2.116E+05	1.436E+04	-8.916E+03	0.000E+00	-3.504E+06	-5.623E+06	4.874E-02	-3.041E-02
10	2	128.75	4	-2.116E+05	1.436E+04	-9.342E+03	0.000E+00	-3.671E+06	-5.623E+06	4.874E-02	-3.186E-02
10	2	128.75	5	-2.116E+05	1.436E+04	9.342E+03	0.000E+00	3.671E+06	-5.623E+06	4.874E-02	3.186E-02
10	2	128.75	6	-2.116E+05	1.436E+04	8.916E+03	0.000E+00	3.504E+06	-5.623E+06	4.874E-02	3.041E-02
10	2	128.75	7	-2.116E+05	1.436E+04	-8.914E+03	0.000E+00	-3.504E+06	-5.623E+06	4.874E-02	-3.041E-02
10	2	128.75	8	-2.116E+05	1.436E+04	-9.339E+03	0.000E+00	-3.671E+06	-5.623E+06	4.874E-02	-3.186E-02
10	2	128.75	9	-2.116E+05	-1.461E+04	9.339E+03	0.000E+00	3.671E+06	5.719E+06	-4.958E-02	3.186E-02
10	2	128.75	10	-2.116E+05	-1.461E+04	8.914E+03	0.000E+00	3.504E+06	5.719E+06	-4.958E-02	3.041E-02
10	2	128.75	11	-2.116E+05	-1.461E+04	-8.916E+03	0.000E+00	-3.504E+06	5.719E+06	-4.958E-02	-3.041E-02
10	2	128.75	12	-2.116E+05	-1.461E+04	-9.342E+03	0.000E+00	-3.671E+06	5.719E+06	-4.958E-02	-3.186E-02
10	2	128.75	13	-2.116E+05	-1.461E+04	9.342E+03	0.000E+00	3.671E+06	5.719E+06	-4.958E-02	3.186E-02
10	2	128.75	14	-2.116E+05	-1.461E+04	8.916E+03	0.000E+00	3.504E+06	5.719E+06	-4.958E-02	3.041E-02
10	2	128.75	15	-2.116E+05	-1.461E+04	-8.914E+03	0.000E+00	-3.504E+06	5.719E+06	-4.958E-02	-3.041E-02
10	2	128.75	16	-2.116E+05	-1.461E+04	-9.339E+03	0.000E+00	-3.671E+06	5.719E+06	-4.958E-02	-3.186E-02
10	3	257.50	1	-2.080E+05	1.436E+04	9.339E+03	0.000E+00	2.468E+06	-3.773E+06	5.587E-02	3.654E-02
10	3	257.50	2	-2.080E+05	1.436E+04	8.914E+03	0.000E+00	2.356E+06	-3.773E+06	5.587E-02	3.488E-02
10	3	257.50	3	-2.080E+05	1.436E+04	-8.916E+03	0.000E+00	-2.356E+06	-3.773E+06	5.587E-02	-3.488E-02
10	3	257.50	4	-2.080E+05	1.436E+04	-9.342E+03	0.000E+00	-2.469E+06	-3.773E+06	5.587E-02	-3.655E-02
10	3	257.50	5	-2.080E+05	1.436E+04	9.342E+03	0.000E+00	2.469E+06	-3.773E+06	5.587E-02	3.655E-02
10	3	257.50	6	-2.080E+05	1.436E+04	8.916E+03	0.000E+00	2.356E+06	-3.773E+06	5.587E-02	3.488E-02
10	3	257.50	7	-2.080E+05	1.436E+04	-8.914E+03	0.000E+00	-2.356E+06	-3.773E+06	5.587E-02	-3.488E-02
10	3	257.50	8	-2.080E+05	1.436E+04	-9.339E+03	0.000E+00	-2.468E+06	-3.773E+06	5.587E-02	-3.654E-02
10	3	257.50	9	-2.079E+05	-1.461E+04	9.339E+03	0.000E+00	2.468E+06	3.839E+06	-5.683E-02	3.654E-02

10	3	257.50	10	-2.079E+05	-1.461E+04	8.914E+03	0.000E+00	2.356E+06	3.839E+06	-5.683E-02	3.488E-02
10	3	257.50	11	-2.079E+05	-1.461E+04	-8.916E+03	0.000E+00	-2.356E+06	3.839E+06	-5.683E-02	-3.488E-02
10	3	257.50	12	-2.079E+05	-1.461E+04	-9.342E+03	0.000E+00	-2.469E+06	3.839E+06	-5.683E-02	-3.655E-02
10	3	257.50	13	-2.079E+05	-1.461E+04	9.342E+03	0.000E+00	2.469E+06	3.839E+06	-5.683E-02	3.655E-02
10	3	257.50	14	-2.079E+05	-1.461E+04	8.916E+03	0.000E+00	2.356E+06	3.839E+06	-5.683E-02	3.488E-02
10	3	257.50	15	-2.079E+05	-1.461E+04	-8.914E+03	0.000E+00	-2.356E+06	3.839E+06	-5.683E-02	-3.488E-02
10	3	257.50	16	-2.079E+05	-1.461E+04	-9.339E+03	0.000E+00	-2.468E+06	3.839E+06	-5.683E-02	-3.654E-02
10	4	386.25	1	-2.043E+05	1.436E+04	9.339E+03	0.000E+00	1.266E+06	-1.924E+06	3.506E-02	2.296E-02
10	4	386.25	2	-2.043E+05	1.436E+04	8.914E+03	0.000E+00	1.208E+06	-1.924E+06	3.506E-02	2.191E-02
10	4	386.25	3	-2.043E+05	1.436E+04	-8.916E+03	0.000E+00	-1.208E+06	-1.924E+06	3.506E-02	-2.191E-02
10	4	386.25	4	-2.043E+05	1.436E+04	-9.342E+03	0.000E+00	-1.266E+06	-1.924E+06	3.506E-02	-2.296E-02
10	4	386.25	5	-2.043E+05	1.436E+04	9.342E+03	0.000E+00	1.266E+06	-1.924E+06	3.506E-02	2.296E-02
10	4	386.25	6	-2.043E+05	1.436E+04	8.916E+03	0.000E+00	1.208E+06	-1.924E+06	3.506E-02	2.191E-02
10	4	386.25	7	-2.043E+05	1.436E+04	-8.914E+03	0.000E+00	-1.208E+06	-1.924E+06	3.506E-02	-2.191E-02
10	4	386.25	8	-2.043E+05	1.436E+04	-9.339E+03	0.000E+00	-1.266E+06	-1.924E+06	3.506E-02	-2.296E-02
10	4	386.25	9	-2.043E+05	-1.461E+04	9.339E+03	0.000E+00	1.266E+06	1.958E+06	-3.566E-02	2.296E-02
10	4	386.25	10	-2.043E+05	-1.461E+04	8.914E+03	0.000E+00	1.208E+06	1.958E+06	-3.566E-02	2.191E-02
10	4	386.25	11	-2.043E+05	-1.461E+04	-8.916E+03	0.000E+00	-1.208E+06	1.958E+06	-3.566E-02	-2.191E-02
10	4	386.25	12	-2.043E+05	-1.461E+04	-9.342E+03	0.000E+00	-1.266E+06	1.958E+06	-3.566E-02	-2.296E-02
10	4	386.25	13	-2.043E+05	-1.461E+04	9.342E+03	0.000E+00	1.266E+06	1.958E+06	-3.566E-02	2.296E-02
10	4	386.25	14	-2.043E+05	-1.461E+04	8.916E+03	0.000E+00	1.208E+06	1.958E+06	-3.566E-02	2.191E-02
10	4	386.25	15	-2.043E+05	-1.461E+04	-8.914E+03	0.000E+00	-1.208E+06	1.958E+06	-3.566E-02	-2.191E-02
10	4	386.25	16	-2.043E+05	-1.461E+04	-9.339E+03	0.000E+00	-1.266E+06	1.958E+06	-3.566E-02	-2.296E-02
10	5	515.00	1	-2.007E+05	1.436E+04	9.339E+03	0.000E+00	6.408E+04	-7.506E+04	-7.542E-09	-2.591E-08
10	5	515.00	2	-2.007E+05	1.436E+04	8.914E+03	0.000E+00	6.119E+04	-7.506E+04	-7.542E-09	-2.597E-08
10	5	515.00	3	-2.007E+05	1.436E+04	-8.916E+03	0.000E+00	-6.066E+04	-7.506E+04	-7.542E-09	2.597E-08
10	5	515.00	4	-2.007E+05	1.436E+04	-9.342E+03	0.000E+00	-6.355E+04	-7.506E+04	-7.542E-09	2.591E-08
10	5	515.00	5	-2.007E+05	1.436E+04	9.342E+03	0.000E+00	6.355E+04	-7.506E+04	-7.542E-09	-2.591E-08
10	5	515.00	6	-2.007E+05	1.436E+04	8.916E+03	0.000E+00	6.066E+04	-7.506E+04	-7.542E-09	-2.597E-08
10	5	515.00	7	-2.007E+05	1.436E+04	-8.914E+03	0.000E+00	-6.119E+04	-7.506E+04	-7.542E-09	2.597E-08
10	5	515.00	8	-2.007E+05	1.436E+04	-9.339E+03	0.000E+00	-6.408E+04	-7.506E+04	-7.542E-09	2.591E-08
10	5	515.00	9	-2.006E+05	-1.461E+04	9.339E+03	0.000E+00	6.408E+04	7.708E+04	7.563E-09	-2.591E-08
10	5	515.00	10	-2.006E+05	-1.461E+04	8.914E+03	0.000E+00	6.119E+04	7.708E+04	7.563E-09	-2.597E-08
10	5	515.00	11	-2.006E+05	-1.461E+04	-8.916E+03	0.000E+00	-6.066E+04	7.708E+04	7.563E-09	2.597E-08
10	5	515.00	12	-2.006E+05	-1.461E+04	-9.342E+03	0.000E+00	-6.355E+04	7.708E+04	7.563E-09	2.591E-08
10	5	515.00	13	-2.006E+05	-1.461E+04	9.342E+03	0.000E+00	6.355E+04	7.708E+04	7.563E-09	-2.591E-08
10	5	515.00	14	-2.006E+05	-1.461E+04	8.916E+03	0.000E+00	6.066E+04	7.708E+04	7.563E-09	-2.597E-08
10	5	515.00	15	-2.006E+05	-1.461E+04	-8.914E+03	0.000E+00	-6.119E+04	7.708E+04	7.563E-09	2.597E-08
10	5	515.00	16	-2.006E+05	-1.461E+04	-9.339E+03	0.000E+00	-6.408E+04	7.708E+04	7.563E-09	2.591E-08
11	1	0.00	1	-2.133E+05	1.838E+04	8.469E+03	0.000E+00	3.841E+06	-8.299E+06	0.000E+00	0.000E+00
11	1	0.00	2	-2.133E+05	1.838E+04	7.787E+03	0.000E+00	3.532E+06	-8.299E+06	0.000E+00	0.000E+00
11	1	0.00	3	-2.133E+05	1.838E+04	-7.793E+03	0.000E+00	-3.534E+06	-8.299E+06	0.000E+00	0.000E+00
11	1	0.00	4	-2.133E+05	1.838E+04	-8.474E+03	0.000E+00	-3.843E+06	-8.299E+06	0.000E+00	0.000E+00
11	1	0.00	5	-2.133E+05	1.838E+04	8.474E+03	0.000E+00	3.843E+06	-8.299E+06	0.000E+00	0.000E+00
11	1	0.00	6	-2.133E+05	1.838E+04	7.793E+03	0.000E+00	3.534E+06	-8.299E+06	0.000E+00	0.000E+00
11	1	0.00	7	-2.133E+05	1.838E+04	-7.787E+03	0.000E+00	-3.532E+06	-8.299E+06	0.000E+00	0.000E+00
11	1	0.00	8	-2.133E+05	1.838E+04	-8.469E+03	0.000E+00	-3.841E+06	-8.299E+06	0.000E+00	0.000E+00
11	1	0.00	9	-2.132E+05	-1.890E+04	8.469E+03	0.000E+00	3.841E+06	8.535E+06	0.000E+00	0.000E+00
11	1	0.00	10	-2.132E+05	-1.890E+04	7.787E+03	0.000E+00	3.532E+06	8.535E+06	0.000E+00	0.000E+00
11	1	0.00	11	-2.132E+05	-1.890E+04	-7.793E+03	0.000E+00	-3.534E+06	8.535E+06	0.000E+00	0.000E+00
11	1	0.00	12	-2.132E+05	-1.890E+04	-8.474E+03	0.000E+00	-3.843E+06	8.535E+06	0.000E+00	0.000E+00
11	1	0.00	13	-2.132E+05	-1.890E+04	8.474E+03	0.000E+00	3.843E+06	8.535E+06	0.000E+00	0.000E+00
11	1	0.00	14	-2.132E+05	-1.890E+04	7.793E+03	0.000E+00	3.534E+06	8.535E+06	0.000E+00	0.000E+00
11	1	0.00	15	-2.132E+05	-1.890E+04	-7.787E+03	0.000E+00	-3.532E+06	8.535E+06	0.000E+00	0.000E+00
11	1	0.00	16	-2.132E+05	-1.890E+04	-8.469E+03	0.000E+00	-3.841E+06	8.535E+06	0.000E+00	0.000E+00
11	2	111.25	1	-2.101E+05	1.838E+04	8.469E+03	0.000E+00	2.899E+06	-6.254E+06	4.055E-02	1.882E-02
11	2	111.25	2	-2.101E+05	1.838E+04	7.787E+03	0.000E+00	2.666E+06	-6.254E+06	4.055E-02	1.731E-02
11	2	111.25	3	-2.101E+05	1.838E+04	-7.793E+03	0.000E+00	-2.667E+06	-6.254E+06	4.055E-02	-1.732E-02
11	2	111.25	4	-2.101E+05	1.838E+04	-8.474E+03	0.000E+00	-2.900E+06	-6.254E+06	4.055E-02	-1.883E-02
11	2	111.25	5	-2.101E+05	1.838E+04	8.474E+03	0.000E+00	2.900E+06	-6.254E+06	4.055E-02	1.883E-02
11	2	111.25	6	-2.101E+05	1.838E+04	7.793E+03	0.000E+00	2.667E+06	-6.254E+06	4.055E-02	1.732E-02
11	2	111.25	7	-2.101E+05	1.838E+04	-7.787E+03	0.000E+00	-2.666E+06	-6.254E+06	4.055E-02	-1.731E-02

11	2	111.25	8	-2.101E+05	1.838E+04	-8.469E+03	0.000E+00	-2.899E+06	-6.254E+06	4.055E-02	-1.882E-02
11	2	111.25	9	-2.101E+05	-1.890E+04	8.469E+03	0.000E+00	2.899E+06	6.432E+06	-4.170E-02	1.882E-02
11	2	111.25	10	-2.101E+05	-1.890E+04	7.787E+03	0.000E+00	2.666E+06	6.432E+06	-4.170E-02	1.731E-02
11	2	111.25	11	-2.101E+05	-1.890E+04	-7.793E+03	0.000E+00	-2.667E+06	6.432E+06	-4.170E-02	-1.732E-02
11	2	111.25	12	-2.101E+05	-1.890E+04	-8.474E+03	0.000E+00	-2.900E+06	6.432E+06	-4.170E-02	-1.883E-02
11	2	111.25	13	-2.101E+05	-1.890E+04	8.474E+03	0.000E+00	2.900E+06	6.432E+06	-4.170E-02	1.883E-02
11	2	111.25	14	-2.101E+05	-1.890E+04	7.793E+03	0.000E+00	2.667E+06	6.432E+06	-4.170E-02	1.732E-02
11	2	111.25	15	-2.101E+05	-1.890E+04	-7.787E+03	0.000E+00	-2.666E+06	6.432E+06	-4.170E-02	-1.731E-02
11	2	111.25	16	-2.101E+05	-1.890E+04	-8.469E+03	0.000E+00	-2.899E+06	6.432E+06	-4.170E-02	-1.882E-02
11	3	222.50	1	-2.070E+05	1.838E+04	8.469E+03	0.000E+00	1.956E+06	-4.210E+06	4.654E-02	2.163E-02
11	3	222.50	2	-2.070E+05	1.838E+04	7.787E+03	0.000E+00	1.799E+06	-4.210E+06	4.654E-02	1.989E-02
11	3	222.50	3	-2.070E+05	1.838E+04	-7.793E+03	0.000E+00	-1.800E+06	-4.210E+06	4.654E-02	-1.990E-02
11	3	222.50	4	-2.070E+05	1.838E+04	-8.474E+03	0.000E+00	-1.957E+06	-4.210E+06	4.654E-02	-2.163E-02
11	3	222.50	5	-2.070E+05	1.838E+04	8.474E+03	0.000E+00	1.957E+06	-4.210E+06	4.654E-02	2.163E-02
11	3	222.50	6	-2.070E+05	1.838E+04	7.793E+03	0.000E+00	1.800E+06	-4.210E+06	4.654E-02	1.990E-02
11	3	222.50	7	-2.070E+05	1.838E+04	-7.787E+03	0.000E+00	-1.799E+06	-4.210E+06	4.654E-02	-1.989E-02
11	3	222.50	8	-2.070E+05	1.838E+04	-8.469E+03	0.000E+00	-1.956E+06	-4.210E+06	4.654E-02	-2.163E-02
11	3	222.50	9	-2.069E+05	-1.890E+04	8.469E+03	0.000E+00	1.956E+06	4.330E+06	-4.786E-02	2.163E-02
11	3	222.50	10	-2.069E+05	-1.890E+04	7.787E+03	0.000E+00	1.799E+06	4.330E+06	-4.786E-02	1.989E-02
11	3	222.50	11	-2.069E+05	-1.890E+04	-7.793E+03	0.000E+00	-1.800E+06	4.330E+06	-4.786E-02	-1.990E-02
11	3	222.50	12	-2.069E+05	-1.890E+04	-8.474E+03	0.000E+00	-1.957E+06	4.330E+06	-4.786E-02	-2.163E-02
11	3	222.50	13	-2.069E+05	-1.890E+04	8.474E+03	0.000E+00	1.957E+06	4.330E+06	-4.786E-02	2.163E-02
11	3	222.50	14	-2.069E+05	-1.890E+04	7.793E+03	0.000E+00	1.800E+06	4.330E+06	-4.786E-02	1.990E-02
11	3	222.50	15	-2.069E+05	-1.890E+04	-7.787E+03	0.000E+00	-1.799E+06	4.330E+06	-4.786E-02	-1.989E-02
11	3	222.50	16	-2.069E+05	-1.890E+04	-8.469E+03	0.000E+00	-1.956E+06	4.330E+06	-4.786E-02	-2.163E-02
11	4	333.75	1	-2.038E+05	1.838E+04	8.469E+03	0.000E+00	1.014E+06	-2.166E+06	2.925E-02	1.362E-02
11	4	333.75	2	-2.038E+05	1.838E+04	7.787E+03	0.000E+00	9.332E+05	-2.166E+06	2.925E-02	1.252E-02
11	4	333.75	3	-2.038E+05	1.838E+04	-7.793E+03	0.000E+00	-9.333E+05	-2.166E+06	2.925E-02	-1.253E-02
11	4	333.75	4	-2.038E+05	1.838E+04	-8.474E+03	0.000E+00	-1.014E+06	-2.166E+06	2.925E-02	-1.362E-02
11	4	333.75	5	-2.038E+05	1.838E+04	8.474E+03	0.000E+00	1.014E+06	-2.166E+06	2.925E-02	1.362E-02
11	4	333.75	6	-2.038E+05	1.838E+04	7.793E+03	0.000E+00	9.333E+05	-2.166E+06	2.925E-02	1.253E-02
11	4	333.75	7	-2.038E+05	1.838E+04	-7.787E+03	0.000E+00	-9.332E+05	-2.166E+06	2.925E-02	-1.252E-02
11	4	333.75	8	-2.038E+05	1.838E+04	-8.469E+03	0.000E+00	-1.014E+06	-2.166E+06	2.925E-02	-1.362E-02
11	4	333.75	9	-2.038E+05	-1.890E+04	8.469E+03	0.000E+00	1.014E+06	2.227E+06	-3.008E-02	1.362E-02
11	4	333.75	10	-2.038E+05	-1.890E+04	7.787E+03	0.000E+00	9.332E+05	2.227E+06	-3.008E-02	1.252E-02
11	4	333.75	11	-2.038E+05	-1.890E+04	-7.793E+03	0.000E+00	-9.333E+05	2.227E+06	-3.008E-02	-1.253E-02
11	4	333.75	12	-2.038E+05	-1.890E+04	-8.474E+03	0.000E+00	-1.014E+06	2.227E+06	-3.008E-02	-1.362E-02
11	4	333.75	13	-2.038E+05	-1.890E+04	8.474E+03	0.000E+00	1.014E+06	2.227E+06	-3.008E-02	1.362E-02
11	4	333.75	14	-2.038E+05	-1.890E+04	7.793E+03	0.000E+00	9.333E+05	2.227E+06	-3.008E-02	1.253E-02
11	4	333.75	15	-2.038E+05	-1.890E+04	-7.787E+03	0.000E+00	-9.332E+05	2.227E+06	-3.008E-02	-1.252E-02
11	4	333.75	16	-2.038E+05	-1.890E+04	-8.469E+03	0.000E+00	-1.014E+06	2.227E+06	-3.008E-02	-1.362E-02
11	5	445.00	1	-2.007E+05	1.838E+04	8.469E+03	0.000E+00	7.261E+04	-1.213E+05	5.671E-10	5.054E-09
11	5	445.00	2	-2.007E+05	1.838E+04	7.787E+03	0.000E+00	6.729E+04	-1.213E+05	5.671E-10	4.033E-09
11	5	445.00	3	-2.007E+05	1.838E+04	-7.793E+03	0.000E+00	-6.681E+04	-1.213E+05	5.671E-10	-4.032E-09
11	5	445.00	4	-2.007E+05	1.838E+04	-8.474E+03	0.000E+00	-7.213E+04	-1.213E+05	5.671E-10	-5.053E-09
11	5	445.00	5	-2.007E+05	1.838E+04	8.474E+03	0.000E+00	7.213E+04	-1.213E+05	5.671E-10	5.053E-09
11	5	445.00	6	-2.007E+05	1.838E+04	7.793E+03	0.000E+00	6.681E+04	-1.213E+05	5.671E-10	4.032E-09
11	5	445.00	7	-2.007E+05	1.838E+04	-7.787E+03	0.000E+00	-6.729E+04	-1.213E+05	5.671E-10	-4.033E-09
11	5	445.00	8	-2.007E+05	1.838E+04	-8.469E+03	0.000E+00	-7.261E+04	-1.213E+05	5.671E-10	-5.054E-09
11	5	445.00	9	-2.006E+05	-1.890E+04	8.469E+03	0.000E+00	7.261E+04	1.246E+05	-4.030E-10	5.054E-09
11	5	445.00	10	-2.006E+05	-1.890E+04	7.787E+03	0.000E+00	6.729E+04	1.246E+05	-4.030E-10	4.033E-09
11	5	445.00	11	-2.006E+05	-1.890E+04	-7.793E+03	0.000E+00	-6.681E+04	1.246E+05	-4.030E-10	-4.032E-09
11	5	445.00	12	-2.006E+05	-1.890E+04	-8.474E+03	0.000E+00	-7.213E+04	1.246E+05	-4.030E-10	-5.053E-09
11	5	445.00	13	-2.006E+05	-1.890E+04	8.474E+03	0.000E+00	7.213E+04	1.246E+05	-4.030E-10	5.053E-09
11	5	445.00	14	-2.006E+05	-1.890E+04	7.793E+03	0.000E+00	6.681E+04	1.246E+05	-4.030E-10	4.032E-09
11	5	445.00	15	-2.006E+05	-1.890E+04	-7.787E+03	0.000E+00	-6.729E+04	1.246E+05	-4.030E-10	-4.033E-09
11	5	445.00	16	-2.006E+05	-1.890E+04	-8.469E+03	0.000E+00	-7.261E+04	1.246E+05	-4.030E-10	-5.054E-09
12	1	0.00	1	-2.157E+05	1.029E+04	1.077E+04	0.000E+00	5.775E+06	-5.501E+06	0.000E+00	0.000E+00
12	1	0.00	2	-2.157E+05	1.029E+04	9.910E+03	0.000E+00	5.312E+06	-5.501E+06	0.000E+00	0.000E+00
12	1	0.00	3	-2.157E+05	1.029E+04	-9.919E+03	0.000E+00	-5.317E+06	-5.501E+06	0.000E+00	0.000E+00
12	1	0.00	4	-2.157E+05	1.029E+04	-1.078E+04	0.000E+00	-5.780E+06	-5.501E+06	0.000E+00	0.000E+00
12	1	0.00	5	-2.157E+05	1.029E+04	1.078E+04	0.000E+00	5.780E+06	-5.501E+06	0.000E+00	0.000E+00

12	1	0.00	6	-2.157E+05	1.029E+04	9.919E+03	0.000E+00	5.317E+06	-5.501E+06	0.000E+00	0.000E+00
12	1	0.00	7	-2.157E+05	1.029E+04	-9.910E+03	0.000E+00	-5.312E+06	-5.501E+06	0.000E+00	0.000E+00
12	1	0.00	8	-2.157E+05	1.029E+04	-1.077E+04	0.000E+00	-5.775E+06	-5.501E+06	0.000E+00	0.000E+00
12	1	0.00	9	-2.156E+05	-1.075E+04	1.077E+04	0.000E+00	5.775E+06	5.749E+06	0.000E+00	0.000E+00
12	1	0.00	10	-2.156E+05	-1.075E+04	9.910E+03	0.000E+00	5.312E+06	5.749E+06	0.000E+00	0.000E+00
12	1	0.00	11	-2.156E+05	-1.075E+04	-9.919E+03	0.000E+00	-5.317E+06	5.749E+06	0.000E+00	0.000E+00
12	1	0.00	12	-2.156E+05	-1.075E+04	-1.078E+04	0.000E+00	-5.780E+06	5.749E+06	0.000E+00	0.000E+00
12	1	0.00	13	-2.156E+05	-1.075E+04	1.078E+04	0.000E+00	5.780E+06	5.749E+06	0.000E+00	0.000E+00
12	1	0.00	14	-2.156E+05	-1.075E+04	9.919E+03	0.000E+00	5.317E+06	5.749E+06	0.000E+00	0.000E+00
12	1	0.00	15	-2.156E+05	-1.075E+04	-9.910E+03	0.000E+00	-5.312E+06	5.749E+06	0.000E+00	0.000E+00
12	1	0.00	16	-2.156E+05	-1.075E+04	-1.077E+04	0.000E+00	-5.775E+06	5.749E+06	0.000E+00	0.000E+00
12	2	132.50	1	-2.119E+05	1.029E+04	1.077E+04	0.000E+00	4.348E+06	-4.138E+06	3.798E-02	3.994E-02
12	2	132.50	2	-2.119E+05	1.029E+04	9.910E+03	0.000E+00	3.999E+06	-4.138E+06	3.798E-02	3.673E-02
12	2	132.50	3	-2.119E+05	1.029E+04	-9.919E+03	0.000E+00	-4.002E+06	-4.138E+06	3.798E-02	-3.676E-02
12	2	132.50	4	-2.119E+05	1.029E+04	-1.078E+04	0.000E+00	-4.351E+06	-4.138E+06	3.798E-02	-3.997E-02
12	2	132.50	5	-2.119E+05	1.029E+04	1.078E+04	0.000E+00	4.351E+06	-4.138E+06	3.798E-02	3.997E-02
12	2	132.50	6	-2.119E+05	1.029E+04	9.919E+03	0.000E+00	4.002E+06	-4.138E+06	3.798E-02	3.676E-02
12	2	132.50	7	-2.119E+05	1.029E+04	-9.910E+03	0.000E+00	-3.999E+06	-4.138E+06	3.798E-02	-3.673E-02
12	2	132.50	8	-2.119E+05	1.029E+04	-1.077E+04	0.000E+00	-4.348E+06	-4.138E+06	3.798E-02	-3.994E-02
12	2	132.50	9	-2.119E+05	-1.075E+04	1.077E+04	0.000E+00	4.348E+06	4.325E+06	-3.969E-02	3.994E-02
12	2	132.50	10	-2.119E+05	-1.075E+04	9.910E+03	0.000E+00	3.999E+06	4.325E+06	-3.969E-02	3.673E-02
12	2	132.50	11	-2.119E+05	-1.075E+04	-9.919E+03	0.000E+00	-4.002E+06	4.325E+06	-3.969E-02	-3.676E-02
12	2	132.50	12	-2.119E+05	-1.075E+04	-1.078E+04	0.000E+00	-4.351E+06	4.325E+06	-3.969E-02	-3.997E-02
12	2	132.50	13	-2.119E+05	-1.075E+04	1.078E+04	0.000E+00	4.351E+06	4.325E+06	-3.969E-02	3.997E-02
12	2	132.50	14	-2.119E+05	-1.075E+04	9.919E+03	0.000E+00	4.002E+06	4.325E+06	-3.969E-02	3.676E-02
12	2	132.50	15	-2.119E+05	-1.075E+04	-9.910E+03	0.000E+00	-3.999E+06	4.325E+06	-3.969E-02	-3.673E-02
12	2	132.50	16	-2.119E+05	-1.075E+04	-1.077E+04	0.000E+00	-4.348E+06	4.325E+06	-3.969E-02	-3.994E-02
12	3	265.00	1	-2.082E+05	1.029E+04	1.077E+04	0.000E+00	2.920E+06	-2.775E+06	4.351E-02	4.579E-02
12	3	265.00	2	-2.082E+05	1.029E+04	9.910E+03	0.000E+00	2.686E+06	-2.775E+06	4.351E-02	4.212E-02
12	3	265.00	3	-2.082E+05	1.029E+04	-9.919E+03	0.000E+00	-2.688E+06	-2.775E+06	4.351E-02	-4.215E-02
12	3	265.00	4	-2.082E+05	1.029E+04	-1.078E+04	0.000E+00	-2.923E+06	-2.775E+06	4.351E-02	-4.583E-02
12	3	265.00	5	-2.082E+05	1.029E+04	1.078E+04	0.000E+00	2.923E+06	-2.775E+06	4.351E-02	4.583E-02
12	3	265.00	6	-2.082E+05	1.029E+04	9.919E+03	0.000E+00	2.688E+06	-2.775E+06	4.351E-02	4.215E-02
12	3	265.00	7	-2.082E+05	1.029E+04	-9.910E+03	0.000E+00	-2.686E+06	-2.775E+06	4.351E-02	-4.212E-02
12	3	265.00	8	-2.082E+05	1.029E+04	-1.077E+04	0.000E+00	-2.920E+06	-2.775E+06	4.351E-02	-4.579E-02
12	3	265.00	9	-2.081E+05	-1.075E+04	1.077E+04	0.000E+00	2.920E+06	2.901E+06	-4.548E-02	4.579E-02
12	3	265.00	10	-2.081E+05	-1.075E+04	9.910E+03	0.000E+00	2.686E+06	2.901E+06	-4.548E-02	4.212E-02
12	3	265.00	11	-2.081E+05	-1.075E+04	-9.919E+03	0.000E+00	-2.688E+06	2.901E+06	-4.548E-02	-4.215E-02
12	3	265.00	12	-2.081E+05	-1.075E+04	-1.078E+04	0.000E+00	-2.923E+06	2.901E+06	-4.548E-02	-4.583E-02
12	3	265.00	13	-2.081E+05	-1.075E+04	1.078E+04	0.000E+00	2.923E+06	2.901E+06	-4.548E-02	4.583E-02
12	3	265.00	14	-2.081E+05	-1.075E+04	9.919E+03	0.000E+00	2.688E+06	2.901E+06	-4.548E-02	4.215E-02
12	3	265.00	15	-2.081E+05	-1.075E+04	-9.910E+03	0.000E+00	-2.686E+06	2.901E+06	-4.548E-02	-4.212E-02
12	3	265.00	16	-2.081E+05	-1.075E+04	-1.077E+04	0.000E+00	-2.920E+06	2.901E+06	-4.548E-02	-4.579E-02
12	4	397.50	1	-2.044E+05	1.029E+04	1.077E+04	0.000E+00	1.493E+06	-1.412E+06	2.729E-02	2.875E-02
12	4	397.50	2	-2.044E+05	1.029E+04	9.910E+03	0.000E+00	1.373E+06	-1.412E+06	2.729E-02	2.644E-02
12	4	397.50	3	-2.044E+05	1.029E+04	-9.919E+03	0.000E+00	-1.374E+06	-1.412E+06	2.729E-02	-2.646E-02
12	4	397.50	4	-2.044E+05	1.029E+04	-1.078E+04	0.000E+00	-1.494E+06	-1.412E+06	2.729E-02	-2.877E-02
12	4	397.50	5	-2.044E+05	1.029E+04	1.078E+04	0.000E+00	1.494E+06	-1.412E+06	2.729E-02	2.877E-02
12	4	397.50	6	-2.044E+05	1.029E+04	9.919E+03	0.000E+00	1.374E+06	-1.412E+06	2.729E-02	2.646E-02
12	4	397.50	7	-2.044E+05	1.029E+04	-9.910E+03	0.000E+00	-1.373E+06	-1.412E+06	2.729E-02	-2.644E-02
12	4	397.50	8	-2.044E+05	1.029E+04	-1.077E+04	0.000E+00	-1.493E+06	-1.412E+06	2.729E-02	-2.875E-02
12	4	397.50	9	-2.044E+05	-1.075E+04	1.077E+04	0.000E+00	1.493E+06	1.476E+06	-2.853E-02	2.875E-02
12	4	397.50	10	-2.044E+05	-1.075E+04	9.910E+03	0.000E+00	1.373E+06	1.476E+06	-2.853E-02	2.644E-02
12	4	397.50	11	-2.044E+05	-1.075E+04	-9.919E+03	0.000E+00	-1.374E+06	1.476E+06	-2.853E-02	-2.646E-02
12	4	397.50	12	-2.044E+05	-1.075E+04	-1.078E+04	0.000E+00	-1.494E+06	1.476E+06	-2.853E-02	-2.877E-02
12	4	397.50	13	-2.044E+05	-1.075E+04	1.078E+04	0.000E+00	1.494E+06	1.476E+06	-2.853E-02	2.877E-02
12	4	397.50	14	-2.044E+05	-1.075E+04	9.919E+03	0.000E+00	1.374E+06	1.476E+06	-2.853E-02	2.646E-02
12	4	397.50	15	-2.044E+05	-1.075E+04	-9.910E+03	0.000E+00	-1.373E+06	1.476E+06	-2.853E-02	-2.644E-02
12	4	397.50	16	-2.044E+05	-1.075E+04	-1.077E+04	0.000E+00	-1.493E+06	1.476E+06	-2.853E-02	-2.875E-02
12	5	530.00	1	-2.007E+05	1.029E+04	1.077E+04	0.000E+00	6.628E+04	-4.854E+04	1.544E-09	-6.149E-09
12	5	530.00	2	-2.007E+05	1.029E+04	9.910E+03	0.000E+00	6.049E+04	-4.854E+04	1.544E-09	-4.594E-09
12	5	530.00	3	-2.007E+05	1.029E+04	-9.919E+03	0.000E+00	-6.003E+04	-4.854E+04	1.544E-09	4.608E-09

12	5	530.00	4	-2.007E+05	1.029E+04	-1.078E+04	0.000E+00	-6.581E+04	-4.854E+04	1.544E-09	6.163E-09
12	5	530.00	5	-2.007E+05	1.029E+04	1.078E+04	0.000E+00	6.581E+04	-4.854E+04	1.544E-09	-6.163E-09
12	5	530.00	6	-2.007E+05	1.029E+04	9.919E+03	0.000E+00	6.003E+04	-4.854E+04	1.544E-09	-4.608E-09
12	5	530.00	7	-2.007E+05	1.029E+04	-9.910E+03	0.000E+00	-6.049E+04	-4.854E+04	1.544E-09	4.594E-09
12	5	530.00	8	-2.007E+05	1.029E+04	-1.077E+04	0.000E+00	-6.628E+04	-4.854E+04	1.544E-09	6.149E-09
12	5	530.00	9	-2.006E+05	-1.075E+04	1.077E+04	0.000E+00	6.628E+04	5.230E+04	-1.352E-09	-6.149E-09
12	5	530.00	10	-2.006E+05	-1.075E+04	9.910E+03	0.000E+00	6.049E+04	5.230E+04	-1.352E-09	-4.594E-09
12	5	530.00	11	-2.006E+05	-1.075E+04	-9.919E+03	0.000E+00	-6.003E+04	5.230E+04	-1.352E-09	4.608E-09
12	5	530.00	12	-2.006E+05	-1.075E+04	-1.078E+04	0.000E+00	-6.581E+04	5.230E+04	-1.352E-09	6.163E-09
12	5	530.00	13	-2.006E+05	-1.075E+04	1.078E+04	0.000E+00	6.581E+04	5.230E+04	-1.352E-09	-6.163E-09
12	5	530.00	14	-2.006E+05	-1.075E+04	9.919E+03	0.000E+00	6.003E+04	5.230E+04	-1.352E-09	-4.608E-09
12	5	530.00	15	-2.006E+05	-1.075E+04	-9.910E+03	0.000E+00	-6.049E+04	5.230E+04	-1.352E-09	4.594E-09
12	5	530.00	16	-2.006E+05	-1.075E+04	-1.077E+04	0.000E+00	-6.628E+04	5.230E+04	-1.352E-09	6.149E-09
13	1	0.00	1	-2.145E+05	9.806E+03	9.974E+03	0.000E+00	4.956E+06	-4.869E+06	0.000E+00	0.000E+00
13	1	0.00	2	-2.145E+05	9.806E+03	8.866E+03	0.000E+00	4.405E+06	-4.869E+06	0.000E+00	0.000E+00
13	1	0.00	3	-2.145E+05	9.806E+03	-8.885E+03	0.000E+00	-4.414E+06	-4.869E+06	0.000E+00	0.000E+00
13	1	0.00	4	-2.145E+05	9.806E+03	-9.993E+03	0.000E+00	-4.965E+06	-4.869E+06	0.000E+00	0.000E+00
13	1	0.00	5	-2.145E+05	9.806E+03	9.993E+03	0.000E+00	4.965E+06	-4.869E+06	0.000E+00	0.000E+00
13	1	0.00	6	-2.145E+05	9.806E+03	8.885E+03	0.000E+00	4.414E+06	-4.869E+06	0.000E+00	0.000E+00
13	1	0.00	7	-2.145E+05	9.806E+03	-8.866E+03	0.000E+00	-4.405E+06	-4.869E+06	0.000E+00	0.000E+00
13	1	0.00	8	-2.145E+05	9.806E+03	-9.974E+03	0.000E+00	-4.956E+06	-4.869E+06	0.000E+00	0.000E+00
13	1	0.00	9	-2.145E+05	-1.052E+04	9.974E+03	0.000E+00	4.956E+06	5.225E+06	0.000E+00	0.000E+00
13	1	0.00	10	-2.145E+05	-1.052E+04	8.866E+03	0.000E+00	4.405E+06	5.225E+06	0.000E+00	0.000E+00
13	1	0.00	11	-2.145E+05	-1.052E+04	-8.885E+03	0.000E+00	-4.414E+06	5.225E+06	0.000E+00	0.000E+00
13	1	0.00	12	-2.145E+05	-1.052E+04	-9.993E+03	0.000E+00	-4.965E+06	5.225E+06	0.000E+00	0.000E+00
13	1	0.00	13	-2.145E+05	-1.052E+04	9.993E+03	0.000E+00	4.965E+06	5.225E+06	0.000E+00	0.000E+00
13	1	0.00	14	-2.145E+05	-1.052E+04	8.885E+03	0.000E+00	4.414E+06	5.225E+06	0.000E+00	0.000E+00
13	1	0.00	15	-2.145E+05	-1.052E+04	-8.866E+03	0.000E+00	-4.405E+06	5.225E+06	0.000E+00	0.000E+00
13	1	0.00	16	-2.145E+05	-1.052E+04	-9.974E+03	0.000E+00	-4.956E+06	5.225E+06	0.000E+00	0.000E+00
13	2	122.50	1	-2.111E+05	9.806E+03	9.974E+03	0.000E+00	3.734E+06	-3.668E+06	2.882E-02	2.935E-02
13	2	122.50	2	-2.111E+05	9.806E+03	8.866E+03	0.000E+00	3.319E+06	-3.668E+06	2.882E-02	2.608E-02
13	2	122.50	3	-2.111E+05	9.806E+03	-8.885E+03	0.000E+00	-3.325E+06	-3.668E+06	2.882E-02	-2.613E-02
13	2	122.50	4	-2.111E+05	9.806E+03	-9.993E+03	0.000E+00	-3.740E+06	-3.668E+06	2.882E-02	-2.940E-02
13	2	122.50	5	-2.111E+05	9.806E+03	9.993E+03	0.000E+00	3.740E+06	-3.668E+06	2.882E-02	2.940E-02
13	2	122.50	6	-2.111E+05	9.806E+03	8.885E+03	0.000E+00	3.325E+06	-3.668E+06	2.882E-02	2.613E-02
13	2	122.50	7	-2.111E+05	9.806E+03	-8.866E+03	0.000E+00	-3.319E+06	-3.668E+06	2.882E-02	-2.608E-02
13	2	122.50	8	-2.111E+05	9.806E+03	-9.974E+03	0.000E+00	-3.734E+06	-3.668E+06	2.882E-02	-2.935E-02
13	2	122.50	9	-2.110E+05	-1.052E+04	9.974E+03	0.000E+00	3.734E+06	3.936E+06	-3.093E-02	2.935E-02
13	2	122.50	10	-2.110E+05	-1.052E+04	8.866E+03	0.000E+00	3.319E+06	3.936E+06	-3.093E-02	2.608E-02
13	2	122.50	11	-2.110E+05	-1.052E+04	-8.885E+03	0.000E+00	-3.325E+06	3.936E+06	-3.093E-02	-2.613E-02
13	2	122.50	12	-2.110E+05	-1.052E+04	-9.993E+03	0.000E+00	-3.740E+06	3.936E+06	-3.093E-02	-2.940E-02
13	2	122.50	13	-2.110E+05	-1.052E+04	9.993E+03	0.000E+00	3.740E+06	3.936E+06	-3.093E-02	2.940E-02
13	2	122.50	14	-2.110E+05	-1.052E+04	8.885E+03	0.000E+00	3.325E+06	3.936E+06	-3.093E-02	2.613E-02
13	2	122.50	15	-2.110E+05	-1.052E+04	-8.866E+03	0.000E+00	-3.319E+06	3.936E+06	-3.093E-02	-2.608E-02
13	2	122.50	16	-2.110E+05	-1.052E+04	-9.974E+03	0.000E+00	-3.734E+06	3.936E+06	-3.093E-02	-2.935E-02
13	3	245.00	1	-2.076E+05	9.806E+03	9.974E+03	0.000E+00	2.512E+06	-2.467E+06	3.306E-02	3.367E-02
13	3	245.00	2	-2.076E+05	9.806E+03	8.866E+03	0.000E+00	2.233E+06	-2.467E+06	3.306E-02	2.992E-02
13	3	245.00	3	-2.076E+05	9.806E+03	-8.885E+03	0.000E+00	-2.237E+06	-2.467E+06	3.306E-02	-2.998E-02
13	3	245.00	4	-2.076E+05	9.806E+03	-9.993E+03	0.000E+00	-2.516E+06	-2.467E+06	3.306E-02	-3.373E-02
13	3	245.00	5	-2.076E+05	9.806E+03	9.993E+03	0.000E+00	2.516E+06	-2.467E+06	3.306E-02	3.373E-02
13	3	245.00	6	-2.076E+05	9.806E+03	8.885E+03	0.000E+00	2.237E+06	-2.467E+06	3.306E-02	2.998E-02
13	3	245.00	7	-2.076E+05	9.806E+03	-8.866E+03	0.000E+00	-2.233E+06	-2.467E+06	3.306E-02	-2.992E-02
13	3	245.00	8	-2.076E+05	9.806E+03	-9.974E+03	0.000E+00	-2.512E+06	-2.467E+06	3.306E-02	-3.367E-02
13	3	245.00	9	-2.076E+05	-1.052E+04	9.974E+03	0.000E+00	2.512E+06	2.647E+06	-3.548E-02	3.367E-02
13	3	245.00	10	-2.076E+05	-1.052E+04	8.866E+03	0.000E+00	2.233E+06	2.647E+06	-3.548E-02	2.992E-02
13	3	245.00	11	-2.076E+05	-1.052E+04	-8.885E+03	0.000E+00	-2.237E+06	2.647E+06	-3.548E-02	-2.998E-02
13	3	245.00	12	-2.076E+05	-1.052E+04	-9.993E+03	0.000E+00	-2.516E+06	2.647E+06	-3.548E-02	-3.373E-02
13	3	245.00	13	-2.076E+05	-1.052E+04	9.993E+03	0.000E+00	2.516E+06	2.647E+06	-3.548E-02	3.373E-02
13	3	245.00	14	-2.076E+05	-1.052E+04	8.885E+03	0.000E+00	2.237E+06	2.647E+06	-3.548E-02	2.998E-02
13	3	245.00	15	-2.076E+05	-1.052E+04	-8.866E+03	0.000E+00	-2.233E+06	2.647E+06	-3.548E-02	-2.992E-02
13	3	245.00	16	-2.076E+05	-1.052E+04	-9.974E+03	0.000E+00	-2.512E+06	2.647E+06	-3.548E-02	-3.367E-02
13	4	367.50	1	-2.041E+05	9.806E+03	9.974E+03	0.000E+00	1.290E+06	-1.266E+06	2.077E-02	2.116E-02

13	4	367.50	2	-2.041E+05	9.806E+03	8.866E+03	0.000E+00	1.147E+06	-1.266E+06	2.077E-02	1.880E-02
13	4	367.50	3	-2.041E+05	9.806E+03	-8.885E+03	0.000E+00	-1.149E+06	-1.266E+06	2.077E-02	-1.884E-02
13	4	367.50	4	-2.041E+05	9.806E+03	-9.993E+03	0.000E+00	-1.292E+06	-1.266E+06	2.077E-02	-2.119E-02
13	4	367.50	5	-2.041E+05	9.806E+03	9.993E+03	0.000E+00	1.292E+06	-1.266E+06	2.077E-02	2.119E-02
13	4	367.50	6	-2.041E+05	9.806E+03	8.885E+03	0.000E+00	1.149E+06	-1.266E+06	2.077E-02	1.884E-02
13	4	367.50	7	-2.041E+05	9.806E+03	-8.866E+03	0.000E+00	-1.147E+06	-1.266E+06	2.077E-02	-1.880E-02
13	4	367.50	8	-2.041E+05	9.806E+03	-9.974E+03	0.000E+00	-1.290E+06	-1.266E+06	2.077E-02	-2.116E-02
13	4	367.50	9	-2.041E+05	-1.052E+04	9.974E+03	0.000E+00	1.290E+06	1.358E+06	-2.229E-02	2.116E-02
13	4	367.50	10	-2.041E+05	-1.052E+04	8.866E+03	0.000E+00	1.147E+06	1.358E+06	-2.229E-02	1.880E-02
13	4	367.50	11	-2.041E+05	-1.052E+04	-8.885E+03	0.000E+00	-1.149E+06	1.358E+06	-2.229E-02	-1.884E-02
13	4	367.50	12	-2.041E+05	-1.052E+04	-9.993E+03	0.000E+00	-1.292E+06	1.358E+06	-2.229E-02	-2.119E-02
13	4	367.50	13	-2.041E+05	-1.052E+04	9.993E+03	0.000E+00	1.292E+06	1.358E+06	-2.229E-02	2.119E-02
13	4	367.50	14	-2.041E+05	-1.052E+04	8.885E+03	0.000E+00	1.149E+06	1.358E+06	-2.229E-02	1.884E-02
13	4	367.50	15	-2.041E+05	-1.052E+04	-8.866E+03	0.000E+00	-1.147E+06	1.358E+06	-2.229E-02	-1.880E-02
13	4	367.50	16	-2.041E+05	-1.052E+04	-9.974E+03	0.000E+00	-1.290E+06	1.358E+06	-2.229E-02	-2.116E-02
13	5	490.00	1	-2.007E+05	9.806E+03	9.974E+03	0.000E+00	6.926E+04	-6.444E+04	-2.398E-09	-1.899E-09
13	5	490.00	2	-2.007E+05	9.806E+03	8.866E+03	0.000E+00	6.134E+04	-6.444E+04	-2.398E-09	-2.269E-09
13	5	490.00	3	-2.007E+05	9.806E+03	-8.885E+03	0.000E+00	-6.098E+04	-6.444E+04	-2.398E-09	2.293E-09
13	5	490.00	4	-2.007E+05	9.806E+03	-9.993E+03	0.000E+00	-6.889E+04	-6.444E+04	-2.398E-09	1.923E-09
13	5	490.00	5	-2.007E+05	9.806E+03	9.993E+03	0.000E+00	6.889E+04	-6.444E+04	-2.398E-09	-1.923E-09
13	5	490.00	6	-2.007E+05	9.806E+03	8.885E+03	0.000E+00	6.098E+04	-6.444E+04	-2.398E-09	-2.293E-09
13	5	490.00	7	-2.007E+05	9.806E+03	-8.866E+03	0.000E+00	-6.134E+04	-6.444E+04	-2.398E-09	2.269E-09
13	5	490.00	8	-2.007E+05	9.806E+03	-9.974E+03	0.000E+00	-6.926E+04	-6.444E+04	-2.398E-09	1.899E-09
13	5	490.00	9	-2.006E+05	-1.052E+04	9.974E+03	0.000E+00	6.926E+04	6.923E+04	1.912E-09	-1.899E-09
13	5	490.00	10	-2.006E+05	-1.052E+04	8.866E+03	0.000E+00	6.134E+04	6.923E+04	1.912E-09	-2.269E-09
13	5	490.00	11	-2.006E+05	-1.052E+04	-8.885E+03	0.000E+00	-6.098E+04	6.923E+04	1.912E-09	2.293E-09
13	5	490.00	12	-2.006E+05	-1.052E+04	-9.993E+03	0.000E+00	-6.889E+04	6.923E+04	1.912E-09	1.923E-09
13	5	490.00	13	-2.006E+05	-1.052E+04	9.993E+03	0.000E+00	6.889E+04	6.923E+04	1.912E-09	-1.923E-09
13	5	490.00	14	-2.006E+05	-1.052E+04	8.885E+03	0.000E+00	6.098E+04	6.923E+04	1.912E-09	-2.293E-09
13	5	490.00	15	-2.006E+05	-1.052E+04	-8.866E+03	0.000E+00	-6.134E+04	6.923E+04	1.912E-09	2.269E-09
13	5	490.00	16	-2.006E+05	-1.052E+04	-9.974E+03	0.000E+00	-6.926E+04	6.923E+04	1.912E-09	1.899E-09
14	1	0.00	1	-2.137E+05	7.969E+03	8.710E+03	0.000E+00	4.063E+06	-3.708E+06	0.000E+00	0.000E+00
14	1	0.00	2	-2.137E+05	7.969E+03	7.401E+03	0.000E+00	3.452E+06	-3.708E+06	0.000E+00	0.000E+00
14	1	0.00	3	-2.137E+05	7.969E+03	-7.436E+03	0.000E+00	-3.467E+06	-3.708E+06	0.000E+00	0.000E+00
14	1	0.00	4	-2.137E+05	7.969E+03	-8.745E+03	0.000E+00	-4.078E+06	-3.708E+06	0.000E+00	0.000E+00
14	1	0.00	5	-2.137E+05	7.969E+03	8.745E+03	0.000E+00	4.078E+06	-3.708E+06	0.000E+00	0.000E+00
14	1	0.00	6	-2.137E+05	7.969E+03	7.436E+03	0.000E+00	3.467E+06	-3.708E+06	0.000E+00	0.000E+00
14	1	0.00	7	-2.137E+05	7.969E+03	-7.401E+03	0.000E+00	-3.452E+06	-3.708E+06	0.000E+00	0.000E+00
14	1	0.00	8	-2.137E+05	7.969E+03	-8.710E+03	0.000E+00	-4.063E+06	-3.708E+06	0.000E+00	0.000E+00
14	1	0.00	9	-2.137E+05	-9.002E+03	8.710E+03	0.000E+00	4.063E+06	4.191E+06	0.000E+00	0.000E+00
14	1	0.00	10	-2.137E+05	-9.002E+03	7.401E+03	0.000E+00	3.452E+06	4.191E+06	0.000E+00	0.000E+00
14	1	0.00	11	-2.137E+05	-9.002E+03	-7.436E+03	0.000E+00	-3.467E+06	4.191E+06	0.000E+00	0.000E+00
14	1	0.00	12	-2.137E+05	-9.002E+03	-8.745E+03	0.000E+00	-4.078E+06	4.191E+06	0.000E+00	0.000E+00
14	1	0.00	13	-2.137E+05	-9.002E+03	8.745E+03	0.000E+00	4.078E+06	4.191E+06	0.000E+00	0.000E+00
14	1	0.00	14	-2.137E+05	-9.002E+03	7.436E+03	0.000E+00	3.467E+06	4.191E+06	0.000E+00	0.000E+00
14	1	0.00	15	-2.137E+05	-9.002E+03	-7.401E+03	0.000E+00	-3.452E+06	4.191E+06	0.000E+00	0.000E+00
14	1	0.00	16	-2.137E+05	-9.002E+03	-8.710E+03	0.000E+00	-4.063E+06	4.191E+06	0.000E+00	0.000E+00
14	2	115.00	1	-2.104E+05	7.969E+03	8.710E+03	0.000E+00	3.061E+06	-2.791E+06	1.931E-02	2.120E-02
14	2	115.00	2	-2.104E+05	7.969E+03	7.401E+03	0.000E+00	2.600E+06	-2.791E+06	1.931E-02	1.801E-02
14	2	115.00	3	-2.104E+05	7.969E+03	-7.436E+03	0.000E+00	-2.612E+06	-2.791E+06	1.931E-02	-1.809E-02
14	2	115.00	4	-2.104E+05	7.969E+03	-8.745E+03	0.000E+00	-3.073E+06	-2.791E+06	1.931E-02	-2.128E-02
14	2	115.00	5	-2.104E+05	7.969E+03	8.745E+03	0.000E+00	3.073E+06	-2.791E+06	1.931E-02	2.128E-02
14	2	115.00	6	-2.104E+05	7.969E+03	7.436E+03	0.000E+00	2.612E+06	-2.791E+06	1.931E-02	1.809E-02
14	2	115.00	7	-2.104E+05	7.969E+03	-7.401E+03	0.000E+00	-2.600E+06	-2.791E+06	1.931E-02	-1.801E-02
14	2	115.00	8	-2.104E+05	7.969E+03	-8.710E+03	0.000E+00	-3.061E+06	-2.791E+06	1.931E-02	-2.120E-02
14	2	115.00	9	-2.104E+05	-9.002E+03	8.710E+03	0.000E+00	3.061E+06	3.156E+06	-2.184E-02	2.120E-02
14	2	115.00	10	-2.104E+05	-9.002E+03	7.401E+03	0.000E+00	2.600E+06	3.156E+06	-2.184E-02	1.801E-02
14	2	115.00	11	-2.104E+05	-9.002E+03	-7.436E+03	0.000E+00	-2.612E+06	3.156E+06	-2.184E-02	-1.809E-02
14	2	115.00	12	-2.104E+05	-9.002E+03	-8.745E+03	0.000E+00	-3.073E+06	3.156E+06	-2.184E-02	-2.128E-02
14	2	115.00	13	-2.104E+05	-9.002E+03	8.745E+03	0.000E+00	3.073E+06	3.156E+06	-2.184E-02	2.128E-02
14	2	115.00	14	-2.104E+05	-9.002E+03	7.436E+03	0.000E+00	2.612E+06	3.156E+06	-2.184E-02	1.809E-02
14	2	115.00	15	-2.104E+05	-9.002E+03	-7.401E+03	0.000E+00	-2.600E+06	3.156E+06	-2.184E-02	-1.801E-02

14	2	115.00	16	-2.104E+05	-9.002E+03	-8.710E+03	0.000E+00	-3.061E+06	3.156E+06	-2.184E-02	-2.120E-02
14	3	230.00	1	-2.072E+05	7.969E+03	8.710E+03	0.000E+00	2.059E+06	-1.875E+06	2.215E-02	2.432E-02
14	3	230.00	2	-2.072E+05	7.969E+03	7.401E+03	0.000E+00	1.749E+06	-1.875E+06	2.215E-02	2.066E-02
14	3	230.00	3	-2.072E+05	7.969E+03	-7.436E+03	0.000E+00	-1.757E+06	-1.875E+06	2.215E-02	-2.075E-02
14	3	230.00	4	-2.072E+05	7.969E+03	-8.745E+03	0.000E+00	-2.067E+06	-1.875E+06	2.215E-02	-2.441E-02
14	3	230.00	5	-2.072E+05	7.969E+03	8.745E+03	0.000E+00	2.067E+06	-1.875E+06	2.215E-02	2.441E-02
14	3	230.00	6	-2.072E+05	7.969E+03	7.436E+03	0.000E+00	1.757E+06	-1.875E+06	2.215E-02	2.075E-02
14	3	230.00	7	-2.072E+05	7.969E+03	-7.401E+03	0.000E+00	-1.749E+06	-1.875E+06	2.215E-02	-2.066E-02
14	3	230.00	8	-2.072E+05	7.969E+03	-8.710E+03	0.000E+00	-2.059E+06	-1.875E+06	2.215E-02	-2.432E-02
14	3	230.00	9	-2.072E+05	-9.002E+03	8.710E+03	0.000E+00	2.059E+06	2.121E+06	-2.505E-02	2.432E-02
14	3	230.00	10	-2.072E+05	-9.002E+03	7.401E+03	0.000E+00	1.749E+06	2.121E+06	-2.505E-02	2.066E-02
14	3	230.00	11	-2.072E+05	-9.002E+03	-7.436E+03	0.000E+00	-1.757E+06	2.121E+06	-2.505E-02	-2.075E-02
14	3	230.00	12	-2.072E+05	-9.002E+03	-8.745E+03	0.000E+00	-2.067E+06	2.121E+06	-2.505E-02	-2.441E-02
14	3	230.00	13	-2.072E+05	-9.002E+03	8.745E+03	0.000E+00	2.067E+06	2.121E+06	-2.505E-02	2.441E-02
14	3	230.00	14	-2.072E+05	-9.002E+03	7.436E+03	0.000E+00	1.757E+06	2.121E+06	-2.505E-02	2.075E-02
14	3	230.00	15	-2.072E+05	-9.002E+03	-7.401E+03	0.000E+00	-1.749E+06	2.121E+06	-2.505E-02	-2.066E-02
14	3	230.00	16	-2.072E+05	-9.002E+03	-8.710E+03	0.000E+00	-2.059E+06	2.121E+06	-2.505E-02	-2.432E-02
14	4	345.00	1	-2.039E+05	7.969E+03	8.710E+03	0.000E+00	1.058E+06	-9.584E+05	1.390E-02	1.528E-02
14	4	345.00	2	-2.039E+05	7.969E+03	7.401E+03	0.000E+00	8.981E+05	-9.584E+05	1.390E-02	1.298E-02
14	4	345.00	3	-2.039E+05	7.969E+03	-7.436E+03	0.000E+00	-9.018E+05	-9.584E+05	1.390E-02	-1.304E-02
14	4	345.00	4	-2.039E+05	7.969E+03	-8.745E+03	0.000E+00	-1.061E+06	-9.584E+05	1.390E-02	-1.534E-02
14	4	345.00	5	-2.039E+05	7.969E+03	8.745E+03	0.000E+00	1.061E+06	-9.584E+05	1.390E-02	1.534E-02
14	4	345.00	6	-2.039E+05	7.969E+03	7.436E+03	0.000E+00	9.018E+05	-9.584E+05	1.390E-02	1.304E-02
14	4	345.00	7	-2.039E+05	7.969E+03	-7.401E+03	0.000E+00	-8.981E+05	-9.584E+05	1.390E-02	-1.298E-02
14	4	345.00	8	-2.039E+05	7.969E+03	-8.710E+03	0.000E+00	-1.058E+06	-9.584E+05	1.390E-02	-1.528E-02
14	4	345.00	9	-2.039E+05	-9.002E+03	8.710E+03	0.000E+00	1.058E+06	1.086E+06	-1.573E-02	1.528E-02
14	4	345.00	10	-2.039E+05	-9.002E+03	7.401E+03	0.000E+00	8.981E+05	1.086E+06	-1.573E-02	1.298E-02
14	4	345.00	11	-2.039E+05	-9.002E+03	-7.436E+03	0.000E+00	-9.018E+05	1.086E+06	-1.573E-02	-1.304E-02
14	4	345.00	12	-2.039E+05	-9.002E+03	-8.745E+03	0.000E+00	-1.061E+06	1.086E+06	-1.573E-02	-1.534E-02
14	4	345.00	13	-2.039E+05	-9.002E+03	8.745E+03	0.000E+00	1.061E+06	1.086E+06	-1.573E-02	1.534E-02
14	4	345.00	14	-2.039E+05	-9.002E+03	7.436E+03	0.000E+00	9.018E+05	1.086E+06	-1.573E-02	1.304E-02
14	4	345.00	15	-2.039E+05	-9.002E+03	-7.401E+03	0.000E+00	-8.981E+05	1.086E+06	-1.573E-02	-1.298E-02
14	4	345.00	16	-2.039E+05	-9.002E+03	-8.710E+03	0.000E+00	-1.058E+06	1.086E+06	-1.573E-02	-1.528E-02
14	5	460.00	1	-2.007E+05	7.969E+03	8.710E+03	0.000E+00	5.675E+04	-4.202E+04	2.144E-10	-5.550E-09
14	5	460.00	2	-2.007E+05	7.969E+03	7.401E+03	0.000E+00	4.779E+04	-4.202E+04	2.144E-10	-4.697E-09
14	5	460.00	3	-2.007E+05	7.969E+03	-7.436E+03	0.000E+00	-4.752E+04	-4.202E+04	2.144E-10	4.686E-09
14	5	460.00	4	-2.007E+05	7.969E+03	-8.745E+03	0.000E+00	-5.647E+04	-4.202E+04	2.144E-10	5.539E-09
14	5	460.00	5	-2.007E+05	7.969E+03	8.745E+03	0.000E+00	5.647E+04	-4.202E+04	2.144E-10	-5.539E-09
14	5	460.00	6	-2.007E+05	7.969E+03	7.436E+03	0.000E+00	4.752E+04	-4.202E+04	2.144E-10	-4.686E-09
14	5	460.00	7	-2.007E+05	7.969E+03	-7.401E+03	0.000E+00	-4.779E+04	-4.202E+04	2.144E-10	4.697E-09
14	5	460.00	8	-2.007E+05	7.969E+03	-8.710E+03	0.000E+00	-5.675E+04	-4.202E+04	2.144E-10	5.550E-09
14	5	460.00	9	-2.007E+05	-9.002E+03	8.710E+03	0.000E+00	5.675E+04	5.043E+04	-3.910E-10	-5.550E-09
14	5	460.00	10	-2.007E+05	-9.002E+03	7.401E+03	0.000E+00	4.779E+04	5.043E+04	-3.910E-10	-4.697E-09
14	5	460.00	11	-2.007E+05	-9.002E+03	-7.436E+03	0.000E+00	-4.752E+04	5.043E+04	-3.910E-10	4.686E-09
14	5	460.00	12	-2.007E+05	-9.002E+03	-8.745E+03	0.000E+00	-5.647E+04	5.043E+04	-3.910E-10	5.539E-09
14	5	460.00	13	-2.007E+05	-9.002E+03	8.745E+03	0.000E+00	5.647E+04	5.043E+04	-3.910E-10	-5.539E-09
14	5	460.00	14	-2.007E+05	-9.002E+03	7.436E+03	0.000E+00	4.752E+04	5.043E+04	-3.910E-10	-4.686E-09
14	5	460.00	15	-2.007E+05	-9.002E+03	-7.401E+03	0.000E+00	-4.779E+04	5.043E+04	-3.910E-10	4.697E-09
14	5	460.00	16	-2.007E+05	-9.002E+03	-8.710E+03	0.000E+00	-5.675E+04	5.043E+04	-3.910E-10	5.550E-09
15	1	0.00	1	-2.108E+05	7.415E+03	7.257E+03	0.000E+00	2.663E+06	-2.731E+06	0.000E+00	0.000E+00
15	1	0.00	2	-2.108E+05	7.415E+03	5.733E+03	0.000E+00	2.104E+06	-2.731E+06	0.000E+00	0.000E+00
15	1	0.00	3	-2.108E+05	7.415E+03	-5.799E+03	0.000E+00	-2.128E+06	-2.731E+06	0.000E+00	0.000E+00
15	1	0.00	4	-2.108E+05	7.415E+03	-7.323E+03	0.000E+00	-2.686E+06	-2.731E+06	0.000E+00	0.000E+00
15	1	0.00	5	-2.108E+05	7.415E+03	7.323E+03	0.000E+00	2.686E+06	-2.731E+06	0.000E+00	0.000E+00
15	1	0.00	6	-2.108E+05	7.415E+03	5.799E+03	0.000E+00	2.128E+06	-2.731E+06	0.000E+00	0.000E+00
15	1	0.00	7	-2.108E+05	7.415E+03	-5.733E+03	0.000E+00	-2.104E+06	-2.731E+06	0.000E+00	0.000E+00
15	1	0.00	8	-2.108E+05	7.415E+03	-7.257E+03	0.000E+00	-2.663E+06	-2.731E+06	0.000E+00	0.000E+00
15	1	0.00	9	-2.108E+05	-9.676E+03	7.257E+03	0.000E+00	2.663E+06	3.562E+06	0.000E+00	0.000E+00
15	1	0.00	10	-2.108E+05	-9.676E+03	5.733E+03	0.000E+00	2.104E+06	3.562E+06	0.000E+00	0.000E+00
15	1	0.00	11	-2.108E+05	-9.676E+03	-5.799E+03	0.000E+00	-2.128E+06	3.562E+06	0.000E+00	0.000E+00
15	1	0.00	12	-2.108E+05	-9.676E+03	-7.323E+03	0.000E+00	-2.686E+06	3.562E+06	0.000E+00	0.000E+00
15	1	0.00	13	-2.108E+05	-9.676E+03	7.323E+03	0.000E+00	2.686E+06	3.562E+06	0.000E+00	0.000E+00

15	1	0.00	14	-2.108E+05	-9.676E+03	5.799E+03	0.000E+00	2.128E+06	3.562E+06	0.000E+00	0.000E+00
15	1	0.00	15	-2.108E+05	-9.676E+03	-5.733E+03	0.000E+00	-2.104E+06	3.562E+06	0.000E+00	0.000E+00
15	1	0.00	16	-2.108E+05	-9.676E+03	-7.257E+03	0.000E+00	-2.663E+06	3.562E+06	0.000E+00	0.000E+00
15	2	90.00	1	-2.083E+05	7.415E+03	7.257E+03	0.000E+00	2.010E+06	-2.063E+06	8.781E-03	8.542E-03
15	2	90.00	2	-2.083E+05	7.415E+03	5.733E+03	0.000E+00	1.588E+06	-2.063E+06	8.781E-03	6.750E-03
15	2	90.00	3	-2.083E+05	7.415E+03	-5.799E+03	0.000E+00	-1.606E+06	-2.063E+06	8.781E-03	-6.824E-03
15	2	90.00	4	-2.083E+05	7.415E+03	-7.323E+03	0.000E+00	-2.027E+06	-2.063E+06	8.781E-03	-8.616E-03
15	2	90.00	5	-2.083E+05	7.415E+03	7.323E+03	0.000E+00	2.027E+06	-2.063E+06	8.781E-03	8.616E-03
15	2	90.00	6	-2.083E+05	7.415E+03	5.799E+03	0.000E+00	1.606E+06	-2.063E+06	8.781E-03	6.824E-03
15	2	90.00	7	-2.083E+05	7.415E+03	-5.733E+03	0.000E+00	-1.588E+06	-2.063E+06	8.781E-03	-6.750E-03
15	2	90.00	8	-2.083E+05	7.415E+03	-7.257E+03	0.000E+00	-2.010E+06	-2.063E+06	8.781E-03	-8.542E-03
15	2	90.00	9	-2.083E+05	-9.676E+03	7.257E+03	0.000E+00	2.010E+06	2.691E+06	-1.145E-02	8.542E-03
15	2	90.00	10	-2.083E+05	-9.676E+03	5.733E+03	0.000E+00	1.588E+06	2.691E+06	-1.145E-02	6.750E-03
15	2	90.00	11	-2.083E+05	-9.676E+03	-5.799E+03	0.000E+00	-1.606E+06	2.691E+06	-1.145E-02	-6.824E-03
15	2	90.00	12	-2.083E+05	-9.676E+03	-7.323E+03	0.000E+00	-2.027E+06	2.691E+06	-1.145E-02	-8.616E-03
15	2	90.00	13	-2.083E+05	-9.676E+03	7.323E+03	0.000E+00	2.027E+06	2.691E+06	-1.145E-02	8.616E-03
15	2	90.00	14	-2.083E+05	-9.676E+03	5.799E+03	0.000E+00	1.606E+06	2.691E+06	-1.145E-02	6.824E-03
15	2	90.00	15	-2.083E+05	-9.676E+03	-5.733E+03	0.000E+00	-1.588E+06	2.691E+06	-1.145E-02	-6.750E-03
15	2	90.00	16	-2.083E+05	-9.676E+03	-7.257E+03	0.000E+00	-2.010E+06	2.691E+06	-1.145E-02	-8.542E-03
15	3	180.00	1	-2.058E+05	7.415E+03	7.257E+03	0.000E+00	1.357E+06	-1.396E+06	1.010E-02	9.814E-03
15	3	180.00	2	-2.058E+05	7.415E+03	5.733E+03	0.000E+00	1.072E+06	-1.396E+06	1.010E-02	7.756E-03
15	3	180.00	3	-2.058E+05	7.415E+03	-5.799E+03	0.000E+00	-1.084E+06	-1.396E+06	1.010E-02	-7.841E-03
15	3	180.00	4	-2.058E+05	7.415E+03	-7.323E+03	0.000E+00	-1.368E+06	-1.396E+06	1.010E-02	-9.899E-03
15	3	180.00	5	-2.058E+05	7.415E+03	7.323E+03	0.000E+00	1.368E+06	-1.396E+06	1.010E-02	9.899E-03
15	3	180.00	6	-2.058E+05	7.415E+03	5.799E+03	0.000E+00	1.084E+06	-1.396E+06	1.010E-02	7.841E-03
15	3	180.00	7	-2.058E+05	7.415E+03	-5.733E+03	0.000E+00	-1.072E+06	-1.396E+06	1.010E-02	-7.756E-03
15	3	180.00	8	-2.058E+05	7.415E+03	-7.257E+03	0.000E+00	-1.357E+06	-1.396E+06	1.010E-02	-9.814E-03
15	3	180.00	9	-2.058E+05	-9.676E+03	7.257E+03	0.000E+00	1.357E+06	1.820E+06	-1.317E-02	9.814E-03
15	3	180.00	10	-2.058E+05	-9.676E+03	5.733E+03	0.000E+00	1.072E+06	1.820E+06	-1.317E-02	7.756E-03
15	3	180.00	11	-2.058E+05	-9.676E+03	-5.799E+03	0.000E+00	-1.084E+06	1.820E+06	-1.317E-02	-7.841E-03
15	3	180.00	12	-2.058E+05	-9.676E+03	-7.323E+03	0.000E+00	-1.368E+06	1.820E+06	-1.317E-02	-9.899E-03
15	3	180.00	13	-2.058E+05	-9.676E+03	7.323E+03	0.000E+00	1.368E+06	1.820E+06	-1.317E-02	9.899E-03
15	3	180.00	14	-2.058E+05	-9.676E+03	5.799E+03	0.000E+00	1.084E+06	1.820E+06	-1.317E-02	7.841E-03
15	3	180.00	15	-2.058E+05	-9.676E+03	-5.733E+03	0.000E+00	-1.072E+06	1.820E+06	-1.317E-02	-7.756E-03
15	3	180.00	16	-2.058E+05	-9.676E+03	-7.257E+03	0.000E+00	-1.357E+06	1.820E+06	-1.317E-02	-9.814E-03
15	4	270.00	1	-2.032E+05	7.415E+03	7.257E+03	0.000E+00	7.035E+05	-7.286E+05	6.367E-03	6.179E-03
15	4	270.00	2	-2.032E+05	7.415E+03	5.733E+03	0.000E+00	5.561E+05	-7.286E+05	6.367E-03	4.883E-03
15	4	270.00	3	-2.032E+05	7.415E+03	-5.799E+03	0.000E+00	-5.620E+05	-7.286E+05	6.367E-03	-4.937E-03
15	4	270.00	4	-2.032E+05	7.415E+03	-7.323E+03	0.000E+00	-7.093E+05	-7.286E+05	6.367E-03	-6.232E-03
15	4	270.00	5	-2.032E+05	7.415E+03	7.323E+03	0.000E+00	7.093E+05	-7.286E+05	6.367E-03	6.232E-03
15	4	270.00	6	-2.032E+05	7.415E+03	5.799E+03	0.000E+00	5.620E+05	-7.286E+05	6.367E-03	4.937E-03
15	4	270.00	7	-2.032E+05	7.415E+03	-5.733E+03	0.000E+00	-5.561E+05	-7.286E+05	6.367E-03	-4.883E-03
15	4	270.00	8	-2.032E+05	7.415E+03	-7.257E+03	0.000E+00	-7.035E+05	-7.286E+05	6.367E-03	-6.179E-03
15	4	270.00	9	-2.032E+05	-9.676E+03	7.257E+03	0.000E+00	7.035E+05	9.491E+05	-8.300E-03	6.179E-03
15	4	270.00	10	-2.032E+05	-9.676E+03	5.733E+03	0.000E+00	5.561E+05	9.491E+05	-8.300E-03	4.883E-03
15	4	270.00	11	-2.032E+05	-9.676E+03	-5.799E+03	0.000E+00	-5.620E+05	9.491E+05	-8.300E-03	-4.937E-03
15	4	270.00	12	-2.032E+05	-9.676E+03	-7.323E+03	0.000E+00	-7.093E+05	9.491E+05	-8.300E-03	-6.232E-03
15	4	270.00	13	-2.032E+05	-9.676E+03	7.323E+03	0.000E+00	7.093E+05	9.491E+05	-8.300E-03	6.232E-03
15	4	270.00	14	-2.032E+05	-9.676E+03	5.799E+03	0.000E+00	5.620E+05	9.491E+05	-8.300E-03	4.937E-03
15	4	270.00	15	-2.032E+05	-9.676E+03	-5.733E+03	0.000E+00	-5.561E+05	9.491E+05	-8.300E-03	-4.883E-03
15	4	270.00	16	-2.032E+05	-9.676E+03	-7.257E+03	0.000E+00	-7.035E+05	9.491E+05	-8.300E-03	-6.179E-03
15	5	360.00	1	-2.007E+05	7.415E+03	7.257E+03	0.000E+00	5.093E+04	-6.125E+04	-7.009E-10	-5.823E-10
15	5	360.00	2	-2.007E+05	7.415E+03	5.733E+03	0.000E+00	4.068E+04	-6.125E+04	-7.009E-10	-4.727E-10
15	5	360.00	3	-2.007E+05	7.415E+03	-5.799E+03	0.000E+00	-4.067E+04	-6.125E+04	-7.009E-10	4.636E-10
15	5	360.00	4	-2.007E+05	7.415E+03	-7.323E+03	0.000E+00	-5.092E+04	-6.125E+04	-7.009E-10	5.732E-10
15	5	360.00	5	-2.007E+05	7.415E+03	7.323E+03	0.000E+00	5.092E+04	-6.125E+04	-7.009E-10	-5.732E-10
15	5	360.00	6	-2.007E+05	7.415E+03	5.799E+03	0.000E+00	4.067E+04	-6.125E+04	-7.009E-10	-4.636E-10
15	5	360.00	7	-2.007E+05	7.415E+03	-5.733E+03	0.000E+00	-4.068E+04	-6.125E+04	-7.009E-10	4.727E-10
15	5	360.00	8	-2.007E+05	7.415E+03	-7.257E+03	0.000E+00	-5.093E+04	-6.125E+04	-7.009E-10	5.823E-10
15	5	360.00	9	-2.007E+05	-9.676E+03	7.257E+03	0.000E+00	5.093E+04	7.831E+04	5.537E-10	-5.823E-10
15	5	360.00	10	-2.007E+05	-9.676E+03	5.733E+03	0.000E+00	4.068E+04	7.831E+04	5.537E-10	-4.727E-10
15	5	360.00	11	-2.007E+05	-9.676E+03	-5.799E+03	0.000E+00	-4.067E+04	7.831E+04	5.537E-10	4.636E-10

15	5	360.00	12	-2.007E+05	-9.676E+03	-7.323E+03	0.000E+00	-5.092E+04	7.831E+04	5.537E-10	5.732E-10
15	5	360.00	13	-2.007E+05	-9.676E+03	7.323E+03	0.000E+00	5.092E+04	7.831E+04	5.537E-10	-5.732E-10
15	5	360.00	14	-2.007E+05	-9.676E+03	5.799E+03	0.000E+00	4.067E+04	7.831E+04	5.537E-10	-4.636E-10
15	5	360.00	15	-2.007E+05	-9.676E+03	-5.733E+03	0.000E+00	-4.068E+04	7.831E+04	5.537E-10	4.727E-10
15	5	360.00	16	-2.007E+05	-9.676E+03	-7.257E+03	0.000E+00	-5.093E+04	7.831E+04	5.537E-10	5.823E-10
197	1	0.00	1	-1.203E+02	-1.744E-01	-1.560E+01	-1.018E-11	-6.768E-09	4.805E-08	0.000E+00	0.000E+00
197	1	0.00	2	-1.203E+02	-1.744E-01	-1.689E+01	-1.078E-11	-6.954E-09	4.795E-08	0.000E+00	0.000E+00
197	1	0.00	3	-1.203E+02	-1.744E-01	1.689E+01	1.123E-11	6.697E-09	5.324E-08	0.000E+00	0.000E+00
197	1	0.00	4	-1.203E+02	-1.744E-01	1.560E+01	1.063E-11	6.510E-09	5.314E-08	0.000E+00	0.000E+00
197	1	0.00	5	-1.310E+02	-1.898E-01	-1.560E+01	-1.038E-11	-6.690E-09	4.805E-08	0.000E+00	0.000E+00
197	1	0.00	6	-1.310E+02	-1.898E-01	-1.689E+01	-1.098E-11	-6.877E-09	4.796E-08	0.000E+00	0.000E+00
197	1	0.00	7	-1.310E+02	-1.898E-01	1.689E+01	1.103E-11	6.775E-09	5.324E-08	0.000E+00	0.000E+00
197	1	0.00	8	-1.310E+02	-1.898E-01	1.560E+01	1.043E-11	6.588E-09	5.315E-08	0.000E+00	0.000E+00
197	1	0.00	9	1.310E+02	1.898E-01	-1.560E+01	-1.013E-11	-6.716E-09	6.131E-08	0.000E+00	0.000E+00
197	1	0.00	10	1.310E+02	1.898E-01	-1.689E+01	-1.074E-11	-6.903E-09	6.122E-08	0.000E+00	0.000E+00
197	1	0.00	11	1.310E+02	1.898E-01	1.689E+01	1.127E-11	6.749E-09	6.650E-08	0.000E+00	0.000E+00
197	1	0.00	12	1.310E+02	1.898E-01	1.560E+01	1.067E-11	6.562E-09	6.641E-08	0.000E+00	0.000E+00
197	1	0.00	13	1.203E+02	1.744E-01	-1.560E+01	-1.033E-11	-6.638E-09	6.131E-08	0.000E+00	0.000E+00
197	1	0.00	14	1.203E+02	1.744E-01	-1.689E+01	-1.094E-11	-6.825E-09	6.122E-08	0.000E+00	0.000E+00
197	1	0.00	15	1.203E+02	1.744E-01	1.689E+01	1.107E-11	6.826E-09	6.650E-08	0.000E+00	0.000E+00
197	1	0.00	16	1.203E+02	1.744E-01	1.560E+01	1.047E-11	6.640E-09	6.641E-08	0.000E+00	0.000E+00
197	2	17.25	1	-1.199E+02	-2.922E+02	-1.560E+01	-1.018E-11	2.691E+02	-2.522E+03	-9.561E-06	5.408E-08
197	2	17.25	2	-1.199E+02	-2.922E+02	-1.689E+01	-1.078E-11	2.913E+02	-2.522E+03	-9.561E-06	5.854E-08
197	2	17.25	3	-1.199E+02	-2.922E+02	1.689E+01	1.123E-11	-2.913E+02	-2.522E+03	-9.561E-06	-5.854E-08
197	2	17.25	4	-1.199E+02	-2.922E+02	1.560E+01	1.063E-11	-2.691E+02	-2.522E+03	-9.561E-06	-5.408E-08
197	2	17.25	5	-1.306E+02	-2.922E+02	-1.560E+01	-1.038E-11	2.691E+02	-2.522E+03	-9.561E-06	5.408E-08
197	2	17.25	6	-1.306E+02	-2.922E+02	-1.689E+01	-1.098E-11	2.913E+02	-2.522E+03	-9.561E-06	5.854E-08
197	2	17.25	7	-1.306E+02	-2.922E+02	1.689E+01	1.103E-11	-2.913E+02	-2.522E+03	-9.561E-06	-5.854E-08
197	2	17.25	8	-1.306E+02	-2.922E+02	1.560E+01	1.043E-11	-2.691E+02	-2.522E+03	-9.561E-06	-5.408E-08
197	2	17.25	9	1.314E+02	-2.918E+02	-1.560E+01	-1.013E-11	2.691E+02	-2.515E+03	-9.561E-06	5.408E-08
197	2	17.25	10	1.314E+02	-2.918E+02	-1.689E+01	-1.074E-11	2.913E+02	-2.515E+03	-9.561E-06	5.854E-08
197	2	17.25	11	1.314E+02	-2.918E+02	1.689E+01	1.127E-11	-2.913E+02	-2.515E+03	-9.561E-06	-5.854E-08
197	2	17.25	12	1.314E+02	-2.918E+02	1.560E+01	1.067E-11	-2.691E+02	-2.515E+03	-9.561E-06	-5.408E-08
197	2	17.25	13	1.207E+02	-2.918E+02	-1.560E+01	-1.033E-11	2.691E+02	-2.515E+03	-9.561E-06	5.408E-08
197	2	17.25	14	1.207E+02	-2.918E+02	-1.689E+01	-1.094E-11	2.913E+02	-2.515E+03	-9.561E-06	5.854E-08
197	2	17.25	15	1.207E+02	-2.918E+02	1.689E+01	1.107E-11	-2.913E+02	-2.515E+03	-9.561E-06	-5.854E-08
197	2	17.25	16	1.207E+02	-2.918E+02	1.560E+01	1.047E-11	-2.691E+02	-2.515E+03	-9.561E-06	-5.408E-08
197	3	34.50	1	-1.195E+02	-5.842E+02	-1.560E+01	-1.018E-11	5.382E+02	-1.008E+04	-1.254E-05	8.652E-08
197	3	34.50	2	-1.195E+02	-5.842E+02	-1.689E+01	-1.078E-11	5.827E+02	-1.008E+04	-1.254E-05	9.366E-08
197	3	34.50	3	-1.195E+02	-5.842E+02	1.689E+01	1.123E-11	-5.827E+02	-1.008E+04	-1.254E-05	-9.366E-08
197	3	34.50	4	-1.195E+02	-5.842E+02	1.560E+01	1.063E-11	-5.382E+02	-1.008E+04	-1.254E-05	-8.652E-08
197	3	34.50	5	-1.301E+02	-5.842E+02	-1.560E+01	-1.038E-11	5.382E+02	-1.008E+04	-1.254E-05	8.652E-08
197	3	34.50	6	-1.301E+02	-5.842E+02	-1.689E+01	-1.098E-11	5.827E+02	-1.008E+04	-1.254E-05	9.366E-08
197	3	34.50	7	-1.301E+02	-5.842E+02	1.689E+01	1.103E-11	-5.827E+02	-1.008E+04	-1.254E-05	-9.366E-08
197	3	34.50	8	-1.301E+02	-5.842E+02	1.560E+01	1.043E-11	-5.382E+02	-1.008E+04	-1.254E-05	-8.652E-08
197	3	34.50	9	1.318E+02	-5.838E+02	-1.560E+01	-1.013E-11	5.382E+02	-1.007E+04	-1.254E-05	8.652E-08
197	3	34.50	10	1.318E+02	-5.838E+02	-1.689E+01	-1.074E-11	5.827E+02	-1.007E+04	-1.254E-05	9.366E-08
197	3	34.50	11	1.318E+02	-5.838E+02	1.689E+01	1.127E-11	-5.827E+02	-1.007E+04	-1.254E-05	-9.366E-08
197	3	34.50	12	1.318E+02	-5.838E+02	1.560E+01	1.067E-11	-5.382E+02	-1.007E+04	-1.254E-05	-8.652E-08
197	3	34.50	13	1.212E+02	-5.838E+02	-1.560E+01	-1.033E-11	5.382E+02	-1.007E+04	-1.254E-05	8.652E-08
197	3	34.50	14	1.212E+02	-5.838E+02	-1.689E+01	-1.094E-11	5.827E+02	-1.007E+04	-1.254E-05	9.366E-08
197	3	34.50	15	1.212E+02	-5.838E+02	1.689E+01	1.107E-11	-5.827E+02	-1.007E+04	-1.254E-05	-9.366E-08
197	3	34.50	16	1.212E+02	-5.838E+02	1.560E+01	1.047E-11	-5.382E+02	-1.007E+04	-1.254E-05	-8.652E-08
197	4	51.75	1	-1.190E+02	-8.762E+02	-1.560E+01	-1.018E-11	8.073E+02	-2.268E+04	-9.208E-06	7.571E-08
197	4	51.75	2	-1.190E+02	-8.762E+02	-1.689E+01	-1.078E-11	8.740E+02	-2.268E+04	-9.208E-06	8.196E-08
197	4	51.75	3	-1.190E+02	-8.762E+02	1.689E+01	1.123E-11	-8.740E+02	-2.268E+04	-9.208E-06	-8.196E-08
197	4	51.75	4	-1.190E+02	-8.762E+02	1.560E+01	1.063E-11	-8.073E+02	-2.268E+04	-9.208E-06	-7.571E-08
197	4	51.75	5	-1.297E+02	-8.762E+02	-1.560E+01	-1.038E-11	8.073E+02	-2.268E+04	-9.208E-06	7.571E-08
197	4	51.75	6	-1.297E+02	-8.762E+02	-1.689E+01	-1.098E-11	8.740E+02	-2.268E+04	-9.208E-06	8.196E-08
197	4	51.75	7	-1.297E+02	-8.762E+02	1.689E+01	1.103E-11	-8.740E+02	-2.268E+04	-9.208E-06	-8.196E-08
197	4	51.75	8	-1.297E+02	-8.762E+02	1.560E+01	1.043E-11	-8.073E+02	-2.268E+04	-9.208E-06	-7.571E-08
197	4	51.75	9	1.323E+02	-8.758E+02	-1.560E+01	-1.013E-11	8.073E+02	-2.266E+04	-9.209E-06	7.571E-08

197	4	51.75	10	1.323E+02	-8.758E+02	-1.689E+01	-1.074E-11	8.740E+02	-2.266E+04	-9.209E-06	8.196E-08
197	4	51.75	11	1.323E+02	-8.758E+02	1.689E+01	1.127E-11	-8.740E+02	-2.266E+04	-9.209E-06	-8.196E-08
197	4	51.75	12	1.323E+02	-8.758E+02	1.560E+01	1.067E-11	-8.073E+02	-2.266E+04	-9.209E-06	-7.571E-08
197	4	51.75	13	1.216E+02	-8.758E+02	-1.560E+01	-1.033E-11	8.073E+02	-2.266E+04	-9.209E-06	7.571E-08
197	4	51.75	14	1.216E+02	-8.758E+02	-1.689E+01	-1.094E-11	8.740E+02	-2.266E+04	-9.209E-06	8.196E-08
197	4	51.75	15	1.216E+02	-8.758E+02	1.689E+01	1.107E-11	-8.740E+02	-2.266E+04	-9.209E-06	-8.196E-08
197	4	51.75	16	1.216E+02	-8.758E+02	1.560E+01	1.047E-11	-8.073E+02	-2.266E+04	-9.209E-06	-7.571E-08
197	5	69.00	1	-1.186E+02	-1.168E+03	-1.560E+01	-1.018E-11	1.076E+03	-4.031E+04	-1.345E-14	-5.452E-15
197	5	69.00	2	-1.186E+02	-1.168E+03	-1.689E+01	-1.078E-11	1.165E+03	-4.031E+04	-1.345E-14	-4.856E-15
197	5	69.00	3	-1.186E+02	-1.168E+03	1.689E+01	1.123E-11	-1.165E+03	-4.031E+04	-1.345E-14	4.856E-15
197	5	69.00	4	-1.186E+02	-1.168E+03	1.560E+01	1.063E-11	-1.076E+03	-4.031E+04	-1.345E-14	5.452E-15
197	5	69.00	5	-1.293E+02	-1.168E+03	-1.560E+01	-1.038E-11	1.076E+03	-4.031E+04	-1.345E-14	-5.452E-15
197	5	69.00	6	-1.293E+02	-1.168E+03	-1.689E+01	-1.098E-11	1.165E+03	-4.031E+04	-1.345E-14	-4.856E-15
197	5	69.00	7	-1.293E+02	-1.168E+03	1.689E+01	1.103E-11	-1.165E+03	-4.031E+04	-1.345E-14	4.856E-15
197	5	69.00	8	-1.293E+02	-1.168E+03	1.560E+01	1.043E-11	-1.076E+03	-4.031E+04	-1.345E-14	5.452E-15
197	5	69.00	9	1.327E+02	-1.168E+03	-1.560E+01	-1.013E-11	1.076E+03	-4.028E+04	-1.338E-14	-5.452E-15
197	5	69.00	10	1.327E+02	-1.168E+03	-1.689E+01	-1.074E-11	1.165E+03	-4.028E+04	-1.338E-14	-4.856E-15
197	5	69.00	11	1.327E+02	-1.168E+03	1.689E+01	1.127E-11	-1.165E+03	-4.028E+04	-1.338E-14	4.856E-15
197	5	69.00	12	1.327E+02	-1.168E+03	1.560E+01	1.067E-11	-1.076E+03	-4.028E+04	-1.338E-14	5.452E-15
197	5	69.00	13	1.220E+02	-1.168E+03	-1.560E+01	-1.033E-11	1.076E+03	-4.028E+04	-1.338E-14	-5.452E-15
197	5	69.00	14	1.220E+02	-1.168E+03	-1.689E+01	-1.094E-11	1.165E+03	-4.028E+04	-1.338E-14	-4.856E-15
197	5	69.00	15	1.220E+02	-1.168E+03	1.689E+01	1.107E-11	-1.165E+03	-4.028E+04	-1.338E-14	4.856E-15
197	5	69.00	16	1.220E+02	-1.168E+03	1.560E+01	1.047E-11	-1.076E+03	-4.028E+04	-1.338E-14	5.452E-15
198	1	0.00	1	-1.310E+02	-1.898E-01	-1.560E+01	-1.045E-11	-4.846E-09	5.936E-08	0.000E+00	0.000E+00
198	1	0.00	2	-1.310E+02	-1.898E-01	-1.689E+01	-1.106E-11	-5.002E-09	5.935E-08	0.000E+00	0.000E+00
198	1	0.00	3	-1.310E+02	-1.898E-01	1.689E+01	1.101E-11	5.278E-09	4.889E-08	0.000E+00	0.000E+00
198	1	0.00	4	-1.310E+02	-1.898E-01	1.560E+01	1.040E-11	5.123E-09	4.887E-08	0.000E+00	0.000E+00
198	1	0.00	5	-1.203E+02	-1.744E-01	-1.560E+01	-1.065E-11	-4.846E-09	5.936E-08	0.000E+00	0.000E+00
198	1	0.00	6	-1.203E+02	-1.744E-01	-1.689E+01	-1.125E-11	-5.002E-09	5.935E-08	0.000E+00	0.000E+00
198	1	0.00	7	-1.203E+02	-1.744E-01	1.689E+01	1.081E-11	5.278E-09	4.889E-08	0.000E+00	0.000E+00
198	1	0.00	8	-1.203E+02	-1.744E-01	1.560E+01	1.021E-11	5.123E-09	4.887E-08	0.000E+00	0.000E+00
198	1	0.00	9	1.203E+02	1.744E-01	-1.560E+01	-1.050E-11	-4.717E-09	6.931E-08	0.000E+00	0.000E+00
198	1	0.00	10	1.203E+02	1.744E-01	-1.689E+01	-1.110E-11	-4.872E-09	6.930E-08	0.000E+00	0.000E+00
198	1	0.00	11	1.203E+02	1.744E-01	1.689E+01	1.096E-11	5.408E-09	5.883E-08	0.000E+00	0.000E+00
198	1	0.00	12	1.203E+02	1.744E-01	1.560E+01	1.036E-11	5.252E-09	5.882E-08	0.000E+00	0.000E+00
198	1	0.00	13	1.310E+02	1.898E-01	-1.560E+01	-1.070E-11	-4.717E-09	6.931E-08	0.000E+00	0.000E+00
198	1	0.00	14	1.310E+02	1.898E-01	-1.689E+01	-1.130E-11	-4.872E-09	6.929E-08	0.000E+00	0.000E+00
198	1	0.00	15	1.310E+02	1.898E-01	1.689E+01	1.076E-11	5.408E-09	5.883E-08	0.000E+00	0.000E+00
198	1	0.00	16	1.310E+02	1.898E-01	1.560E+01	1.016E-11	5.252E-09	5.882E-08	0.000E+00	0.000E+00
198	2	17.25	1	-1.306E+02	-2.922E+02	-1.560E+01	-1.045E-11	2.691E+02	-2.522E+03	-9.561E-06	5.408E-08
198	2	17.25	2	-1.306E+02	-2.922E+02	-1.689E+01	-1.106E-11	2.913E+02	-2.522E+03	-9.561E-06	5.854E-08
198	2	17.25	3	-1.306E+02	-2.922E+02	1.689E+01	1.101E-11	-2.913E+02	-2.522E+03	-9.561E-06	-5.854E-08
198	2	17.25	4	-1.306E+02	-2.922E+02	1.560E+01	1.040E-11	-2.691E+02	-2.522E+03	-9.561E-06	-5.408E-08
198	2	17.25	5	-1.199E+02	-2.922E+02	-1.560E+01	-1.065E-11	2.691E+02	-2.522E+03	-9.561E-06	5.408E-08
198	2	17.25	6	-1.199E+02	-2.922E+02	-1.689E+01	-1.125E-11	2.913E+02	-2.522E+03	-9.561E-06	5.854E-08
198	2	17.25	7	-1.199E+02	-2.922E+02	1.689E+01	1.081E-11	-2.913E+02	-2.522E+03	-9.561E-06	-5.854E-08
198	2	17.25	8	-1.199E+02	-2.922E+02	1.560E+01	1.021E-11	-2.691E+02	-2.522E+03	-9.561E-06	-5.408E-08
198	2	17.25	9	1.207E+02	-2.918E+02	-1.560E+01	-1.050E-11	2.691E+02	-2.515E+03	-9.561E-06	5.408E-08
198	2	17.25	10	1.207E+02	-2.918E+02	-1.689E+01	-1.110E-11	2.913E+02	-2.515E+03	-9.561E-06	5.854E-08
198	2	17.25	11	1.207E+02	-2.918E+02	1.689E+01	1.096E-11	-2.913E+02	-2.515E+03	-9.561E-06	-5.854E-08
198	2	17.25	12	1.207E+02	-2.918E+02	1.560E+01	1.036E-11	-2.691E+02	-2.515E+03	-9.561E-06	-5.408E-08
198	2	17.25	13	1.314E+02	-2.918E+02	-1.560E+01	-1.070E-11	2.691E+02	-2.515E+03	-9.561E-06	5.408E-08
198	2	17.25	14	1.314E+02	-2.918E+02	-1.689E+01	-1.130E-11	2.913E+02	-2.515E+03	-9.561E-06	5.854E-08
198	2	17.25	15	1.314E+02	-2.918E+02	1.689E+01	1.076E-11	-2.913E+02	-2.515E+03	-9.561E-06	-5.854E-08
198	2	17.25	16	1.314E+02	-2.918E+02	1.560E+01	1.016E-11	-2.691E+02	-2.515E+03	-9.561E-06	-5.408E-08
198	3	34.50	1	-1.301E+02	-5.842E+02	-1.560E+01	-1.045E-11	5.382E+02	-1.008E+04	-1.254E-05	8.652E-08
198	3	34.50	2	-1.301E+02	-5.842E+02	-1.689E+01	-1.106E-11	5.827E+02	-1.008E+04	-1.254E-05	9.366E-08
198	3	34.50	3	-1.301E+02	-5.842E+02	1.689E+01	1.101E-11	-5.827E+02	-1.008E+04	-1.254E-05	-9.366E-08
198	3	34.50	4	-1.301E+02	-5.842E+02	1.560E+01	1.040E-11	-5.382E+02	-1.008E+04	-1.254E-05	-8.652E-08
198	3	34.50	5	-1.195E+02	-5.842E+02	-1.560E+01	-1.065E-11	5.382E+02	-1.008E+04	-1.254E-05	8.652E-08
198	3	34.50	6	-1.195E+02	-5.842E+02	-1.689E+01	-1.125E-11	5.827E+02	-1.008E+04	-1.254E-05	9.366E-08
198	3	34.50	7	-1.195E+02	-5.842E+02	1.689E+01	1.081E-11	-5.827E+02	-1.008E+04	-1.254E-05	-9.366E-08

198	3	34.50	8	-1.195E+02	-5.842E+02	1.560E+01	1.021E-11	-5.382E+02	-1.008E+04	-1.254E-05	-8.652E-08
198	3	34.50	9	1.212E+02	-5.838E+02	-1.560E+01	-1.050E-11	5.382E+02	-1.007E+04	-1.254E-05	8.652E-08
198	3	34.50	10	1.212E+02	-5.838E+02	-1.689E+01	-1.110E-11	5.827E+02	-1.007E+04	-1.254E-05	9.366E-08
198	3	34.50	11	1.212E+02	-5.838E+02	1.689E+01	1.096E-11	-5.827E+02	-1.007E+04	-1.254E-05	-9.366E-08
198	3	34.50	12	1.212E+02	-5.838E+02	1.560E+01	1.036E-11	-5.382E+02	-1.007E+04	-1.254E-05	-8.652E-08
198	3	34.50	13	1.318E+02	-5.838E+02	-1.560E+01	-1.070E-11	5.382E+02	-1.007E+04	-1.254E-05	8.652E-08
198	3	34.50	14	1.318E+02	-5.838E+02	-1.689E+01	-1.130E-11	5.827E+02	-1.007E+04	-1.254E-05	9.366E-08
198	3	34.50	15	1.318E+02	-5.838E+02	1.689E+01	1.076E-11	-5.827E+02	-1.007E+04	-1.254E-05	-9.366E-08
198	3	34.50	16	1.318E+02	-5.838E+02	1.560E+01	1.016E-11	-5.382E+02	-1.007E+04	-1.254E-05	-8.652E-08
198	4	51.75	1	-1.297E+02	-8.762E+02	-1.560E+01	-1.045E-11	8.073E+02	-2.268E+04	-9.208E-06	7.571E-08
198	4	51.75	2	-1.297E+02	-8.762E+02	-1.689E+01	-1.106E-11	8.740E+02	-2.268E+04	-9.208E-06	8.196E-08
198	4	51.75	3	-1.297E+02	-8.762E+02	1.689E+01	1.101E-11	-8.740E+02	-2.268E+04	-9.208E-06	-8.196E-08
198	4	51.75	4	-1.297E+02	-8.762E+02	1.560E+01	1.040E-11	-8.073E+02	-2.268E+04	-9.208E-06	-7.571E-08
198	4	51.75	5	-1.190E+02	-8.762E+02	-1.560E+01	-1.065E-11	8.073E+02	-2.268E+04	-9.208E-06	7.571E-08
198	4	51.75	6	-1.190E+02	-8.762E+02	-1.689E+01	-1.125E-11	8.740E+02	-2.268E+04	-9.208E-06	8.196E-08
198	4	51.75	7	-1.190E+02	-8.762E+02	1.689E+01	1.081E-11	-8.740E+02	-2.268E+04	-9.208E-06	-8.196E-08
198	4	51.75	8	-1.190E+02	-8.762E+02	1.560E+01	1.021E-11	-8.073E+02	-2.268E+04	-9.208E-06	-7.571E-08
198	4	51.75	9	1.216E+02	-8.758E+02	-1.560E+01	-1.050E-11	8.073E+02	-2.266E+04	-9.209E-06	7.571E-08
198	4	51.75	10	1.216E+02	-8.758E+02	-1.689E+01	-1.110E-11	8.740E+02	-2.266E+04	-9.209E-06	8.196E-08
198	4	51.75	11	1.216E+02	-8.758E+02	1.689E+01	1.096E-11	-8.740E+02	-2.266E+04	-9.209E-06	-8.196E-08
198	4	51.75	12	1.216E+02	-8.758E+02	1.560E+01	1.036E-11	-8.073E+02	-2.266E+04	-9.209E-06	-7.571E-08
198	4	51.75	13	1.323E+02	-8.758E+02	-1.560E+01	-1.070E-11	8.073E+02	-2.266E+04	-9.209E-06	7.571E-08
198	4	51.75	14	1.323E+02	-8.758E+02	-1.689E+01	-1.130E-11	8.740E+02	-2.266E+04	-9.209E-06	8.196E-08
198	4	51.75	15	1.323E+02	-8.758E+02	1.689E+01	1.076E-11	-8.740E+02	-2.266E+04	-9.209E-06	-8.196E-08
198	4	51.75	16	1.323E+02	-8.758E+02	1.560E+01	1.016E-11	-8.073E+02	-2.266E+04	-9.209E-06	-7.571E-08
198	5	69.00	1	-1.293E+02	-1.168E+03	-1.560E+01	-1.045E-11	1.076E+03	-4.031E+04	-1.345E-14	-5.452E-15
198	5	69.00	2	-1.293E+02	-1.168E+03	-1.689E+01	-1.106E-11	1.165E+03	-4.031E+04	-1.345E-14	-4.856E-15
198	5	69.00	3	-1.293E+02	-1.168E+03	1.689E+01	1.101E-11	-1.165E+03	-4.031E+04	-1.345E-14	4.856E-15
198	5	69.00	4	-1.293E+02	-1.168E+03	1.560E+01	1.040E-11	-1.076E+03	-4.031E+04	-1.345E-14	5.452E-15
198	5	69.00	5	-1.186E+02	-1.168E+03	-1.560E+01	-1.065E-11	1.076E+03	-4.031E+04	-1.346E-14	-5.452E-15
198	5	69.00	6	-1.186E+02	-1.168E+03	-1.689E+01	-1.125E-11	1.165E+03	-4.031E+04	-1.346E-14	-4.856E-15
198	5	69.00	7	-1.186E+02	-1.168E+03	1.689E+01	1.081E-11	-1.165E+03	-4.031E+04	-1.346E-14	4.856E-15
198	5	69.00	8	-1.186E+02	-1.168E+03	1.560E+01	1.021E-11	-1.076E+03	-4.031E+04	-1.346E-14	5.452E-15
198	5	69.00	9	1.220E+02	-1.168E+03	-1.560E+01	-1.050E-11	1.076E+03	-4.028E+04	-1.339E-14	-5.452E-15
198	5	69.00	10	1.220E+02	-1.168E+03	-1.689E+01	-1.110E-11	1.165E+03	-4.028E+04	-1.339E-14	-4.856E-15
198	5	69.00	11	1.220E+02	-1.168E+03	1.689E+01	1.096E-11	-1.165E+03	-4.028E+04	-1.339E-14	4.856E-15
198	5	69.00	12	1.220E+02	-1.168E+03	1.560E+01	1.036E-11	-1.076E+03	-4.028E+04	-1.339E-14	5.452E-15
198	5	69.00	13	1.327E+02	-1.168E+03	-1.560E+01	-1.070E-11	1.076E+03	-4.028E+04	-1.339E-14	-5.452E-15
198	5	69.00	14	1.327E+02	-1.168E+03	-1.689E+01	-1.130E-11	1.165E+03	-4.028E+04	-1.339E-14	-4.856E-15
198	5	69.00	15	1.327E+02	-1.168E+03	1.689E+01	1.076E-11	-1.165E+03	-4.028E+04	-1.339E-14	4.856E-15
198	5	69.00	16	1.327E+02	-1.168E+03	1.560E+01	1.016E-11	-1.076E+03	-4.028E+04	-1.339E-14	5.452E-15
199	1	0.00	1	2.876E+04	4.264E+04	2.457E+03	1.259E-01	2.872E+05	-3.129E+04	0.000E+00	0.000E+00
199	1	0.00	2	2.878E+04	4.264E+04	2.537E+03	1.253E-01	2.996E+05	-3.173E+04	0.000E+00	0.000E+00
199	1	0.00	3	3.257E+04	4.267E+04	-8.484E+02	1.023E-01	-2.211E+05	-4.887E+04	0.000E+00	0.000E+00
199	1	0.00	4	3.259E+04	4.267E+04	-7.682E+02	1.017E-01	-2.087E+05	-4.931E+04	0.000E+00	0.000E+00
199	1	0.00	5	2.917E+04	4.264E+04	2.353E+03	1.258E-01	2.209E+05	-3.130E+04	0.000E+00	0.000E+00
199	1	0.00	6	2.919E+04	4.265E+04	2.434E+03	1.252E-01	2.333E+05	-3.175E+04	0.000E+00	0.000E+00
199	1	0.00	7	3.298E+04	4.267E+04	-9.520E+02	1.023E-01	-2.873E+05	-4.889E+04	0.000E+00	0.000E+00
199	1	0.00	8	3.301E+04	4.267E+04	-8.717E+02	1.017E-01	-2.750E+05	-4.933E+04	0.000E+00	0.000E+00
199	1	0.00	9	-3.862E+04	4.262E+04	2.734E+03	1.259E-01	2.894E+05	-3.126E+04	0.000E+00	0.000E+00
199	1	0.00	10	-3.860E+04	4.262E+04	2.814E+03	1.253E-01	3.018E+05	-3.171E+04	0.000E+00	0.000E+00
199	1	0.00	11	-3.481E+04	4.265E+04	-5.718E+02	1.023E-01	-2.189E+05	-4.884E+04	0.000E+00	0.000E+00
199	1	0.00	12	-3.478E+04	4.265E+04	-4.915E+02	1.017E-01	-2.065E+05	-4.929E+04	0.000E+00	0.000E+00
199	1	0.00	13	-3.820E+04	4.262E+04	2.630E+03	1.258E-01	2.231E+05	-3.128E+04	0.000E+00	0.000E+00
199	1	0.00	14	-3.818E+04	4.262E+04	2.710E+03	1.252E-01	2.355E+05	-3.172E+04	0.000E+00	0.000E+00
199	1	0.00	15	-3.439E+04	4.265E+04	-6.754E+02	1.023E-01	-2.852E+05	-4.886E+04	0.000E+00	0.000E+00
199	1	0.00	16	-3.437E+04	4.265E+04	-5.951E+02	1.017E-01	-2.728E+05	-4.931E+04	0.000E+00	0.000E+00
199	2	45.25	1	2.876E+04	4.188E+04	2.457E+03	1.259E-01	1.787E+05	1.881E+06	-1.197E-03	8.958E-05
199	2	45.25	2	2.878E+04	4.188E+04	2.537E+03	1.253E-01	1.875E+05	1.881E+06	-1.197E-03	9.483E-05
199	2	45.25	3	3.257E+04	4.191E+04	-8.484E+02	1.023E-01	-1.853E+05	1.865E+06	-1.192E-03	-1.353E-04
199	2	45.25	4	3.259E+04	4.191E+04	-7.682E+02	1.017E-01	-1.766E+05	1.864E+06	-1.192E-03	-1.301E-04
199	2	45.25	5	2.917E+04	4.188E+04	2.353E+03	1.258E-01	1.171E+05	1.881E+06	-1.197E-03	4.107E-05

199	2	45.25	6	2.920E+04	4.188E+04	2.434E+03	1.252E-01	1.259E+05	1.881E+06	-1.197E-03	4.633E-05
199	2	45.25	7	3.298E+04	4.191E+04	-9.520E+02	1.023E-01	-2.469E+05	1.865E+06	-1.192E-03	-1.838E-04
199	2	45.25	8	3.301E+04	4.191E+04	-8.717E+02	1.017E-01	-2.382E+05	1.864E+06	-1.192E-03	-1.786E-04
199	2	45.25	9	-3.862E+04	4.185E+04	2.734E+03	1.259E-01	1.683E+05	1.880E+06	-1.197E-03	7.406E-05
199	2	45.25	10	-3.859E+04	4.185E+04	2.814E+03	1.253E-01	1.771E+05	1.879E+06	-1.197E-03	7.931E-05
199	2	45.25	11	-3.481E+04	4.188E+04	-5.718E+02	1.023E-01	-1.957E+05	1.864E+06	-1.191E-03	-1.509E-04
199	2	45.25	12	-3.478E+04	4.188E+04	-4.915E+02	1.017E-01	-1.869E+05	1.863E+06	-1.191E-03	-1.456E-04
199	2	45.25	13	-3.820E+04	4.185E+04	2.630E+03	1.258E-01	1.067E+05	1.880E+06	-1.197E-03	2.555E-05
199	2	45.25	14	-3.818E+04	4.185E+04	2.710E+03	1.252E-01	1.155E+05	1.880E+06	-1.197E-03	3.080E-05
199	2	45.25	15	-3.439E+04	4.188E+04	-6.754E+02	1.023E-01	-2.573E+05	1.864E+06	-1.191E-03	-1.994E-04
199	2	45.25	16	-3.437E+04	4.188E+04	-5.951E+02	1.017E-01	-2.485E+05	1.863E+06	-1.191E-03	-1.941E-04
199	3	90.50	1	2.876E+04	4.111E+04	2.457E+03	1.259E-01	7.370E+04	3.759E+06	-1.897E-03	8.153E-05
199	3	90.50	2	2.878E+04	4.111E+04	2.537E+03	1.253E-01	7.882E+04	3.758E+06	-1.896E-03	8.719E-05
199	3	90.50	3	3.257E+04	4.114E+04	-8.484E+02	1.023E-01	-1.531E+05	3.744E+06	-1.889E-03	-1.694E-04
199	3	90.50	4	3.259E+04	4.114E+04	-7.682E+02	1.017E-01	-1.480E+05	3.743E+06	-1.889E-03	-1.637E-04
199	3	90.50	5	2.917E+04	4.111E+04	2.353E+03	1.258E-01	1.680E+04	3.759E+06	-1.897E-03	1.858E-05
199	3	90.50	6	2.920E+04	4.111E+04	2.434E+03	1.252E-01	2.192E+04	3.758E+06	-1.896E-03	2.424E-05
199	3	90.50	7	3.298E+04	4.114E+04	-9.520E+02	1.023E-01	-2.100E+05	3.744E+06	-1.889E-03	-2.323E-04
199	3	90.50	8	3.301E+04	4.114E+04	-8.717E+02	1.017E-01	-2.049E+05	3.743E+06	-1.889E-03	-2.267E-04
199	3	90.50	9	-3.862E+04	4.109E+04	2.734E+03	1.259E-01	5.082E+04	3.756E+06	-1.895E-03	5.622E-05
199	3	90.50	10	-3.859E+04	4.109E+04	2.814E+03	1.253E-01	5.594E+04	3.756E+06	-1.895E-03	6.188E-05
199	3	90.50	11	-3.481E+04	4.112E+04	-5.718E+02	1.023E-01	-1.760E+05	3.741E+06	-1.888E-03	-1.947E-04
199	3	90.50	12	-3.478E+04	4.112E+04	-4.915E+02	1.017E-01	-1.709E+05	3.741E+06	-1.888E-03	-1.890E-04
199	3	90.50	13	-3.820E+04	4.109E+04	2.630E+03	1.258E-01	-6.083E+03	3.756E+06	-1.896E-03	-6.729E-06
199	3	90.50	14	-3.818E+04	4.109E+04	2.710E+03	1.252E-01	-9.638E+02	3.756E+06	-1.895E-03	-1.066E-06
199	3	90.50	15	-3.439E+04	4.112E+04	-6.754E+02	1.023E-01	-2.329E+05	3.741E+06	-1.888E-03	-2.576E-04
199	3	90.50	16	-3.437E+04	4.112E+04	-5.951E+02	1.017E-01	-2.278E+05	3.741E+06	-1.888E-03	-2.520E-04
199	4	135.75	1	2.876E+04	4.035E+04	2.457E+03	1.259E-01	-1.376E+05	5.602E+06	-1.645E-03	3.389E-05
199	4	135.75	2	2.878E+04	4.035E+04	2.537E+03	1.253E-01	-1.361E+05	5.601E+06	-1.645E-03	3.714E-05
199	4	135.75	3	3.257E+04	4.037E+04	-8.484E+02	1.023E-01	-1.461E+04	5.588E+06	-1.640E-03	-1.199E-04
199	4	135.75	4	3.259E+04	4.038E+04	-7.682E+02	1.017E-01	-1.313E+04	5.588E+06	-1.640E-03	-1.167E-04
199	4	135.75	5	2.917E+04	4.035E+04	2.353E+03	1.258E-01	-1.898E+05	5.602E+06	-1.645E-03	-1.202E-05
199	4	135.75	6	2.920E+04	4.035E+04	2.434E+03	1.252E-01	-1.883E+05	5.601E+06	-1.645E-03	-8.778E-06
199	4	135.75	7	3.299E+04	4.038E+04	-9.520E+02	1.023E-01	-6.683E+04	5.588E+06	-1.640E-03	-1.658E-04
199	4	135.75	8	3.301E+04	4.038E+04	-8.717E+02	1.017E-01	-6.535E+04	5.588E+06	-1.640E-03	-1.626E-04
199	4	135.75	9	-3.862E+04	4.032E+04	2.734E+03	1.259E-01	-1.730E+05	5.598E+06	-1.644E-03	1.145E-05
199	4	135.75	10	-3.859E+04	4.032E+04	2.814E+03	1.253E-01	-1.715E+05	5.598E+06	-1.644E-03	1.469E-05
199	4	135.75	11	-3.480E+04	4.035E+04	-5.718E+02	1.023E-01	-5.001E+04	5.585E+06	-1.639E-03	-1.424E-04
199	4	135.75	12	-3.478E+04	4.035E+04	-4.915E+02	1.017E-01	-4.852E+04	5.584E+06	-1.639E-03	-1.391E-04
199	4	135.75	13	-3.820E+04	4.032E+04	2.630E+03	1.258E-01	-2.252E+05	5.598E+06	-1.644E-03	-3.446E-05
199	4	135.75	14	-3.818E+04	4.032E+04	2.710E+03	1.252E-01	-2.237E+05	5.598E+06	-1.644E-03	-3.122E-05
199	4	135.75	15	-3.439E+04	4.035E+04	-6.754E+02	1.023E-01	-1.022E+05	5.585E+06	-1.639E-03	-1.883E-04
199	4	135.75	16	-3.437E+04	4.035E+04	-5.951E+02	1.017E-01	-1.007E+05	5.584E+06	-1.639E-03	-1.850E-04
199	5	181.00	1	2.876E+04	3.958E+04	2.457E+03	1.259E-01	-1.892E+05	7.410E+06	-9.902E-11	3.877E-11
199	5	181.00	2	2.878E+04	3.958E+04	2.537E+03	1.253E-01	-1.914E+05	7.410E+06	-9.904E-11	3.935E-11
199	5	181.00	3	3.257E+04	3.961E+04	-8.484E+02	1.023E-01	-3.578E+04	7.398E+06	-1.009E-10	-1.994E-11
199	5	181.00	4	3.259E+04	3.961E+04	-7.682E+02	1.017E-01	-3.793E+04	7.397E+06	-1.009E-10	-1.936E-11
199	5	181.00	5	2.918E+04	3.958E+04	2.353E+03	1.258E-01	-2.368E+05	7.410E+06	-9.902E-11	2.065E-11
199	5	181.00	6	2.920E+04	3.958E+04	2.434E+03	1.252E-01	-2.389E+05	7.410E+06	-9.904E-11	2.124E-11
199	5	181.00	7	3.299E+04	3.961E+04	-9.520E+02	1.023E-01	-8.331E+04	7.398E+06	-1.009E-10	-3.806E-11
199	5	181.00	8	3.301E+04	3.961E+04	-8.717E+02	1.017E-01	-8.546E+04	7.397E+06	-1.009E-10	-3.748E-11
199	5	181.00	9	-3.861E+04	3.955E+04	2.734E+03	1.259E-01	-2.371E+05	7.405E+06	-9.926E-11	3.914E-11
199	5	181.00	10	-3.859E+04	3.956E+04	2.814E+03	1.253E-01	-2.393E+05	7.405E+06	-9.928E-11	3.972E-11
199	5	181.00	11	-3.480E+04	3.958E+04	-5.718E+02	1.023E-01	-8.370E+04	7.393E+06	-1.011E-10	-1.958E-11
199	5	181.00	12	-3.478E+04	3.958E+04	-4.915E+02	1.017E-01	-8.584E+04	7.393E+06	-1.011E-10	-1.900E-11
199	5	181.00	13	-3.820E+04	3.956E+04	2.630E+03	1.258E-01	-2.847E+05	7.406E+06	-9.926E-11	2.102E-11
199	5	181.00	14	-3.818E+04	3.956E+04	2.710E+03	1.252E-01	-2.868E+05	7.405E+06	-9.928E-11	2.160E-11
199	5	181.00	15	-3.439E+04	3.958E+04	-6.754E+02	1.023E-01	-1.312E+05	7.393E+06	-1.011E-10	-3.770E-11
199	5	181.00	16	-3.437E+04	3.958E+04	-5.951E+02	1.017E-01	-1.334E+05	7.393E+06	-1.011E-10	-3.711E-11
200	1	0.00	1	3.301E+04	4.267E+04	8.717E+02	-1.017E-01	2.750E+05	-4.933E+04	0.000E+00	0.000E+00
200	1	0.00	2	3.298E+04	4.267E+04	9.520E+02	-1.023E-01	2.873E+05	-4.889E+04	0.000E+00	0.000E+00
200	1	0.00	3	2.919E+04	4.265E+04	-2.434E+03	-1.252E-01	-2.333E+05	-3.175E+04	0.000E+00	0.000E+00

200	1	0.00	4	2.917E+04	4.264E+04	-2.353E+03	-1.258E-01	-2.209E+05	-3.130E+04	0.000E+00	0.000E+00
200	1	0.00	5	3.259E+04	4.267E+04	7.682E+02	-1.017E-01	2.087E+05	-4.931E+04	0.000E+00	0.000E+00
200	1	0.00	6	3.257E+04	4.267E+04	8.484E+02	-1.023E-01	2.211E+05	-4.887E+04	0.000E+00	0.000E+00
200	1	0.00	7	2.878E+04	4.264E+04	-2.537E+03	-1.253E-01	-2.996E+05	-3.173E+04	0.000E+00	0.000E+00
200	1	0.00	8	2.876E+04	4.264E+04	-2.457E+03	-1.259E-01	-2.872E+05	-3.129E+04	0.000E+00	0.000E+00
200	1	0.00	9	-3.437E+04	4.265E+04	5.951E+02	-1.017E-01	2.728E+05	-4.931E+04	0.000E+00	0.000E+00
200	1	0.00	10	-3.439E+04	4.265E+04	6.754E+02	-1.023E-01	2.852E+05	-4.886E+04	0.000E+00	0.000E+00
200	1	0.00	11	-3.818E+04	4.262E+04	-2.710E+03	-1.252E-01	-2.355E+05	-3.172E+04	0.000E+00	0.000E+00
200	1	0.00	12	-3.820E+04	4.262E+04	-2.630E+03	-1.258E-01	-2.231E+05	-3.128E+04	0.000E+00	0.000E+00
200	1	0.00	13	-3.478E+04	4.265E+04	4.915E+02	-1.017E-01	2.065E+05	-4.929E+04	0.000E+00	0.000E+00
200	1	0.00	14	-3.481E+04	4.265E+04	5.718E+02	-1.023E-01	2.189E+05	-4.884E+04	0.000E+00	0.000E+00
200	1	0.00	15	-3.860E+04	4.262E+04	-2.814E+03	-1.253E-01	-3.018E+05	-3.171E+04	0.000E+00	0.000E+00
200	1	0.00	16	-3.862E+04	4.262E+04	-2.734E+03	-1.259E-01	-2.894E+05	-3.126E+04	0.000E+00	0.000E+00
200	2	45.25	1	3.301E+04	4.191E+04	8.717E+02	-1.017E-01	2.382E+05	1.864E+06	-1.192E-03	1.786E-04
200	2	45.25	2	3.298E+04	4.191E+04	9.520E+02	-1.023E-01	2.469E+05	1.865E+06	-1.192E-03	1.838E-04
200	2	45.25	3	2.920E+04	4.188E+04	-2.434E+03	-1.252E-01	-1.259E+05	1.881E+06	-1.197E-03	-4.633E-05
200	2	45.25	4	2.917E+04	4.188E+04	-2.353E+03	-1.258E-01	-1.171E+05	1.881E+06	-1.197E-03	-4.107E-05
200	2	45.25	5	3.259E+04	4.191E+04	7.682E+02	-1.017E-01	1.766E+05	1.864E+06	-1.192E-03	1.301E-04
200	2	45.25	6	3.257E+04	4.191E+04	8.484E+02	-1.023E-01	1.853E+05	1.865E+06	-1.192E-03	1.353E-04
200	2	45.25	7	2.878E+04	4.188E+04	-2.537E+03	-1.253E-01	-1.875E+05	1.881E+06	-1.197E-03	-9.483E-05
200	2	45.25	8	2.876E+04	4.188E+04	-2.457E+03	-1.259E-01	-1.787E+05	1.881E+06	-1.197E-03	-8.958E-05
200	2	45.25	9	-3.437E+04	4.188E+04	5.951E+02	-1.017E-01	2.485E+05	1.863E+06	-1.191E-03	1.941E-04
200	2	45.25	10	-3.439E+04	4.188E+04	6.754E+02	-1.023E-01	2.573E+05	1.864E+06	-1.191E-03	1.994E-04
200	2	45.25	11	-3.818E+04	4.185E+04	-2.710E+03	-1.252E-01	-1.155E+05	1.880E+06	-1.197E-03	-3.080E-05
200	2	45.25	12	-3.820E+04	4.185E+04	-2.630E+03	-1.258E-01	-1.067E+05	1.880E+06	-1.197E-03	-2.555E-05
200	2	45.25	13	-3.478E+04	4.188E+04	4.915E+02	-1.017E-01	1.869E+05	1.863E+06	-1.191E-03	1.456E-04
200	2	45.25	14	-3.481E+04	4.188E+04	5.718E+02	-1.023E-01	1.957E+05	1.864E+06	-1.191E-03	1.509E-04
200	2	45.25	15	-3.859E+04	4.185E+04	-2.814E+03	-1.253E-01	-1.771E+05	1.879E+06	-1.197E-03	-7.931E-05
200	2	45.25	16	-3.862E+04	4.185E+04	-2.734E+03	-1.259E-01	-1.683E+05	1.880E+06	-1.197E-03	-7.406E-05
200	3	90.50	1	3.301E+04	4.114E+04	8.717E+02	-1.017E-01	2.049E+05	3.743E+06	-1.889E-03	2.267E-04
200	3	90.50	2	3.298E+04	4.114E+04	9.520E+02	-1.023E-01	2.100E+05	3.744E+06	-1.889E-03	2.323E-04
200	3	90.50	3	2.920E+04	4.111E+04	-2.434E+03	-1.252E-01	-2.192E+04	3.758E+06	-1.896E-03	-2.424E-05
200	3	90.50	4	2.917E+04	4.111E+04	-2.353E+03	-1.258E-01	-1.680E+04	3.759E+06	-1.897E-03	-1.858E-05
200	3	90.50	5	3.259E+04	4.114E+04	7.682E+02	-1.017E-01	1.480E+05	3.743E+06	-1.889E-03	1.637E-04
200	3	90.50	6	3.257E+04	4.114E+04	8.484E+02	-1.023E-01	1.531E+05	3.744E+06	-1.889E-03	1.694E-04
200	3	90.50	7	2.878E+04	4.111E+04	-2.537E+03	-1.253E-01	-7.882E+04	3.758E+06	-1.896E-03	-8.719E-05
200	3	90.50	8	2.876E+04	4.111E+04	-2.457E+03	-1.259E-01	-7.370E+04	3.759E+06	-1.897E-03	-8.153E-05
200	3	90.50	9	-3.437E+04	4.112E+04	5.951E+02	-1.017E-01	2.278E+05	3.741E+06	-1.888E-03	2.520E-04
200	3	90.50	10	-3.439E+04	4.112E+04	6.754E+02	-1.023E-01	2.329E+05	3.741E+06	-1.888E-03	2.576E-04
200	3	90.50	11	-3.818E+04	4.109E+04	-2.710E+03	-1.252E-01	9.638E+02	3.756E+06	-1.895E-03	1.066E-06
200	3	90.50	12	-3.820E+04	4.109E+04	-2.630E+03	-1.258E-01	6.083E+03	3.756E+06	-1.896E-03	6.729E-06
200	3	90.50	13	-3.478E+04	4.112E+04	4.915E+02	-1.017E-01	1.709E+05	3.741E+06	-1.888E-03	1.890E-04
200	3	90.50	14	-3.481E+04	4.112E+04	5.718E+02	-1.023E-01	1.760E+05	3.741E+06	-1.888E-03	1.947E-04
200	3	90.50	15	-3.859E+04	4.109E+04	-2.814E+03	-1.253E-01	-5.594E+04	3.756E+06	-1.895E-03	-6.188E-05
200	3	90.50	16	-3.862E+04	4.109E+04	-2.734E+03	-1.259E-01	-5.082E+04	3.756E+06	-1.895E-03	-5.622E-05
200	4	135.75	1	3.301E+04	4.038E+04	8.717E+02	-1.017E-01	6.535E+04	5.588E+06	-1.640E-03	1.626E-04
200	4	135.75	2	3.299E+04	4.038E+04	9.520E+02	-1.023E-01	6.683E+04	5.588E+06	-1.640E-03	1.658E-04
200	4	135.75	3	2.920E+04	4.035E+04	-2.434E+03	-1.252E-01	1.883E+05	5.601E+06	-1.645E-03	8.778E-06
200	4	135.75	4	2.917E+04	4.035E+04	-2.353E+03	-1.258E-01	1.898E+05	5.602E+06	-1.645E-03	1.202E-05
200	4	135.75	5	3.259E+04	4.038E+04	7.682E+02	-1.017E-01	1.313E+04	5.588E+06	-1.640E-03	1.167E-04
200	4	135.75	6	3.257E+04	4.037E+04	8.484E+02	-1.023E-01	1.461E+04	5.588E+06	-1.640E-03	1.199E-04
200	4	135.75	7	2.878E+04	4.035E+04	-2.537E+03	-1.253E-01	1.361E+05	5.601E+06	-1.645E-03	-3.714E-05
200	4	135.75	8	2.876E+04	4.035E+04	-2.457E+03	-1.259E-01	1.376E+05	5.602E+06	-1.645E-03	-3.389E-05
200	4	135.75	9	-3.437E+04	4.035E+04	5.951E+02	-1.017E-01	1.007E+05	5.584E+06	-1.639E-03	1.850E-04
200	4	135.75	10	-3.439E+04	4.035E+04	6.754E+02	-1.023E-01	1.022E+05	5.585E+06	-1.639E-03	1.883E-04
200	4	135.75	11	-3.818E+04	4.032E+04	-2.710E+03	-1.252E-01	2.237E+05	5.598E+06	-1.644E-03	3.122E-05
200	4	135.75	12	-3.820E+04	4.032E+04	-2.630E+03	-1.258E-01	2.252E+05	5.598E+06	-1.644E-03	3.446E-05
200	4	135.75	13	-3.478E+04	4.035E+04	4.915E+02	-1.017E-01	4.852E+04	5.584E+06	-1.639E-03	1.391E-04
200	4	135.75	14	-3.480E+04	4.035E+04	5.718E+02	-1.023E-01	5.001E+04	5.585E+06	-1.639E-03	1.424E-04
200	4	135.75	15	-3.859E+04	4.032E+04	-2.814E+03	-1.253E-01	1.715E+05	5.598E+06	-1.644E-03	-1.469E-05
200	4	135.75	16	-3.862E+04	4.032E+04	-2.734E+03	-1.259E-01	1.730E+05	5.598E+06	-1.644E-03	-1.145E-05
200	5	181.00	1	3.301E+04	3.961E+04	8.717E+02	-1.017E-01	8.546E+04	7.397E+06	-1.009E-10	3.747E-11

200	5	181.00	2	3.299E+04	3.961E+04	9.520E+02	-1.023E-01	8.331E+04	7.398E+06	-1.009E-10	3.806E-11
200	5	181.00	3	2.920E+04	3.958E+04	-2.434E+03	-1.252E-01	2.389E+05	7.410E+06	-9.904E-11	-2.124E-11
200	5	181.00	4	2.918E+04	3.958E+04	-2.353E+03	-1.258E-01	2.368E+05	7.410E+06	-9.902E-11	-2.066E-11
200	5	181.00	5	3.259E+04	3.961E+04	7.682E+02	-1.017E-01	3.793E+04	7.397E+06	-1.009E-10	1.936E-11
200	5	181.00	6	3.257E+04	3.961E+04	8.484E+02	-1.023E-01	3.578E+04	7.398E+06	-1.009E-10	1.994E-11
200	5	181.00	7	2.878E+04	3.958E+04	-2.537E+03	-1.253E-01	1.914E+05	7.410E+06	-9.904E-11	-3.936E-11
200	5	181.00	8	2.876E+04	3.958E+04	-2.457E+03	-1.259E-01	1.892E+05	7.410E+06	-9.902E-11	-3.878E-11
200	5	181.00	9	-3.437E+04	3.958E+04	5.951E+02	-1.017E-01	1.334E+05	7.393E+06	-1.011E-10	3.711E-11
200	5	181.00	10	-3.439E+04	3.958E+04	6.754E+02	-1.023E-01	1.312E+05	7.393E+06	-1.011E-10	3.770E-11
200	5	181.00	11	-3.818E+04	3.956E+04	-2.710E+03	-1.252E-01	2.868E+05	7.405E+06	-9.928E-11	-2.160E-11
200	5	181.00	12	-3.820E+04	3.956E+04	-2.630E+03	-1.258E-01	2.847E+05	7.406E+06	-9.926E-11	-2.102E-11
200	5	181.00	13	-3.478E+04	3.958E+04	4.915E+02	-1.017E-01	8.584E+04	7.393E+06	-1.011E-10	1.900E-11
200	5	181.00	14	-3.480E+04	3.958E+04	5.718E+02	-1.023E-01	8.370E+04	7.393E+06	-1.011E-10	1.958E-11
200	5	181.00	15	-3.859E+04	3.956E+04	-2.814E+03	-1.253E-01	2.393E+05	7.405E+06	-9.928E-11	-3.972E-11
200	5	181.00	16	-3.861E+04	3.955E+04	-2.734E+03	-1.259E-01	2.371E+05	7.405E+06	-9.926E-11	-3.913E-11
201	1	0.00	1	2.604E+04	3.220E+04	9.701E+02	3.118E-02	-1.812E+05	7.413E+06	0.000E+00	0.000E+00
201	1	0.00	2	2.604E+04	3.220E+04	1.023E+03	3.057E-02	-1.796E+05	7.413E+06	0.000E+00	0.000E+00
201	1	0.00	3	2.973E+04	3.222E+04	-1.523E+03	7.184E-03	-2.424E+04	7.394E+06	0.000E+00	0.000E+00
201	1	0.00	4	2.972E+04	3.222E+04	-1.471E+03	6.577E-03	-2.266E+04	7.394E+06	0.000E+00	0.000E+00
201	1	0.00	5	2.635E+04	3.220E+04	8.665E+02	3.116E-02	-2.497E+05	7.413E+06	0.000E+00	0.000E+00
201	1	0.00	6	2.635E+04	3.220E+04	9.190E+02	3.055E-02	-2.481E+05	7.413E+06	0.000E+00	0.000E+00
201	1	0.00	7	3.004E+04	3.222E+04	-1.627E+03	7.167E-03	-9.277E+04	7.394E+06	0.000E+00	0.000E+00
201	1	0.00	8	3.003E+04	3.223E+04	-1.574E+03	6.561E-03	-9.118E+04	7.394E+06	0.000E+00	0.000E+00
201	1	0.00	9	-3.562E+04	3.218E+04	8.647E+02	3.118E-02	-2.287E+05	7.409E+06	0.000E+00	0.000E+00
201	1	0.00	10	-3.562E+04	3.218E+04	9.172E+02	3.057E-02	-2.271E+05	7.408E+06	0.000E+00	0.000E+00
201	1	0.00	11	-3.193E+04	3.221E+04	-1.629E+03	7.184E-03	-7.174E+04	7.390E+06	0.000E+00	0.000E+00
201	1	0.00	12	-3.193E+04	3.221E+04	-1.576E+03	6.577E-03	-7.015E+04	7.389E+06	0.000E+00	0.000E+00
201	1	0.00	13	-3.531E+04	3.218E+04	7.611E+02	3.116E-02	-2.972E+05	7.409E+06	0.000E+00	0.000E+00
201	1	0.00	14	-3.531E+04	3.219E+04	8.136E+02	3.055E-02	-2.956E+05	7.408E+06	0.000E+00	0.000E+00
201	1	0.00	15	-3.162E+04	3.221E+04	-1.732E+03	7.167E-03	-1.403E+05	7.390E+06	0.000E+00	0.000E+00
201	1	0.00	16	-3.162E+04	3.221E+04	-1.680E+03	6.560E-03	-1.387E+05	7.389E+06	0.000E+00	0.000E+00
201	2	127.25	1	2.604E+04	3.004E+04	9.701E+02	3.118E-02	-2.152E+05	1.137E+07	-3.985E-02	-1.899E-03
201	2	127.25	2	2.604E+04	3.004E+04	1.023E+03	3.057E-02	-2.203E+05	1.137E+07	-3.985E-02	-1.962E-03
201	2	127.25	3	2.973E+04	3.007E+04	-1.523E+03	7.184E-03	8.019E+04	1.136E+07	-3.982E-02	1.321E-03
201	2	127.25	4	2.973E+04	3.007E+04	-1.471E+03	6.577E-03	7.509E+04	1.136E+07	-3.981E-02	1.258E-03
201	2	127.25	5	2.635E+04	3.004E+04	8.665E+02	3.116E-02	-2.705E+05	1.137E+07	-3.985E-02	-2.204E-03
201	2	127.25	6	2.635E+04	3.004E+04	9.190E+02	3.055E-02	-2.756E+05	1.137E+07	-3.985E-02	-2.267E-03
201	2	127.25	7	3.004E+04	3.007E+04	-1.627E+03	7.167E-03	2.485E+04	1.136E+07	-3.982E-02	1.016E-03
201	2	127.25	8	3.004E+04	3.007E+04	-1.574E+03	6.561E-03	1.975E+04	1.136E+07	-3.982E-02	9.529E-04
201	2	127.25	9	-3.561E+04	3.003E+04	8.647E+02	3.118E-02	-2.493E+05	1.137E+07	-3.983E-02	-2.064E-03
201	2	127.25	10	-3.562E+04	3.003E+04	9.172E+02	3.057E-02	-2.544E+05	1.137E+07	-3.983E-02	-2.126E-03
201	2	127.25	11	-3.193E+04	3.006E+04	-1.629E+03	7.184E-03	4.611E+04	1.135E+07	-3.980E-02	1.156E-03
201	2	127.25	12	-3.193E+04	3.006E+04	-1.576E+03	6.577E-03	4.101E+04	1.135E+07	-3.980E-02	1.093E-03
201	2	127.25	13	-3.530E+04	3.003E+04	7.611E+02	3.116E-02	-3.046E+05	1.137E+07	-3.983E-02	-2.369E-03
201	2	127.25	14	-3.531E+04	3.003E+04	8.136E+02	3.055E-02	-3.097E+05	1.137E+07	-3.983E-02	-2.432E-03
201	2	127.25	15	-3.162E+04	3.006E+04	-1.732E+03	7.167E-03	-9.232E+03	1.135E+07	-3.980E-02	8.507E-04
201	2	127.25	16	-3.162E+04	3.006E+04	-1.680E+03	6.560E-03	-1.433E+04	1.135E+07	-3.980E-02	7.880E-04
201	3	254.50	1	2.604E+04	2.789E+04	9.701E+02	3.118E-02	-3.286E+05	1.506E+07	-5.773E-02	-2.875E-03
201	3	254.50	2	2.604E+04	2.789E+04	1.023E+03	3.057E-02	-3.404E+05	1.506E+07	-5.773E-02	-2.978E-03
201	3	254.50	3	2.973E+04	2.792E+04	-1.523E+03	7.184E-03	2.640E+05	1.505E+07	-5.768E-02	2.310E-03
201	3	254.50	4	2.973E+04	2.792E+04	-1.471E+03	6.577E-03	2.522E+05	1.505E+07	-5.768E-02	2.207E-03
201	3	254.50	5	2.635E+04	2.789E+04	8.665E+02	3.116E-02	-3.708E+05	1.506E+07	-5.773E-02	-3.243E-03
201	3	254.50	6	2.635E+04	2.789E+04	9.190E+02	3.055E-02	-3.826E+05	1.506E+07	-5.773E-02	-3.347E-03
201	3	254.50	7	3.004E+04	2.792E+04	-1.627E+03	7.167E-03	2.219E+05	1.505E+07	-5.769E-02	1.941E-03
201	3	254.50	8	3.004E+04	2.792E+04	-1.574E+03	6.561E-03	2.101E+05	1.505E+07	-5.768E-02	1.838E-03
201	3	254.50	9	-3.561E+04	2.788E+04	8.647E+02	3.118E-02	-3.493E+05	1.505E+07	-5.770E-02	-3.055E-03
201	3	254.50	10	-3.561E+04	2.788E+04	9.172E+02	3.057E-02	-3.611E+05	1.505E+07	-5.770E-02	-3.159E-03
201	3	254.50	11	-3.193E+04	2.790E+04	-1.629E+03	7.184E-03	2.434E+05	1.504E+07	-5.766E-02	2.129E-03
201	3	254.50	12	-3.193E+04	2.791E+04	-1.576E+03	6.577E-03	2.316E+05	1.504E+07	-5.766E-02	2.026E-03
201	3	254.50	13	-3.530E+04	2.788E+04	7.611E+02	3.116E-02	-3.914E+05	1.505E+07	-5.770E-02	-3.424E-03
201	3	254.50	14	-3.530E+04	2.788E+04	8.136E+02	3.055E-02	-4.032E+05	1.505E+07	-5.770E-02	-3.527E-03
201	3	254.50	15	-3.162E+04	2.791E+04	-1.732E+03	7.167E-03	2.012E+05	1.504E+07	-5.766E-02	1.760E-03

201	3	254.50	16	-3.162E+04	2.791E+04	-1.680E+03	6.560E-03	1.894E+05	1.504E+07	-5.766E-02	1.657E-03
201	4	381.75	1	2.605E+04	2.573E+04	9.701E+02	3.118E-02	-4.489E+05	1.847E+07	-4.661E-02	-2.417E-03
201	4	381.75	2	2.604E+04	2.573E+04	1.023E+03	3.057E-02	-4.674E+05	1.847E+07	-4.661E-02	-2.509E-03
201	4	381.75	3	2.973E+04	2.576E+04	-1.523E+03	7.184E-03	4.547E+05	1.846E+07	-4.658E-02	2.147E-03
201	4	381.75	4	2.973E+04	2.576E+04	-1.471E+03	6.577E-03	4.363E+05	1.846E+07	-4.658E-02	2.055E-03
201	4	381.75	5	2.636E+04	2.573E+04	8.665E+02	3.116E-02	-4.779E+05	1.847E+07	-4.661E-02	-2.665E-03
201	4	381.75	6	2.635E+04	2.573E+04	9.190E+02	3.055E-02	-4.964E+05	1.847E+07	-4.661E-02	-2.757E-03
201	4	381.75	7	3.004E+04	2.576E+04	-1.627E+03	7.167E-03	4.257E+05	1.846E+07	-4.658E-02	1.899E-03
201	4	381.75	8	3.004E+04	2.576E+04	-1.574E+03	6.561E-03	4.073E+05	1.846E+07	-4.658E-02	1.807E-03
201	4	381.75	9	-3.561E+04	2.572E+04	8.647E+02	3.118E-02	-4.562E+05	1.846E+07	-4.659E-02	-2.523E-03
201	4	381.75	10	-3.561E+04	2.572E+04	9.172E+02	3.057E-02	-4.746E+05	1.846E+07	-4.659E-02	-2.615E-03
201	4	381.75	11	-3.192E+04	2.575E+04	-1.629E+03	7.184E-03	4.475E+05	1.845E+07	-4.656E-02	2.041E-03
201	4	381.75	12	-3.193E+04	2.575E+04	-1.576E+03	6.577E-03	4.290E+05	1.845E+07	-4.656E-02	1.949E-03
201	4	381.75	13	-3.530E+04	2.572E+04	7.611E+02	3.116E-02	-4.851E+05	1.846E+07	-4.659E-02	-2.771E-03
201	4	381.75	14	-3.530E+04	2.572E+04	8.136E+02	3.055E-02	-5.036E+05	1.846E+07	-4.659E-02	-2.863E-03
201	4	381.75	15	-3.161E+04	2.575E+04	-1.732E+03	7.167E-03	4.185E+05	1.845E+07	-4.656E-02	1.793E-03
201	4	381.75	16	-3.162E+04	2.575E+04	-1.680E+03	6.560E-03	4.000E+05	1.845E+07	-4.656E-02	1.701E-03
201	5	509.00	1	2.605E+04	2.358E+04	9.701E+02	3.118E-02	-5.708E+05	2.161E+07	2.692E-09	2.935E-10
201	5	509.00	2	2.605E+04	2.358E+04	1.023E+03	3.057E-02	-5.960E+05	2.161E+07	2.692E-09	2.852E-10
201	5	509.00	3	2.973E+04	2.361E+04	-1.523E+03	7.184E-03	6.471E+05	2.160E+07	2.702E-09	-3.197E-10
201	5	509.00	4	2.973E+04	2.361E+04	-1.471E+03	6.577E-03	6.219E+05	2.160E+07	2.702E-09	-3.280E-10
201	5	509.00	5	2.636E+04	2.358E+04	8.665E+02	3.116E-02	-5.866E+05	2.161E+07	2.692E-09	2.440E-10
201	5	509.00	6	2.636E+04	2.358E+04	9.190E+02	3.055E-02	-6.118E+05	2.161E+07	2.692E-09	2.358E-10
201	5	509.00	7	3.004E+04	2.361E+04	-1.627E+03	7.167E-03	6.313E+05	2.160E+07	2.702E-09	-3.692E-10
201	5	509.00	8	3.004E+04	2.361E+04	-1.574E+03	6.561E-03	6.061E+05	2.160E+07	2.702E-09	-3.774E-10
201	5	509.00	9	-3.561E+04	2.357E+04	8.647E+02	3.118E-02	-5.647E+05	2.160E+07	2.699E-09	2.985E-10
201	5	509.00	10	-3.561E+04	2.357E+04	9.172E+02	3.057E-02	-5.898E+05	2.160E+07	2.699E-09	2.902E-10
201	5	509.00	11	-3.192E+04	2.360E+04	-1.629E+03	7.184E-03	6.532E+05	2.159E+07	2.709E-09	-3.147E-10
201	5	509.00	12	-3.192E+04	2.360E+04	-1.576E+03	6.577E-03	6.281E+05	2.159E+07	2.709E-09	-3.230E-10
201	5	509.00	13	-3.530E+04	2.357E+04	7.611E+02	3.116E-02	-5.805E+05	2.160E+07	2.699E-09	2.491E-10
201	5	509.00	14	-3.530E+04	2.357E+04	8.136E+02	3.055E-02	-6.056E+05	2.160E+07	2.699E-09	2.408E-10
201	5	509.00	15	-3.161E+04	2.360E+04	-1.732E+03	7.167E-03	6.374E+05	2.159E+07	2.709E-09	-3.641E-10
201	5	509.00	16	-3.161E+04	2.360E+04	-1.680E+03	6.560E-03	6.123E+05	2.159E+07	2.709E-09	-3.724E-10
202	1	0.00	1	3.003E+04	3.223E+04	1.574E+03	-6.561E-03	9.118E+04	7.394E+06	0.000E+00	0.000E+00
202	1	0.00	2	3.004E+04	3.222E+04	1.627E+03	-7.167E-03	9.277E+04	7.394E+06	0.000E+00	0.000E+00
202	1	0.00	3	2.635E+04	3.220E+04	-9.190E+02	-3.055E-02	2.481E+05	7.413E+06	0.000E+00	0.000E+00
202	1	0.00	4	2.635E+04	3.220E+04	-8.665E+02	-3.116E-02	2.497E+05	7.413E+06	0.000E+00	0.000E+00
202	1	0.00	5	2.972E+04	3.222E+04	1.471E+03	-6.577E-03	2.266E+04	7.394E+06	0.000E+00	0.000E+00
202	1	0.00	6	2.973E+04	3.222E+04	1.523E+03	-7.184E-03	2.424E+04	7.394E+06	0.000E+00	0.000E+00
202	1	0.00	7	2.604E+04	3.220E+04	-1.023E+03	-3.057E-02	1.796E+05	7.413E+06	0.000E+00	0.000E+00
202	1	0.00	8	2.604E+04	3.220E+04	-9.701E+02	-3.118E-02	1.812E+05	7.413E+06	0.000E+00	0.000E+00
202	1	0.00	9	-3.162E+04	3.221E+04	1.680E+03	-6.560E-03	1.387E+05	7.389E+06	0.000E+00	0.000E+00
202	1	0.00	10	-3.162E+04	3.221E+04	1.732E+03	-7.167E-03	1.403E+05	7.390E+06	0.000E+00	0.000E+00
202	1	0.00	11	-3.531E+04	3.219E+04	-8.136E+02	-3.055E-02	2.956E+05	7.408E+06	0.000E+00	0.000E+00
202	1	0.00	12	-3.531E+04	3.218E+04	-7.611E+02	-3.116E-02	2.972E+05	7.409E+06	0.000E+00	0.000E+00
202	1	0.00	13	-3.193E+04	3.221E+04	1.576E+03	-6.577E-03	7.015E+04	7.389E+06	0.000E+00	0.000E+00
202	1	0.00	14	-3.193E+04	3.221E+04	1.629E+03	-7.184E-03	7.174E+04	7.390E+06	0.000E+00	0.000E+00
202	1	0.00	15	-3.562E+04	3.218E+04	-9.172E+02	-3.057E-02	2.271E+05	7.408E+06	0.000E+00	0.000E+00
202	1	0.00	16	-3.562E+04	3.218E+04	-8.647E+02	-3.118E-02	2.287E+05	7.409E+06	0.000E+00	0.000E+00
202	2	127.25	1	3.004E+04	3.007E+04	1.574E+03	-6.561E-03	-1.975E+04	1.136E+07	-3.982E-02	-9.529E-04
202	2	127.25	2	3.004E+04	3.007E+04	1.627E+03	-7.167E-03	-2.485E+04	1.136E+07	-3.982E-02	-1.016E-03
202	2	127.25	3	2.635E+04	3.004E+04	-9.190E+02	-3.055E-02	2.756E+05	1.137E+07	-3.985E-02	2.267E-03
202	2	127.25	4	2.635E+04	3.004E+04	-8.665E+02	-3.116E-02	2.705E+05	1.137E+07	-3.985E-02	2.204E-03
202	2	127.25	5	2.973E+04	3.007E+04	1.471E+03	-6.577E-03	-7.509E+04	1.136E+07	-3.981E-02	-1.258E-03
202	2	127.25	6	2.973E+04	3.007E+04	1.523E+03	-7.184E-03	-8.019E+04	1.136E+07	-3.982E-02	-1.321E-03
202	2	127.25	7	2.604E+04	3.004E+04	-1.023E+03	-3.057E-02	2.203E+05	1.137E+07	-3.985E-02	1.962E-03
202	2	127.25	8	2.604E+04	3.004E+04	-9.701E+02	-3.118E-02	2.152E+05	1.137E+07	-3.985E-02	1.899E-03
202	2	127.25	9	-3.162E+04	3.006E+04	1.680E+03	-6.560E-03	1.433E+04	1.135E+07	-3.980E-02	-7.880E-04
202	2	127.25	10	-3.162E+04	3.006E+04	1.732E+03	-7.167E-03	9.232E+03	1.135E+07	-3.980E-02	-8.507E-04
202	2	127.25	11	-3.531E+04	3.003E+04	-8.136E+02	-3.055E-02	3.097E+05	1.137E+07	-3.983E-02	2.432E-03
202	2	127.25	12	-3.530E+04	3.003E+04	-7.611E+02	-3.116E-02	3.046E+05	1.137E+07	-3.983E-02	2.369E-03
202	2	127.25	13	-3.193E+04	3.006E+04	1.576E+03	-6.577E-03	-4.101E+04	1.135E+07	-3.980E-02	-1.093E-03

202	2	127.25	14	-3.193E+04	3.006E+04	1.629E+03	-7.184E-03	-4.611E+04	1.135E+07	-3.980E-02	-1.156E-03
202	2	127.25	15	-3.562E+04	3.003E+04	-9.172E+02	-3.057E-02	2.544E+05	1.137E+07	-3.983E-02	2.126E-03
202	2	127.25	16	-3.561E+04	3.003E+04	-8.647E+02	-3.118E-02	2.493E+05	1.137E+07	-3.983E-02	2.064E-03
202	3	254.50	1	3.004E+04	2.792E+04	1.574E+03	-6.561E-03	-2.101E+05	1.505E+07	-5.768E-02	-1.838E-03
202	3	254.50	2	3.004E+04	2.792E+04	1.627E+03	-7.167E-03	-2.219E+05	1.505E+07	-5.769E-02	-1.941E-03
202	3	254.50	3	2.635E+04	2.789E+04	-9.190E+02	-3.055E-02	3.826E+05	1.506E+07	-5.773E-02	3.347E-03
202	3	254.50	4	2.635E+04	2.789E+04	-8.665E+02	-3.116E-02	3.708E+05	1.506E+07	-5.773E-02	3.243E-03
202	3	254.50	5	2.973E+04	2.792E+04	1.471E+03	-6.577E-03	-2.522E+05	1.505E+07	-5.768E-02	-2.207E-03
202	3	254.50	6	2.973E+04	2.792E+04	1.523E+03	-7.184E-03	-2.640E+05	1.505E+07	-5.768E-02	-2.310E-03
202	3	254.50	7	2.604E+04	2.789E+04	-1.023E+03	-3.057E-02	3.404E+05	1.506E+07	-5.773E-02	2.978E-03
202	3	254.50	8	2.604E+04	2.789E+04	-9.701E+02	-3.118E-02	3.286E+05	1.506E+07	-5.773E-02	2.875E-03
202	3	254.50	9	-3.162E+04	2.791E+04	1.680E+03	-6.560E-03	-1.894E+05	1.504E+07	-5.766E-02	-1.657E-03
202	3	254.50	10	-3.162E+04	2.791E+04	1.732E+03	-7.167E-03	-2.012E+05	1.504E+07	-5.766E-02	-1.760E-03
202	3	254.50	11	-3.530E+04	2.788E+04	-8.136E+02	-3.055E-02	4.032E+05	1.505E+07	-5.770E-02	3.527E-03
202	3	254.50	12	-3.530E+04	2.788E+04	-7.611E+02	-3.116E-02	3.914E+05	1.505E+07	-5.770E-02	3.424E-03
202	3	254.50	13	-3.193E+04	2.791E+04	1.576E+03	-6.577E-03	-2.316E+05	1.504E+07	-5.766E-02	-2.026E-03
202	3	254.50	14	-3.193E+04	2.790E+04	1.629E+03	-7.184E-03	-2.434E+05	1.504E+07	-5.766E-02	-2.129E-03
202	3	254.50	15	-3.561E+04	2.788E+04	-9.172E+02	-3.057E-02	3.611E+05	1.505E+07	-5.770E-02	3.159E-03
202	3	254.50	16	-3.561E+04	2.788E+04	-8.647E+02	-3.118E-02	3.493E+05	1.505E+07	-5.770E-02	3.055E-03
202	4	381.75	1	3.004E+04	2.576E+04	1.574E+03	-6.561E-03	-4.073E+05	1.846E+07	-4.658E-02	-1.807E-03
202	4	381.75	2	3.004E+04	2.576E+04	1.627E+03	-7.167E-03	-4.257E+05	1.846E+07	-4.658E-02	-1.899E-03
202	4	381.75	3	2.635E+04	2.573E+04	-9.190E+02	-3.055E-02	4.964E+05	1.847E+07	-4.661E-02	2.757E-03
202	4	381.75	4	2.636E+04	2.573E+04	-8.665E+02	-3.116E-02	4.779E+05	1.847E+07	-4.661E-02	2.665E-03
202	4	381.75	5	2.973E+04	2.576E+04	1.471E+03	-6.577E-03	-4.363E+05	1.846E+07	-4.658E-02	-2.055E-03
202	4	381.75	6	2.973E+04	2.576E+04	1.523E+03	-7.184E-03	-4.547E+05	1.846E+07	-4.658E-02	-2.147E-03
202	4	381.75	7	2.604E+04	2.573E+04	-1.023E+03	-3.057E-02	4.674E+05	1.847E+07	-4.661E-02	2.509E-03
202	4	381.75	8	2.605E+04	2.573E+04	-9.701E+02	-3.118E-02	4.489E+05	1.847E+07	-4.661E-02	2.417E-03
202	4	381.75	9	-3.162E+04	2.575E+04	1.680E+03	-6.560E-03	-4.000E+05	1.845E+07	-4.656E-02	-1.701E-03
202	4	381.75	10	-3.161E+04	2.575E+04	1.732E+03	-7.167E-03	-4.185E+05	1.845E+07	-4.656E-02	-1.793E-03
202	4	381.75	11	-3.530E+04	2.572E+04	-8.136E+02	-3.055E-02	5.036E+05	1.846E+07	-4.659E-02	2.863E-03
202	4	381.75	12	-3.530E+04	2.572E+04	-7.611E+02	-3.116E-02	4.851E+05	1.846E+07	-4.659E-02	2.771E-03
202	4	381.75	13	-3.193E+04	2.575E+04	1.576E+03	-6.577E-03	-4.290E+05	1.845E+07	-4.656E-02	-1.949E-03
202	4	381.75	14	-3.192E+04	2.575E+04	1.629E+03	-7.184E-03	-4.475E+05	1.845E+07	-4.656E-02	-2.041E-03
202	4	381.75	15	-3.561E+04	2.572E+04	-9.172E+02	-3.057E-02	4.746E+05	1.846E+07	-4.659E-02	2.615E-03
202	4	381.75	16	-3.561E+04	2.572E+04	-8.647E+02	-3.118E-02	4.562E+05	1.846E+07	-4.659E-02	2.523E-03
202	5	509.00	1	3.004E+04	2.361E+04	1.574E+03	-6.561E-03	-6.061E+05	2.160E+07	2.702E-09	3.774E-10
202	5	509.00	2	3.004E+04	2.361E+04	1.627E+03	-7.167E-03	-6.313E+05	2.160E+07	2.702E-09	3.691E-10
202	5	509.00	3	2.636E+04	2.358E+04	-9.190E+02	-3.055E-02	6.118E+05	2.161E+07	2.692E-09	-2.358E-10
202	5	509.00	4	2.636E+04	2.358E+04	-8.665E+02	-3.116E-02	5.866E+05	2.161E+07	2.692E-09	-2.441E-10
202	5	509.00	5	2.973E+04	2.361E+04	1.471E+03	-6.577E-03	-6.219E+05	2.160E+07	2.702E-09	3.280E-10
202	5	509.00	6	2.973E+04	2.361E+04	1.523E+03	-7.184E-03	-6.471E+05	2.160E+07	2.702E-09	3.197E-10
202	5	509.00	7	2.605E+04	2.358E+04	-1.023E+03	-3.057E-02	5.960E+05	2.161E+07	2.692E-09	-2.852E-10
202	5	509.00	8	2.605E+04	2.358E+04	-9.701E+02	-3.118E-02	5.708E+05	2.161E+07	2.692E-09	-2.935E-10
202	5	509.00	9	-3.161E+04	2.360E+04	1.680E+03	-6.560E-03	-6.123E+05	2.159E+07	2.709E-09	3.724E-10
202	5	509.00	10	-3.161E+04	2.360E+04	1.732E+03	-7.167E-03	-6.374E+05	2.159E+07	2.709E-09	3.641E-10
202	5	509.00	11	-3.530E+04	2.357E+04	-8.136E+02	-3.055E-02	6.056E+05	2.160E+07	2.699E-09	-2.408E-10
202	5	509.00	12	-3.530E+04	2.357E+04	-7.611E+02	-3.116E-02	5.805E+05	2.160E+07	2.699E-09	-2.491E-10
202	5	509.00	13	-3.192E+04	2.360E+04	1.576E+03	-6.577E-03	-6.281E+05	2.159E+07	2.709E-09	3.230E-10
202	5	509.00	14	-3.192E+04	2.360E+04	1.629E+03	-7.184E-03	-6.532E+05	2.159E+07	2.709E-09	3.147E-10
202	5	509.00	15	-3.561E+04	2.357E+04	-9.172E+02	-3.057E-02	5.898E+05	2.160E+07	2.699E-09	-2.902E-10
202	5	509.00	16	-3.561E+04	2.357E+04	-8.647E+02	-3.118E-02	5.647E+05	2.160E+07	2.699E-09	-2.985E-10
203	1	0.00	1	2.212E+04	1.398E+04	6.008E+02	2.190E-02	-5.068E+05	2.161E+07	0.000E+00	0.000E+00
203	1	0.00	2	2.210E+04	1.398E+04	6.190E+02	2.128E-02	-5.291E+05	2.161E+07	0.000E+00	0.000E+00
203	1	0.00	3	2.588E+04	1.400E+04	-4.379E+02	-2.451E-03	6.038E+05	2.160E+07	0.000E+00	0.000E+00
203	1	0.00	4	2.586E+04	1.400E+04	-4.198E+02	-3.066E-03	5.816E+05	2.160E+07	0.000E+00	0.000E+00
203	1	0.00	5	2.225E+04	1.398E+04	4.973E+02	2.190E-02	-5.468E+05	2.161E+07	0.000E+00	0.000E+00
203	1	0.00	6	2.223E+04	1.398E+04	5.154E+02	2.128E-02	-5.691E+05	2.161E+07	0.000E+00	0.000E+00
203	1	0.00	7	2.602E+04	1.400E+04	-5.415E+02	-2.453E-03	5.639E+05	2.160E+07	0.000E+00	0.000E+00
203	1	0.00	8	2.600E+04	1.401E+04	-5.233E+02	-3.068E-03	5.416E+05	2.160E+07	0.000E+00	0.000E+00
203	1	0.00	9	-3.154E+04	1.397E+04	6.133E+02	2.190E-02	-5.008E+05	2.160E+07	0.000E+00	0.000E+00
203	1	0.00	10	-3.156E+04	1.397E+04	6.315E+02	2.128E-02	-5.230E+05	2.160E+07	0.000E+00	0.000E+00
203	1	0.00	11	-2.778E+04	1.400E+04	-4.254E+02	-2.451E-03	6.099E+05	2.159E+07	0.000E+00	0.000E+00

203	1	0.00	12	-2.780E+04	1.400E+04	-4.073E+02	-3.066E-03	5.877E+05	2.159E+07	0.000E+00	0.000E+00
203	1	0.00	13	-3.141E+04	1.397E+04	5.098E+02	2.190E-02	-5.407E+05	2.160E+07	0.000E+00	0.000E+00
203	1	0.00	14	-3.143E+04	1.397E+04	5.279E+02	2.128E-02	-5.630E+05	2.160E+07	0.000E+00	0.000E+00
203	1	0.00	15	-2.764E+04	1.400E+04	-5.290E+02	-2.453E-03	5.700E+05	2.159E+07	0.000E+00	0.000E+00
203	1	0.00	16	-2.766E+04	1.400E+04	-5.108E+02	-3.068E-03	5.477E+05	2.159E+07	0.000E+00	0.000E+00
203	2	127.50	1	2.212E+04	1.182E+04	6.008E+02	2.190E-02	-5.780E+05	2.326E+07	-6.966E-02	-4.123E-03
203	2	127.50	2	2.210E+04	1.182E+04	6.190E+02	2.128E-02	-6.025E+05	2.326E+07	-6.966E-02	-4.295E-03
203	2	127.50	3	2.588E+04	1.185E+04	-4.379E+02	-2.451E-03	6.542E+05	2.325E+07	-6.964E-02	4.534E-03
203	2	127.50	4	2.586E+04	1.185E+04	-4.198E+02	-3.066E-03	6.297E+05	2.325E+07	-6.964E-02	4.362E-03
203	2	127.50	5	2.226E+04	1.182E+04	4.973E+02	2.190E-02	-6.048E+05	2.326E+07	-6.966E-02	-4.242E-03
203	2	127.50	6	2.223E+04	1.182E+04	5.154E+02	2.128E-02	-6.293E+05	2.326E+07	-6.966E-02	-4.413E-03
203	2	127.50	7	2.602E+04	1.185E+04	-5.415E+02	-2.453E-03	6.274E+05	2.325E+07	-6.964E-02	4.416E-03
203	2	127.50	8	2.600E+04	1.185E+04	-5.233E+02	-3.068E-03	6.029E+05	2.325E+07	-6.964E-02	4.244E-03
203	2	127.50	9	-3.154E+04	1.181E+04	6.133E+02	2.190E-02	-5.735E+05	2.325E+07	-6.963E-02	-4.101E-03
203	2	127.50	10	-3.156E+04	1.181E+04	6.315E+02	2.128E-02	-5.980E+05	2.324E+07	-6.962E-02	-4.272E-03
203	2	127.50	11	-2.778E+04	1.184E+04	-4.254E+02	-2.451E-03	6.587E+05	2.324E+07	-6.961E-02	4.557E-03
203	2	127.50	12	-2.780E+04	1.184E+04	-4.073E+02	-3.066E-03	6.342E+05	2.324E+07	-6.961E-02	4.385E-03
203	2	127.50	13	-3.140E+04	1.181E+04	5.098E+02	2.190E-02	-6.003E+05	2.325E+07	-6.963E-02	-4.219E-03
203	2	127.50	14	-3.143E+04	1.181E+04	5.279E+02	2.128E-02	-6.248E+05	2.325E+07	-6.963E-02	-4.391E-03
203	2	127.50	15	-2.764E+04	1.184E+04	-5.290E+02	-2.453E-03	6.320E+05	2.324E+07	-6.961E-02	4.438E-03
203	2	127.50	16	-2.766E+04	1.184E+04	-5.108E+02	-3.068E-03	6.074E+05	2.324E+07	-6.961E-02	4.267E-03
203	3	255.00	1	2.212E+04	9.659E+03	6.008E+02	2.190E-02	-6.502E+05	2.462E+07	-9.453E-02	-5.710E-03
203	3	255.00	2	2.210E+04	9.660E+03	6.190E+02	2.128E-02	-6.770E+05	2.462E+07	-9.453E-02	-5.946E-03
203	3	255.00	3	2.589E+04	9.688E+03	-4.379E+02	-2.451E-03	7.056E+05	2.462E+07	-9.452E-02	6.197E-03
203	3	255.00	4	2.587E+04	9.688E+03	-4.198E+02	-3.066E-03	6.788E+05	2.462E+07	-9.452E-02	5.961E-03
203	3	255.00	5	2.226E+04	9.659E+03	4.973E+02	2.190E-02	-6.637E+05	2.463E+07	-9.453E-02	-5.829E-03
203	3	255.00	6	2.224E+04	9.660E+03	5.154E+02	2.128E-02	-6.906E+05	2.463E+07	-9.453E-02	-6.065E-03
203	3	255.00	7	2.602E+04	9.688E+03	-5.415E+02	-2.453E-03	6.920E+05	2.462E+07	-9.452E-02	6.078E-03
203	3	255.00	8	2.600E+04	9.689E+03	-5.233E+02	-3.068E-03	6.652E+05	2.462E+07	-9.452E-02	5.842E-03
203	3	255.00	9	-3.154E+04	9.656E+03	6.133E+02	2.190E-02	-6.473E+05	2.461E+07	-9.449E-02	-5.684E-03
203	3	255.00	10	-3.156E+04	9.656E+03	6.315E+02	2.128E-02	-6.741E+05	2.461E+07	-9.449E-02	-5.920E-03
203	3	255.00	11	-2.777E+04	9.684E+03	-4.254E+02	-2.451E-03	7.085E+05	2.461E+07	-9.448E-02	6.222E-03
203	3	255.00	12	-2.780E+04	9.685E+03	-4.073E+02	-3.066E-03	6.817E+05	2.461E+07	-9.448E-02	5.986E-03
203	3	255.00	13	-3.140E+04	9.656E+03	5.098E+02	2.190E-02	-6.608E+05	2.461E+07	-9.449E-02	-5.803E-03
203	3	255.00	14	-3.142E+04	9.656E+03	5.279E+02	2.128E-02	-6.877E+05	2.461E+07	-9.449E-02	-6.039E-03
203	3	255.00	15	-2.764E+04	9.685E+03	-5.290E+02	-2.453E-03	6.950E+05	2.461E+07	-9.448E-02	6.103E-03
203	3	255.00	16	-2.766E+04	9.685E+03	-5.108E+02	-3.068E-03	6.681E+05	2.461E+07	-9.448E-02	5.867E-03
203	4	382.50	1	2.212E+04	7.501E+03	6.008E+02	2.190E-02	-7.231E+05	2.572E+07	-7.201E-02	-4.442E-03
203	4	382.50	2	2.210E+04	7.501E+03	6.190E+02	2.128E-02	-7.523E+05	2.572E+07	-7.201E-02	-4.624E-03
203	4	382.50	3	2.589E+04	7.529E+03	-4.379E+02	-2.451E-03	7.578E+05	2.572E+07	-7.200E-02	4.762E-03
203	4	382.50	4	2.587E+04	7.530E+03	-4.198E+02	-3.066E-03	7.286E+05	2.572E+07	-7.200E-02	4.580E-03
203	4	382.50	5	2.226E+04	7.501E+03	4.973E+02	2.190E-02	-7.235E+05	2.572E+07	-7.201E-02	-4.502E-03
203	4	382.50	6	2.224E+04	7.502E+03	5.154E+02	2.128E-02	-7.526E+05	2.572E+07	-7.201E-02	-4.684E-03
203	4	382.50	7	2.602E+04	7.530E+03	-5.415E+02	-2.453E-03	7.574E+05	2.572E+07	-7.200E-02	4.701E-03
203	4	382.50	8	2.600E+04	7.530E+03	-5.233E+02	-3.068E-03	7.283E+05	2.572E+07	-7.200E-02	4.519E-03
203	4	382.50	9	-3.154E+04	7.497E+03	6.133E+02	2.190E-02	-7.218E+05	2.571E+07	-7.198E-02	-4.426E-03
203	4	382.50	10	-3.156E+04	7.498E+03	6.315E+02	2.128E-02	-7.510E+05	2.571E+07	-7.198E-02	-4.608E-03
203	4	382.50	11	-2.777E+04	7.526E+03	-4.254E+02	-2.451E-03	7.591E+05	2.571E+07	-7.197E-02	4.777E-03
203	4	382.50	12	-2.779E+04	7.527E+03	-4.073E+02	-3.066E-03	7.299E+05	2.571E+07	-7.197E-02	4.595E-03
203	4	382.50	13	-3.140E+04	7.498E+03	5.098E+02	2.190E-02	-7.221E+05	2.571E+07	-7.198E-02	-4.487E-03
203	4	382.50	14	-3.142E+04	7.498E+03	5.279E+02	2.128E-02	-7.513E+05	2.571E+07	-7.198E-02	-4.669E-03
203	4	382.50	15	-2.764E+04	7.526E+03	-5.290E+02	-2.453E-03	7.587E+05	2.571E+07	-7.197E-02	4.717E-03
203	4	382.50	16	-2.766E+04	7.527E+03	-5.108E+02	-3.068E-03	7.296E+05	2.571E+07	-7.197E-02	4.535E-03
203	5	510.00	1	2.213E+04	5.342E+03	6.008E+02	2.190E-02	-7.966E+05	2.654E+07	-1.006E-08	-7.551E-10
203	5	510.00	2	2.211E+04	5.343E+03	6.190E+02	2.128E-02	-8.281E+05	2.654E+07	-1.006E-08	-7.292E-10
203	5	510.00	3	2.589E+04	5.371E+03	-4.379E+02	-2.451E-03	8.105E+05	2.654E+07	-1.005E-08	6.999E-10
203	5	510.00	4	2.587E+04	5.372E+03	-4.198E+02	-3.066E-03	7.790E+05	2.654E+07	-1.005E-08	7.258E-10
203	5	510.00	5	2.226E+04	5.343E+03	4.973E+02	2.190E-02	-7.838E+05	2.654E+07	-1.006E-08	-7.414E-10
203	5	510.00	6	2.224E+04	5.343E+03	5.154E+02	2.128E-02	-8.152E+05	2.654E+07	-1.006E-08	-7.156E-10
203	5	510.00	7	2.603E+04	5.371E+03	-5.415E+02	-2.453E-03	8.234E+05	2.654E+07	-1.005E-08	7.136E-10
203	5	510.00	8	2.600E+04	5.372E+03	-5.233E+02	-3.068E-03	7.919E+05	2.654E+07	-1.005E-08	7.394E-10
203	5	510.00	9	-3.153E+04	5.339E+03	6.133E+02	2.190E-02	-7.969E+05	2.653E+07	-1.006E-08	-7.486E-10

203	5	510.00	10	-3.155E+04	5.340E+03	6.315E+02	2.128E-02	-8.284E+05	2.653E+07	-1.006E-08	-7.227E-10
203	5	510.00	11	-2.777E+04	5.368E+03	-4.254E+02	-2.451E-03	8.102E+05	2.653E+07	-1.005E-08	7.064E-10
203	5	510.00	12	-2.779E+04	5.369E+03	-4.073E+02	-3.066E-03	7.788E+05	2.653E+07	-1.005E-08	7.323E-10
203	5	510.00	13	-3.140E+04	5.339E+03	5.098E+02	2.190E-02	-7.841E+05	2.653E+07	-1.006E-08	-7.349E-10
203	5	510.00	14	-3.142E+04	5.340E+03	5.279E+02	2.128E-02	-8.155E+05	2.653E+07	-1.006E-08	-7.091E-10
203	5	510.00	15	-2.763E+04	5.368E+03	-5.290E+02	-2.453E-03	8.231E+05	2.653E+07	-1.005E-08	7.201E-10
203	5	510.00	16	-2.766E+04	5.369E+03	-5.108E+02	-3.068E-03	7.916E+05	2.653E+07	-1.005E-08	7.460E-10
204	1	0.00	1	2.600E+04	1.401E+04	5.233E+02	3.068E-03	-5.416E+05	2.160E+07	0.000E+00	0.000E+00
204	1	0.00	2	2.602E+04	1.400E+04	5.415E+02	2.453E-03	-5.639E+05	2.160E+07	0.000E+00	0.000E+00
204	1	0.00	3	2.223E+04	1.398E+04	-5.154E+02	-2.128E-02	5.691E+05	2.161E+07	0.000E+00	0.000E+00
204	1	0.00	4	2.225E+04	1.398E+04	-4.973E+02	-2.190E-02	5.468E+05	2.161E+07	0.000E+00	0.000E+00
204	1	0.00	5	2.586E+04	1.400E+04	4.198E+02	3.066E-03	-5.816E+05	2.160E+07	0.000E+00	0.000E+00
204	1	0.00	6	2.588E+04	1.400E+04	4.379E+02	2.451E-03	-6.038E+05	2.160E+07	0.000E+00	0.000E+00
204	1	0.00	7	2.210E+04	1.398E+04	-6.190E+02	-2.128E-02	5.291E+05	2.161E+07	0.000E+00	0.000E+00
204	1	0.00	8	2.212E+04	1.398E+04	-6.008E+02	-2.190E-02	5.068E+05	2.161E+07	0.000E+00	0.000E+00
204	1	0.00	9	-2.766E+04	1.400E+04	5.108E+02	3.068E-03	-5.477E+05	2.159E+07	0.000E+00	0.000E+00
204	1	0.00	10	-2.764E+04	1.400E+04	5.290E+02	2.453E-03	-5.700E+05	2.159E+07	0.000E+00	0.000E+00
204	1	0.00	11	-3.143E+04	1.397E+04	-5.279E+02	-2.128E-02	5.630E+05	2.160E+07	0.000E+00	0.000E+00
204	1	0.00	12	-3.141E+04	1.397E+04	-5.098E+02	-2.190E-02	5.407E+05	2.160E+07	0.000E+00	0.000E+00
204	1	0.00	13	-2.780E+04	1.400E+04	4.073E+02	3.066E-03	-5.877E+05	2.159E+07	0.000E+00	0.000E+00
204	1	0.00	14	-2.778E+04	1.400E+04	4.254E+02	2.451E-03	-6.099E+05	2.159E+07	0.000E+00	0.000E+00
204	1	0.00	15	-3.156E+04	1.397E+04	-6.315E+02	-2.128E-02	5.230E+05	2.160E+07	0.000E+00	0.000E+00
204	1	0.00	16	-3.154E+04	1.397E+04	-6.133E+02	-2.190E-02	5.008E+05	2.160E+07	0.000E+00	0.000E+00
204	2	127.50	1	2.600E+04	1.185E+04	5.233E+02	3.068E-03	-6.029E+05	2.325E+07	-6.964E-02	-4.244E-03
204	2	127.50	2	2.602E+04	1.185E+04	5.415E+02	2.453E-03	-6.274E+05	2.325E+07	-6.964E-02	-4.416E-03
204	2	127.50	3	2.223E+04	1.182E+04	-5.154E+02	-2.128E-02	6.293E+05	2.326E+07	-6.966E-02	4.413E-03
204	2	127.50	4	2.226E+04	1.182E+04	-4.973E+02	-2.190E-02	6.048E+05	2.326E+07	-6.966E-02	4.242E-03
204	2	127.50	5	2.586E+04	1.185E+04	4.198E+02	3.066E-03	-6.297E+05	2.325E+07	-6.964E-02	-4.362E-03
204	2	127.50	6	2.588E+04	1.185E+04	4.379E+02	2.451E-03	-6.542E+05	2.325E+07	-6.964E-02	-4.534E-03
204	2	127.50	7	2.210E+04	1.182E+04	-6.190E+02	-2.128E-02	6.025E+05	2.326E+07	-6.966E-02	4.295E-03
204	2	127.50	8	2.212E+04	1.182E+04	-6.008E+02	-2.190E-02	5.780E+05	2.326E+07	-6.966E-02	4.123E-03
204	2	127.50	9	-2.766E+04	1.184E+04	5.108E+02	3.068E-03	-6.074E+05	2.324E+07	-6.961E-02	-4.267E-03
204	2	127.50	10	-2.764E+04	1.184E+04	5.290E+02	2.453E-03	-6.320E+05	2.324E+07	-6.961E-02	-4.438E-03
204	2	127.50	11	-3.143E+04	1.181E+04	-5.279E+02	-2.128E-02	6.248E+05	2.325E+07	-6.963E-02	4.391E-03
204	2	127.50	12	-3.140E+04	1.181E+04	-5.098E+02	-2.190E-02	6.003E+05	2.325E+07	-6.963E-02	4.219E-03
204	2	127.50	13	-2.780E+04	1.184E+04	4.073E+02	3.066E-03	-6.342E+05	2.324E+07	-6.961E-02	-4.385E-03
204	2	127.50	14	-2.778E+04	1.184E+04	4.254E+02	2.451E-03	-6.587E+05	2.324E+07	-6.961E-02	-4.557E-03
204	2	127.50	15	-3.156E+04	1.181E+04	-6.315E+02	-2.128E-02	5.980E+05	2.324E+07	-6.962E-02	4.272E-03
204	2	127.50	16	-3.154E+04	1.181E+04	-6.133E+02	-2.190E-02	5.735E+05	2.325E+07	-6.963E-02	4.101E-03
204	3	255.00	1	2.600E+04	9.689E+03	5.233E+02	3.068E-03	-6.652E+05	2.462E+07	-9.452E-02	-5.842E-03
204	3	255.00	2	2.602E+04	9.688E+03	5.415E+02	2.453E-03	-6.920E+05	2.462E+07	-9.452E-02	-6.078E-03
204	3	255.00	3	2.224E+04	9.660E+03	-5.154E+02	-2.128E-02	6.906E+05	2.463E+07	-9.453E-02	6.065E-03
204	3	255.00	4	2.226E+04	9.659E+03	-4.973E+02	-2.190E-02	6.637E+05	2.463E+07	-9.453E-02	5.829E-03
204	3	255.00	5	2.587E+04	9.688E+03	4.198E+02	3.066E-03	-6.788E+05	2.462E+07	-9.452E-02	-5.961E-03
204	3	255.00	6	2.589E+04	9.688E+03	4.379E+02	2.451E-03	-7.056E+05	2.462E+07	-9.452E-02	-6.197E-03
204	3	255.00	7	2.210E+04	9.660E+03	-6.190E+02	-2.128E-02	6.770E+05	2.462E+07	-9.453E-02	5.946E-03
204	3	255.00	8	2.212E+04	9.659E+03	-6.008E+02	-2.190E-02	6.502E+05	2.462E+07	-9.453E-02	5.710E-03
204	3	255.00	9	-2.766E+04	9.685E+03	5.108E+02	3.068E-03	-6.681E+05	2.461E+07	-9.448E-02	-5.867E-03
204	3	255.00	10	-2.764E+04	9.685E+03	5.290E+02	2.453E-03	-6.950E+05	2.461E+07	-9.448E-02	-6.103E-03
204	3	255.00	11	-3.142E+04	9.656E+03	-5.279E+02	-2.128E-02	6.877E+05	2.461E+07	-9.449E-02	6.039E-03
204	3	255.00	12	-3.140E+04	9.656E+03	-5.098E+02	-2.190E-02	6.608E+05	2.461E+07	-9.449E-02	5.803E-03
204	3	255.00	13	-2.780E+04	9.685E+03	4.073E+02	3.066E-03	-6.817E+05	2.461E+07	-9.448E-02	-5.986E-03
204	3	255.00	14	-2.777E+04	9.684E+03	4.254E+02	2.451E-03	-7.085E+05	2.461E+07	-9.448E-02	-6.222E-03
204	3	255.00	15	-3.156E+04	9.656E+03	-6.315E+02	-2.128E-02	6.741E+05	2.461E+07	-9.449E-02	5.920E-03
204	3	255.00	16	-3.154E+04	9.656E+03	-6.133E+02	-2.190E-02	6.473E+05	2.461E+07	-9.449E-02	5.684E-03
204	4	382.50	1	2.600E+04	7.530E+03	5.233E+02	3.068E-03	-7.283E+05	2.572E+07	-7.200E-02	-4.519E-03
204	4	382.50	2	2.602E+04	7.530E+03	5.415E+02	2.453E-03	-7.574E+05	2.572E+07	-7.200E-02	-4.701E-03
204	4	382.50	3	2.224E+04	7.502E+03	-5.154E+02	-2.128E-02	7.526E+05	2.572E+07	-7.201E-02	4.684E-03
204	4	382.50	4	2.226E+04	7.501E+03	-4.973E+02	-2.190E-02	7.235E+05	2.572E+07	-7.201E-02	4.502E-03
204	4	382.50	5	2.587E+04	7.530E+03	4.198E+02	3.066E-03	-7.286E+05	2.572E+07	-7.200E-02	-4.580E-03
204	4	382.50	6	2.589E+04	7.529E+03	4.379E+02	2.451E-03	-7.578E+05	2.572E+07	-7.200E-02	-4.762E-03
204	4	382.50	7	2.210E+04	7.501E+03	-6.190E+02	-2.128E-02	7.523E+05	2.572E+07	-7.201E-02	4.624E-03

204	4	382.50	8	2.212E+04	7.501E+03	-6.008E+02	-2.190E-02	7.231E+05	2.572E+07	-7.201E-02	4.442E-03
204	4	382.50	9	-2.766E+04	7.527E+03	5.108E+02	3.068E-03	-7.296E+05	2.571E+07	-7.197E-02	-4.535E-03
204	4	382.50	10	-2.764E+04	7.526E+03	5.290E+02	2.453E-03	-7.587E+05	2.571E+07	-7.197E-02	-4.717E-03
204	4	382.50	11	-3.142E+04	7.498E+03	-5.279E+02	-2.128E-02	7.513E+05	2.571E+07	-7.198E-02	4.669E-03
204	4	382.50	12	-3.140E+04	7.498E+03	-5.098E+02	-2.190E-02	7.221E+05	2.571E+07	-7.198E-02	4.487E-03
204	4	382.50	13	-2.779E+04	7.527E+03	4.073E+02	3.066E-03	-7.299E+05	2.571E+07	-7.197E-02	-4.595E-03
204	4	382.50	14	-2.777E+04	7.526E+03	4.254E+02	2.451E-03	-7.591E+05	2.571E+07	-7.197E-02	-4.777E-03
204	4	382.50	15	-3.156E+04	7.498E+03	-6.315E+02	-2.128E-02	7.510E+05	2.571E+07	-7.198E-02	4.608E-03
204	4	382.50	16	-3.154E+04	7.497E+03	-6.133E+02	-2.190E-02	7.218E+05	2.571E+07	-7.198E-02	4.426E-03
204	5	510.00	1	2.600E+04	5.372E+03	5.233E+02	3.068E-03	-7.919E+05	2.654E+07	-1.005E-08	-7.394E-10
204	5	510.00	2	2.603E+04	5.371E+03	5.415E+02	2.453E-03	-8.234E+05	2.654E+07	-1.005E-08	-7.136E-10
204	5	510.00	3	2.224E+04	5.343E+03	-5.154E+02	-2.128E-02	8.152E+05	2.654E+07	-1.006E-08	7.156E-10
204	5	510.00	4	2.226E+04	5.343E+03	-4.973E+02	-2.190E-02	7.838E+05	2.654E+07	-1.006E-08	7.414E-10
204	5	510.00	5	2.587E+04	5.372E+03	4.198E+02	3.066E-03	-7.790E+05	2.654E+07	-1.005E-08	-7.258E-10
204	5	510.00	6	2.589E+04	5.371E+03	4.379E+02	2.451E-03	-8.105E+05	2.654E+07	-1.005E-08	-6.999E-10
204	5	510.00	7	2.211E+04	5.343E+03	-6.190E+02	-2.128E-02	8.281E+05	2.654E+07	-1.006E-08	7.292E-10
204	5	510.00	8	2.213E+04	5.342E+03	-6.008E+02	-2.190E-02	7.966E+05	2.654E+07	-1.006E-08	7.551E-10
204	5	510.00	9	-2.766E+04	5.369E+03	5.108E+02	3.068E-03	-7.916E+05	2.653E+07	-1.005E-08	-7.460E-10
204	5	510.00	10	-2.763E+04	5.368E+03	5.290E+02	2.453E-03	-8.231E+05	2.653E+07	-1.005E-08	-7.201E-10
204	5	510.00	11	-3.142E+04	5.340E+03	-5.279E+02	-2.128E-02	8.155E+05	2.653E+07	-1.006E-08	7.090E-10
204	5	510.00	12	-3.140E+04	5.339E+03	-5.098E+02	-2.190E-02	7.841E+05	2.653E+07	-1.006E-08	7.349E-10
204	5	510.00	13	-2.779E+04	5.369E+03	4.073E+02	3.066E-03	-7.788E+05	2.653E+07	-1.005E-08	-7.323E-10
204	5	510.00	14	-2.777E+04	5.368E+03	4.254E+02	2.451E-03	-8.102E+05	2.653E+07	-1.005E-08	-7.064E-10
204	5	510.00	15	-3.155E+04	5.340E+03	-6.315E+02	-2.128E-02	8.284E+05	2.653E+07	-1.006E-08	7.227E-10
204	5	510.00	16	-3.153E+04	5.339E+03	-6.133E+02	-2.190E-02	7.969E+05	2.653E+07	-1.006E-08	7.486E-10
205	1	0.00	1	1.793E+04	-5.373E+03	-4.149E+02	3.060E-03	-7.752E+05	2.654E+07	0.000E+00	0.000E+00
205	1	0.00	2	1.790E+04	-5.372E+03	-4.291E+02	2.445E-03	-8.056E+05	2.654E+07	0.000E+00	0.000E+00
205	1	0.00	3	2.171E+04	-5.344E+03	4.398E+02	-2.129E-02	8.131E+05	2.654E+07	0.000E+00	0.000E+00
205	1	0.00	4	2.168E+04	-5.343E+03	4.256E+02	-2.191E-02	7.827E+05	2.654E+07	0.000E+00	0.000E+00
205	1	0.00	5	1.788E+04	-5.373E+03	-5.185E+02	3.077E-03	-7.876E+05	2.654E+07	0.000E+00	0.000E+00
205	1	0.00	6	1.785E+04	-5.372E+03	-5.327E+02	2.462E-03	-8.180E+05	2.654E+07	0.000E+00	0.000E+00
205	1	0.00	7	2.166E+04	-5.344E+03	3.362E+02	-2.128E-02	8.008E+05	2.654E+07	0.000E+00	0.000E+00
205	1	0.00	8	2.163E+04	-5.343E+03	3.220E+02	-2.189E-02	7.704E+05	2.654E+07	0.000E+00	0.000E+00
205	1	0.00	9	-2.714E+04	-5.368E+03	-4.122E+02	3.060E-03	-7.755E+05	2.653E+07	0.000E+00	0.000E+00
205	1	0.00	10	-2.717E+04	-5.367E+03	-4.265E+02	2.445E-03	-8.059E+05	2.653E+07	0.000E+00	0.000E+00
205	1	0.00	11	-2.336E+04	-5.339E+03	4.425E+02	-2.129E-02	8.129E+05	2.653E+07	0.000E+00	0.000E+00
205	1	0.00	12	-2.339E+04	-5.338E+03	4.282E+02	-2.191E-02	7.825E+05	2.653E+07	0.000E+00	0.000E+00
205	1	0.00	13	-2.719E+04	-5.368E+03	-5.158E+02	3.077E-03	-7.879E+05	2.653E+07	0.000E+00	0.000E+00
205	1	0.00	14	-2.722E+04	-5.367E+03	-5.301E+02	2.462E-03	-8.183E+05	2.653E+07	0.000E+00	0.000E+00
205	1	0.00	15	-2.341E+04	-5.339E+03	3.389E+02	-2.128E-02	8.005E+05	2.653E+07	0.000E+00	0.000E+00
205	1	0.00	16	-2.344E+04	-5.338E+03	3.246E+02	-2.189E-02	7.701E+05	2.653E+07	0.000E+00	0.000E+00
205	2	127.50	1	1.793E+04	-7.531E+03	-4.149E+02	3.060E-03	-7.264E+05	2.572E+07	-7.200E-02	-4.572E-03
205	2	127.50	2	1.791E+04	-7.530E+03	-4.291E+02	2.445E-03	-7.550E+05	2.572E+07	-7.200E-02	-4.752E-03
205	2	127.50	3	2.171E+04	-7.502E+03	4.398E+02	-2.129E-02	7.611E+05	2.572E+07	-7.201E-02	4.787E-03
205	2	127.50	4	2.169E+04	-7.501E+03	4.256E+02	-2.191E-02	7.325E+05	2.572E+07	-7.201E-02	4.607E-03
205	2	127.50	5	1.788E+04	-7.531E+03	-5.185E+02	3.077E-03	-7.256E+05	2.572E+07	-7.200E-02	-4.509E-03
205	2	127.50	6	1.785E+04	-7.530E+03	-5.327E+02	2.462E-03	-7.541E+05	2.572E+07	-7.200E-02	-4.689E-03
205	2	127.50	7	2.166E+04	-7.502E+03	3.362E+02	-2.128E-02	7.619E+05	2.572E+07	-7.201E-02	4.850E-03
205	2	127.50	8	2.163E+04	-7.502E+03	3.220E+02	-2.189E-02	7.334E+05	2.572E+07	-7.201E-02	4.670E-03
205	2	127.50	9	-2.714E+04	-7.526E+03	-4.122E+02	3.060E-03	-7.270E+05	2.571E+07	-7.197E-02	-4.578E-03
205	2	127.50	10	-2.716E+04	-7.525E+03	-4.265E+02	2.445E-03	-7.556E+05	2.571E+07	-7.197E-02	-4.758E-03
205	2	127.50	11	-2.336E+04	-7.497E+03	4.425E+02	-2.129E-02	7.605E+05	2.571E+07	-7.198E-02	4.781E-03
205	2	127.50	12	-2.338E+04	-7.496E+03	4.282E+02	-2.191E-02	7.319E+05	2.571E+07	-7.198E-02	4.601E-03
205	2	127.50	13	-2.719E+04	-7.526E+03	-5.158E+02	3.077E-03	-7.262E+05	2.571E+07	-7.197E-02	-4.514E-03
205	2	127.50	14	-2.722E+04	-7.525E+03	-5.301E+02	2.462E-03	-7.547E+05	2.571E+07	-7.197E-02	-4.694E-03
205	2	127.50	15	-2.341E+04	-7.497E+03	3.389E+02	-2.128E-02	7.613E+05	2.571E+07	-7.198E-02	4.845E-03
205	2	127.50	16	-2.344E+04	-7.497E+03	3.246E+02	-2.189E-02	7.327E+05	2.571E+07	-7.198E-02	4.664E-03
205	3	255.00	1	1.794E+04	-9.689E+03	-4.149E+02	3.060E-03	-6.781E+05	2.462E+07	-9.452E-02	-5.956E-03
205	3	255.00	2	1.791E+04	-9.688E+03	-4.291E+02	2.445E-03	-7.049E+05	2.462E+07	-9.452E-02	-6.191E-03
205	3	255.00	3	2.172E+04	-9.660E+03	4.398E+02	-2.129E-02	7.097E+05	2.462E+07	-9.453E-02	6.233E-03
205	3	255.00	4	2.169E+04	-9.660E+03	4.256E+02	-2.191E-02	6.829E+05	2.462E+07	-9.453E-02	5.998E-03
205	3	255.00	5	1.788E+04	-9.689E+03	-5.185E+02	3.077E-03	-6.641E+05	2.462E+07	-9.452E-02	-5.832E-03

205	3	255.00	6	1.785E+04	-9.689E+03	-5.327E+02	2.462E-03	-6.909E+05	2.462E+07	-9.452E-02	-6.067E-03
205	3	255.00	7	2.166E+04	-9.661E+03	3.362E+02	-2.128E-02	7.237E+05	2.462E+07	-9.453E-02	6.356E-03
205	3	255.00	8	2.164E+04	-9.660E+03	3.220E+02	-2.189E-02	6.970E+05	2.463E+07	-9.453E-02	6.121E-03
205	3	255.00	9	-2.713E+04	-9.684E+03	-4.122E+02	3.060E-03	-6.791E+05	2.461E+07	-9.448E-02	-5.964E-03
205	3	255.00	10	-2.716E+04	-9.683E+03	-4.265E+02	2.445E-03	-7.059E+05	2.461E+07	-9.448E-02	-6.199E-03
205	3	255.00	11	-2.335E+04	-9.655E+03	4.425E+02	-2.129E-02	7.087E+05	2.461E+07	-9.449E-02	6.224E-03
205	3	255.00	12	-2.338E+04	-9.655E+03	4.282E+02	-2.191E-02	6.820E+05	2.461E+07	-9.449E-02	5.989E-03
205	3	255.00	13	-2.719E+04	-9.684E+03	-5.158E+02	3.077E-03	-6.651E+05	2.461E+07	-9.448E-02	-5.841E-03
205	3	255.00	14	-2.722E+04	-9.684E+03	-5.301E+02	2.462E-03	-6.918E+05	2.461E+07	-9.448E-02	-6.076E-03
205	3	255.00	15	-2.341E+04	-9.656E+03	3.389E+02	-2.128E-02	7.228E+05	2.461E+07	-9.449E-02	6.347E-03
205	3	255.00	16	-2.344E+04	-9.655E+03	3.246E+02	-2.189E-02	6.960E+05	2.461E+07	-9.449E-02	6.112E-03
205	4	382.50	1	1.794E+04	-1.185E+04	-4.149E+02	3.060E-03	-6.307E+05	2.325E+07	-6.964E-02	-4.362E-03
205	4	382.50	2	1.791E+04	-1.185E+04	-4.291E+02	2.445E-03	-6.556E+05	2.325E+07	-6.964E-02	-4.534E-03
205	4	382.50	3	2.172E+04	-1.182E+04	4.398E+02	-2.129E-02	6.590E+05	2.326E+07	-6.966E-02	4.563E-03
205	4	382.50	4	2.169E+04	-1.182E+04	4.256E+02	-2.191E-02	6.341E+05	2.326E+07	-6.966E-02	4.390E-03
205	4	382.50	5	1.789E+04	-1.185E+04	-5.185E+02	3.077E-03	-6.034E+05	2.325E+07	-6.964E-02	-4.240E-03
205	4	382.50	6	1.786E+04	-1.185E+04	-5.327E+02	2.462E-03	-6.284E+05	2.325E+07	-6.964E-02	-4.413E-03
205	4	382.50	7	2.167E+04	-1.182E+04	3.362E+02	-2.128E-02	6.863E+05	2.326E+07	-6.966E-02	4.684E-03
205	4	382.50	8	2.164E+04	-1.182E+04	3.220E+02	-2.189E-02	6.613E+05	2.326E+07	-6.966E-02	4.512E-03
205	4	382.50	9	-2.713E+04	-1.184E+04	-4.122E+02	3.060E-03	-6.319E+05	2.324E+07	-6.961E-02	-4.369E-03
205	4	382.50	10	-2.716E+04	-1.184E+04	-4.265E+02	2.445E-03	-6.569E+05	2.324E+07	-6.961E-02	-4.541E-03
205	4	382.50	11	-2.335E+04	-1.181E+04	4.425E+02	-2.129E-02	6.577E+05	2.325E+07	-6.963E-02	4.556E-03
205	4	382.50	12	-2.338E+04	-1.181E+04	4.282E+02	-2.191E-02	6.328E+05	2.325E+07	-6.963E-02	4.383E-03
205	4	382.50	13	-2.719E+04	-1.184E+04	-5.158E+02	3.077E-03	-6.047E+05	2.324E+07	-6.961E-02	-4.247E-03
205	4	382.50	14	-2.721E+04	-1.184E+04	-5.301E+02	2.462E-03	-6.297E+05	2.324E+07	-6.961E-02	-4.420E-03
205	4	382.50	15	-2.340E+04	-1.181E+04	3.389E+02	-2.128E-02	6.850E+05	2.325E+07	-6.963E-02	4.677E-03
205	4	382.50	16	-2.343E+04	-1.181E+04	3.246E+02	-2.189E-02	6.600E+05	2.325E+07	-6.963E-02	4.505E-03
205	5	510.00	1	1.794E+04	-1.401E+04	-4.149E+02	3.060E-03	-5.841E+05	2.160E+07	7.287E-09	7.074E-10
205	5	510.00	2	1.791E+04	-1.400E+04	-4.291E+02	2.445E-03	-6.072E+05	2.160E+07	7.287E-09	7.082E-10
205	5	510.00	3	2.172E+04	-1.398E+04	4.398E+02	-2.129E-02	6.093E+05	2.161E+07	7.286E-09	-6.923E-10
205	5	510.00	4	2.169E+04	-1.398E+04	4.256E+02	-2.191E-02	5.862E+05	2.161E+07	7.286E-09	-6.915E-10
205	5	510.00	5	1.789E+04	-1.401E+04	-5.185E+02	3.077E-03	-5.437E+05	2.160E+07	7.287E-09	6.946E-10
205	5	510.00	6	1.786E+04	-1.401E+04	-5.327E+02	2.462E-03	-5.668E+05	2.160E+07	7.287E-09	6.954E-10
205	5	510.00	7	2.167E+04	-1.398E+04	3.362E+02	-2.128E-02	6.498E+05	2.161E+07	7.286E-09	-7.052E-10
205	5	510.00	8	2.164E+04	-1.398E+04	3.220E+02	-2.189E-02	6.266E+05	2.161E+07	7.286E-09	-7.044E-10
205	5	510.00	9	-2.713E+04	-1.400E+04	-4.122E+02	3.060E-03	-5.857E+05	2.159E+07	7.271E-09	7.078E-10
205	5	510.00	10	-2.716E+04	-1.400E+04	-4.265E+02	2.445E-03	-6.089E+05	2.159E+07	7.271E-09	7.086E-10
205	5	510.00	11	-2.335E+04	-1.397E+04	4.425E+02	-2.129E-02	6.077E+05	2.160E+07	7.270E-09	-6.920E-10
205	5	510.00	12	-2.338E+04	-1.397E+04	4.282E+02	-2.191E-02	5.846E+05	2.160E+07	7.270E-09	-6.912E-10
205	5	510.00	13	-2.718E+04	-1.400E+04	-5.158E+02	3.077E-03	-5.453E+05	2.159E+07	7.271E-09	6.949E-10
205	5	510.00	14	-2.721E+04	-1.400E+04	-5.301E+02	2.462E-03	-5.684E+05	2.159E+07	7.271E-09	6.957E-10
205	5	510.00	15	-2.340E+04	-1.397E+04	3.389E+02	-2.128E-02	6.481E+05	2.160E+07	7.270E-09	-7.048E-10
205	5	510.00	16	-2.343E+04	-1.397E+04	3.246E+02	-2.189E-02	6.250E+05	2.160E+07	7.270E-09	-7.040E-10
206	1	0.00	1	2.163E+04	-5.343E+03	-3.220E+02	2.189E-02	-7.704E+05	2.654E+07	0.000E+00	0.000E+00
206	1	0.00	2	2.166E+04	-5.344E+03	-3.362E+02	2.128E-02	-8.008E+05	2.654E+07	0.000E+00	0.000E+00
206	1	0.00	3	1.785E+04	-5.372E+03	5.327E+02	-2.462E-03	8.180E+05	2.654E+07	0.000E+00	0.000E+00
206	1	0.00	4	1.788E+04	-5.373E+03	5.185E+02	-3.077E-03	7.876E+05	2.654E+07	0.000E+00	0.000E+00
206	1	0.00	5	2.168E+04	-5.343E+03	-4.256E+02	2.191E-02	-7.827E+05	2.654E+07	0.000E+00	0.000E+00
206	1	0.00	6	2.171E+04	-5.344E+03	-4.398E+02	2.129E-02	-8.131E+05	2.654E+07	0.000E+00	0.000E+00
206	1	0.00	7	1.790E+04	-5.372E+03	4.291E+02	-2.445E-03	8.056E+05	2.654E+07	0.000E+00	0.000E+00
206	1	0.00	8	1.793E+04	-5.373E+03	4.149E+02	-3.060E-03	7.752E+05	2.654E+07	0.000E+00	0.000E+00
206	1	0.00	9	-2.344E+04	-5.338E+03	-3.246E+02	2.189E-02	-7.701E+05	2.653E+07	0.000E+00	0.000E+00
206	1	0.00	10	-2.341E+04	-5.339E+03	-3.389E+02	2.128E-02	-8.005E+05	2.653E+07	0.000E+00	0.000E+00
206	1	0.00	11	-2.722E+04	-5.367E+03	5.301E+02	-2.462E-03	8.183E+05	2.653E+07	0.000E+00	0.000E+00
206	1	0.00	12	-2.719E+04	-5.368E+03	5.158E+02	-3.077E-03	7.879E+05	2.653E+07	0.000E+00	0.000E+00
206	1	0.00	13	-2.339E+04	-5.338E+03	-4.282E+02	2.191E-02	-7.825E+05	2.653E+07	0.000E+00	0.000E+00
206	1	0.00	14	-2.336E+04	-5.339E+03	-4.425E+02	2.129E-02	-8.129E+05	2.653E+07	0.000E+00	0.000E+00
206	1	0.00	15	-2.717E+04	-5.367E+03	4.265E+02	-2.445E-03	8.059E+05	2.653E+07	0.000E+00	0.000E+00
206	1	0.00	16	-2.714E+04	-5.368E+03	4.122E+02	-3.060E-03	7.755E+05	2.653E+07	0.000E+00	0.000E+00
206	2	127.50	1	2.163E+04	-7.502E+03	-3.220E+02	2.189E-02	-7.334E+05	2.572E+07	-7.201E-02	-4.670E-03
206	2	127.50	2	2.166E+04	-7.502E+03	-3.362E+02	2.128E-02	-7.619E+05	2.572E+07	-7.201E-02	-4.850E-03
206	2	127.50	3	1.785E+04	-7.530E+03	5.327E+02	-2.462E-03	7.541E+05	2.572E+07	-7.200E-02	4.689E-03

206	2	127.50	4	1.788E+04	-7.531E+03	5.185E+02	-3.077E-03	7.256E+05	2.572E+07	-7.200E-02	4.509E-03
206	2	127.50	5	2.169E+04	-7.501E+03	-4.256E+02	2.191E-02	-7.325E+05	2.572E+07	-7.201E-02	-4.607E-03
206	2	127.50	6	2.171E+04	-7.502E+03	-4.398E+02	2.129E-02	-7.611E+05	2.572E+07	-7.201E-02	-4.787E-03
206	2	127.50	7	1.791E+04	-7.530E+03	4.291E+02	-2.445E-03	7.550E+05	2.572E+07	-7.200E-02	4.752E-03
206	2	127.50	8	1.793E+04	-7.531E+03	4.149E+02	-3.060E-03	7.264E+05	2.572E+07	-7.200E-02	4.572E-03
206	2	127.50	9	-2.344E+04	-7.497E+03	-3.246E+02	2.189E-02	-7.327E+05	2.571E+07	-7.198E-02	-4.664E-03
206	2	127.50	10	-2.341E+04	-7.497E+03	-3.389E+02	2.128E-02	-7.613E+05	2.571E+07	-7.198E-02	-4.845E-03
206	2	127.50	11	-2.722E+04	-7.525E+03	5.301E+02	-2.462E-03	7.547E+05	2.571E+07	-7.197E-02	4.694E-03
206	2	127.50	12	-2.719E+04	-7.526E+03	5.158E+02	-3.077E-03	7.262E+05	2.571E+07	-7.197E-02	4.514E-03
206	2	127.50	13	-2.338E+04	-7.496E+03	-4.282E+02	2.191E-02	-7.319E+05	2.571E+07	-7.198E-02	-4.601E-03
206	2	127.50	14	-2.336E+04	-7.497E+03	-4.425E+02	2.129E-02	-7.605E+05	2.571E+07	-7.198E-02	-4.781E-03
206	2	127.50	15	-2.716E+04	-7.525E+03	4.265E+02	-2.445E-03	7.556E+05	2.571E+07	-7.197E-02	4.758E-03
206	2	127.50	16	-2.714E+04	-7.526E+03	4.122E+02	-3.060E-03	7.270E+05	2.571E+07	-7.197E-02	4.578E-03
206	3	255.00	1	2.164E+04	-9.660E+03	-3.220E+02	2.189E-02	-6.970E+05	2.463E+07	-9.453E-02	-6.121E-03
206	3	255.00	2	2.166E+04	-9.661E+03	-3.362E+02	2.128E-02	-7.237E+05	2.462E+07	-9.453E-02	-6.356E-03
206	3	255.00	3	1.785E+04	-9.689E+03	5.327E+02	-2.462E-03	6.909E+05	2.462E+07	-9.452E-02	6.067E-03
206	3	255.00	4	1.788E+04	-9.689E+03	5.185E+02	-3.077E-03	6.641E+05	2.462E+07	-9.452E-02	5.832E-03
206	3	255.00	5	2.169E+04	-9.660E+03	-4.256E+02	2.191E-02	-6.829E+05	2.462E+07	-9.453E-02	-5.998E-03
206	3	255.00	6	2.172E+04	-9.660E+03	-4.398E+02	2.129E-02	-7.097E+05	2.462E+07	-9.453E-02	-6.233E-03
206	3	255.00	7	1.791E+04	-9.688E+03	4.291E+02	-2.445E-03	7.049E+05	2.462E+07	-9.452E-02	6.191E-03
206	3	255.00	8	1.794E+04	-9.689E+03	4.149E+02	-3.060E-03	6.781E+05	2.462E+07	-9.452E-02	5.956E-03
206	3	255.00	9	-2.344E+04	-9.655E+03	-3.246E+02	2.189E-02	-6.960E+05	2.461E+07	-9.449E-02	-6.112E-03
206	3	255.00	10	-2.341E+04	-9.656E+03	-3.389E+02	2.128E-02	-7.228E+05	2.461E+07	-9.449E-02	-6.347E-03
206	3	255.00	11	-2.722E+04	-9.684E+03	5.301E+02	-2.462E-03	6.918E+05	2.461E+07	-9.448E-02	6.076E-03
206	3	255.00	12	-2.719E+04	-9.684E+03	5.158E+02	-3.077E-03	6.651E+05	2.461E+07	-9.448E-02	5.841E-03
206	3	255.00	13	-2.338E+04	-9.655E+03	-4.282E+02	2.191E-02	-6.820E+05	2.461E+07	-9.449E-02	-5.989E-03
206	3	255.00	14	-2.335E+04	-9.655E+03	-4.425E+02	2.129E-02	-7.087E+05	2.461E+07	-9.449E-02	-6.224E-03
206	3	255.00	15	-2.716E+04	-9.683E+03	4.265E+02	-2.445E-03	7.059E+05	2.461E+07	-9.448E-02	6.199E-03
206	3	255.00	16	-2.713E+04	-9.684E+03	4.122E+02	-3.060E-03	6.791E+05	2.461E+07	-9.448E-02	5.964E-03
206	4	382.50	1	2.164E+04	-1.182E+04	-3.220E+02	2.189E-02	-6.613E+05	2.326E+07	-6.966E-02	-4.512E-03
206	4	382.50	2	2.167E+04	-1.182E+04	-3.362E+02	2.128E-02	-6.863E+05	2.326E+07	-6.966E-02	-4.684E-03
206	4	382.50	3	1.786E+04	-1.185E+04	5.327E+02	-2.462E-03	6.284E+05	2.325E+07	-6.964E-02	4.413E-03
206	4	382.50	4	1.789E+04	-1.185E+04	5.185E+02	-3.077E-03	6.034E+05	2.325E+07	-6.964E-02	4.240E-03
206	4	382.50	5	2.169E+04	-1.182E+04	-4.256E+02	2.191E-02	-6.341E+05	2.326E+07	-6.966E-02	-4.390E-03
206	4	382.50	6	2.172E+04	-1.182E+04	-4.398E+02	2.129E-02	-6.590E+05	2.326E+07	-6.966E-02	-4.563E-03
206	4	382.50	7	1.791E+04	-1.185E+04	4.291E+02	-2.445E-03	6.556E+05	2.325E+07	-6.964E-02	4.534E-03
206	4	382.50	8	1.794E+04	-1.185E+04	4.149E+02	-3.060E-03	6.307E+05	2.325E+07	-6.964E-02	4.362E-03
206	4	382.50	9	-2.343E+04	-1.181E+04	-3.246E+02	2.189E-02	-6.600E+05	2.325E+07	-6.963E-02	-4.505E-03
206	4	382.50	10	-2.340E+04	-1.181E+04	-3.389E+02	2.128E-02	-6.850E+05	2.325E+07	-6.963E-02	-4.677E-03
206	4	382.50	11	-2.721E+04	-1.184E+04	5.301E+02	-2.462E-03	6.297E+05	2.324E+07	-6.961E-02	4.420E-03
206	4	382.50	12	-2.719E+04	-1.184E+04	5.158E+02	-3.077E-03	6.047E+05	2.324E+07	-6.961E-02	4.247E-03
206	4	382.50	13	-2.338E+04	-1.181E+04	-4.282E+02	2.191E-02	-6.328E+05	2.325E+07	-6.963E-02	-4.383E-03
206	4	382.50	14	-2.335E+04	-1.181E+04	-4.425E+02	2.129E-02	-6.577E+05	2.325E+07	-6.963E-02	-4.556E-03
206	4	382.50	15	-2.716E+04	-1.184E+04	4.265E+02	-2.445E-03	6.569E+05	2.324E+07	-6.961E-02	4.541E-03
206	4	382.50	16	-2.713E+04	-1.184E+04	4.122E+02	-3.060E-03	6.319E+05	2.324E+07	-6.961E-02	4.369E-03
206	5	510.00	1	2.164E+04	-1.398E+04	-3.220E+02	2.189E-02	-6.266E+05	2.161E+07	7.286E-09	7.044E-10
206	5	510.00	2	2.167E+04	-1.398E+04	-3.362E+02	2.128E-02	-6.498E+05	2.161E+07	7.286E-09	7.052E-10
206	5	510.00	3	1.786E+04	-1.401E+04	5.327E+02	-2.462E-03	5.668E+05	2.160E+07	7.287E-09	-6.954E-10
206	5	510.00	4	1.789E+04	-1.401E+04	5.185E+02	-3.077E-03	5.437E+05	2.160E+07	7.287E-09	-6.945E-10
206	5	510.00	5	2.169E+04	-1.398E+04	-4.256E+02	2.191E-02	-5.862E+05	2.161E+07	7.286E-09	6.915E-10
206	5	510.00	6	2.172E+04	-1.398E+04	-4.398E+02	2.129E-02	-6.093E+05	2.161E+07	7.286E-09	6.923E-10
206	5	510.00	7	1.791E+04	-1.400E+04	4.291E+02	-2.445E-03	6.072E+05	2.160E+07	7.287E-09	-7.082E-10
206	5	510.00	8	1.794E+04	-1.401E+04	4.149E+02	-3.060E-03	5.841E+05	2.160E+07	7.287E-09	-7.074E-10
206	5	510.00	9	-2.343E+04	-1.397E+04	-3.246E+02	2.189E-02	-6.250E+05	2.160E+07	7.270E-09	7.040E-10
206	5	510.00	10	-2.340E+04	-1.397E+04	-3.389E+02	2.128E-02	-6.481E+05	2.160E+07	7.270E-09	7.048E-10
206	5	510.00	11	-2.721E+04	-1.400E+04	5.301E+02	-2.462E-03	5.684E+05	2.159E+07	7.271E-09	-6.957E-10
206	5	510.00	12	-2.718E+04	-1.400E+04	5.158E+02	-3.077E-03	5.453E+05	2.159E+07	7.271E-09	-6.949E-10
206	5	510.00	13	-2.338E+04	-1.397E+04	-4.282E+02	2.191E-02	-5.846E+05	2.160E+07	7.270E-09	6.912E-10
206	5	510.00	14	-2.335E+04	-1.397E+04	-4.425E+02	2.129E-02	-6.077E+05	2.160E+07	7.270E-09	6.920E-10
206	5	510.00	15	-2.716E+04	-1.400E+04	4.265E+02	-2.445E-03	6.089E+05	2.159E+07	7.271E-09	-7.086E-10
206	5	510.00	16	-2.713E+04	-1.400E+04	4.122E+02	-3.060E-03	5.857E+05	2.159E+07	7.271E-09	-7.078E-10
207	1	0.00	1	1.400E+04	-2.361E+04	-7.388E+02	-6.583E-03	-6.075E+05	2.160E+07	0.000E+00	0.000E+00

207	1	0.00	2	1.397E+04	-2.361E+04	-7.796E+02	-7.190E-03	-6.314E+05	2.160E+07	0.000E+00	0.000E+00
207	1	0.00	3	1.768E+04	-2.358E+04	1.619E+03	-3.058E-02	6.580E+05	2.161E+07	0.000E+00	0.000E+00
207	1	0.00	4	1.765E+04	-2.358E+04	1.578E+03	-3.119E-02	6.341E+05	2.161E+07	0.000E+00	0.000E+00
207	1	0.00	5	1.377E+04	-2.361E+04	-8.424E+02	-6.552E-03	-5.913E+05	2.160E+07	0.000E+00	0.000E+00
207	1	0.00	6	1.375E+04	-2.361E+04	-8.832E+02	-7.159E-03	-6.152E+05	2.160E+07	0.000E+00	0.000E+00
207	1	0.00	7	1.745E+04	-2.358E+04	1.515E+03	-3.055E-02	6.742E+05	2.161E+07	0.000E+00	0.000E+00
207	1	0.00	8	1.743E+04	-2.358E+04	1.474E+03	-3.116E-02	6.504E+05	2.161E+07	0.000E+00	0.000E+00
207	1	0.00	9	-2.290E+04	-2.360E+04	-7.666E+02	-6.583E-03	-6.092E+05	2.159E+07	0.000E+00	0.000E+00
207	1	0.00	10	-2.292E+04	-2.360E+04	-8.074E+02	-7.190E-03	-6.330E+05	2.159E+07	0.000E+00	0.000E+00
207	1	0.00	11	-1.922E+04	-2.357E+04	1.591E+03	-3.058E-02	6.564E+05	2.160E+07	0.000E+00	0.000E+00
207	1	0.00	12	-1.924E+04	-2.357E+04	1.550E+03	-3.119E-02	6.325E+05	2.160E+07	0.000E+00	0.000E+00
207	1	0.00	13	-2.313E+04	-2.360E+04	-8.702E+02	-6.552E-03	-5.929E+05	2.159E+07	0.000E+00	0.000E+00
207	1	0.00	14	-2.315E+04	-2.360E+04	-9.110E+02	-7.159E-03	-6.168E+05	2.159E+07	0.000E+00	0.000E+00
207	1	0.00	15	-1.945E+04	-2.357E+04	1.487E+03	-3.055E-02	6.726E+05	2.160E+07	0.000E+00	0.000E+00
207	1	0.00	16	-1.947E+04	-2.357E+04	1.446E+03	-3.116E-02	6.487E+05	2.160E+07	0.000E+00	0.000E+00
207	2	127.25	1	1.400E+04	-2.576E+04	-7.388E+02	-6.583E-03	-5.150E+05	1.846E+07	-4.658E-02	-2.978E-03
207	2	127.25	2	1.398E+04	-2.576E+04	-7.796E+02	-7.190E-03	-5.336E+05	1.846E+07	-4.658E-02	-3.078E-03
207	2	127.25	3	1.768E+04	-2.573E+04	1.619E+03	-3.058E-02	4.535E+05	1.847E+07	-4.661E-02	2.085E-03
207	2	127.25	4	1.766E+04	-2.573E+04	1.578E+03	-3.119E-02	4.348E+05	1.847E+07	-4.661E-02	1.985E-03
207	2	127.25	5	1.377E+04	-2.576E+04	-8.424E+02	-6.552E-03	-4.855E+05	1.846E+07	-4.658E-02	-2.727E-03
207	2	127.25	6	1.375E+04	-2.576E+04	-8.832E+02	-7.159E-03	-5.042E+05	1.846E+07	-4.658E-02	-2.827E-03
207	2	127.25	7	1.745E+04	-2.574E+04	1.515E+03	-3.055E-02	4.829E+05	1.847E+07	-4.661E-02	2.335E-03
207	2	127.25	8	1.743E+04	-2.573E+04	1.474E+03	-3.116E-02	4.642E+05	1.847E+07	-4.661E-02	2.235E-03
207	2	127.25	9	-2.290E+04	-2.575E+04	-7.666E+02	-6.583E-03	-5.131E+05	1.845E+07	-4.656E-02	-2.950E-03
207	2	127.25	10	-2.292E+04	-2.575E+04	-8.074E+02	-7.190E-03	-5.317E+05	1.845E+07	-4.656E-02	-3.050E-03
207	2	127.25	11	-1.922E+04	-2.572E+04	1.591E+03	-3.058E-02	4.554E+05	1.846E+07	-4.659E-02	2.113E-03
207	2	127.25	12	-1.924E+04	-2.572E+04	1.550E+03	-3.119E-02	4.367E+05	1.846E+07	-4.659E-02	2.013E-03
207	2	127.25	13	-2.312E+04	-2.575E+04	-8.702E+02	-6.552E-03	-4.836E+05	1.845E+07	-4.656E-02	-2.699E-03
207	2	127.25	14	-2.315E+04	-2.575E+04	-9.110E+02	-7.159E-03	-5.023E+05	1.845E+07	-4.656E-02	-2.799E-03
207	2	127.25	15	-1.944E+04	-2.572E+04	1.487E+03	-3.055E-02	4.848E+05	1.846E+07	-4.659E-02	2.363E-03
207	2	127.25	16	-1.947E+04	-2.572E+04	1.446E+03	-3.116E-02	4.661E+05	1.846E+07	-4.659E-02	2.263E-03
207	3	254.50	1	1.400E+04	-2.792E+04	-7.388E+02	-6.583E-03	-4.237E+05	1.505E+07	-5.768E-02	-3.706E-03
207	3	254.50	2	1.398E+04	-2.792E+04	-7.796E+02	-7.190E-03	-4.371E+05	1.505E+07	-5.768E-02	-3.824E-03
207	3	254.50	3	1.768E+04	-2.789E+04	1.619E+03	-3.058E-02	2.502E+05	1.506E+07	-5.773E-02	2.189E-03
207	3	254.50	4	1.766E+04	-2.789E+04	1.578E+03	-3.119E-02	2.367E+05	1.506E+07	-5.773E-02	2.071E-03
207	3	254.50	5	1.378E+04	-2.792E+04	-8.424E+02	-6.552E-03	-3.811E+05	1.505E+07	-5.768E-02	-3.333E-03
207	3	254.50	6	1.375E+04	-2.792E+04	-8.832E+02	-7.159E-03	-3.946E+05	1.505E+07	-5.768E-02	-3.451E-03
207	3	254.50	7	1.745E+04	-2.789E+04	1.515E+03	-3.055E-02	2.928E+05	1.506E+07	-5.773E-02	2.562E-03
207	3	254.50	8	1.743E+04	-2.789E+04	1.474E+03	-3.116E-02	2.793E+05	1.506E+07	-5.773E-02	2.444E-03
207	3	254.50	9	-2.289E+04	-2.790E+04	-7.666E+02	-6.583E-03	-4.182E+05	1.504E+07	-5.766E-02	-3.658E-03
207	3	254.50	10	-2.292E+04	-2.790E+04	-8.074E+02	-7.190E-03	-4.317E+05	1.504E+07	-5.766E-02	-3.776E-03
207	3	254.50	11	-1.922E+04	-2.788E+04	1.591E+03	-3.058E-02	2.557E+05	1.505E+07	-5.770E-02	2.237E-03
207	3	254.50	12	-1.924E+04	-2.788E+04	1.550E+03	-3.119E-02	2.422E+05	1.505E+07	-5.770E-02	2.119E-03
207	3	254.50	13	-2.312E+04	-2.791E+04	-8.702E+02	-6.552E-03	-3.756E+05	1.504E+07	-5.766E-02	-3.286E-03
207	3	254.50	14	-2.314E+04	-2.790E+04	-9.110E+02	-7.159E-03	-3.891E+05	1.504E+07	-5.766E-02	-3.404E-03
207	3	254.50	15	-1.944E+04	-2.788E+04	1.487E+03	-3.055E-02	2.983E+05	1.505E+07	-5.770E-02	2.609E-03
207	3	254.50	16	-1.947E+04	-2.788E+04	1.446E+03	-3.116E-02	2.848E+05	1.505E+07	-5.770E-02	2.491E-03
207	4	381.75	1	1.400E+04	-3.007E+04	-7.388E+02	-6.583E-03	-3.366E+05	1.136E+07	-3.981E-02	-2.584E-03
207	4	381.75	2	1.398E+04	-3.007E+04	-7.796E+02	-7.190E-03	-3.449E+05	1.136E+07	-3.981E-02	-2.661E-03
207	4	381.75	3	1.768E+04	-3.004E+04	1.619E+03	-3.058E-02	5.119E+04	1.137E+07	-3.985E-02	1.201E-03
207	4	381.75	4	1.766E+04	-3.004E+04	1.578E+03	-3.119E-02	4.290E+04	1.137E+07	-3.985E-02	1.124E-03
207	4	381.75	5	1.378E+04	-3.007E+04	-8.424E+02	-6.552E-03	-2.808E+05	1.136E+07	-3.981E-02	-2.276E-03
207	4	381.75	6	1.375E+04	-3.007E+04	-8.832E+02	-7.159E-03	-2.891E+05	1.136E+07	-3.981E-02	-2.353E-03
207	4	381.75	7	1.746E+04	-3.004E+04	1.515E+03	-3.055E-02	1.070E+05	1.137E+07	-3.985E-02	1.510E-03
207	4	381.75	8	1.743E+04	-3.004E+04	1.474E+03	-3.116E-02	9.868E+04	1.137E+07	-3.985E-02	1.432E-03
207	4	381.75	9	-2.289E+04	-3.006E+04	-7.666E+02	-6.583E-03	-3.276E+05	1.135E+07	-3.980E-02	-2.541E-03
207	4	381.75	10	-2.292E+04	-3.006E+04	-8.074E+02	-7.190E-03	-3.359E+05	1.135E+07	-3.980E-02	-2.618E-03
207	4	381.75	11	-1.921E+04	-3.003E+04	1.591E+03	-3.058E-02	6.018E+04	1.137E+07	-3.983E-02	1.245E-03
207	4	381.75	12	-1.924E+04	-3.003E+04	1.550E+03	-3.119E-02	5.189E+04	1.137E+07	-3.984E-02	1.168E-03
207	4	381.75	13	-2.312E+04	-3.006E+04	-8.702E+02	-6.552E-03	-2.718E+05	1.135E+07	-3.980E-02	-2.232E-03
207	4	381.75	14	-2.314E+04	-3.006E+04	-9.110E+02	-7.159E-03	-2.801E+05	1.135E+07	-3.980E-02	-2.309E-03
207	4	381.75	15	-1.944E+04	-3.003E+04	1.487E+03	-3.055E-02	1.160E+05	1.137E+07	-3.983E-02	1.553E-03

207	4	381.75	16	-1.946E+04	-3.003E+04	1.446E+03	-3.116E-02	1.077E+05	1.137E+07	-3.984E-02	1.476E-03
207	5	509.00	1	1.401E+04	-3.223E+04	-7.388E+02	-6.583E-03	-1.172E+05	7.393E+06	1.094E-08	-4.678E-10
207	5	509.00	2	1.398E+04	-3.222E+04	-7.796E+02	-7.190E-03	-1.203E+05	7.394E+06	1.094E-08	-4.961E-10
207	5	509.00	3	1.769E+04	-3.220E+04	1.619E+03	-3.058E-02	-2.802E+05	7.412E+06	1.093E-08	4.472E-10
207	5	509.00	4	1.766E+04	-3.220E+04	1.578E+03	-3.119E-02	-2.832E+05	7.413E+06	1.093E-08	4.189E-10
207	5	509.00	5	1.378E+04	-3.223E+04	-8.424E+02	-6.552E-03	-4.823E+04	7.393E+06	1.094E-08	-4.606E-10
207	5	509.00	6	1.376E+04	-3.223E+04	-8.832E+02	-7.159E-03	-5.132E+04	7.394E+06	1.094E-08	-4.889E-10
207	5	509.00	7	1.746E+04	-3.220E+04	1.515E+03	-3.055E-02	-2.112E+05	7.412E+06	1.093E-08	4.544E-10
207	5	509.00	8	1.743E+04	-3.220E+04	1.474E+03	-3.116E-02	-2.143E+05	7.413E+06	1.093E-08	4.261E-10
207	5	509.00	9	-2.289E+04	-3.221E+04	-7.666E+02	-6.583E-03	-1.047E+05	7.390E+06	1.094E-08	-4.640E-10
207	5	509.00	10	-2.291E+04	-3.221E+04	-8.074E+02	-7.190E-03	-1.077E+05	7.391E+06	1.094E-08	-4.923E-10
207	5	509.00	11	-1.921E+04	-3.218E+04	1.591E+03	-3.058E-02	-2.676E+05	7.409E+06	1.092E-08	4.510E-10
207	5	509.00	12	-1.923E+04	-3.218E+04	1.550E+03	-3.119E-02	-2.707E+05	7.410E+06	1.092E-08	4.227E-10
207	5	509.00	13	-2.312E+04	-3.221E+04	-8.702E+02	-6.552E-03	-3.570E+04	7.390E+06	1.094E-08	-4.567E-10
207	5	509.00	14	-2.314E+04	-3.221E+04	-9.110E+02	-7.159E-03	-3.879E+04	7.391E+06	1.094E-08	-4.850E-10
207	5	509.00	15	-1.944E+04	-3.218E+04	1.487E+03	-3.055E-02	-1.987E+05	7.409E+06	1.092E-08	4.583E-10
207	5	509.00	16	-1.946E+04	-3.218E+04	1.446E+03	-3.116E-02	-2.018E+05	7.410E+06	1.092E-08	4.300E-10
208	1	0.00	1	1.743E+04	-2.358E+04	-1.474E+03	3.116E-02	-6.504E+05	2.161E+07	0.000E+00	0.000E+00
208	1	0.00	2	1.745E+04	-2.358E+04	-1.515E+03	3.055E-02	-6.742E+05	2.161E+07	0.000E+00	0.000E+00
208	1	0.00	3	1.375E+04	-2.361E+04	8.832E+02	7.159E-03	6.152E+05	2.160E+07	0.000E+00	0.000E+00
208	1	0.00	4	1.377E+04	-2.361E+04	8.424E+02	6.552E-03	5.913E+05	2.160E+07	0.000E+00	0.000E+00
208	1	0.00	5	1.765E+04	-2.358E+04	-1.578E+03	3.119E-02	-6.341E+05	2.161E+07	0.000E+00	0.000E+00
208	1	0.00	6	1.768E+04	-2.358E+04	-1.619E+03	3.058E-02	-6.580E+05	2.161E+07	0.000E+00	0.000E+00
208	1	0.00	7	1.397E+04	-2.361E+04	7.796E+02	7.190E-03	6.314E+05	2.160E+07	0.000E+00	0.000E+00
208	1	0.00	8	1.400E+04	-2.361E+04	7.388E+02	6.583E-03	6.075E+05	2.160E+07	0.000E+00	0.000E+00
208	1	0.00	9	-1.947E+04	-2.357E+04	-1.446E+03	3.116E-02	-6.487E+05	2.160E+07	0.000E+00	0.000E+00
208	1	0.00	10	-1.945E+04	-2.357E+04	-1.487E+03	3.055E-02	-6.726E+05	2.160E+07	0.000E+00	0.000E+00
208	1	0.00	11	-2.315E+04	-2.360E+04	9.110E+02	7.159E-03	6.168E+05	2.159E+07	0.000E+00	0.000E+00
208	1	0.00	12	-2.313E+04	-2.360E+04	8.702E+02	6.552E-03	5.929E+05	2.159E+07	0.000E+00	0.000E+00
208	1	0.00	13	-1.924E+04	-2.357E+04	-1.550E+03	3.119E-02	-6.325E+05	2.160E+07	0.000E+00	0.000E+00
208	1	0.00	14	-1.922E+04	-2.357E+04	-1.591E+03	3.058E-02	-6.564E+05	2.160E+07	0.000E+00	0.000E+00
208	1	0.00	15	-2.292E+04	-2.360E+04	8.074E+02	7.190E-03	6.330E+05	2.159E+07	0.000E+00	0.000E+00
208	1	0.00	16	-2.290E+04	-2.360E+04	7.666E+02	6.583E-03	6.092E+05	2.159E+07	0.000E+00	0.000E+00
208	2	127.25	1	1.743E+04	-2.573E+04	-1.474E+03	3.116E-02	-4.642E+05	1.847E+07	-4.661E-02	-2.235E-03
208	2	127.25	2	1.745E+04	-2.574E+04	-1.515E+03	3.055E-02	-4.829E+05	1.847E+07	-4.661E-02	-2.335E-03
208	2	127.25	3	1.375E+04	-2.576E+04	8.832E+02	7.159E-03	5.042E+05	1.846E+07	-4.658E-02	2.827E-03
208	2	127.25	4	1.377E+04	-2.576E+04	8.424E+02	6.552E-03	4.855E+05	1.846E+07	-4.658E-02	2.727E-03
208	2	127.25	5	1.766E+04	-2.573E+04	-1.578E+03	3.119E-02	-4.348E+05	1.847E+07	-4.661E-02	-1.985E-03
208	2	127.25	6	1.768E+04	-2.573E+04	-1.619E+03	3.058E-02	-4.535E+05	1.847E+07	-4.661E-02	-2.085E-03
208	2	127.25	7	1.398E+04	-2.576E+04	7.796E+02	7.190E-03	5.336E+05	1.846E+07	-4.658E-02	3.078E-03
208	2	127.25	8	1.400E+04	-2.576E+04	7.388E+02	6.583E-03	5.150E+05	1.846E+07	-4.658E-02	2.978E-03
208	2	127.25	9	-1.947E+04	-2.572E+04	-1.446E+03	3.116E-02	-4.661E+05	1.846E+07	-4.659E-02	-2.263E-03
208	2	127.25	10	-1.944E+04	-2.572E+04	-1.487E+03	3.055E-02	-4.848E+05	1.846E+07	-4.659E-02	-2.363E-03
208	2	127.25	11	-2.315E+04	-2.575E+04	9.110E+02	7.159E-03	5.023E+05	1.845E+07	-4.656E-02	2.799E-03
208	2	127.25	12	-2.312E+04	-2.575E+04	8.702E+02	6.552E-03	4.836E+05	1.845E+07	-4.656E-02	2.699E-03
208	2	127.25	13	-1.924E+04	-2.572E+04	-1.550E+03	3.119E-02	-4.367E+05	1.846E+07	-4.659E-02	-2.013E-03
208	2	127.25	14	-1.922E+04	-2.572E+04	-1.591E+03	3.058E-02	-4.554E+05	1.846E+07	-4.659E-02	-2.113E-03
208	2	127.25	15	-2.292E+04	-2.575E+04	8.074E+02	7.190E-03	5.317E+05	1.845E+07	-4.656E-02	3.050E-03
208	2	127.25	16	-2.290E+04	-2.575E+04	7.666E+02	6.583E-03	5.131E+05	1.845E+07	-4.656E-02	2.950E-03
208	3	254.50	1	1.743E+04	-2.789E+04	-1.474E+03	3.116E-02	-2.793E+05	1.506E+07	-5.773E-02	-2.444E-03
208	3	254.50	2	1.745E+04	-2.789E+04	-1.515E+03	3.055E-02	-2.928E+05	1.506E+07	-5.773E-02	-2.562E-03
208	3	254.50	3	1.375E+04	-2.792E+04	8.832E+02	7.159E-03	3.946E+05	1.505E+07	-5.768E-02	3.451E-03
208	3	254.50	4	1.378E+04	-2.792E+04	8.424E+02	6.552E-03	3.811E+05	1.505E+07	-5.768E-02	3.333E-03
208	3	254.50	5	1.766E+04	-2.789E+04	-1.578E+03	3.119E-02	-2.367E+05	1.506E+07	-5.773E-02	-2.071E-03
208	3	254.50	6	1.768E+04	-2.789E+04	-1.619E+03	3.058E-02	-2.502E+05	1.506E+07	-5.773E-02	-2.189E-03
208	3	254.50	7	1.398E+04	-2.792E+04	7.796E+02	7.190E-03	4.371E+05	1.505E+07	-5.768E-02	3.824E-03
208	3	254.50	8	1.400E+04	-2.792E+04	7.388E+02	6.583E-03	4.237E+05	1.505E+07	-5.768E-02	3.706E-03
208	3	254.50	9	-1.947E+04	-2.788E+04	-1.446E+03	3.116E-02	-2.848E+05	1.505E+07	-5.770E-02	-2.491E-03
208	3	254.50	10	-1.944E+04	-2.788E+04	-1.487E+03	3.055E-02	-2.983E+05	1.505E+07	-5.770E-02	-2.609E-03
208	3	254.50	11	-2.314E+04	-2.790E+04	9.110E+02	7.159E-03	3.891E+05	1.504E+07	-5.766E-02	3.404E-03
208	3	254.50	12	-2.312E+04	-2.791E+04	8.702E+02	6.552E-03	3.756E+05	1.504E+07	-5.766E-02	3.286E-03
208	3	254.50	13	-1.924E+04	-2.788E+04	-1.550E+03	3.119E-02	-2.422E+05	1.505E+07	-5.770E-02	-2.119E-03

208	3	254.50	14	-1.922E+04	-2.788E+04	-1.591E+03	3.058E-02	-2.557E+05	1.505E+07	-5.770E-02	-2.237E-03
208	3	254.50	15	-2.292E+04	-2.790E+04	8.074E+02	7.190E-03	4.317E+05	1.504E+07	-5.766E-02	3.776E-03
208	3	254.50	16	-2.289E+04	-2.790E+04	7.666E+02	6.583E-03	4.182E+05	1.504E+07	-5.766E-02	3.658E-03
208	4	381.75	1	1.743E+04	-3.004E+04	-1.474E+03	3.116E-02	-9.868E+04	1.137E+07	-3.985E-02	-1.432E-03
208	4	381.75	2	1.746E+04	-3.004E+04	-1.515E+03	3.055E-02	-1.070E+05	1.137E+07	-3.985E-02	-1.510E-03
208	4	381.75	3	1.375E+04	-3.007E+04	8.832E+02	7.159E-03	2.891E+05	1.136E+07	-3.981E-02	2.353E-03
208	4	381.75	4	1.378E+04	-3.007E+04	8.424E+02	6.552E-03	2.808E+05	1.136E+07	-3.981E-02	2.276E-03
208	4	381.75	5	1.766E+04	-3.004E+04	-1.578E+03	3.119E-02	-4.290E+04	1.137E+07	-3.985E-02	-1.124E-03
208	4	381.75	6	1.768E+04	-3.004E+04	-1.619E+03	3.058E-02	-5.119E+04	1.137E+07	-3.985E-02	-1.201E-03
208	4	381.75	7	1.398E+04	-3.007E+04	7.796E+02	7.190E-03	3.449E+05	1.136E+07	-3.981E-02	2.661E-03
208	4	381.75	8	1.400E+04	-3.007E+04	7.388E+02	6.583E-03	3.366E+05	1.136E+07	-3.981E-02	2.584E-03
208	4	381.75	9	-1.946E+04	-3.003E+04	-1.446E+03	3.116E-02	-1.077E+05	1.137E+07	-3.984E-02	-1.476E-03
208	4	381.75	10	-1.944E+04	-3.003E+04	-1.487E+03	3.055E-02	-1.160E+05	1.137E+07	-3.983E-02	-1.553E-03
208	4	381.75	11	-2.314E+04	-3.006E+04	9.110E+02	7.159E-03	2.801E+05	1.135E+07	-3.980E-02	2.309E-03
208	4	381.75	12	-2.312E+04	-3.006E+04	8.702E+02	6.552E-03	2.718E+05	1.135E+07	-3.980E-02	2.232E-03
208	4	381.75	13	-1.924E+04	-3.003E+04	-1.550E+03	3.119E-02	-5.189E+04	1.137E+07	-3.984E-02	-1.168E-03
208	4	381.75	14	-1.921E+04	-3.003E+04	-1.591E+03	3.058E-02	-6.018E+04	1.137E+07	-3.983E-02	-1.245E-03
208	4	381.75	15	-2.292E+04	-3.006E+04	8.074E+02	7.190E-03	3.359E+05	1.135E+07	-3.980E-02	2.618E-03
208	4	381.75	16	-2.289E+04	-3.006E+04	7.666E+02	6.583E-03	3.276E+05	1.135E+07	-3.980E-02	2.541E-03
208	5	509.00	1	1.743E+04	-3.220E+04	-1.474E+03	3.116E-02	2.143E+05	7.413E+06	1.093E-08	-4.261E-10
208	5	509.00	2	1.746E+04	-3.220E+04	-1.515E+03	3.055E-02	2.112E+05	7.412E+06	1.093E-08	-4.544E-10
208	5	509.00	3	1.376E+04	-3.223E+04	8.832E+02	7.159E-03	5.132E+04	7.394E+06	1.094E-08	4.889E-10
208	5	509.00	4	1.378E+04	-3.223E+04	8.424E+02	6.552E-03	4.823E+04	7.393E+06	1.094E-08	4.606E-10
208	5	509.00	5	1.766E+04	-3.220E+04	-1.578E+03	3.119E-02	2.832E+05	7.413E+06	1.093E-08	-4.189E-10
208	5	509.00	6	1.769E+04	-3.220E+04	-1.619E+03	3.058E-02	2.802E+05	7.412E+06	1.093E-08	-4.472E-10
208	5	509.00	7	1.398E+04	-3.222E+04	7.796E+02	7.190E-03	1.203E+05	7.394E+06	1.094E-08	4.961E-10
208	5	509.00	8	1.401E+04	-3.223E+04	7.388E+02	6.583E-03	1.172E+05	7.393E+06	1.094E-08	4.678E-10
208	5	509.00	9	-1.946E+04	-3.218E+04	-1.446E+03	3.116E-02	2.018E+05	7.410E+06	1.092E-08	-4.300E-10
208	5	509.00	10	-1.944E+04	-3.218E+04	-1.487E+03	3.055E-02	1.987E+05	7.409E+06	1.092E-08	-4.583E-10
208	5	509.00	11	-2.314E+04	-3.221E+04	9.110E+02	7.159E-03	3.879E+04	7.391E+06	1.094E-08	4.850E-10
208	5	509.00	12	-2.312E+04	-3.221E+04	8.702E+02	6.552E-03	3.570E+04	7.390E+06	1.094E-08	4.567E-10
208	5	509.00	13	-1.923E+04	-3.218E+04	-1.550E+03	3.119E-02	2.707E+05	7.410E+06	1.092E-08	-4.227E-10
208	5	509.00	14	-1.921E+04	-3.218E+04	-1.591E+03	3.058E-02	2.676E+05	7.409E+06	1.092E-08	-4.511E-10
208	5	509.00	15	-2.291E+04	-3.221E+04	8.074E+02	7.190E-03	1.077E+05	7.391E+06	1.094E-08	4.923E-10
208	5	509.00	16	-2.289E+04	-3.221E+04	7.666E+02	6.583E-03	1.047E+05	7.390E+06	1.094E-08	4.639E-10
209	1	0.00	1	1.108E+04	-3.960E+04	-2.517E+03	-1.017E-01	-2.996E+05	7.396E+06	0.000E+00	0.000E+00
209	1	0.00	2	1.107E+04	-3.960E+04	-2.575E+03	-1.023E-01	-3.043E+05	7.397E+06	0.000E+00	0.000E+00
209	1	0.00	3	1.475E+04	-3.958E+04	7.467E+02	-1.253E-01	-7.809E+04	7.409E+06	0.000E+00	0.000E+00
209	1	0.00	4	1.474E+04	-3.958E+04	6.894E+02	-1.259E-01	-8.283E+04	7.409E+06	0.000E+00	0.000E+00
209	1	0.00	5	1.075E+04	-3.961E+04	-2.621E+03	-1.017E-01	-2.517E+05	7.397E+06	0.000E+00	0.000E+00
209	1	0.00	6	1.074E+04	-3.960E+04	-2.678E+03	-1.023E-01	-2.564E+05	7.397E+06	0.000E+00	0.000E+00
209	1	0.00	7	1.442E+04	-3.958E+04	6.431E+02	-1.252E-01	-3.021E+04	7.409E+06	0.000E+00	0.000E+00
209	1	0.00	8	1.441E+04	-3.958E+04	5.858E+02	-1.258E-01	-3.495E+04	7.409E+06	0.000E+00	0.000E+00
209	1	0.00	9	-1.984E+04	-3.959E+04	-2.445E+03	-1.017E-01	-2.869E+05	7.394E+06	0.000E+00	0.000E+00
209	1	0.00	10	-1.985E+04	-3.959E+04	-2.502E+03	-1.023E-01	-2.917E+05	7.394E+06	0.000E+00	0.000E+00
209	1	0.00	11	-1.617E+04	-3.956E+04	8.196E+02	-1.253E-01	-6.545E+04	7.406E+06	0.000E+00	0.000E+00
209	1	0.00	12	-1.618E+04	-3.956E+04	7.623E+02	-1.259E-01	-7.020E+04	7.406E+06	0.000E+00	0.000E+00
209	1	0.00	13	-2.017E+04	-3.959E+04	-2.548E+03	-1.017E-01	-2.390E+05	7.394E+06	0.000E+00	0.000E+00
209	1	0.00	14	-2.018E+04	-3.959E+04	-2.605E+03	-1.023E-01	-2.438E+05	7.394E+06	0.000E+00	0.000E+00
209	1	0.00	15	-1.650E+04	-3.956E+04	7.161E+02	-1.252E-01	-1.757E+04	7.406E+06	0.000E+00	0.000E+00
209	1	0.00	16	-1.651E+04	-3.956E+04	6.588E+02	-1.258E-01	-2.232E+04	7.407E+06	0.000E+00	0.000E+00
209	2	45.25	1	1.108E+04	-4.037E+04	-2.517E+03	-1.017E-01	-8.929E+04	5.587E+06	-1.640E-03	-5.025E-05
209	2	45.25	2	1.107E+04	-4.037E+04	-2.575E+03	-1.023E-01	-9.144E+04	5.587E+06	-1.640E-03	-5.059E-05
209	2	45.25	3	1.475E+04	-4.034E+04	7.467E+02	-1.253E-01	-2.082E+05	5.601E+06	-1.645E-03	-1.523E-04
209	2	45.25	4	1.474E+04	-4.034E+04	6.894E+02	-1.259E-01	-2.104E+05	5.601E+06	-1.645E-03	-1.526E-04
209	2	45.25	5	1.075E+04	-4.037E+04	-2.621E+03	-1.017E-01	-3.672E+04	5.587E+06	-1.640E-03	-4.041E-06
209	2	45.25	6	1.074E+04	-4.037E+04	-2.678E+03	-1.023E-01	-3.887E+04	5.587E+06	-1.640E-03	-4.391E-06
209	2	45.25	7	1.442E+04	-4.034E+04	6.431E+02	-1.252E-01	-1.557E+05	5.601E+06	-1.645E-03	-1.061E-04
209	2	45.25	8	1.441E+04	-4.034E+04	5.858E+02	-1.258E-01	-1.578E+05	5.601E+06	-1.645E-03	-1.064E-04
209	2	45.25	9	-1.984E+04	-4.036E+04	-2.445E+03	-1.017E-01	-7.995E+04	5.585E+06	-1.639E-03	-4.433E-05
209	2	45.25	10	-1.985E+04	-4.035E+04	-2.502E+03	-1.023E-01	-8.210E+04	5.585E+06	-1.639E-03	-4.467E-05
209	2	45.25	11	-1.617E+04	-4.033E+04	8.196E+02	-1.253E-01	-1.989E+05	5.599E+06	-1.644E-03	-1.463E-04

209	2	45.25	12	-1.618E+04	-4.033E+04	7.623E+02	-1.259E-01	-2.010E+05	5.599E+06	-1.645E-03	-1.467E-04
209	2	45.25	13	-2.017E+04	-4.036E+04	-2.548E+03	-1.017E-01	-2.738E+04	5.585E+06	-1.639E-03	1.879E-06
209	2	45.25	14	-2.018E+04	-4.036E+04	-2.605E+03	-1.023E-01	-2.953E+04	5.585E+06	-1.639E-03	1.529E-06
209	2	45.25	15	-1.650E+04	-4.033E+04	7.161E+02	-1.252E-01	-1.463E+05	5.599E+06	-1.645E-03	-1.001E-04
209	2	45.25	16	-1.651E+04	-4.033E+04	6.588E+02	-1.258E-01	-1.485E+05	5.599E+06	-1.645E-03	-1.005E-04
209	3	90.50	1	1.108E+04	-4.114E+04	-2.517E+03	-1.017E-01	-3.306E+04	3.743E+06	-1.889E-03	-3.657E-05
209	3	90.50	2	1.107E+04	-4.114E+04	-2.575E+03	-1.023E-01	-3.262E+04	3.743E+06	-1.889E-03	-3.608E-05
209	3	90.50	3	1.475E+04	-4.111E+04	7.467E+02	-1.253E-01	-1.843E+05	3.758E+06	-1.896E-03	-2.039E-04
209	3	90.50	4	1.474E+04	-4.111E+04	6.894E+02	-1.259E-01	-1.839E+05	3.758E+06	-1.896E-03	-2.034E-04
209	3	90.50	5	1.075E+04	-4.114E+04	-2.621E+03	-1.017E-01	2.419E+04	3.743E+06	-1.889E-03	2.676E-05
209	3	90.50	6	1.074E+04	-4.114E+04	-2.678E+03	-1.023E-01	2.464E+04	3.743E+06	-1.889E-03	2.725E-05
209	3	90.50	7	1.442E+04	-4.111E+04	6.431E+02	-1.252E-01	-1.271E+05	3.758E+06	-1.896E-03	-1.406E-04
209	3	90.50	8	1.441E+04	-4.111E+04	5.858E+02	-1.258E-01	-1.266E+05	3.758E+06	-1.896E-03	-1.401E-04
209	3	90.50	9	-1.984E+04	-4.112E+04	-2.445E+03	-1.017E-01	-2.703E+04	3.742E+06	-1.888E-03	-2.990E-05
209	3	90.50	10	-1.985E+04	-4.112E+04	-2.502E+03	-1.023E-01	-2.658E+04	3.742E+06	-1.889E-03	-2.941E-05
209	3	90.50	11	-1.617E+04	-4.109E+04	8.196E+02	-1.253E-01	-1.783E+05	3.757E+06	-1.896E-03	-1.972E-04
209	3	90.50	12	-1.618E+04	-4.109E+04	7.623E+02	-1.259E-01	-1.779E+05	3.757E+06	-1.896E-03	-1.967E-04
209	3	90.50	13	-2.017E+04	-4.112E+04	-2.548E+03	-1.017E-01	3.023E+04	3.742E+06	-1.888E-03	3.344E-05
209	3	90.50	14	-2.018E+04	-4.112E+04	-2.605E+03	-1.023E-01	3.067E+04	3.742E+06	-1.889E-03	3.393E-05
209	3	90.50	15	-1.650E+04	-4.109E+04	7.161E+02	-1.252E-01	-1.210E+05	3.757E+06	-1.896E-03	-1.339E-04
209	3	90.50	16	-1.651E+04	-4.109E+04	6.588E+02	-1.258E-01	-1.206E+05	3.757E+06	-1.896E-03	-1.334E-04
209	4	135.75	1	1.108E+04	-4.190E+04	-2.517E+03	-1.017E-01	6.852E+04	1.864E+06	-1.192E-03	-9.533E-07
209	4	135.75	2	1.107E+04	-4.190E+04	-2.575E+03	-1.023E-01	7.156E+04	1.865E+06	-1.192E-03	1.312E-07
209	4	135.75	3	1.476E+04	-4.187E+04	7.467E+02	-1.253E-01	-2.058E+05	1.880E+06	-1.197E-03	-1.572E-04
209	4	135.75	4	1.474E+04	-4.187E+04	6.894E+02	-1.259E-01	-2.028E+05	1.881E+06	-1.197E-03	-1.562E-04
209	4	135.75	5	1.075E+04	-4.190E+04	-2.621E+03	-1.017E-01	1.305E+05	1.864E+06	-1.192E-03	4.784E-05
209	4	135.75	6	1.074E+04	-4.190E+04	-2.678E+03	-1.023E-01	1.335E+05	1.865E+06	-1.192E-03	4.893E-05
209	4	135.75	7	1.442E+04	-4.187E+04	6.431E+02	-1.252E-01	-1.438E+05	1.880E+06	-1.197E-03	-1.084E-04
209	4	135.75	8	1.441E+04	-4.187E+04	5.858E+02	-1.258E-01	-1.408E+05	1.881E+06	-1.197E-03	-1.074E-04
209	4	135.75	9	-1.984E+04	-4.189E+04	-2.445E+03	-1.017E-01	7.126E+04	1.863E+06	-1.191E-03	3.141E-06
209	4	135.75	10	-1.985E+04	-4.189E+04	-2.502E+03	-1.023E-01	7.429E+04	1.864E+06	-1.191E-03	4.225E-06
209	4	135.75	11	-1.616E+04	-4.186E+04	8.196E+02	-1.253E-01	-2.031E+05	1.880E+06	-1.197E-03	-1.531E-04
209	4	135.75	12	-1.618E+04	-4.186E+04	7.623E+02	-1.259E-01	-2.000E+05	1.880E+06	-1.197E-03	-1.521E-04
209	4	135.75	13	-2.017E+04	-4.189E+04	-2.548E+03	-1.017E-01	1.332E+05	1.863E+06	-1.191E-03	5.194E-05
209	4	135.75	14	-2.018E+04	-4.189E+04	-2.605E+03	-1.023E-01	1.362E+05	1.864E+06	-1.191E-03	5.302E-05
209	4	135.75	15	-1.650E+04	-4.186E+04	7.161E+02	-1.252E-01	-1.411E+05	1.880E+06	-1.197E-03	-1.043E-04
209	4	135.75	16	-1.651E+04	-4.186E+04	6.588E+02	-1.258E-01	-1.381E+05	1.880E+06	-1.197E-03	-1.033E-04
209	5	181.00	1	1.108E+04	-4.267E+04	-2.517E+03	-1.017E-01	1.783E+05	-4.930E+04	-1.159E-10	3.127E-11
209	5	181.00	2	1.107E+04	-4.267E+04	-2.575E+03	-1.023E-01	1.840E+05	-4.885E+04	-1.159E-10	3.289E-11
209	5	181.00	3	1.476E+04	-4.264E+04	7.467E+02	-1.253E-01	-2.355E+05	-3.171E+04	-1.176E-10	7.938E-12
209	5	181.00	4	1.474E+04	-4.264E+04	6.894E+02	-1.259E-01	-2.298E+05	-3.127E+04	-1.176E-10	9.556E-12
209	5	181.00	5	1.075E+04	-4.267E+04	-2.621E+03	-1.017E-01	2.450E+05	-4.932E+04	-1.159E-10	2.328E-11
209	5	181.00	6	1.074E+04	-4.267E+04	-2.678E+03	-1.023E-01	2.506E+05	-4.888E+04	-1.158E-10	2.490E-11
209	5	181.00	7	1.443E+04	-4.264E+04	6.431E+02	-1.252E-01	-1.688E+05	-3.174E+04	-1.176E-10	-4.991E-14
209	5	181.00	8	1.441E+04	-4.264E+04	5.858E+02	-1.258E-01	-1.632E+05	-3.129E+04	-1.175E-10	1.568E-12
209	5	181.00	9	-1.984E+04	-4.265E+04	-2.445E+03	-1.017E-01	1.778E+05	-4.930E+04	-1.161E-10	3.128E-11
209	5	181.00	10	-1.985E+04	-4.265E+04	-2.502E+03	-1.023E-01	1.834E+05	-4.885E+04	-1.161E-10	3.289E-11
209	5	181.00	11	-1.616E+04	-4.262E+04	8.196E+02	-1.253E-01	-2.360E+05	-3.171E+04	-1.178E-10	7.943E-12
209	5	181.00	12	-1.618E+04	-4.262E+04	7.623E+02	-1.259E-01	-2.304E+05	-3.127E+04	-1.178E-10	9.561E-12
209	5	181.00	13	-2.017E+04	-4.265E+04	-2.548E+03	-1.017E-01	2.444E+05	-4.932E+04	-1.161E-10	2.329E-11
209	5	181.00	14	-2.018E+04	-4.265E+04	-2.605E+03	-1.023E-01	2.500E+05	-4.888E+04	-1.161E-10	2.491E-11
209	5	181.00	15	-1.649E+04	-4.263E+04	7.161E+02	-1.252E-01	-1.694E+05	-3.174E+04	-1.178E-10	-4.509E-14
209	5	181.00	16	-1.651E+04	-4.262E+04	6.588E+02	-1.258E-01	-1.638E+05	-3.129E+04	-1.178E-10	1.573E-12
210	1	0.00	1	1.441E+04	-3.958E+04	-5.858E+02	1.258E-01	3.495E+04	7.409E+06	0.000E+00	0.000E+00
210	1	0.00	2	1.442E+04	-3.958E+04	-6.431E+02	1.252E-01	3.021E+04	7.409E+06	0.000E+00	0.000E+00
210	1	0.00	3	1.074E+04	-3.960E+04	2.678E+03	1.023E-01	2.564E+05	7.397E+06	0.000E+00	0.000E+00
210	1	0.00	4	1.075E+04	-3.961E+04	2.621E+03	1.017E-01	2.517E+05	7.397E+06	0.000E+00	0.000E+00
210	1	0.00	5	1.474E+04	-3.958E+04	-6.894E+02	1.259E-01	8.283E+04	7.409E+06	0.000E+00	0.000E+00
210	1	0.00	6	1.475E+04	-3.958E+04	-7.467E+02	1.253E-01	7.809E+04	7.409E+06	0.000E+00	0.000E+00
210	1	0.00	7	1.107E+04	-3.960E+04	2.575E+03	1.023E-01	3.043E+05	7.397E+06	0.000E+00	0.000E+00
210	1	0.00	8	1.108E+04	-3.960E+04	2.517E+03	1.017E-01	2.996E+05	7.396E+06	0.000E+00	0.000E+00
210	1	0.00	9	-1.651E+04	-3.956E+04	-6.588E+02	1.258E-01	2.232E+04	7.407E+06	0.000E+00	0.000E+00

210	1	0.00	10	-1.650E+04	-3.956E+04	-7.161E+02	1.252E-01	1.757E+04	7.406E+06	0.000E+00	0.000E+00
210	1	0.00	11	-2.018E+04	-3.959E+04	2.605E+03	1.023E-01	2.438E+05	7.394E+06	0.000E+00	0.000E+00
210	1	0.00	12	-2.017E+04	-3.959E+04	2.548E+03	1.017E-01	2.390E+05	7.394E+06	0.000E+00	0.000E+00
210	1	0.00	13	-1.618E+04	-3.956E+04	-7.623E+02	1.259E-01	7.020E+04	7.406E+06	0.000E+00	0.000E+00
210	1	0.00	14	-1.617E+04	-3.956E+04	-8.196E+02	1.253E-01	6.545E+04	7.406E+06	0.000E+00	0.000E+00
210	1	0.00	15	-1.985E+04	-3.959E+04	2.502E+03	1.023E-01	2.917E+05	7.394E+06	0.000E+00	0.000E+00
210	1	0.00	16	-1.984E+04	-3.959E+04	2.445E+03	1.017E-01	2.869E+05	7.394E+06	0.000E+00	0.000E+00
210	2	45.25	1	1.441E+04	-4.034E+04	-5.858E+02	1.258E-01	1.578E+05	5.601E+06	-1.645E-03	1.064E-04
210	2	45.25	2	1.442E+04	-4.034E+04	-6.431E+02	1.252E-01	1.557E+05	5.601E+06	-1.645E-03	1.061E-04
210	2	45.25	3	1.074E+04	-4.037E+04	2.678E+03	1.023E-01	3.887E+04	5.587E+06	-1.640E-03	4.391E-06
210	2	45.25	4	1.075E+04	-4.037E+04	2.621E+03	1.017E-01	3.672E+04	5.587E+06	-1.640E-03	4.041E-06
210	2	45.25	5	1.474E+04	-4.034E+04	-6.894E+02	1.259E-01	2.104E+05	5.601E+06	-1.645E-03	1.526E-04
210	2	45.25	6	1.475E+04	-4.034E+04	-7.467E+02	1.253E-01	2.082E+05	5.601E+06	-1.645E-03	1.523E-04
210	2	45.25	7	1.107E+04	-4.037E+04	2.575E+03	1.023E-01	9.144E+04	5.587E+06	-1.640E-03	5.059E-05
210	2	45.25	8	1.108E+04	-4.037E+04	2.517E+03	1.017E-01	8.929E+04	5.587E+06	-1.640E-03	5.025E-05
210	2	45.25	9	-1.651E+04	-4.033E+04	-6.588E+02	1.258E-01	1.485E+05	5.599E+06	-1.645E-03	1.005E-04
210	2	45.25	10	-1.650E+04	-4.033E+04	-7.161E+02	1.252E-01	1.463E+05	5.599E+06	-1.645E-03	1.001E-04
210	2	45.25	11	-2.018E+04	-4.036E+04	2.605E+03	1.023E-01	2.953E+04	5.585E+06	-1.639E-03	-1.529E-06
210	2	45.25	12	-2.017E+04	-4.036E+04	2.548E+03	1.017E-01	2.738E+04	5.585E+06	-1.639E-03	-1.879E-06
210	2	45.25	13	-1.618E+04	-4.033E+04	-7.623E+02	1.259E-01	2.010E+05	5.599E+06	-1.645E-03	1.467E-04
210	2	45.25	14	-1.617E+04	-4.033E+04	-8.196E+02	1.253E-01	1.989E+05	5.599E+06	-1.644E-03	1.463E-04
210	2	45.25	15	-1.985E+04	-4.035E+04	2.502E+03	1.023E-01	8.210E+04	5.585E+06	-1.639E-03	4.467E-05
210	2	45.25	16	-1.984E+04	-4.036E+04	2.445E+03	1.017E-01	7.995E+04	5.585E+06	-1.639E-03	4.433E-05
210	3	90.50	1	1.441E+04	-4.111E+04	-5.858E+02	1.258E-01	1.266E+05	3.758E+06	-1.896E-03	1.401E-04
210	3	90.50	2	1.442E+04	-4.111E+04	-6.431E+02	1.252E-01	1.271E+05	3.758E+06	-1.896E-03	1.406E-04
210	3	90.50	3	1.074E+04	-4.114E+04	2.678E+03	1.023E-01	-2.464E+04	3.743E+06	-1.889E-03	-2.725E-05
210	3	90.50	4	1.075E+04	-4.114E+04	2.621E+03	1.017E-01	-2.419E+04	3.743E+06	-1.889E-03	-2.676E-05
210	3	90.50	5	1.474E+04	-4.111E+04	-6.894E+02	1.259E-01	1.839E+05	3.758E+06	-1.896E-03	2.034E-04
210	3	90.50	6	1.475E+04	-4.111E+04	-7.467E+02	1.253E-01	1.843E+05	3.758E+06	-1.896E-03	2.039E-04
210	3	90.50	7	1.107E+04	-4.114E+04	2.575E+03	1.023E-01	3.262E+04	3.743E+06	-1.889E-03	3.608E-05
210	3	90.50	8	1.108E+04	-4.114E+04	2.517E+03	1.017E-01	3.306E+04	3.743E+06	-1.889E-03	3.657E-05
210	3	90.50	9	-1.651E+04	-4.109E+04	-6.588E+02	1.258E-01	1.206E+05	3.757E+06	-1.896E-03	1.334E-04
210	3	90.50	10	-1.650E+04	-4.109E+04	-7.161E+02	1.252E-01	1.210E+05	3.757E+06	-1.896E-03	1.339E-04
210	3	90.50	11	-2.018E+04	-4.112E+04	2.605E+03	1.023E-01	-3.067E+04	3.742E+06	-1.889E-03	-3.393E-05
210	3	90.50	12	-2.017E+04	-4.112E+04	2.548E+03	1.017E-01	-3.023E+04	3.742E+06	-1.888E-03	-3.344E-05
210	3	90.50	13	-1.618E+04	-4.109E+04	-7.623E+02	1.259E-01	1.779E+05	3.757E+06	-1.896E-03	1.967E-04
210	3	90.50	14	-1.617E+04	-4.109E+04	-8.196E+02	1.253E-01	1.783E+05	3.757E+06	-1.896E-03	1.972E-04
210	3	90.50	15	-1.985E+04	-4.112E+04	2.502E+03	1.023E-01	2.658E+04	3.742E+06	-1.889E-03	2.941E-05
210	3	90.50	16	-1.984E+04	-4.112E+04	2.445E+03	1.017E-01	2.703E+04	3.742E+06	-1.888E-03	2.990E-05
210	4	135.75	1	1.441E+04	-4.187E+04	-5.858E+02	1.258E-01	1.408E+05	1.881E+06	-1.197E-03	1.074E-04
210	4	135.75	2	1.442E+04	-4.187E+04	-6.431E+02	1.252E-01	1.438E+05	1.880E+06	-1.197E-03	1.084E-04
210	4	135.75	3	1.074E+04	-4.190E+04	2.678E+03	1.023E-01	-1.335E+05	1.865E+06	-1.192E-03	-4.893E-05
210	4	135.75	4	1.075E+04	-4.190E+04	2.621E+03	1.017E-01	-1.305E+05	1.864E+06	-1.192E-03	-4.784E-05
210	4	135.75	5	1.474E+04	-4.187E+04	-6.894E+02	1.259E-01	2.028E+05	1.881E+06	-1.197E-03	1.562E-04
210	4	135.75	6	1.476E+04	-4.187E+04	-7.467E+02	1.253E-01	2.058E+05	1.880E+06	-1.197E-03	1.572E-04
210	4	135.75	7	1.107E+04	-4.190E+04	2.575E+03	1.023E-01	-7.156E+04	1.865E+06	-1.192E-03	-1.312E-07
210	4	135.75	8	1.108E+04	-4.190E+04	2.517E+03	1.017E-01	-6.852E+04	1.864E+06	-1.192E-03	9.533E-07
210	4	135.75	9	-1.651E+04	-4.186E+04	-6.588E+02	1.258E-01	1.381E+05	1.880E+06	-1.197E-03	1.033E-04
210	4	135.75	10	-1.650E+04	-4.186E+04	-7.161E+02	1.252E-01	1.411E+05	1.880E+06	-1.197E-03	1.043E-04
210	4	135.75	11	-2.018E+04	-4.189E+04	2.605E+03	1.023E-01	-1.362E+05	1.864E+06	-1.191E-03	-5.302E-05
210	4	135.75	12	-2.017E+04	-4.189E+04	2.548E+03	1.017E-01	-1.332E+05	1.863E+06	-1.191E-03	-5.194E-05
210	4	135.75	13	-1.618E+04	-4.186E+04	-7.623E+02	1.259E-01	2.000E+05	1.880E+06	-1.197E-03	1.521E-04
210	4	135.75	14	-1.616E+04	-4.186E+04	-8.196E+02	1.253E-01	2.031E+05	1.880E+06	-1.197E-03	1.531E-04
210	4	135.75	15	-1.985E+04	-4.189E+04	2.502E+03	1.023E-01	-7.429E+04	1.864E+06	-1.191E-03	-4.225E-06
210	4	135.75	16	-1.984E+04	-4.189E+04	2.445E+03	1.017E-01	-7.126E+04	1.863E+06	-1.191E-03	-3.141E-06
210	5	181.00	1	1.441E+04	-4.264E+04	-5.858E+02	1.258E-01	1.632E+05	-3.129E+04	-1.175E-10	-1.563E-12
210	5	181.00	2	1.443E+04	-4.264E+04	-6.431E+02	1.252E-01	1.688E+05	-3.174E+04	-1.176E-10	5.545E-14
210	5	181.00	3	1.074E+04	-4.267E+04	2.678E+03	1.023E-01	-2.506E+05	-4.888E+04	-1.158E-10	-2.490E-11
210	5	181.00	4	1.075E+04	-4.267E+04	2.621E+03	1.017E-01	-2.450E+05	-4.932E+04	-1.159E-10	-2.328E-11
210	5	181.00	5	1.474E+04	-4.264E+04	-6.894E+02	1.259E-01	2.298E+05	-3.127E+04	-1.176E-10	-9.550E-12
210	5	181.00	6	1.476E+04	-4.264E+04	-7.467E+02	1.253E-01	2.355E+05	-3.171E+04	-1.176E-10	-7.932E-12
210	5	181.00	7	1.107E+04	-4.267E+04	2.575E+03	1.023E-01	-1.840E+05	-4.885E+04	-1.159E-10	-3.288E-11

210	5	181.00	8	1.108E+04	-4.267E+04	2.517E+03	1.017E-01	-1.783E+05	-4.930E+04	-1.159E-10	-3.127E-11
210	5	181.00	9	-1.651E+04	-4.262E+04	-6.588E+02	1.258E-01	1.638E+05	-3.129E+04	-1.178E-10	-1.575E-12
210	5	181.00	10	-1.649E+04	-4.263E+04	-7.161E+02	1.252E-01	1.694E+05	-3.174E+04	-1.178E-10	4.288E-14
210	5	181.00	11	-2.018E+04	-4.265E+04	2.605E+03	1.023E-01	-2.500E+05	-4.888E+04	-1.161E-10	-2.491E-11
210	5	181.00	12	-2.017E+04	-4.265E+04	2.548E+03	1.017E-01	-2.444E+05	-4.932E+04	-1.161E-10	-2.329E-11
210	5	181.00	13	-1.618E+04	-4.262E+04	-7.623E+02	1.259E-01	2.304E+05	-3.127E+04	-1.178E-10	-9.563E-12
210	5	181.00	14	-1.616E+04	-4.262E+04	-8.196E+02	1.253E-01	2.360E+05	-3.171E+04	-1.178E-10	-7.945E-12
210	5	181.00	15	-1.985E+04	-4.265E+04	2.502E+03	1.023E-01	-1.834E+05	-4.885E+04	-1.161E-10	-3.290E-11
210	5	181.00	16	-1.984E+04	-4.265E+04	2.445E+03	1.017E-01	-1.778E+05	-4.930E+04	-1.161E-10	-3.128E-11
211	1	0.00	1	1.270E+02	1.168E+03	1.905E+01	-3.870E-16	1.315E+03	-4.030E+04	0.000E+00	0.000E+00
211	1	0.00	2	1.270E+02	1.168E+03	1.972E+01	-3.758E-16	1.361E+03	-4.030E+04	0.000E+00	0.000E+00
211	1	0.00	3	1.270E+02	1.168E+03	-1.972E+01	-1.055E-15	-1.361E+03	-4.030E+04	0.000E+00	0.000E+00
211	1	0.00	4	1.270E+02	1.168E+03	-1.905E+01	-1.044E-15	-1.315E+03	-4.030E+04	0.000E+00	0.000E+00
211	1	0.00	5	1.377E+02	1.168E+03	1.905E+01	-3.870E-16	1.315E+03	-4.030E+04	0.000E+00	0.000E+00
211	1	0.00	6	1.377E+02	1.168E+03	1.972E+01	-3.758E-16	1.361E+03	-4.030E+04	0.000E+00	0.000E+00
211	1	0.00	7	1.377E+02	1.168E+03	-1.972E+01	-1.055E-15	-1.361E+03	-4.030E+04	0.000E+00	0.000E+00
211	1	0.00	8	1.377E+02	1.168E+03	-1.905E+01	-1.044E-15	-1.315E+03	-4.030E+04	0.000E+00	0.000E+00
211	1	0.00	9	-1.377E+02	1.168E+03	1.905E+01	1.407E-15	1.315E+03	-4.030E+04	0.000E+00	0.000E+00
211	1	0.00	10	-1.377E+02	1.168E+03	1.972E+01	1.418E-15	1.361E+03	-4.030E+04	0.000E+00	0.000E+00
211	1	0.00	11	-1.377E+02	1.168E+03	-1.972E+01	7.387E-16	-1.361E+03	-4.030E+04	0.000E+00	0.000E+00
211	1	0.00	12	-1.377E+02	1.168E+03	-1.905E+01	7.498E-16	-1.315E+03	-4.030E+04	0.000E+00	0.000E+00
211	1	0.00	13	-1.270E+02	1.168E+03	1.905E+01	1.407E-15	1.315E+03	-4.030E+04	0.000E+00	0.000E+00
211	1	0.00	14	-1.270E+02	1.168E+03	1.972E+01	1.418E-15	1.361E+03	-4.030E+04	0.000E+00	0.000E+00
211	1	0.00	15	-1.270E+02	1.168E+03	-1.972E+01	7.387E-16	-1.361E+03	-4.030E+04	0.000E+00	0.000E+00
211	1	0.00	16	-1.270E+02	1.168E+03	-1.905E+01	7.498E-16	-1.315E+03	-4.030E+04	0.000E+00	0.000E+00
211	2	17.25	1	1.270E+02	8.760E+02	1.905E+01	-3.870E-16	9.859E+02	-2.267E+04	-9.208E-06	9.245E-08
211	2	17.25	2	1.270E+02	8.760E+02	1.972E+01	-3.758E-16	1.020E+03	-2.267E+04	-9.208E-06	9.569E-08
211	2	17.25	3	1.270E+02	8.760E+02	-1.972E+01	-1.055E-15	-1.020E+03	-2.267E+04	-9.208E-06	-9.569E-08
211	2	17.25	4	1.270E+02	8.760E+02	-1.905E+01	-1.044E-15	-9.859E+02	-2.267E+04	-9.208E-06	-9.245E-08
211	2	17.25	5	1.377E+02	8.760E+02	1.905E+01	-3.870E-16	9.859E+02	-2.267E+04	-9.208E-06	9.245E-08
211	2	17.25	6	1.377E+02	8.760E+02	1.972E+01	-3.758E-16	1.020E+03	-2.267E+04	-9.208E-06	9.569E-08
211	2	17.25	7	1.377E+02	8.760E+02	-1.972E+01	-1.055E-15	-1.020E+03	-2.267E+04	-9.208E-06	-9.569E-08
211	2	17.25	8	1.377E+02	8.760E+02	-1.905E+01	-1.044E-15	-9.859E+02	-2.267E+04	-9.208E-06	-9.245E-08
211	2	17.25	9	-1.377E+02	8.760E+02	1.905E+01	1.407E-15	9.859E+02	-2.267E+04	-9.208E-06	9.245E-08
211	2	17.25	10	-1.377E+02	8.760E+02	1.972E+01	1.418E-15	1.020E+03	-2.267E+04	-9.208E-06	9.569E-08
211	2	17.25	11	-1.377E+02	8.760E+02	-1.972E+01	7.387E-16	-1.020E+03	-2.267E+04	-9.208E-06	-9.569E-08
211	2	17.25	12	-1.377E+02	8.760E+02	-1.905E+01	7.498E-16	-9.859E+02	-2.267E+04	-9.208E-06	-9.245E-08
211	2	17.25	13	-1.270E+02	8.760E+02	1.905E+01	1.407E-15	9.859E+02	-2.267E+04	-9.208E-06	9.245E-08
211	2	17.25	14	-1.270E+02	8.760E+02	1.972E+01	1.418E-15	1.020E+03	-2.267E+04	-9.208E-06	9.569E-08
211	2	17.25	15	-1.270E+02	8.760E+02	-1.972E+01	7.387E-16	-1.020E+03	-2.267E+04	-9.208E-06	-9.569E-08
211	2	17.25	16	-1.270E+02	8.760E+02	-1.905E+01	7.498E-16	-9.859E+02	-2.267E+04	-9.208E-06	-9.245E-08
211	3	34.50	1	1.270E+02	5.840E+02	1.905E+01	-3.870E-16	6.573E+02	-1.007E+04	-1.254E-05	1.057E-07
211	3	34.50	2	1.270E+02	5.840E+02	1.972E+01	-3.758E-16	6.803E+02	-1.007E+04	-1.254E-05	1.094E-07
211	3	34.50	3	1.270E+02	5.840E+02	-1.972E+01	-1.055E-15	-6.803E+02	-1.007E+04	-1.254E-05	-1.094E-07
211	3	34.50	4	1.270E+02	5.840E+02	-1.905E+01	-1.044E-15	-6.573E+02	-1.007E+04	-1.254E-05	-1.057E-07
211	3	34.50	5	1.377E+02	5.840E+02	1.905E+01	-3.870E-16	6.573E+02	-1.007E+04	-1.254E-05	1.057E-07
211	3	34.50	6	1.377E+02	5.840E+02	1.972E+01	-3.758E-16	6.803E+02	-1.007E+04	-1.254E-05	1.094E-07
211	3	34.50	7	1.377E+02	5.840E+02	-1.972E+01	-1.055E-15	-6.803E+02	-1.007E+04	-1.254E-05	-1.094E-07
211	3	34.50	8	1.377E+02	5.840E+02	-1.905E+01	-1.044E-15	-6.573E+02	-1.007E+04	-1.254E-05	-1.057E-07
211	3	34.50	9	-1.377E+02	5.840E+02	1.905E+01	1.407E-15	6.573E+02	-1.007E+04	-1.254E-05	1.057E-07
211	3	34.50	10	-1.377E+02	5.840E+02	1.972E+01	1.418E-15	6.803E+02	-1.007E+04	-1.254E-05	1.094E-07
211	3	34.50	11	-1.377E+02	5.840E+02	-1.972E+01	7.387E-16	-6.803E+02	-1.007E+04	-1.254E-05	-1.094E-07
211	3	34.50	12	-1.377E+02	5.840E+02	-1.905E+01	7.498E-16	-6.573E+02	-1.007E+04	-1.254E-05	-1.057E-07
211	3	34.50	13	-1.270E+02	5.840E+02	1.905E+01	1.407E-15	6.573E+02	-1.007E+04	-1.254E-05	1.057E-07
211	3	34.50	14	-1.270E+02	5.840E+02	1.972E+01	1.418E-15	6.803E+02	-1.007E+04	-1.254E-05	1.094E-07
211	3	34.50	15	-1.270E+02	5.840E+02	-1.972E+01	7.387E-16	-6.803E+02	-1.007E+04	-1.254E-05	-1.094E-07
211	3	34.50	16	-1.270E+02	5.840E+02	-1.905E+01	7.498E-16	-6.573E+02	-1.007E+04	-1.254E-05	-1.057E-07
211	4	51.75	1	1.270E+02	2.920E+02	1.905E+01	-3.870E-16	3.286E+02	-2.518E+03	-9.561E-06	6.604E-08
211	4	51.75	2	1.270E+02	2.920E+02	1.972E+01	-3.758E-16	3.401E+02	-2.518E+03	-9.561E-06	6.835E-08
211	4	51.75	3	1.270E+02	2.920E+02	-1.972E+01	-1.055E-15	-3.401E+02	-2.518E+03	-9.561E-06	-6.835E-08
211	4	51.75	4	1.270E+02	2.920E+02	-1.905E+01	-1.044E-15	-3.286E+02	-2.518E+03	-9.561E-06	-6.604E-08
211	4	51.75	5	1.377E+02	2.920E+02	1.905E+01	-3.870E-16	3.286E+02	-2.518E+03	-9.561E-06	6.604E-08

211	4	51.75	6	1.377E+02	2.920E+02	1.972E+01	-3.758E-16	3.401E+02	-2.518E+03	-9.561E-06	6.835E-08
211	4	51.75	7	1.377E+02	2.920E+02	-1.972E+01	-1.055E-15	-3.401E+02	-2.518E+03	-9.561E-06	-6.835E-08
211	4	51.75	8	1.377E+02	2.920E+02	-1.905E+01	-1.044E-15	-3.286E+02	-2.518E+03	-9.561E-06	-6.604E-08
211	4	51.75	9	-1.377E+02	2.920E+02	1.905E+01	1.407E-15	3.286E+02	-2.518E+03	-9.561E-06	6.604E-08
211	4	51.75	10	-1.377E+02	2.920E+02	1.972E+01	1.418E-15	3.401E+02	-2.518E+03	-9.561E-06	6.835E-08
211	4	51.75	11	-1.377E+02	2.920E+02	-1.972E+01	7.387E-16	-3.401E+02	-2.518E+03	-9.561E-06	-6.835E-08
211	4	51.75	12	-1.377E+02	2.920E+02	-1.905E+01	7.498E-16	-3.286E+02	-2.518E+03	-9.561E-06	-6.604E-08
211	4	51.75	13	-1.270E+02	2.920E+02	1.905E+01	1.407E-15	3.286E+02	-2.518E+03	-9.561E-06	6.604E-08
211	4	51.75	14	-1.270E+02	2.920E+02	1.972E+01	1.418E-15	3.401E+02	-2.518E+03	-9.561E-06	6.835E-08
211	4	51.75	15	-1.270E+02	2.920E+02	-1.972E+01	7.387E-16	-3.401E+02	-2.518E+03	-9.561E-06	-6.835E-08
211	4	51.75	16	-1.270E+02	2.920E+02	-1.905E+01	7.498E-16	-3.286E+02	-2.518E+03	-9.561E-06	-6.604E-08
211	5	69.00	1	1.270E+02	-1.243E-09	1.905E+01	-3.870E-16	-2.716E-08	-9.490E-10	3.807E-13	-2.426E-14
211	5	69.00	2	1.270E+02	-1.251E-09	1.972E+01	-3.758E-16	-2.784E-08	-1.351E-09	3.807E-13	-2.336E-14
211	5	69.00	3	1.270E+02	-4.222E-10	-1.972E+01	-1.055E-15	2.866E-08	2.629E-08	3.807E-13	2.336E-14
211	5	69.00	4	1.270E+02	-4.296E-10	-1.905E+01	-1.044E-15	2.798E-08	2.588E-08	3.807E-13	2.426E-14
211	5	69.00	5	1.377E+02	-1.244E-09	1.905E+01	-3.870E-16	-2.706E-08	-9.581E-10	3.807E-13	-2.426E-14
211	5	69.00	6	1.377E+02	-1.251E-09	1.972E+01	-3.758E-16	-2.774E-08	-1.360E-09	3.807E-13	-2.336E-14
211	5	69.00	7	1.377E+02	-4.224E-10	-1.972E+01	-1.055E-15	2.877E-08	2.628E-08	3.807E-13	2.336E-14
211	5	69.00	8	1.377E+02	-4.298E-10	-1.905E+01	-1.044E-15	2.809E-08	2.587E-08	3.807E-13	2.426E-14
211	5	69.00	9	-1.377E+02	1.010E-09	1.905E+01	1.407E-15	-3.043E-08	9.486E-08	3.807E-13	-2.426E-14
211	5	69.00	10	-1.377E+02	1.003E-09	1.972E+01	1.418E-15	-3.111E-08	9.446E-08	3.807E-13	-2.336E-14
211	5	69.00	11	-1.377E+02	1.831E-09	-1.972E+01	7.387E-16	2.539E-08	1.221E-07	3.807E-13	2.336E-14
211	5	69.00	12	-1.377E+02	1.824E-09	-1.905E+01	7.498E-16	2.471E-08	1.217E-07	3.807E-13	2.426E-14
211	5	69.00	13	-1.270E+02	1.010E-09	1.905E+01	1.407E-15	-3.033E-08	9.485E-08	3.807E-13	-2.426E-14
211	5	69.00	14	-1.270E+02	1.002E-09	1.972E+01	1.418E-15	-3.101E-08	9.445E-08	3.807E-13	-2.336E-14
211	5	69.00	15	-1.270E+02	1.831E-09	-1.972E+01	7.387E-16	2.550E-08	1.221E-07	3.807E-13	2.336E-14
211	5	69.00	16	-1.270E+02	1.824E-09	-1.905E+01	7.498E-16	2.482E-08	1.217E-07	3.807E-13	2.426E-14
212	1	0.00	1	1.377E+02	1.168E+03	1.905E+01	1.257E-15	1.315E+03	-4.030E+04	0.000E+00	0.000E+00
212	1	0.00	2	1.377E+02	1.168E+03	1.972E+01	1.249E-15	1.361E+03	-4.030E+04	0.000E+00	0.000E+00
212	1	0.00	3	1.377E+02	1.168E+03	-1.972E+01	9.404E-16	-1.361E+03	-4.030E+04	0.000E+00	0.000E+00
212	1	0.00	4	1.377E+02	1.168E+03	-1.905E+01	9.330E-16	-1.315E+03	-4.030E+04	0.000E+00	0.000E+00
212	1	0.00	5	1.270E+02	1.168E+03	1.905E+01	1.259E-15	1.315E+03	-4.030E+04	0.000E+00	0.000E+00
212	1	0.00	6	1.270E+02	1.168E+03	1.972E+01	1.251E-15	1.361E+03	-4.030E+04	0.000E+00	0.000E+00
212	1	0.00	7	1.270E+02	1.168E+03	-1.972E+01	9.424E-16	-1.361E+03	-4.030E+04	0.000E+00	0.000E+00
212	1	0.00	8	1.270E+02	1.168E+03	-1.905E+01	9.350E-16	-1.315E+03	-4.030E+04	0.000E+00	0.000E+00
212	1	0.00	9	-1.270E+02	1.168E+03	1.905E+01	-9.546E-16	1.315E+03	-4.030E+04	0.000E+00	0.000E+00
212	1	0.00	10	-1.270E+02	1.168E+03	1.972E+01	-9.620E-16	1.361E+03	-4.030E+04	0.000E+00	0.000E+00
212	1	0.00	11	-1.270E+02	1.168E+03	-1.972E+01	-1.271E-15	-1.361E+03	-4.030E+04	0.000E+00	0.000E+00
212	1	0.00	12	-1.270E+02	1.168E+03	-1.905E+01	-1.278E-15	-1.315E+03	-4.030E+04	0.000E+00	0.000E+00
212	1	0.00	13	-1.377E+02	1.168E+03	1.905E+01	-9.525E-16	1.315E+03	-4.030E+04	0.000E+00	0.000E+00
212	1	0.00	14	-1.377E+02	1.168E+03	1.972E+01	-9.599E-16	1.361E+03	-4.030E+04	0.000E+00	0.000E+00
212	1	0.00	15	-1.377E+02	1.168E+03	-1.972E+01	-1.269E-15	-1.361E+03	-4.030E+04	0.000E+00	0.000E+00
212	1	0.00	16	-1.377E+02	1.168E+03	-1.905E+01	-1.276E-15	-1.315E+03	-4.030E+04	0.000E+00	0.000E+00
212	2	17.25	1	1.377E+02	8.760E+02	1.905E+01	1.257E-15	9.859E+02	-2.267E+04	-9.208E-06	9.245E-08
212	2	17.25	2	1.377E+02	8.760E+02	1.972E+01	1.249E-15	1.020E+03	-2.267E+04	-9.208E-06	9.569E-08
212	2	17.25	3	1.377E+02	8.760E+02	-1.972E+01	9.404E-16	-1.020E+03	-2.267E+04	-9.208E-06	-9.569E-08
212	2	17.25	4	1.377E+02	8.760E+02	-1.905E+01	9.330E-16	-9.859E+02	-2.267E+04	-9.208E-06	-9.245E-08
212	2	17.25	5	1.270E+02	8.760E+02	1.905E+01	1.259E-15	9.859E+02	-2.267E+04	-9.208E-06	9.245E-08
212	2	17.25	6	1.270E+02	8.760E+02	1.972E+01	1.251E-15	1.020E+03	-2.267E+04	-9.208E-06	9.569E-08
212	2	17.25	7	1.270E+02	8.760E+02	-1.972E+01	9.424E-16	-1.020E+03	-2.267E+04	-9.208E-06	-9.569E-08
212	2	17.25	8	1.270E+02	8.760E+02	-1.905E+01	9.350E-16	-9.859E+02	-2.267E+04	-9.208E-06	-9.245E-08
212	2	17.25	9	-1.270E+02	8.760E+02	1.905E+01	-9.546E-16	9.859E+02	-2.267E+04	-9.208E-06	9.245E-08
212	2	17.25	10	-1.270E+02	8.760E+02	1.972E+01	-9.620E-16	1.020E+03	-2.267E+04	-9.208E-06	9.569E-08
212	2	17.25	11	-1.270E+02	8.760E+02	-1.972E+01	-1.271E-15	-1.020E+03	-2.267E+04	-9.208E-06	-9.569E-08
212	2	17.25	12	-1.270E+02	8.760E+02	-1.905E+01	-1.278E-15	-9.859E+02	-2.267E+04	-9.208E-06	-9.245E-08
212	2	17.25	13	-1.377E+02	8.760E+02	1.905E+01	-9.525E-16	9.859E+02	-2.267E+04	-9.208E-06	9.245E-08
212	2	17.25	14	-1.377E+02	8.760E+02	1.972E+01	-9.599E-16	1.020E+03	-2.267E+04	-9.208E-06	9.569E-08
212	2	17.25	15	-1.377E+02	8.760E+02	-1.972E+01	-1.269E-15	-1.020E+03	-2.267E+04	-9.208E-06	-9.569E-08
212	2	17.25	16	-1.377E+02	8.760E+02	-1.905E+01	-1.276E-15	-9.859E+02	-2.267E+04	-9.208E-06	-9.245E-08
212	3	34.50	1	1.377E+02	5.840E+02	1.905E+01	1.257E-15	6.573E+02	-1.007E+04	-1.254E-05	1.057E-07
212	3	34.50	2	1.377E+02	5.840E+02	1.972E+01	1.249E-15	6.803E+02	-1.007E+04	-1.254E-05	1.094E-07
212	3	34.50	3	1.377E+02	5.840E+02	-1.972E+01	9.404E-16	-6.803E+02	-1.007E+04	-1.254E-05	-1.094E-07

212	3	34.50	4	1.377E+02	5.840E+02	-1.905E+01	9.330E-16	-6.573E+02	-1.007E+04	-1.254E-05	-1.057E-07
212	3	34.50	5	1.270E+02	5.840E+02	1.905E+01	1.259E-15	6.573E+02	-1.007E+04	-1.254E-05	1.057E-07
212	3	34.50	6	1.270E+02	5.840E+02	1.972E+01	1.251E-15	6.803E+02	-1.007E+04	-1.254E-05	1.094E-07
212	3	34.50	7	1.270E+02	5.840E+02	-1.972E+01	9.424E-16	-6.803E+02	-1.007E+04	-1.254E-05	-1.094E-07
212	3	34.50	8	1.270E+02	5.840E+02	-1.905E+01	9.350E-16	-6.573E+02	-1.007E+04	-1.254E-05	-1.057E-07
212	3	34.50	9	-1.270E+02	5.840E+02	1.905E+01	-9.546E-16	6.573E+02	-1.007E+04	-1.254E-05	1.057E-07
212	3	34.50	10	-1.270E+02	5.840E+02	1.972E+01	-9.620E-16	6.803E+02	-1.007E+04	-1.254E-05	1.094E-07
212	3	34.50	11	-1.270E+02	5.840E+02	-1.972E+01	-1.271E-15	-6.803E+02	-1.007E+04	-1.254E-05	-1.094E-07
212	3	34.50	12	-1.270E+02	5.840E+02	-1.905E+01	-1.278E-15	-6.573E+02	-1.007E+04	-1.254E-05	-1.057E-07
212	3	34.50	13	-1.377E+02	5.840E+02	1.905E+01	-9.525E-16	6.573E+02	-1.007E+04	-1.254E-05	1.057E-07
212	3	34.50	14	-1.377E+02	5.840E+02	1.972E+01	-9.599E-16	6.803E+02	-1.007E+04	-1.254E-05	1.094E-07
212	3	34.50	15	-1.377E+02	5.840E+02	-1.972E+01	-1.269E-15	-6.803E+02	-1.007E+04	-1.254E-05	-1.094E-07
212	3	34.50	16	-1.377E+02	5.840E+02	-1.905E+01	-1.276E-15	-6.573E+02	-1.007E+04	-1.254E-05	-1.057E-07
212	4	51.75	1	1.377E+02	2.920E+02	1.905E+01	1.257E-15	3.286E+02	-2.518E+03	-9.561E-06	6.604E-08
212	4	51.75	2	1.377E+02	2.920E+02	1.972E+01	1.249E-15	3.401E+02	-2.518E+03	-9.561E-06	6.835E-08
212	4	51.75	3	1.377E+02	2.920E+02	-1.972E+01	9.404E-16	-3.401E+02	-2.518E+03	-9.561E-06	-6.835E-08
212	4	51.75	4	1.377E+02	2.920E+02	-1.905E+01	9.330E-16	-3.286E+02	-2.518E+03	-9.561E-06	-6.604E-08
212	4	51.75	5	1.270E+02	2.920E+02	1.905E+01	1.259E-15	3.286E+02	-2.518E+03	-9.561E-06	6.604E-08
212	4	51.75	6	1.270E+02	2.920E+02	1.972E+01	1.251E-15	3.401E+02	-2.518E+03	-9.561E-06	6.835E-08
212	4	51.75	7	1.270E+02	2.920E+02	-1.972E+01	9.424E-16	-3.401E+02	-2.518E+03	-9.561E-06	-6.835E-08
212	4	51.75	8	1.270E+02	2.920E+02	-1.905E+01	9.350E-16	-3.286E+02	-2.518E+03	-9.561E-06	-6.604E-08
212	4	51.75	9	-1.270E+02	2.920E+02	1.905E+01	-9.546E-16	3.286E+02	-2.518E+03	-9.561E-06	6.604E-08
212	4	51.75	10	-1.270E+02	2.920E+02	1.972E+01	-9.620E-16	3.401E+02	-2.518E+03	-9.561E-06	6.835E-08
212	4	51.75	11	-1.270E+02	2.920E+02	-1.972E+01	-1.271E-15	-3.401E+02	-2.518E+03	-9.561E-06	-6.835E-08
212	4	51.75	12	-1.270E+02	2.920E+02	-1.905E+01	-1.278E-15	-3.286E+02	-2.518E+03	-9.561E-06	-6.604E-08
212	4	51.75	13	-1.377E+02	2.920E+02	1.905E+01	-9.525E-16	3.286E+02	-2.518E+03	-9.561E-06	6.604E-08
212	4	51.75	14	-1.377E+02	2.920E+02	1.972E+01	-9.599E-16	3.401E+02	-2.518E+03	-9.561E-06	6.835E-08
212	4	51.75	15	-1.377E+02	2.920E+02	-1.972E+01	-1.269E-15	-3.401E+02	-2.518E+03	-9.561E-06	-6.835E-08
212	4	51.75	16	-1.377E+02	2.920E+02	-1.905E+01	-1.276E-15	-3.286E+02	-2.518E+03	-9.561E-06	-6.604E-08
212	5	69.00	1	1.377E+02	6.534E-10	1.905E+01	1.257E-15	4.320E-09	3.900E-08	3.808E-13	-2.425E-14
212	5	69.00	2	1.377E+02	6.406E-10	1.972E+01	1.249E-15	4.788E-09	3.861E-08	3.808E-13	-2.334E-14
212	5	69.00	3	1.377E+02	5.544E-10	-1.972E+01	9.404E-16	-7.910E-08	2.735E-08	3.808E-13	2.334E-14
212	5	69.00	4	1.377E+02	5.416E-10	-1.905E+01	9.330E-16	-7.864E-08	2.697E-08	3.808E-13	2.425E-14
212	5	69.00	5	1.270E+02	6.520E-10	1.905E+01	1.259E-15	4.555E-09	3.890E-08	3.808E-13	-2.425E-14
212	5	69.00	6	1.270E+02	6.392E-10	1.972E+01	1.251E-15	5.023E-09	3.852E-08	3.808E-13	-2.334E-14
212	5	69.00	7	1.270E+02	5.530E-10	-1.972E+01	9.424E-16	-7.887E-08	2.725E-08	3.808E-13	2.334E-14
212	5	69.00	8	1.270E+02	5.402E-10	-1.905E+01	9.350E-16	-7.840E-08	2.687E-08	3.808E-13	2.425E-14
212	5	69.00	9	-1.270E+02	2.001E-10	1.905E+01	-9.546E-16	7.128E-08	1.103E-08	3.808E-13	-2.425E-14
212	5	69.00	10	-1.270E+02	1.873E-10	1.972E+01	-9.620E-16	7.175E-08	1.065E-08	3.808E-13	-2.334E-14
212	5	69.00	11	-1.270E+02	1.011E-10	-1.972E+01	-1.271E-15	-1.214E-08	-6.100E-10	3.808E-13	2.334E-14
212	5	69.00	12	-1.270E+02	8.833E-11	-1.905E+01	-1.278E-15	-1.168E-08	-9.924E-10	3.808E-13	2.425E-14
212	5	69.00	13	-1.377E+02	1.987E-10	1.905E+01	-9.525E-16	7.151E-08	1.094E-08	3.808E-13	-2.425E-14
212	5	69.00	14	-1.377E+02	1.859E-10	1.972E+01	-9.599E-16	7.198E-08	1.055E-08	3.808E-13	-2.334E-14
212	5	69.00	15	-1.377E+02	9.967E-11	-1.972E+01	-1.269E-15	-1.191E-08	-7.067E-10	3.808E-13	2.334E-14
212	5	69.00	16	-1.377E+02	8.692E-11	-1.905E+01	-1.276E-15	-1.144E-08	-1.089E-09	3.808E-13	2.425E-14
213	1	0.00	1	-1.279E+02	-1.911E-10	-1.891E+01	0.000E+00	-1.722E-08	6.495E-08	0.000E+00	0.000E+00
213	1	0.00	2	-1.279E+02	-1.937E-10	-1.957E+01	0.000E+00	-1.756E-08	6.503E-08	0.000E+00	0.000E+00
213	1	0.00	3	-1.279E+02	1.933E-11	1.957E+01	0.000E+00	1.796E-08	5.562E-08	0.000E+00	0.000E+00
213	1	0.00	4	-1.279E+02	1.678E-11	1.891E+01	0.000E+00	1.762E-08	5.570E-08	0.000E+00	0.000E+00
213	1	0.00	5	-1.386E+02	-1.912E-10	-1.891E+01	0.000E+00	-1.742E-08	6.495E-08	0.000E+00	0.000E+00
213	1	0.00	6	-1.386E+02	-1.937E-10	-1.957E+01	0.000E+00	-1.777E-08	6.503E-08	0.000E+00	0.000E+00
213	1	0.00	7	-1.386E+02	1.931E-11	1.957E+01	0.000E+00	1.776E-08	5.562E-08	0.000E+00	0.000E+00
213	1	0.00	8	-1.386E+02	1.676E-11	1.891E+01	0.000E+00	1.741E-08	5.570E-08	0.000E+00	0.000E+00
213	1	0.00	9	1.386E+02	-4.631E-10	-1.891E+01	0.000E+00	-1.715E-08	6.495E-08	0.000E+00	0.000E+00
213	1	0.00	10	1.386E+02	-4.657E-10	-1.957E+01	0.000E+00	-1.750E-08	6.503E-08	0.000E+00	0.000E+00
213	1	0.00	11	1.386E+02	-2.526E-10	1.957E+01	0.000E+00	1.803E-08	5.562E-08	0.000E+00	0.000E+00
213	1	0.00	12	1.386E+02	-2.552E-10	1.891E+01	0.000E+00	1.768E-08	5.570E-08	0.000E+00	0.000E+00
213	1	0.00	13	1.279E+02	-4.631E-10	-1.891E+01	0.000E+00	-1.736E-08	6.495E-08	0.000E+00	0.000E+00
213	1	0.00	14	1.279E+02	-4.657E-10	-1.957E+01	0.000E+00	-1.771E-08	6.503E-08	0.000E+00	0.000E+00
213	1	0.00	15	1.279E+02	-2.527E-10	1.957E+01	0.000E+00	1.782E-08	5.562E-08	0.000E+00	0.000E+00
213	1	0.00	16	1.279E+02	-2.552E-10	1.891E+01	0.000E+00	1.748E-08	5.570E-08	0.000E+00	0.000E+00
213	2	17.25	1	-1.279E+02	-2.920E+02	-1.891E+01	0.000E+00	3.262E+02	-2.518E+03	-9.561E-06	6.555E-08

213	2	17.25	2	-1.279E+02	-2.920E+02	-1.957E+01	0.000E+00	3.376E+02	-2.518E+03	-9.561E-06	6.783E-08
213	2	17.25	3	-1.279E+02	-2.920E+02	1.957E+01	0.000E+00	-3.376E+02	-2.518E+03	-9.561E-06	-6.783E-08
213	2	17.25	4	-1.279E+02	-2.920E+02	1.891E+01	0.000E+00	-3.262E+02	-2.518E+03	-9.561E-06	-6.555E-08
213	2	17.25	5	-1.386E+02	-2.920E+02	-1.891E+01	0.000E+00	3.262E+02	-2.518E+03	-9.561E-06	6.555E-08
213	2	17.25	6	-1.386E+02	-2.920E+02	-1.957E+01	0.000E+00	3.376E+02	-2.518E+03	-9.561E-06	6.783E-08
213	2	17.25	7	-1.386E+02	-2.920E+02	1.957E+01	0.000E+00	-3.376E+02	-2.518E+03	-9.561E-06	-6.783E-08
213	2	17.25	8	-1.386E+02	-2.920E+02	1.891E+01	0.000E+00	-3.262E+02	-2.518E+03	-9.561E-06	-6.555E-08
213	2	17.25	9	1.386E+02	-2.920E+02	-1.891E+01	0.000E+00	3.262E+02	-2.518E+03	-9.561E-06	6.555E-08
213	2	17.25	10	1.386E+02	-2.920E+02	-1.957E+01	0.000E+00	3.376E+02	-2.518E+03	-9.561E-06	6.783E-08
213	2	17.25	11	1.386E+02	-2.920E+02	1.957E+01	0.000E+00	-3.376E+02	-2.518E+03	-9.561E-06	-6.783E-08
213	2	17.25	12	1.386E+02	-2.920E+02	1.891E+01	0.000E+00	-3.262E+02	-2.518E+03	-9.561E-06	-6.555E-08
213	2	17.25	13	1.279E+02	-2.920E+02	-1.891E+01	0.000E+00	3.262E+02	-2.518E+03	-9.561E-06	6.555E-08
213	2	17.25	14	1.279E+02	-2.920E+02	-1.957E+01	0.000E+00	3.376E+02	-2.518E+03	-9.561E-06	6.783E-08
213	2	17.25	15	1.279E+02	-2.920E+02	1.957E+01	0.000E+00	-3.376E+02	-2.518E+03	-9.561E-06	-6.783E-08
213	2	17.25	16	1.279E+02	-2.920E+02	1.891E+01	0.000E+00	-3.262E+02	-2.518E+03	-9.561E-06	-6.555E-08
213	3	34.50	1	-1.279E+02	-5.840E+02	-1.891E+01	0.000E+00	6.524E+02	-1.007E+04	-1.254E-05	1.049E-07
213	3	34.50	2	-1.279E+02	-5.840E+02	-1.957E+01	0.000E+00	6.752E+02	-1.007E+04	-1.254E-05	1.085E-07
213	3	34.50	3	-1.279E+02	-5.840E+02	1.957E+01	0.000E+00	-6.752E+02	-1.007E+04	-1.254E-05	-1.085E-07
213	3	34.50	4	-1.279E+02	-5.840E+02	1.891E+01	0.000E+00	-6.524E+02	-1.007E+04	-1.254E-05	-1.049E-07
213	3	34.50	5	-1.386E+02	-5.840E+02	-1.891E+01	0.000E+00	6.524E+02	-1.007E+04	-1.254E-05	1.049E-07
213	3	34.50	6	-1.386E+02	-5.840E+02	-1.957E+01	0.000E+00	6.752E+02	-1.007E+04	-1.254E-05	1.085E-07
213	3	34.50	7	-1.386E+02	-5.840E+02	1.957E+01	0.000E+00	-6.752E+02	-1.007E+04	-1.254E-05	-1.085E-07
213	3	34.50	8	-1.386E+02	-5.840E+02	1.891E+01	0.000E+00	-6.524E+02	-1.007E+04	-1.254E-05	-1.049E-07
213	3	34.50	9	1.386E+02	-5.840E+02	-1.891E+01	0.000E+00	6.524E+02	-1.007E+04	-1.254E-05	1.049E-07
213	3	34.50	10	1.386E+02	-5.840E+02	-1.957E+01	0.000E+00	6.752E+02	-1.007E+04	-1.254E-05	1.085E-07
213	3	34.50	11	1.386E+02	-5.840E+02	1.957E+01	0.000E+00	-6.752E+02	-1.007E+04	-1.254E-05	-1.085E-07
213	3	34.50	12	1.386E+02	-5.840E+02	1.891E+01	0.000E+00	-6.524E+02	-1.007E+04	-1.254E-05	-1.049E-07
213	3	34.50	13	1.279E+02	-5.840E+02	-1.891E+01	0.000E+00	6.524E+02	-1.007E+04	-1.254E-05	1.049E-07
213	3	34.50	14	1.279E+02	-5.840E+02	-1.957E+01	0.000E+00	6.752E+02	-1.007E+04	-1.254E-05	1.085E-07
213	3	34.50	15	1.279E+02	-5.840E+02	1.957E+01	0.000E+00	-6.752E+02	-1.007E+04	-1.254E-05	-1.085E-07
213	3	34.50	16	1.279E+02	-5.840E+02	1.891E+01	0.000E+00	-6.524E+02	-1.007E+04	-1.254E-05	-1.049E-07
213	4	51.75	1	-1.279E+02	-8.760E+02	-1.891E+01	0.000E+00	9.786E+02	-2.267E+04	-9.208E-06	9.176E-08
213	4	51.75	2	-1.279E+02	-8.760E+02	-1.957E+01	0.000E+00	1.013E+03	-2.267E+04	-9.208E-06	9.497E-08
213	4	51.75	3	-1.279E+02	-8.760E+02	1.957E+01	0.000E+00	-1.013E+03	-2.267E+04	-9.208E-06	-9.497E-08
213	4	51.75	4	-1.279E+02	-8.760E+02	1.891E+01	0.000E+00	-9.786E+02	-2.267E+04	-9.208E-06	-9.176E-08
213	4	51.75	5	-1.386E+02	-8.760E+02	-1.891E+01	0.000E+00	9.786E+02	-2.267E+04	-9.208E-06	9.176E-08
213	4	51.75	6	-1.386E+02	-8.760E+02	-1.957E+01	0.000E+00	1.013E+03	-2.267E+04	-9.208E-06	9.497E-08
213	4	51.75	7	-1.386E+02	-8.760E+02	1.957E+01	0.000E+00	-1.013E+03	-2.267E+04	-9.208E-06	-9.497E-08
213	4	51.75	8	-1.386E+02	-8.760E+02	1.891E+01	0.000E+00	-9.786E+02	-2.267E+04	-9.208E-06	-9.176E-08
213	4	51.75	9	1.386E+02	-8.760E+02	-1.891E+01	0.000E+00	9.786E+02	-2.267E+04	-9.208E-06	9.176E-08
213	4	51.75	10	1.386E+02	-8.760E+02	-1.957E+01	0.000E+00	1.013E+03	-2.267E+04	-9.208E-06	9.497E-08
213	4	51.75	11	1.386E+02	-8.760E+02	1.957E+01	0.000E+00	-1.013E+03	-2.267E+04	-9.208E-06	-9.497E-08
213	4	51.75	12	1.386E+02	-8.760E+02	1.891E+01	0.000E+00	-9.786E+02	-2.267E+04	-9.208E-06	-9.176E-08
213	4	51.75	13	1.279E+02	-8.760E+02	-1.891E+01	0.000E+00	9.786E+02	-2.267E+04	-9.208E-06	9.176E-08
213	4	51.75	14	1.279E+02	-8.760E+02	-1.957E+01	0.000E+00	1.013E+03	-2.267E+04	-9.208E-06	9.497E-08
213	4	51.75	15	1.279E+02	-8.760E+02	1.957E+01	0.000E+00	-1.013E+03	-2.267E+04	-9.208E-06	-9.497E-08
213	4	51.75	16	1.279E+02	-8.760E+02	1.891E+01	0.000E+00	-9.786E+02	-2.267E+04	-9.208E-06	-9.176E-08
213	5	69.00	1	-1.279E+02	-1.168E+03	-1.891E+01	0.000E+00	1.305E+03	-4.030E+04	7.460E-15	7.670E-15
213	5	69.00	2	-1.279E+02	-1.168E+03	-1.957E+01	0.000E+00	1.350E+03	-4.030E+04	7.460E-15	7.846E-15
213	5	69.00	3	-1.279E+02	-1.168E+03	1.957E+01	0.000E+00	-1.350E+03	-4.030E+04	7.460E-15	-7.846E-15
213	5	69.00	4	-1.279E+02	-1.168E+03	1.891E+01	0.000E+00	-1.305E+03	-4.030E+04	7.460E-15	-7.670E-15
213	5	69.00	5	-1.386E+02	-1.168E+03	-1.891E+01	0.000E+00	1.305E+03	-4.030E+04	7.460E-15	7.670E-15
213	5	69.00	6	-1.386E+02	-1.168E+03	-1.957E+01	0.000E+00	1.350E+03	-4.030E+04	7.460E-15	7.846E-15
213	5	69.00	7	-1.386E+02	-1.168E+03	1.957E+01	0.000E+00	-1.350E+03	-4.030E+04	7.460E-15	-7.846E-15
213	5	69.00	8	-1.386E+02	-1.168E+03	1.891E+01	0.000E+00	-1.305E+03	-4.030E+04	7.460E-15	-7.670E-15
213	5	69.00	9	1.386E+02	-1.168E+03	-1.891E+01	0.000E+00	1.305E+03	-4.030E+04	7.460E-15	7.670E-15
213	5	69.00	10	1.386E+02	-1.168E+03	-1.957E+01	0.000E+00	1.350E+03	-4.030E+04	7.460E-15	7.846E-15
213	5	69.00	11	1.386E+02	-1.168E+03	1.957E+01	0.000E+00	-1.350E+03	-4.030E+04	7.460E-15	-7.846E-15
213	5	69.00	12	1.386E+02	-1.168E+03	1.891E+01	0.000E+00	-1.305E+03	-4.030E+04	7.460E-15	-7.670E-15
213	5	69.00	13	1.279E+02	-1.168E+03	-1.891E+01	0.000E+00	1.305E+03	-4.030E+04	7.460E-15	7.670E-15
213	5	69.00	14	1.279E+02	-1.168E+03	-1.957E+01	0.000E+00	1.350E+03	-4.030E+04	7.460E-15	7.846E-15
213	5	69.00	15	1.279E+02	-1.168E+03	1.957E+01	0.000E+00	-1.350E+03	-4.030E+04	7.460E-15	-7.846E-15

213	5	69.00	16	1.279E+02	-1.168E+03	1.891E+01	0.000E+00	-1.305E+03	-4.030E+04	7.460E-15	-7.670E-15
214	1	0.00	1	-1.386E+02	-7.612E-11	-1.891E+01	0.000E+00	-1.298E-08	2.212E-08	0.000E+00	0.000E+00
214	1	0.00	2	-1.386E+02	-7.733E-11	-1.957E+01	0.000E+00	-1.328E-08	2.207E-08	0.000E+00	0.000E+00
214	1	0.00	3	-1.386E+02	9.681E-11	1.957E+01	0.000E+00	1.307E-08	1.278E-08	0.000E+00	0.000E+00
214	1	0.00	4	-1.386E+02	9.560E-11	1.891E+01	0.000E+00	1.277E-08	1.273E-08	0.000E+00	0.000E+00
214	1	0.00	5	-1.279E+02	-7.615E-11	-1.891E+01	0.000E+00	-1.311E-08	2.212E-08	0.000E+00	0.000E+00
214	1	0.00	6	-1.279E+02	-7.736E-11	-1.957E+01	0.000E+00	-1.341E-08	2.207E-08	0.000E+00	0.000E+00
214	1	0.00	7	-1.279E+02	9.678E-11	1.957E+01	0.000E+00	1.294E-08	1.278E-08	0.000E+00	0.000E+00
214	1	0.00	8	-1.279E+02	9.557E-11	1.891E+01	0.000E+00	1.264E-08	1.273E-08	0.000E+00	0.000E+00
214	1	0.00	9	1.279E+02	-1.927E-10	-1.891E+01	0.000E+00	-1.300E-08	4.533E-08	0.000E+00	0.000E+00
214	1	0.00	10	1.279E+02	-1.939E-10	-1.957E+01	0.000E+00	-1.331E-08	4.528E-08	0.000E+00	0.000E+00
214	1	0.00	11	1.279E+02	-1.975E-11	1.957E+01	0.000E+00	1.305E-08	3.599E-08	0.000E+00	0.000E+00
214	1	0.00	12	1.279E+02	-2.096E-11	1.891E+01	0.000E+00	1.274E-08	3.594E-08	0.000E+00	0.000E+00
214	1	0.00	13	1.386E+02	-1.927E-10	-1.891E+01	0.000E+00	-1.313E-08	4.533E-08	0.000E+00	0.000E+00
214	1	0.00	14	1.386E+02	-1.939E-10	-1.957E+01	0.000E+00	-1.344E-08	4.528E-08	0.000E+00	0.000E+00
214	1	0.00	15	1.386E+02	-1.978E-11	1.957E+01	0.000E+00	1.292E-08	3.599E-08	0.000E+00	0.000E+00
214	1	0.00	16	1.386E+02	-2.099E-11	1.891E+01	0.000E+00	1.261E-08	3.594E-08	0.000E+00	0.000E+00
214	2	17.25	1	-1.386E+02	-2.920E+02	-1.891E+01	0.000E+00	3.262E+02	-2.518E+03	-9.561E-06	6.555E-08
214	2	17.25	2	-1.386E+02	-2.920E+02	-1.957E+01	0.000E+00	3.376E+02	-2.518E+03	-9.561E-06	6.783E-08
214	2	17.25	3	-1.386E+02	-2.920E+02	1.957E+01	0.000E+00	-3.376E+02	-2.518E+03	-9.561E-06	-6.783E-08
214	2	17.25	4	-1.386E+02	-2.920E+02	1.891E+01	0.000E+00	-3.262E+02	-2.518E+03	-9.561E-06	-6.555E-08
214	2	17.25	5	-1.279E+02	-2.920E+02	-1.891E+01	0.000E+00	3.262E+02	-2.518E+03	-9.561E-06	6.555E-08
214	2	17.25	6	-1.279E+02	-2.920E+02	-1.957E+01	0.000E+00	3.376E+02	-2.518E+03	-9.561E-06	6.783E-08
214	2	17.25	7	-1.279E+02	-2.920E+02	1.957E+01	0.000E+00	-3.376E+02	-2.518E+03	-9.561E-06	-6.783E-08
214	2	17.25	8	-1.279E+02	-2.920E+02	1.891E+01	0.000E+00	-3.262E+02	-2.518E+03	-9.561E-06	-6.555E-08
214	2	17.25	9	1.279E+02	-2.920E+02	-1.891E+01	0.000E+00	3.262E+02	-2.518E+03	-9.561E-06	6.555E-08
214	2	17.25	10	1.279E+02	-2.920E+02	-1.957E+01	0.000E+00	3.376E+02	-2.518E+03	-9.561E-06	6.783E-08
214	2	17.25	11	1.279E+02	-2.920E+02	1.957E+01	0.000E+00	-3.376E+02	-2.518E+03	-9.561E-06	-6.783E-08
214	2	17.25	12	1.279E+02	-2.920E+02	1.891E+01	0.000E+00	-3.262E+02	-2.518E+03	-9.561E-06	-6.555E-08
214	2	17.25	13	1.386E+02	-2.920E+02	-1.891E+01	0.000E+00	3.262E+02	-2.518E+03	-9.561E-06	6.555E-08
214	2	17.25	14	1.386E+02	-2.920E+02	-1.957E+01	0.000E+00	3.376E+02	-2.518E+03	-9.561E-06	6.783E-08
214	2	17.25	15	1.386E+02	-2.920E+02	1.957E+01	0.000E+00	-3.376E+02	-2.518E+03	-9.561E-06	-6.783E-08
214	2	17.25	16	1.386E+02	-2.920E+02	1.891E+01	0.000E+00	-3.262E+02	-2.518E+03	-9.561E-06	-6.555E-08
214	3	34.50	1	-1.386E+02	-5.840E+02	-1.891E+01	0.000E+00	6.524E+02	-1.007E+04	-1.254E-05	1.049E-07
214	3	34.50	2	-1.386E+02	-5.840E+02	-1.957E+01	0.000E+00	6.752E+02	-1.007E+04	-1.254E-05	1.085E-07
214	3	34.50	3	-1.386E+02	-5.840E+02	1.957E+01	0.000E+00	-6.752E+02	-1.007E+04	-1.254E-05	-1.085E-07
214	3	34.50	4	-1.386E+02	-5.840E+02	1.891E+01	0.000E+00	-6.524E+02	-1.007E+04	-1.254E-05	-1.049E-07
214	3	34.50	5	-1.279E+02	-5.840E+02	-1.891E+01	0.000E+00	6.524E+02	-1.007E+04	-1.254E-05	1.049E-07
214	3	34.50	6	-1.279E+02	-5.840E+02	-1.957E+01	0.000E+00	6.752E+02	-1.007E+04	-1.254E-05	1.085E-07
214	3	34.50	7	-1.279E+02	-5.840E+02	1.957E+01	0.000E+00	-6.752E+02	-1.007E+04	-1.254E-05	-1.085E-07
214	3	34.50	8	-1.279E+02	-5.840E+02	1.891E+01	0.000E+00	-6.524E+02	-1.007E+04	-1.254E-05	-1.049E-07
214	3	34.50	9	1.279E+02	-5.840E+02	-1.891E+01	0.000E+00	6.524E+02	-1.007E+04	-1.254E-05	1.049E-07
214	3	34.50	10	1.279E+02	-5.840E+02	-1.957E+01	0.000E+00	6.752E+02	-1.007E+04	-1.254E-05	1.085E-07
214	3	34.50	11	1.279E+02	-5.840E+02	1.957E+01	0.000E+00	-6.752E+02	-1.007E+04	-1.254E-05	-1.085E-07
214	3	34.50	12	1.279E+02	-5.840E+02	1.891E+01	0.000E+00	-6.524E+02	-1.007E+04	-1.254E-05	-1.049E-07
214	3	34.50	13	1.386E+02	-5.840E+02	-1.891E+01	0.000E+00	6.524E+02	-1.007E+04	-1.254E-05	1.049E-07
214	3	34.50	14	1.386E+02	-5.840E+02	-1.957E+01	0.000E+00	6.752E+02	-1.007E+04	-1.254E-05	1.085E-07
214	3	34.50	15	1.386E+02	-5.840E+02	1.957E+01	0.000E+00	-6.752E+02	-1.007E+04	-1.254E-05	-1.085E-07
214	3	34.50	16	1.386E+02	-5.840E+02	1.891E+01	0.000E+00	-6.524E+02	-1.007E+04	-1.254E-05	-1.049E-07
214	4	51.75	1	-1.386E+02	-8.760E+02	-1.891E+01	0.000E+00	9.786E+02	-2.267E+04	-9.208E-06	9.176E-08
214	4	51.75	2	-1.386E+02	-8.760E+02	-1.957E+01	0.000E+00	1.013E+03	-2.267E+04	-9.208E-06	9.497E-08
214	4	51.75	3	-1.386E+02	-8.760E+02	1.957E+01	0.000E+00	-1.013E+03	-2.267E+04	-9.208E-06	-9.497E-08
214	4	51.75	4	-1.386E+02	-8.760E+02	1.891E+01	0.000E+00	-9.786E+02	-2.267E+04	-9.208E-06	-9.176E-08
214	4	51.75	5	-1.279E+02	-8.760E+02	-1.891E+01	0.000E+00	9.786E+02	-2.267E+04	-9.208E-06	9.176E-08
214	4	51.75	6	-1.279E+02	-8.760E+02	-1.957E+01	0.000E+00	1.013E+03	-2.267E+04	-9.208E-06	9.497E-08
214	4	51.75	7	-1.279E+02	-8.760E+02	1.957E+01	0.000E+00	-1.013E+03	-2.267E+04	-9.208E-06	-9.497E-08
214	4	51.75	8	-1.279E+02	-8.760E+02	1.891E+01	0.000E+00	-9.786E+02	-2.267E+04	-9.208E-06	-9.176E-08
214	4	51.75	9	1.279E+02	-8.760E+02	-1.891E+01	0.000E+00	9.786E+02	-2.267E+04	-9.208E-06	9.176E-08
214	4	51.75	10	1.279E+02	-8.760E+02	-1.957E+01	0.000E+00	1.013E+03	-2.267E+04	-9.208E-06	9.497E-08
214	4	51.75	11	1.279E+02	-8.760E+02	1.957E+01	0.000E+00	-1.013E+03	-2.267E+04	-9.208E-06	-9.497E-08
214	4	51.75	12	1.279E+02	-8.760E+02	1.891E+01	0.000E+00	-9.786E+02	-2.267E+04	-9.208E-06	-9.176E-08
214	4	51.75	13	1.386E+02	-8.760E+02	-1.891E+01	0.000E+00	9.786E+02	-2.267E+04	-9.208E-06	9.176E-08

214	4	51.75	14	1.386E+02	-8.760E+02	-1.957E+01	0.000E+00	1.013E+03	-2.267E+04	-9.208E-06	9.497E-08
214	4	51.75	15	1.386E+02	-8.760E+02	1.957E+01	0.000E+00	-1.013E+03	-2.267E+04	-9.208E-06	-9.497E-08
214	4	51.75	16	1.386E+02	-8.760E+02	1.891E+01	0.000E+00	-9.786E+02	-2.267E+04	-9.208E-06	-9.176E-08
214	5	69.00	1	-1.386E+02	-1.168E+03	-1.891E+01	0.000E+00	1.305E+03	-4.030E+04	7.463E-15	7.672E-15
214	5	69.00	2	-1.386E+02	-1.168E+03	-1.957E+01	0.000E+00	1.350E+03	-4.030E+04	7.463E-15	7.847E-15
214	5	69.00	3	-1.386E+02	-1.168E+03	1.957E+01	0.000E+00	-1.350E+03	-4.030E+04	7.463E-15	-7.847E-15
214	5	69.00	4	-1.386E+02	-1.168E+03	1.891E+01	0.000E+00	-1.305E+03	-4.030E+04	7.463E-15	-7.672E-15
214	5	69.00	5	-1.279E+02	-1.168E+03	-1.891E+01	0.000E+00	1.305E+03	-4.030E+04	7.463E-15	7.672E-15
214	5	69.00	6	-1.279E+02	-1.168E+03	-1.957E+01	0.000E+00	1.350E+03	-4.030E+04	7.463E-15	7.847E-15
214	5	69.00	7	-1.279E+02	-1.168E+03	1.957E+01	0.000E+00	-1.350E+03	-4.030E+04	7.463E-15	-7.847E-15
214	5	69.00	8	-1.279E+02	-1.168E+03	1.891E+01	0.000E+00	-1.305E+03	-4.030E+04	7.463E-15	-7.672E-15
214	5	69.00	9	1.279E+02	-1.168E+03	-1.891E+01	0.000E+00	1.305E+03	-4.030E+04	7.463E-15	7.672E-15
214	5	69.00	10	1.279E+02	-1.168E+03	-1.957E+01	0.000E+00	1.350E+03	-4.030E+04	7.463E-15	7.847E-15
214	5	69.00	11	1.279E+02	-1.168E+03	1.957E+01	0.000E+00	-1.350E+03	-4.030E+04	7.463E-15	-7.847E-15
214	5	69.00	12	1.279E+02	-1.168E+03	1.891E+01	0.000E+00	-1.305E+03	-4.030E+04	7.463E-15	-7.672E-15
214	5	69.00	13	1.386E+02	-1.168E+03	-1.891E+01	0.000E+00	1.305E+03	-4.030E+04	7.463E-15	7.672E-15
214	5	69.00	14	1.386E+02	-1.168E+03	-1.957E+01	0.000E+00	1.350E+03	-4.030E+04	7.463E-15	7.847E-15
214	5	69.00	15	1.386E+02	-1.168E+03	1.957E+01	0.000E+00	-1.350E+03	-4.030E+04	7.463E-15	-7.847E-15
214	5	69.00	16	1.386E+02	-1.168E+03	1.891E+01	0.000E+00	-1.305E+03	-4.030E+04	7.463E-15	-7.672E-15
215	1	0.00	1	1.717E+04	4.316E+04	2.686E+03	9.694E-02	3.032E+05	-5.288E+04	0.000E+00	0.000E+00
215	1	0.00	2	1.718E+04	4.316E+04	2.721E+03	9.618E-02	3.085E+05	-5.345E+04	0.000E+00	0.000E+00
215	1	0.00	3	1.506E+04	4.312E+04	-9.340E+02	1.314E-01	-2.287E+05	-2.713E+04	0.000E+00	0.000E+00
215	1	0.00	4	1.506E+04	4.312E+04	-8.996E+02	1.306E-01	-2.234E+05	-2.770E+04	0.000E+00	0.000E+00
215	1	0.00	5	1.757E+04	4.316E+04	2.582E+03	9.693E-02	2.364E+05	-5.289E+04	0.000E+00	0.000E+00
215	1	0.00	6	1.757E+04	4.316E+04	2.616E+03	9.617E-02	2.417E+05	-5.347E+04	0.000E+00	0.000E+00
215	1	0.00	7	1.546E+04	4.312E+04	-1.038E+03	1.314E-01	-2.955E+05	-2.714E+04	0.000E+00	0.000E+00
215	1	0.00	8	1.546E+04	4.312E+04	-1.004E+03	1.306E-01	-2.902E+05	-2.771E+04	0.000E+00	0.000E+00
215	1	0.00	9	-2.121E+04	4.313E+04	2.881E+03	9.695E-02	3.047E+05	-5.288E+04	0.000E+00	0.000E+00
215	1	0.00	10	-2.120E+04	4.314E+04	2.916E+03	9.618E-02	3.100E+05	-5.345E+04	0.000E+00	0.000E+00
215	1	0.00	11	-2.332E+04	4.309E+04	-7.388E+02	1.314E-01	-2.271E+05	-2.713E+04	0.000E+00	0.000E+00
215	1	0.00	12	-2.332E+04	4.309E+04	-7.044E+02	1.306E-01	-2.218E+05	-2.770E+04	0.000E+00	0.000E+00
215	1	0.00	13	-2.081E+04	4.314E+04	2.777E+03	9.694E-02	2.379E+05	-5.289E+04	0.000E+00	0.000E+00
215	1	0.00	14	-2.081E+04	4.314E+04	2.812E+03	9.617E-02	2.432E+05	-5.347E+04	0.000E+00	0.000E+00
215	1	0.00	15	-2.292E+04	4.309E+04	-8.431E+02	1.314E-01	-2.940E+05	-2.714E+04	0.000E+00	0.000E+00
215	1	0.00	16	-2.292E+04	4.309E+04	-8.087E+02	1.306E-01	-2.887E+05	-2.771E+04	0.000E+00	0.000E+00
215	2	45.25	1	1.717E+04	4.239E+04	2.686E+03	9.694E-02	1.862E+05	1.883E+06	-1.204E-03	9.222E-05
215	2	45.25	2	1.718E+04	4.239E+04	2.721E+03	9.618E-02	1.900E+05	1.882E+06	-1.203E-03	9.448E-05
215	2	45.25	3	1.506E+04	4.235E+04	-9.340E+02	1.314E-01	-1.910E+05	1.907E+06	-1.212E-03	-1.400E-04
215	2	45.25	4	1.507E+04	4.235E+04	-8.996E+02	1.306E-01	-1.872E+05	1.906E+06	-1.212E-03	-1.378E-04
215	2	45.25	5	1.757E+04	4.239E+04	2.582E+03	9.693E-02	1.241E+05	1.883E+06	-1.204E-03	4.331E-05
215	2	45.25	6	1.757E+04	4.239E+04	2.616E+03	9.617E-02	1.279E+05	1.882E+06	-1.203E-03	4.556E-05
215	2	45.25	7	1.546E+04	4.235E+04	-1.038E+03	1.314E-01	-2.531E+05	1.907E+06	-1.212E-03	-1.889E-04
215	2	45.25	8	1.546E+04	4.235E+04	-1.004E+03	1.306E-01	-2.493E+05	1.906E+06	-1.212E-03	-1.867E-04
215	2	45.25	9	-2.121E+04	4.237E+04	2.881E+03	9.695E-02	1.789E+05	1.882E+06	-1.203E-03	8.127E-05
215	2	45.25	10	-2.120E+04	4.237E+04	2.916E+03	9.618E-02	1.827E+05	1.881E+06	-1.203E-03	8.353E-05
215	2	45.25	11	-2.332E+04	4.233E+04	-7.388E+02	1.314E-01	-1.983E+05	1.905E+06	-1.211E-03	-1.510E-04
215	2	45.25	12	-2.331E+04	4.233E+04	-7.044E+02	1.306E-01	-1.945E+05	1.905E+06	-1.211E-03	-1.487E-04
215	2	45.25	13	-2.081E+04	4.237E+04	2.777E+03	9.694E-02	1.168E+05	1.882E+06	-1.203E-03	3.236E-05
215	2	45.25	14	-2.081E+04	4.237E+04	2.812E+03	9.617E-02	1.206E+05	1.881E+06	-1.203E-03	3.461E-05
215	2	45.25	15	-2.292E+04	4.233E+04	-8.431E+02	1.314E-01	-2.604E+05	1.906E+06	-1.211E-03	-1.999E-04
215	2	45.25	16	-2.292E+04	4.233E+04	-8.087E+02	1.306E-01	-2.566E+05	1.905E+06	-1.211E-03	-1.976E-04
215	3	90.50	1	1.718E+04	4.163E+04	2.686E+03	9.694E-02	7.562E+04	3.784E+06	-1.909E-03	8.364E-05
215	3	90.50	2	1.718E+04	4.163E+04	2.721E+03	9.618E-02	7.782E+04	3.783E+06	-1.908E-03	8.608E-05
215	3	90.50	3	1.506E+04	4.158E+04	-9.340E+02	1.314E-01	-1.597E+05	3.806E+06	-1.919E-03	-1.766E-04
215	3	90.50	4	1.507E+04	4.158E+04	-8.996E+02	1.306E-01	-1.575E+05	3.805E+06	-1.919E-03	-1.742E-04
215	3	90.50	5	1.757E+04	4.163E+04	2.582E+03	9.693E-02	1.823E+04	3.784E+06	-1.909E-03	2.017E-05
215	3	90.50	6	1.757E+04	4.163E+04	2.616E+03	9.617E-02	2.043E+04	3.783E+06	-1.908E-03	2.260E-05
215	3	90.50	7	1.546E+04	4.158E+04	-1.038E+03	1.314E-01	-2.171E+05	3.806E+06	-1.919E-03	-2.401E-04
215	3	90.50	8	1.546E+04	4.159E+04	-1.004E+03	1.306E-01	-2.149E+05	3.805E+06	-1.919E-03	-2.377E-04
215	3	90.50	9	-2.120E+04	4.160E+04	2.881E+03	9.695E-02	5.947E+04	3.781E+06	-1.908E-03	6.579E-05
215	3	90.50	10	-2.120E+04	4.160E+04	2.916E+03	9.618E-02	6.167E+04	3.781E+06	-1.907E-03	6.822E-05
215	3	90.50	11	-2.332E+04	4.156E+04	-7.388E+02	1.314E-01	-1.758E+05	3.803E+06	-1.918E-03	-1.945E-04

215	3	90.50	12	-2.331E+04	4.156E+04	-7.044E+02	1.306E-01	-1.736E+05	3.803E+06	-1.918E-03	-1.920E-04
215	3	90.50	13	-2.081E+04	4.160E+04	2.777E+03	9.694E-02	2.088E+03	3.782E+06	-1.908E-03	2.310E-06
215	3	90.50	14	-2.081E+04	4.160E+04	2.812E+03	9.617E-02	4.289E+03	3.781E+06	-1.907E-03	4.744E-06
215	3	90.50	15	-2.292E+04	4.156E+04	-8.431E+02	1.314E-01	-2.332E+05	3.803E+06	-1.918E-03	-2.580E-04
215	3	90.50	16	-2.292E+04	4.156E+04	-8.087E+02	1.306E-01	-2.310E+05	3.803E+06	-1.918E-03	-2.555E-04
215	4	135.75	1	1.718E+04	4.086E+04	2.686E+03	9.694E-02	-1.560E+05	5.650E+06	-1.657E-03	3.537E-05
215	4	135.75	2	1.718E+04	4.086E+04	2.721E+03	9.618E-02	-1.554E+05	5.649E+06	-1.657E-03	3.676E-05
215	4	135.75	3	1.507E+04	4.082E+04	-9.340E+02	1.314E-01	-7.320E+03	5.670E+06	-1.665E-03	-1.270E-04
215	4	135.75	4	1.507E+04	4.082E+04	-8.996E+02	1.306E-01	-6.676E+03	5.669E+06	-1.665E-03	-1.256E-04
215	4	135.75	5	1.757E+04	4.086E+04	2.582E+03	9.693E-02	-2.087E+05	5.650E+06	-1.657E-03	-1.094E-05
215	4	135.75	6	1.757E+04	4.086E+04	2.616E+03	9.617E-02	-2.080E+05	5.649E+06	-1.657E-03	-9.542E-06
215	4	135.75	7	1.546E+04	4.082E+04	-1.038E+03	1.314E-01	-5.999E+04	5.670E+06	-1.665E-03	-1.733E-04
215	4	135.75	8	1.546E+04	4.082E+04	-1.004E+03	1.306E-01	-5.934E+04	5.670E+06	-1.665E-03	-1.719E-04
215	4	135.75	9	-2.120E+04	4.084E+04	2.881E+03	9.695E-02	-1.810E+05	5.647E+06	-1.656E-03	1.953E-05
215	4	135.75	10	-2.120E+04	4.084E+04	2.916E+03	9.618E-02	-1.804E+05	5.646E+06	-1.656E-03	2.093E-05
215	4	135.75	11	-2.332E+04	4.079E+04	-7.388E+02	1.314E-01	-3.230E+04	5.667E+06	-1.664E-03	-1.429E-04
215	4	135.75	12	-2.331E+04	4.080E+04	-7.044E+02	1.306E-01	-3.165E+04	5.666E+06	-1.664E-03	-1.415E-04
215	4	135.75	13	-2.081E+04	4.084E+04	2.777E+03	9.694E-02	-2.337E+05	5.647E+06	-1.656E-03	-2.677E-05
215	4	135.75	14	-2.081E+04	4.084E+04	2.812E+03	9.617E-02	-2.330E+05	5.646E+06	-1.656E-03	-2.538E-05
215	4	135.75	15	-2.292E+04	4.080E+04	-8.431E+02	1.314E-01	-8.496E+04	5.667E+06	-1.664E-03	-1.892E-04
215	4	135.75	16	-2.292E+04	4.080E+04	-8.087E+02	1.306E-01	-8.432E+04	5.666E+06	-1.664E-03	-1.878E-04
215	5	181.00	1	1.718E+04	4.009E+04	2.686E+03	9.694E-02	-2.244E+05	7.481E+06	-2.178E-11	2.778E-11
215	5	181.00	2	1.718E+04	4.009E+04	2.721E+03	9.618E-02	-2.253E+05	7.481E+06	-2.178E-11	2.635E-11
215	5	181.00	3	1.507E+04	4.005E+04	-9.340E+02	1.314E-01	-1.820E+04	7.500E+06	-1.986E-11	-3.659E-11
215	5	181.00	4	1.507E+04	4.005E+04	-8.996E+02	1.306E-01	-1.911E+04	7.499E+06	-1.986E-11	-3.803E-11
215	5	181.00	5	1.757E+04	4.009E+04	2.582E+03	9.693E-02	-2.724E+05	7.482E+06	-2.178E-11	3.959E-11
215	5	181.00	6	1.757E+04	4.010E+04	2.616E+03	9.617E-02	-2.733E+05	7.481E+06	-2.178E-11	3.815E-11
215	5	181.00	7	1.546E+04	4.005E+04	-1.038E+03	1.314E-01	-6.615E+04	7.500E+06	-1.986E-11	-2.479E-11
215	5	181.00	8	1.546E+04	4.005E+04	-1.004E+03	1.306E-01	-6.706E+04	7.499E+06	-1.986E-11	-2.623E-11
215	5	181.00	9	-2.120E+04	4.007E+04	2.881E+03	9.695E-02	-2.582E+05	7.477E+06	-2.183E-11	3.001E-11
215	5	181.00	10	-2.120E+04	4.007E+04	2.916E+03	9.618E-02	-2.592E+05	7.477E+06	-2.183E-11	2.857E-11
215	5	181.00	11	-2.331E+04	4.003E+04	-7.388E+02	1.314E-01	-5.200E+04	7.495E+06	-1.991E-11	-3.436E-11
215	5	181.00	12	-2.331E+04	4.003E+04	-7.044E+02	1.306E-01	-5.291E+04	7.495E+06	-1.991E-11	-3.580E-11
215	5	181.00	13	-2.081E+04	4.007E+04	2.777E+03	9.694E-02	-3.062E+05	7.477E+06	-2.183E-11	4.182E-11
215	5	181.00	14	-2.081E+04	4.007E+04	2.812E+03	9.617E-02	-3.071E+05	7.477E+06	-2.182E-11	4.038E-11
215	5	181.00	15	-2.292E+04	4.003E+04	-8.431E+02	1.314E-01	-9.995E+04	7.496E+06	-1.990E-11	-2.256E-11
215	5	181.00	16	-2.292E+04	4.003E+04	-8.087E+02	1.306E-01	-1.009E+05	7.495E+06	-1.990E-11	-2.400E-11
216	1	0.00	1	1.546E+04	4.312E+04	1.004E+03	-1.306E-01	2.902E+05	-2.771E+04	0.000E+00	0.000E+00
216	1	0.00	2	1.546E+04	4.312E+04	1.038E+03	-1.314E-01	2.955E+05	-2.714E+04	0.000E+00	0.000E+00
216	1	0.00	3	1.757E+04	4.316E+04	-2.616E+03	-9.617E-02	-2.417E+05	-5.347E+04	0.000E+00	0.000E+00
216	1	0.00	4	1.757E+04	4.316E+04	-2.582E+03	-9.693E-02	-2.364E+05	-5.289E+04	0.000E+00	0.000E+00
216	1	0.00	5	1.506E+04	4.312E+04	8.996E+02	-1.306E-01	2.234E+05	-2.770E+04	0.000E+00	0.000E+00
216	1	0.00	6	1.506E+04	4.312E+04	9.340E+02	-1.314E-01	2.287E+05	-2.713E+04	0.000E+00	0.000E+00
216	1	0.00	7	1.718E+04	4.316E+04	-2.721E+03	-9.618E-02	-3.085E+05	-5.345E+04	0.000E+00	0.000E+00
216	1	0.00	8	1.717E+04	4.316E+04	-2.686E+03	-9.694E-02	-3.032E+05	-5.288E+04	0.000E+00	0.000E+00
216	1	0.00	9	-2.292E+04	4.309E+04	8.087E+02	-1.306E-01	2.887E+05	-2.771E+04	0.000E+00	0.000E+00
216	1	0.00	10	-2.292E+04	4.309E+04	8.431E+02	-1.314E-01	2.940E+05	-2.714E+04	0.000E+00	0.000E+00
216	1	0.00	11	-2.081E+04	4.314E+04	-2.812E+03	-9.617E-02	-2.432E+05	-5.347E+04	0.000E+00	0.000E+00
216	1	0.00	12	-2.081E+04	4.314E+04	-2.777E+03	-9.694E-02	-2.379E+05	-5.289E+04	0.000E+00	0.000E+00
216	1	0.00	13	-2.332E+04	4.309E+04	7.044E+02	-1.306E-01	2.218E+05	-2.770E+04	0.000E+00	0.000E+00
216	1	0.00	14	-2.332E+04	4.309E+04	7.388E+02	-1.314E-01	2.271E+05	-2.713E+04	0.000E+00	0.000E+00
216	1	0.00	15	-2.120E+04	4.314E+04	-2.916E+03	-9.618E-02	-3.100E+05	-5.345E+04	0.000E+00	0.000E+00
216	1	0.00	16	-2.121E+04	4.313E+04	-2.881E+03	-9.695E-02	-3.047E+05	-5.288E+04	0.000E+00	0.000E+00
216	2	45.25	1	1.546E+04	4.235E+04	1.004E+03	-1.306E-01	2.493E+05	1.906E+06	-1.212E-03	1.867E-04
216	2	45.25	2	1.546E+04	4.235E+04	1.038E+03	-1.314E-01	2.531E+05	1.907E+06	-1.212E-03	1.889E-04
216	2	45.25	3	1.757E+04	4.239E+04	-2.616E+03	-9.617E-02	-1.279E+05	1.882E+06	-1.203E-03	-4.556E-05
216	2	45.25	4	1.757E+04	4.239E+04	-2.582E+03	-9.693E-02	-1.241E+05	1.883E+06	-1.204E-03	-4.331E-05
216	2	45.25	5	1.507E+04	4.235E+04	8.996E+02	-1.306E-01	1.872E+05	1.906E+06	-1.212E-03	1.378E-04
216	2	45.25	6	1.506E+04	4.235E+04	9.340E+02	-1.314E-01	1.910E+05	1.907E+06	-1.212E-03	1.400E-04
216	2	45.25	7	1.718E+04	4.239E+04	-2.721E+03	-9.618E-02	-1.900E+05	1.882E+06	-1.203E-03	-9.448E-05
216	2	45.25	8	1.717E+04	4.239E+04	-2.686E+03	-9.694E-02	-1.862E+05	1.883E+06	-1.204E-03	-9.222E-05
216	2	45.25	9	-2.292E+04	4.233E+04	8.087E+02	-1.306E-01	2.566E+05	1.905E+06	-1.211E-03	1.976E-04

216	2	45.25	10	-2.292E+04	4.233E+04	8.431E+02	-1.314E-01	2.604E+05	1.906E+06	-1.211E-03	1.999E-04
216	2	45.25	11	-2.081E+04	4.237E+04	-2.812E+03	-9.617E-02	-1.206E+05	1.881E+06	-1.203E-03	-3.461E-05
216	2	45.25	12	-2.081E+04	4.237E+04	-2.777E+03	-9.694E-02	-1.168E+05	1.882E+06	-1.203E-03	-3.236E-05
216	2	45.25	13	-2.331E+04	4.233E+04	7.044E+02	-1.306E-01	1.945E+05	1.905E+06	-1.211E-03	1.487E-04
216	2	45.25	14	-2.332E+04	4.233E+04	7.388E+02	-1.314E-01	1.983E+05	1.905E+06	-1.211E-03	1.510E-04
216	2	45.25	15	-2.120E+04	4.237E+04	-2.916E+03	-9.618E-02	-1.827E+05	1.881E+06	-1.203E-03	-8.353E-05
216	2	45.25	16	-2.121E+04	4.237E+04	-2.881E+03	-9.695E-02	-1.789E+05	1.882E+06	-1.203E-03	-8.127E-05
216	3	90.50	1	1.546E+04	4.159E+04	1.004E+03	-1.306E-01	2.149E+05	3.805E+06	-1.919E-03	2.377E-04
216	3	90.50	2	1.546E+04	4.158E+04	1.038E+03	-1.314E-01	2.171E+05	3.806E+06	-1.919E-03	2.401E-04
216	3	90.50	3	1.757E+04	4.163E+04	-2.616E+03	-9.617E-02	-2.043E+04	3.783E+06	-1.908E-03	-2.260E-05
216	3	90.50	4	1.757E+04	4.163E+04	-2.582E+03	-9.693E-02	-1.823E+04	3.784E+06	-1.909E-03	-2.017E-05
216	3	90.50	5	1.507E+04	4.158E+04	8.996E+02	-1.306E-01	1.575E+05	3.805E+06	-1.919E-03	1.742E-04
216	3	90.50	6	1.506E+04	4.158E+04	9.340E+02	-1.314E-01	1.597E+05	3.806E+06	-1.919E-03	1.766E-04
216	3	90.50	7	1.718E+04	4.163E+04	-2.721E+03	-9.618E-02	-7.782E+04	3.783E+06	-1.908E-03	-8.608E-05
216	3	90.50	8	1.718E+04	4.163E+04	-2.686E+03	-9.694E-02	-7.562E+04	3.784E+06	-1.909E-03	-8.364E-05
216	3	90.50	9	-2.292E+04	4.156E+04	8.087E+02	-1.306E-01	2.310E+05	3.803E+06	-1.918E-03	2.555E-04
216	3	90.50	10	-2.292E+04	4.156E+04	8.431E+02	-1.314E-01	2.332E+05	3.803E+06	-1.918E-03	2.580E-04
216	3	90.50	11	-2.081E+04	4.160E+04	-2.812E+03	-9.617E-02	-4.289E+03	3.781E+06	-1.907E-03	-4.744E-06
216	3	90.50	12	-2.081E+04	4.160E+04	-2.777E+03	-9.694E-02	-2.088E+03	3.782E+06	-1.908E-03	-2.310E-06
216	3	90.50	13	-2.331E+04	4.156E+04	7.044E+02	-1.306E-01	1.736E+05	3.803E+06	-1.918E-03	1.920E-04
216	3	90.50	14	-2.332E+04	4.156E+04	7.388E+02	-1.314E-01	1.758E+05	3.803E+06	-1.918E-03	1.945E-04
216	3	90.50	15	-2.120E+04	4.160E+04	-2.916E+03	-9.618E-02	-6.167E+04	3.781E+06	-1.907E-03	-6.822E-05
216	3	90.50	16	-2.120E+04	4.160E+04	-2.881E+03	-9.695E-02	-5.947E+04	3.781E+06	-1.908E-03	-6.579E-05
216	4	135.75	1	1.546E+04	4.082E+04	1.004E+03	-1.306E-01	5.934E+04	5.670E+06	-1.665E-03	1.719E-04
216	4	135.75	2	1.546E+04	4.082E+04	1.038E+03	-1.314E-01	5.999E+04	5.670E+06	-1.665E-03	1.733E-04
216	4	135.75	3	1.757E+04	4.086E+04	-2.616E+03	-9.617E-02	2.080E+05	5.649E+06	-1.657E-03	9.542E-06
216	4	135.75	4	1.757E+04	4.086E+04	-2.582E+03	-9.693E-02	2.087E+05	5.650E+06	-1.657E-03	1.094E-05
216	4	135.75	5	1.507E+04	4.082E+04	8.996E+02	-1.306E-01	6.676E+03	5.669E+06	-1.665E-03	1.256E-04
216	4	135.75	6	1.507E+04	4.082E+04	9.340E+02	-1.314E-01	7.320E+03	5.670E+06	-1.665E-03	1.270E-04
216	4	135.75	7	1.718E+04	4.086E+04	-2.721E+03	-9.618E-02	1.554E+05	5.649E+06	-1.657E-03	-3.676E-05
216	4	135.75	8	1.718E+04	4.086E+04	-2.686E+03	-9.694E-02	1.560E+05	5.650E+06	-1.657E-03	-3.537E-05
216	4	135.75	9	-2.292E+04	4.080E+04	8.087E+02	-1.306E-01	8.432E+04	5.666E+06	-1.664E-03	1.878E-04
216	4	135.75	10	-2.292E+04	4.080E+04	8.431E+02	-1.314E-01	8.496E+04	5.667E+06	-1.664E-03	1.892E-04
216	4	135.75	11	-2.081E+04	4.084E+04	-2.812E+03	-9.617E-02	2.330E+05	5.646E+06	-1.656E-03	2.538E-05
216	4	135.75	12	-2.081E+04	4.084E+04	-2.777E+03	-9.694E-02	2.337E+05	5.647E+06	-1.656E-03	2.677E-05
216	4	135.75	13	-2.331E+04	4.080E+04	7.044E+02	-1.306E-01	3.165E+04	5.666E+06	-1.664E-03	1.415E-04
216	4	135.75	14	-2.332E+04	4.079E+04	7.388E+02	-1.314E-01	3.230E+04	5.667E+06	-1.664E-03	1.429E-04
216	4	135.75	15	-2.120E+04	4.084E+04	-2.916E+03	-9.618E-02	1.804E+05	5.646E+06	-1.656E-03	-2.093E-05
216	4	135.75	16	-2.120E+04	4.084E+04	-2.881E+03	-9.695E-02	1.810E+05	5.647E+06	-1.656E-03	-1.953E-05
216	5	181.00	1	1.546E+04	4.005E+04	1.004E+03	-1.306E-01	6.706E+04	7.499E+06	-1.986E-11	2.623E-11
216	5	181.00	2	1.546E+04	4.005E+04	1.038E+03	-1.314E-01	6.615E+04	7.500E+06	-1.986E-11	2.479E-11
216	5	181.00	3	1.757E+04	4.010E+04	-2.616E+03	-9.617E-02	2.733E+05	7.481E+06	-2.178E-11	-3.815E-11
216	5	181.00	4	1.757E+04	4.009E+04	-2.582E+03	-9.693E-02	2.724E+05	7.482E+06	-2.178E-11	-3.958E-11
216	5	181.00	5	1.507E+04	4.005E+04	8.996E+02	-1.306E-01	1.911E+04	7.499E+06	-1.986E-11	3.803E-11
216	5	181.00	6	1.507E+04	4.005E+04	9.340E+02	-1.314E-01	1.820E+04	7.500E+06	-1.986E-11	3.659E-11
216	5	181.00	7	1.718E+04	4.009E+04	-2.721E+03	-9.618E-02	2.253E+05	7.481E+06	-2.178E-11	-2.634E-11
216	5	181.00	8	1.718E+04	4.009E+04	-2.686E+03	-9.694E-02	2.244E+05	7.481E+06	-2.178E-11	-2.778E-11
216	5	181.00	9	-2.292E+04	4.003E+04	8.087E+02	-1.306E-01	1.009E+05	7.495E+06	-1.990E-11	2.401E-11
216	5	181.00	10	-2.292E+04	4.003E+04	8.431E+02	-1.314E-01	9.995E+04	7.496E+06	-1.990E-11	2.257E-11
216	5	181.00	11	-2.081E+04	4.007E+04	-2.812E+03	-9.617E-02	3.071E+05	7.477E+06	-2.182E-11	-4.037E-11
216	5	181.00	12	-2.081E+04	4.007E+04	-2.777E+03	-9.694E-02	3.062E+05	7.477E+06	-2.183E-11	-4.181E-11
216	5	181.00	13	-2.331E+04	4.003E+04	7.044E+02	-1.306E-01	5.291E+04	7.495E+06	-1.990E-11	3.581E-11
216	5	181.00	14	-2.331E+04	4.003E+04	7.388E+02	-1.314E-01	5.200E+04	7.495E+06	-1.991E-11	3.437E-11
216	5	181.00	15	-2.120E+04	4.007E+04	-2.916E+03	-9.618E-02	2.592E+05	7.477E+06	-2.183E-11	-2.857E-11
216	5	181.00	16	-2.120E+04	4.007E+04	-2.881E+03	-9.695E-02	2.582E+05	7.477E+06	-2.183E-11	-3.001E-11
217	1	0.00	1	1.425E+04	3.271E+04	1.065E+03	1.698E-03	-2.075E+05	7.477E+06	0.000E+00	0.000E+00
217	1	0.00	2	1.424E+04	3.271E+04	1.085E+03	9.173E-04	-2.068E+05	7.476E+06	0.000E+00	0.000E+00
217	1	0.00	3	1.208E+04	3.267E+04	-1.623E+03	3.684E-02	-1.311E+04	7.505E+06	0.000E+00	0.000E+00
217	1	0.00	4	1.207E+04	3.267E+04	-1.602E+03	3.606E-02	-1.242E+04	7.504E+06	0.000E+00	0.000E+00
217	1	0.00	5	1.454E+04	3.271E+04	9.604E+02	1.681E-03	-2.766E+05	7.477E+06	0.000E+00	0.000E+00
217	1	0.00	6	1.453E+04	3.271E+04	9.812E+02	9.008E-04	-2.759E+05	7.476E+06	0.000E+00	0.000E+00
217	1	0.00	7	1.237E+04	3.267E+04	-1.727E+03	3.682E-02	-8.221E+04	7.505E+06	0.000E+00	0.000E+00

217	1	0.00	8	1.236E+04	3.267E+04	-1.706E+03	3.604E-02	-8.152E+04	7.504E+06	0.000E+00	0.000E+00
217	1	0.00	9	-1.808E+04	3.270E+04	9.902E+02	1.698E-03	-2.410E+05	7.472E+06	0.000E+00	0.000E+00
217	1	0.00	10	-1.809E+04	3.270E+04	1.011E+03	9.170E-04	-2.403E+05	7.472E+06	0.000E+00	0.000E+00
217	1	0.00	11	-2.025E+04	3.266E+04	-1.697E+03	3.684E-02	-4.662E+04	7.500E+06	0.000E+00	0.000E+00
217	1	0.00	12	-2.026E+04	3.266E+04	-1.676E+03	3.605E-02	-4.593E+04	7.500E+06	0.000E+00	0.000E+00
217	1	0.00	13	-1.779E+04	3.270E+04	8.860E+02	1.681E-03	-3.101E+05	7.473E+06	0.000E+00	0.000E+00
217	1	0.00	14	-1.780E+04	3.270E+04	9.068E+02	9.005E-04	-3.094E+05	7.472E+06	0.000E+00	0.000E+00
217	1	0.00	15	-1.996E+04	3.266E+04	-1.801E+03	3.682E-02	-1.157E+05	7.501E+06	0.000E+00	0.000E+00
217	1	0.00	16	-1.997E+04	3.266E+04	-1.780E+03	3.604E-02	-1.150E+05	7.500E+06	0.000E+00	0.000E+00
217	2	127.25	1	1.425E+04	3.056E+04	1.065E+03	1.698E-03	-2.585E+05	1.150E+07	-4.035E-02	-2.219E-03
217	2	127.25	2	1.424E+04	3.056E+04	1.085E+03	9.173E-04	-2.605E+05	1.150E+07	-4.035E-02	-2.244E-03
217	2	127.25	3	1.208E+04	3.052E+04	-1.623E+03	3.684E-02	1.089E+05	1.152E+07	-4.040E-02	1.548E-03
217	2	127.25	4	1.207E+04	3.052E+04	-1.602E+03	3.606E-02	1.070E+05	1.152E+07	-4.040E-02	1.524E-03
217	2	127.25	5	1.454E+04	3.056E+04	9.604E+02	1.681E-03	-3.144E+05	1.150E+07	-4.035E-02	-2.528E-03
217	2	127.25	6	1.454E+04	3.056E+04	9.812E+02	9.008E-04	-3.163E+05	1.150E+07	-4.035E-02	-2.552E-03
217	2	127.25	7	1.237E+04	3.052E+04	-1.727E+03	3.682E-02	5.310E+04	1.152E+07	-4.040E-02	1.240E-03
217	2	127.25	8	1.236E+04	3.052E+04	-1.706E+03	3.604E-02	5.114E+04	1.152E+07	-4.040E-02	1.216E-03
217	2	127.25	9	-1.808E+04	3.054E+04	9.902E+02	1.698E-03	-2.826E+05	1.150E+07	-4.033E-02	-2.336E-03
217	2	127.25	10	-1.809E+04	3.055E+04	1.011E+03	9.170E-04	-2.845E+05	1.150E+07	-4.033E-02	-2.360E-03
217	2	127.25	11	-2.025E+04	3.050E+04	-1.697E+03	3.684E-02	8.489E+04	1.152E+07	-4.038E-02	1.432E-03
217	2	127.25	12	-2.026E+04	3.050E+04	-1.676E+03	3.605E-02	8.293E+04	1.152E+07	-4.038E-02	1.408E-03
217	2	127.25	13	-1.779E+04	3.055E+04	8.860E+02	1.681E-03	-3.384E+05	1.150E+07	-4.033E-02	-2.644E-03
217	2	127.25	14	-1.780E+04	3.055E+04	9.068E+02	9.005E-04	-3.404E+05	1.150E+07	-4.033E-02	-2.668E-03
217	2	127.25	15	-1.996E+04	3.050E+04	-1.801E+03	3.682E-02	2.906E+04	1.152E+07	-4.038E-02	1.124E-03
217	2	127.25	16	-1.997E+04	3.050E+04	-1.780E+03	3.604E-02	2.709E+04	1.152E+07	-4.038E-02	1.099E-03
217	3	254.50	1	1.426E+04	2.840E+04	1.065E+03	1.698E-03	-3.807E+05	1.525E+07	-5.847E-02	-3.330E-03
217	3	254.50	2	1.425E+04	2.840E+04	1.085E+03	9.173E-04	-3.853E+05	1.525E+07	-5.847E-02	-3.370E-03
217	3	254.50	3	1.208E+04	2.836E+04	-1.623E+03	3.684E-02	3.021E+05	1.527E+07	-5.854E-02	2.642E-03
217	3	254.50	4	1.208E+04	2.836E+04	-1.602E+03	3.606E-02	2.975E+05	1.527E+07	-5.853E-02	2.602E-03
217	3	254.50	5	1.455E+04	2.840E+04	9.604E+02	1.681E-03	-4.232E+05	1.525E+07	-5.847E-02	-3.702E-03
217	3	254.50	6	1.454E+04	2.840E+04	9.812E+02	9.008E-04	-4.279E+05	1.525E+07	-5.847E-02	-3.743E-03
217	3	254.50	7	1.238E+04	2.836E+04	-1.727E+03	3.682E-02	2.595E+05	1.527E+07	-5.854E-02	2.270E-03
217	3	254.50	8	1.237E+04	2.836E+04	-1.706E+03	3.604E-02	2.549E+05	1.527E+07	-5.854E-02	2.230E-03
217	3	254.50	9	-1.808E+04	2.839E+04	9.902E+02	1.698E-03	-3.953E+05	1.525E+07	-5.844E-02	-3.458E-03
217	3	254.50	10	-1.808E+04	2.839E+04	1.011E+03	9.170E-04	-3.999E+05	1.525E+07	-5.844E-02	-3.498E-03
217	3	254.50	11	-2.025E+04	2.835E+04	-1.697E+03	3.684E-02	2.875E+05	1.526E+07	-5.851E-02	2.515E-03
217	3	254.50	12	-2.025E+04	2.835E+04	-1.676E+03	3.605E-02	2.829E+05	1.526E+07	-5.851E-02	2.475E-03
217	3	254.50	13	-1.778E+04	2.839E+04	8.860E+02	1.681E-03	-4.378E+05	1.525E+07	-5.844E-02	-3.830E-03
217	3	254.50	14	-1.779E+04	2.839E+04	9.068E+02	9.005E-04	-4.424E+05	1.525E+07	-5.844E-02	-3.870E-03
217	3	254.50	15	-1.996E+04	2.835E+04	-1.801E+03	3.682E-02	2.449E+05	1.526E+07	-5.851E-02	2.142E-03
217	3	254.50	16	-1.996E+04	2.835E+04	-1.780E+03	3.604E-02	2.403E+05	1.526E+07	-5.851E-02	2.102E-03
217	4	381.75	1	1.426E+04	2.625E+04	1.065E+03	1.698E-03	-5.115E+05	1.873E+07	-4.723E-02	-2.781E-03
217	4	381.75	2	1.425E+04	2.625E+04	1.085E+03	9.173E-04	-5.188E+05	1.873E+07	-4.723E-02	-2.817E-03
217	4	381.75	3	1.209E+04	2.621E+04	-1.623E+03	3.684E-02	5.039E+05	1.874E+07	-4.727E-02	2.420E-03
217	4	381.75	4	1.208E+04	2.621E+04	-1.602E+03	3.606E-02	4.966E+05	1.874E+07	-4.727E-02	2.384E-03
217	4	381.75	5	1.455E+04	2.625E+04	9.604E+02	1.681E-03	-5.408E+05	1.873E+07	-4.723E-02	-3.031E-03
217	4	381.75	6	1.454E+04	2.625E+04	9.812E+02	9.008E-04	-5.481E+05	1.873E+07	-4.723E-02	-3.067E-03
217	4	381.75	7	1.238E+04	2.621E+04	-1.727E+03	3.682E-02	4.746E+05	1.874E+07	-4.727E-02	2.170E-03
217	4	381.75	8	1.237E+04	2.621E+04	-1.706E+03	3.604E-02	4.673E+05	1.874E+07	-4.727E-02	2.134E-03
217	4	381.75	9	-1.807E+04	2.624E+04	9.902E+02	1.698E-03	-5.166E+05	1.872E+07	-4.721E-02	-2.856E-03
217	4	381.75	10	-1.808E+04	2.624E+04	1.011E+03	9.170E-04	-5.239E+05	1.872E+07	-4.721E-02	-2.892E-03
217	4	381.75	11	-2.024E+04	2.619E+04	-1.697E+03	3.684E-02	4.988E+05	1.873E+07	-4.725E-02	2.345E-03
217	4	381.75	12	-2.025E+04	2.620E+04	-1.676E+03	3.605E-02	4.915E+05	1.873E+07	-4.725E-02	2.309E-03
217	4	381.75	13	-1.778E+04	2.624E+04	8.860E+02	1.681E-03	-5.459E+05	1.872E+07	-4.721E-02	-3.106E-03
217	4	381.75	14	-1.779E+04	2.624E+04	9.068E+02	9.005E-04	-5.532E+05	1.872E+07	-4.721E-02	-3.142E-03
217	4	381.75	15	-1.995E+04	2.620E+04	-1.801E+03	3.682E-02	4.695E+05	1.873E+07	-4.725E-02	2.095E-03
217	4	381.75	16	-1.996E+04	2.620E+04	-1.780E+03	3.604E-02	4.622E+05	1.873E+07	-4.725E-02	2.059E-03
217	5	509.00	1	1.426E+04	2.410E+04	1.065E+03	1.698E-03	-6.447E+05	2.193E+07	4.777E-09	3.515E-10
217	5	509.00	2	1.425E+04	2.410E+04	1.085E+03	9.173E-04	-6.546E+05	2.193E+07	4.777E-09	3.516E-10
217	5	509.00	3	1.209E+04	2.405E+04	-1.623E+03	3.684E-02	7.081E+05	2.194E+07	4.798E-09	-1.300E-10
217	5	509.00	4	1.208E+04	2.405E+04	-1.602E+03	3.606E-02	6.981E+05	2.194E+07	4.798E-09	-1.299E-10
217	5	509.00	5	1.455E+04	2.410E+04	9.604E+02	1.681E-03	-6.607E+05	2.193E+07	4.777E-09	2.122E-10

217	5	509.00	6	1.454E+04	2.410E+04	9.812E+02	9.008E-04	-6.706E+05	2.193E+07	4.777E-09	2.123E-10
217	5	509.00	7	1.238E+04	2.405E+04	-1.727E+03	3.682E-02	6.920E+05	2.194E+07	4.798E-09	-2.692E-10
217	5	509.00	8	1.237E+04	2.405E+04	-1.706E+03	3.604E-02	6.821E+05	2.194E+07	4.798E-09	-2.691E-10
217	5	509.00	9	-1.807E+04	2.408E+04	9.902E+02	1.698E-03	-6.403E+05	2.192E+07	4.776E-09	3.712E-10
217	5	509.00	10	-1.808E+04	2.408E+04	1.011E+03	9.170E-04	-6.502E+05	2.192E+07	4.776E-09	3.713E-10
217	5	509.00	11	-2.024E+04	2.404E+04	-1.697E+03	3.684E-02	7.124E+05	2.193E+07	4.797E-09	-1.103E-10
217	5	509.00	12	-2.025E+04	2.404E+04	-1.676E+03	3.605E-02	7.025E+05	2.193E+07	4.797E-09	-1.101E-10
217	5	509.00	13	-1.778E+04	2.408E+04	8.860E+02	1.681E-03	-6.564E+05	2.192E+07	4.776E-09	2.320E-10
217	5	509.00	14	-1.779E+04	2.408E+04	9.068E+02	9.005E-04	-6.663E+05	2.192E+07	4.776E-09	2.321E-10
217	5	509.00	15	-1.995E+04	2.404E+04	-1.801E+03	3.682E-02	6.964E+05	2.193E+07	4.797E-09	-2.495E-10
217	5	509.00	16	-1.996E+04	2.404E+04	-1.780E+03	3.604E-02	6.865E+05	2.193E+07	4.797E-09	-2.494E-10
218	1	0.00	1	1.236E+04	3.267E+04	1.706E+03	-3.604E-02	8.152E+04	7.504E+06	0.000E+00	0.000E+00
218	1	0.00	2	1.237E+04	3.267E+04	1.727E+03	-3.682E-02	8.221E+04	7.505E+06	0.000E+00	0.000E+00
218	1	0.00	3	1.453E+04	3.271E+04	-9.812E+02	-9.008E-04	2.759E+05	7.476E+06	0.000E+00	0.000E+00
218	1	0.00	4	1.454E+04	3.271E+04	-9.604E+02	-1.681E-03	2.766E+05	7.477E+06	0.000E+00	0.000E+00
218	1	0.00	5	1.207E+04	3.267E+04	1.602E+03	-3.606E-02	1.242E+04	7.504E+06	0.000E+00	0.000E+00
218	1	0.00	6	1.208E+04	3.267E+04	1.623E+03	-3.684E-02	1.311E+04	7.505E+06	0.000E+00	0.000E+00
218	1	0.00	7	1.424E+04	3.271E+04	-1.085E+03	-9.173E-04	2.068E+05	7.476E+06	0.000E+00	0.000E+00
218	1	0.00	8	1.425E+04	3.271E+04	-1.065E+03	-1.698E-03	2.075E+05	7.477E+06	0.000E+00	0.000E+00
218	1	0.00	9	-1.997E+04	3.266E+04	1.780E+03	-3.604E-02	1.150E+05	7.500E+06	0.000E+00	0.000E+00
218	1	0.00	10	-1.996E+04	3.266E+04	1.801E+03	-3.682E-02	1.157E+05	7.501E+06	0.000E+00	0.000E+00
218	1	0.00	11	-1.780E+04	3.270E+04	-9.068E+02	-9.005E-04	3.094E+05	7.472E+06	0.000E+00	0.000E+00
218	1	0.00	12	-1.779E+04	3.270E+04	-8.860E+02	-1.681E-03	3.101E+05	7.473E+06	0.000E+00	0.000E+00
218	1	0.00	13	-2.026E+04	3.266E+04	1.676E+03	-3.605E-02	4.593E+04	7.500E+06	0.000E+00	0.000E+00
218	1	0.00	14	-2.025E+04	3.266E+04	1.697E+03	-3.684E-02	4.662E+04	7.500E+06	0.000E+00	0.000E+00
218	1	0.00	15	-1.809E+04	3.270E+04	-1.011E+03	-9.170E-04	2.403E+05	7.472E+06	0.000E+00	0.000E+00
218	1	0.00	16	-1.808E+04	3.270E+04	-9.902E+02	-1.698E-03	2.410E+05	7.472E+06	0.000E+00	0.000E+00
218	2	127.25	1	1.236E+04	3.052E+04	1.706E+03	-3.604E-02	-5.114E+04	1.152E+07	-4.040E-02	-1.216E-03
218	2	127.25	2	1.237E+04	3.052E+04	1.727E+03	-3.682E-02	-5.310E+04	1.152E+07	-4.040E-02	-1.240E-03
218	2	127.25	3	1.454E+04	3.056E+04	-9.812E+02	-9.008E-04	3.163E+05	1.150E+07	-4.035E-02	2.552E-03
218	2	127.25	4	1.454E+04	3.056E+04	-9.604E+02	-1.681E-03	3.144E+05	1.150E+07	-4.035E-02	2.528E-03
218	2	127.25	5	1.207E+04	3.052E+04	1.602E+03	-3.606E-02	-1.070E+05	1.152E+07	-4.040E-02	-1.524E-03
218	2	127.25	6	1.208E+04	3.052E+04	1.623E+03	-3.684E-02	-1.089E+05	1.152E+07	-4.040E-02	-1.548E-03
218	2	127.25	7	1.424E+04	3.056E+04	-1.085E+03	-9.173E-04	2.605E+05	1.150E+07	-4.035E-02	2.244E-03
218	2	127.25	8	1.425E+04	3.056E+04	-1.065E+03	-1.698E-03	2.585E+05	1.150E+07	-4.035E-02	2.219E-03
218	2	127.25	9	-1.997E+04	3.050E+04	1.780E+03	-3.604E-02	-2.709E+04	1.152E+07	-4.038E-02	-1.099E-03
218	2	127.25	10	-1.996E+04	3.050E+04	1.801E+03	-3.682E-02	-2.906E+04	1.152E+07	-4.038E-02	-1.124E-03
218	2	127.25	11	-1.780E+04	3.055E+04	-9.068E+02	-9.005E-04	3.404E+05	1.150E+07	-4.033E-02	2.668E-03
218	2	127.25	12	-1.779E+04	3.055E+04	-8.860E+02	-1.681E-03	3.384E+05	1.150E+07	-4.033E-02	2.644E-03
218	2	127.25	13	-2.026E+04	3.050E+04	1.676E+03	-3.605E-02	-8.293E+04	1.152E+07	-4.038E-02	-1.408E-03
218	2	127.25	14	-2.025E+04	3.050E+04	1.697E+03	-3.684E-02	-8.489E+04	1.152E+07	-4.038E-02	-1.432E-03
218	2	127.25	15	-1.809E+04	3.055E+04	-1.011E+03	-9.170E-04	2.845E+05	1.150E+07	-4.033E-02	2.360E-03
218	2	127.25	16	-1.808E+04	3.054E+04	-9.902E+02	-1.698E-03	2.826E+05	1.150E+07	-4.033E-02	2.336E-03
218	3	254.50	1	1.237E+04	2.836E+04	1.706E+03	-3.604E-02	-2.549E+05	1.527E+07	-5.854E-02	-2.230E-03
218	3	254.50	2	1.238E+04	2.836E+04	1.727E+03	-3.682E-02	-2.595E+05	1.527E+07	-5.854E-02	-2.270E-03
218	3	254.50	3	1.454E+04	2.840E+04	-9.812E+02	-9.008E-04	4.279E+05	1.525E+07	-5.847E-02	3.743E-03
218	3	254.50	4	1.455E+04	2.840E+04	-9.604E+02	-1.681E-03	4.232E+05	1.525E+07	-5.847E-02	3.702E-03
218	3	254.50	5	1.208E+04	2.836E+04	1.602E+03	-3.606E-02	-2.975E+05	1.527E+07	-5.853E-02	-2.602E-03
218	3	254.50	6	1.208E+04	2.836E+04	1.623E+03	-3.684E-02	-3.021E+05	1.527E+07	-5.854E-02	-2.642E-03
218	3	254.50	7	1.425E+04	2.840E+04	-1.085E+03	-9.173E-04	3.853E+05	1.525E+07	-5.847E-02	3.370E-03
218	3	254.50	8	1.426E+04	2.840E+04	-1.065E+03	-1.698E-03	3.807E+05	1.525E+07	-5.847E-02	3.330E-03
218	3	254.50	9	-1.996E+04	2.835E+04	1.780E+03	-3.604E-02	-2.403E+05	1.526E+07	-5.851E-02	-2.102E-03
218	3	254.50	10	-1.996E+04	2.835E+04	1.801E+03	-3.682E-02	-2.449E+05	1.526E+07	-5.851E-02	-2.142E-03
218	3	254.50	11	-1.779E+04	2.839E+04	-9.068E+02	-9.005E-04	4.424E+05	1.525E+07	-5.844E-02	3.870E-03
218	3	254.50	12	-1.778E+04	2.839E+04	-8.860E+02	-1.681E-03	4.378E+05	1.525E+07	-5.844E-02	3.830E-03
218	3	254.50	13	-2.025E+04	2.835E+04	1.676E+03	-3.605E-02	-2.829E+05	1.526E+07	-5.851E-02	-2.475E-03
218	3	254.50	14	-2.025E+04	2.835E+04	1.697E+03	-3.684E-02	-2.875E+05	1.526E+07	-5.851E-02	-2.515E-03
218	3	254.50	15	-1.808E+04	2.839E+04	-1.011E+03	-9.170E-04	3.999E+05	1.525E+07	-5.844E-02	3.498E-03
218	3	254.50	16	-1.808E+04	2.839E+04	-9.902E+02	-1.698E-03	3.953E+05	1.525E+07	-5.844E-02	3.458E-03
218	4	381.75	1	1.237E+04	2.621E+04	1.706E+03	-3.604E-02	-4.673E+05	1.874E+07	-4.727E-02	-2.134E-03
218	4	381.75	2	1.238E+04	2.621E+04	1.727E+03	-3.682E-02	-4.746E+05	1.874E+07	-4.727E-02	-2.170E-03
218	4	381.75	3	1.454E+04	2.625E+04	-9.812E+02	-9.008E-04	5.481E+05	1.873E+07	-4.723E-02	3.067E-03

218	4	381.75	4	1.455E+04	2.625E+04	-9.604E+02	-1.681E-03	5.408E+05	1.873E+07	-4.723E-02	3.031E-03
218	4	381.75	5	1.208E+04	2.621E+04	1.602E+03	-3.606E-02	-4.966E+05	1.874E+07	-4.727E-02	-2.384E-03
218	4	381.75	6	1.209E+04	2.621E+04	1.623E+03	-3.684E-02	-5.039E+05	1.874E+07	-4.727E-02	-2.420E-03
218	4	381.75	7	1.425E+04	2.625E+04	-1.085E+03	-9.173E-04	5.188E+05	1.873E+07	-4.723E-02	2.817E-03
218	4	381.75	8	1.426E+04	2.625E+04	-1.065E+03	-1.698E-03	5.115E+05	1.873E+07	-4.723E-02	2.781E-03
218	4	381.75	9	-1.996E+04	2.620E+04	1.780E+03	-3.604E-02	-4.622E+05	1.873E+07	-4.725E-02	-2.059E-03
218	4	381.75	10	-1.995E+04	2.620E+04	1.801E+03	-3.682E-02	-4.695E+05	1.873E+07	-4.725E-02	-2.095E-03
218	4	381.75	11	-1.779E+04	2.624E+04	-9.068E+02	-9.005E-04	5.532E+05	1.872E+07	-4.721E-02	3.142E-03
218	4	381.75	12	-1.778E+04	2.624E+04	-8.860E+02	-1.681E-03	5.459E+05	1.872E+07	-4.721E-02	3.106E-03
218	4	381.75	13	-2.025E+04	2.620E+04	1.676E+03	-3.605E-02	-4.915E+05	1.873E+07	-4.725E-02	-2.309E-03
218	4	381.75	14	-2.024E+04	2.619E+04	1.697E+03	-3.684E-02	-4.988E+05	1.873E+07	-4.725E-02	-2.345E-03
218	4	381.75	15	-1.808E+04	2.624E+04	-1.011E+03	-9.170E-04	5.239E+05	1.872E+07	-4.721E-02	2.892E-03
218	4	381.75	16	-1.807E+04	2.624E+04	-9.902E+02	-1.698E-03	5.166E+05	1.872E+07	-4.721E-02	2.856E-03
218	5	509.00	1	1.237E+04	2.405E+04	1.706E+03	-3.604E-02	-6.821E+05	2.194E+07	4.798E-09	2.691E-10
218	5	509.00	2	1.238E+04	2.405E+04	1.727E+03	-3.682E-02	-6.920E+05	2.194E+07	4.798E-09	2.693E-10
218	5	509.00	3	1.454E+04	2.410E+04	-9.812E+02	-9.008E-04	6.706E+05	2.193E+07	4.777E-09	-2.123E-10
218	5	509.00	4	1.455E+04	2.410E+04	-9.604E+02	-1.681E-03	6.607E+05	2.193E+07	4.777E-09	-2.122E-10
218	5	509.00	5	1.208E+04	2.405E+04	1.602E+03	-3.606E-02	-6.981E+05	2.194E+07	4.798E-09	1.299E-10
218	5	509.00	6	1.209E+04	2.405E+04	1.623E+03	-3.684E-02	-7.081E+05	2.194E+07	4.798E-09	1.300E-10
218	5	509.00	7	1.425E+04	2.410E+04	-1.085E+03	-9.173E-04	6.546E+05	2.193E+07	4.777E-09	-3.516E-10
218	5	509.00	8	1.426E+04	2.410E+04	-1.065E+03	-1.698E-03	6.447E+05	2.193E+07	4.777E-09	-3.515E-10
218	5	509.00	9	-1.996E+04	2.404E+04	1.780E+03	-3.604E-02	-6.865E+05	2.193E+07	4.797E-09	2.494E-10
218	5	509.00	10	-1.995E+04	2.404E+04	1.801E+03	-3.682E-02	-6.964E+05	2.193E+07	4.797E-09	2.495E-10
218	5	509.00	11	-1.779E+04	2.408E+04	-9.068E+02	-9.005E-04	6.663E+05	2.192E+07	4.776E-09	-2.321E-10
218	5	509.00	12	-1.778E+04	2.408E+04	-8.860E+02	-1.681E-03	6.564E+05	2.192E+07	4.776E-09	-2.319E-10
218	5	509.00	13	-2.025E+04	2.404E+04	1.676E+03	-3.605E-02	-7.025E+05	2.193E+07	4.797E-09	1.102E-10
218	5	509.00	14	-2.024E+04	2.404E+04	1.697E+03	-3.684E-02	-7.124E+05	2.193E+07	4.797E-09	1.103E-10
218	5	509.00	15	-1.808E+04	2.408E+04	-1.011E+03	-9.170E-04	6.502E+05	2.192E+07	4.776E-09	-3.713E-10
218	5	509.00	16	-1.807E+04	2.408E+04	-9.902E+02	-1.698E-03	6.403E+05	2.192E+07	4.776E-09	-3.712E-10
219	1	0.00	1	1.025E+04	1.449E+04	6.364E+02	-8.017E-03	-5.811E+05	2.193E+07	0.000E+00	0.000E+00
219	1	0.00	2	1.023E+04	1.449E+04	6.422E+02	-8.809E-03	-5.897E+05	2.193E+07	0.000E+00	0.000E+00
219	1	0.00	3	7.795E+03	1.445E+04	-4.559E+02	2.764E-02	6.671E+05	2.195E+07	0.000E+00	0.000E+00
219	1	0.00	4	7.778E+03	1.445E+04	-4.500E+02	2.685E-02	6.584E+05	2.195E+07	0.000E+00	0.000E+00
219	1	0.00	5	1.036E+04	1.449E+04	5.321E+02	-8.018E-03	-6.215E+05	2.193E+07	0.000E+00	0.000E+00
219	1	0.00	6	1.035E+04	1.449E+04	5.379E+02	-8.810E-03	-6.301E+05	2.193E+07	0.000E+00	0.000E+00
219	1	0.00	7	7.908E+03	1.445E+04	-5.601E+02	2.764E-02	6.267E+05	2.195E+07	0.000E+00	0.000E+00
219	1	0.00	8	7.891E+03	1.445E+04	-5.543E+02	2.685E-02	6.180E+05	2.195E+07	0.000E+00	0.000E+00
219	1	0.00	9	-1.357E+04	1.449E+04	6.450E+02	-8.017E-03	-5.768E+05	2.192E+07	0.000E+00	0.000E+00
219	1	0.00	10	-1.359E+04	1.449E+04	6.508E+02	-8.809E-03	-5.854E+05	2.192E+07	0.000E+00	0.000E+00
219	1	0.00	11	-1.603E+04	1.444E+04	-4.472E+02	2.764E-02	6.714E+05	2.193E+07	0.000E+00	0.000E+00
219	1	0.00	12	-1.604E+04	1.445E+04	-4.414E+02	2.685E-02	6.627E+05	2.193E+07	0.000E+00	0.000E+00
219	1	0.00	13	-1.346E+04	1.449E+04	5.407E+02	-8.018E-03	-6.172E+05	2.192E+07	0.000E+00	0.000E+00
219	1	0.00	14	-1.348E+04	1.449E+04	5.466E+02	-8.810E-03	-6.258E+05	2.192E+07	0.000E+00	0.000E+00
219	1	0.00	15	-1.591E+04	1.445E+04	-5.515E+02	2.764E-02	6.310E+05	2.194E+07	0.000E+00	0.000E+00
219	1	0.00	16	-1.593E+04	1.445E+04	-5.456E+02	2.685E-02	6.223E+05	2.193E+07	0.000E+00	0.000E+00
219	2	127.50	1	1.025E+04	1.233E+04	6.364E+02	-8.017E-03	-6.542E+05	2.364E+07	-7.089E-02	-4.636E-03
219	2	127.50	2	1.023E+04	1.233E+04	6.422E+02	-8.809E-03	-6.636E+05	2.364E+07	-7.089E-02	-4.701E-03
219	2	127.50	3	7.797E+03	1.229E+04	-4.559E+02	2.764E-02	7.172E+05	2.365E+07	-7.091E-02	4.949E-03
219	2	127.50	4	7.780E+03	1.229E+04	-4.500E+02	2.685E-02	7.078E+05	2.365E+07	-7.091E-02	4.884E-03
219	2	127.50	5	1.036E+04	1.233E+04	5.321E+02	-8.018E-03	-6.813E+05	2.364E+07	-7.089E-02	-4.756E-03
219	2	127.50	6	1.035E+04	1.233E+04	5.379E+02	-8.810E-03	-6.907E+05	2.364E+07	-7.089E-02	-4.821E-03
219	2	127.50	7	7.910E+03	1.229E+04	-5.601E+02	2.764E-02	6.901E+05	2.365E+07	-7.091E-02	4.829E-03
219	2	127.50	8	7.893E+03	1.229E+04	-5.543E+02	2.685E-02	6.807E+05	2.365E+07	-7.091E-02	4.764E-03
219	2	127.50	9	-1.357E+04	1.233E+04	6.450E+02	-8.017E-03	-6.510E+05	2.363E+07	-7.085E-02	-4.619E-03
219	2	127.50	10	-1.359E+04	1.233E+04	6.508E+02	-8.809E-03	-6.604E+05	2.363E+07	-7.085E-02	-4.684E-03
219	2	127.50	11	-1.602E+04	1.229E+04	-4.472E+02	2.764E-02	7.204E+05	2.364E+07	-7.087E-02	4.965E-03
219	2	127.50	12	-1.604E+04	1.229E+04	-4.414E+02	2.685E-02	7.110E+05	2.364E+07	-7.087E-02	4.900E-03
219	2	127.50	13	-1.346E+04	1.233E+04	5.407E+02	-8.018E-03	-6.781E+05	2.363E+07	-7.085E-02	-4.739E-03
219	2	127.50	14	-1.347E+04	1.233E+04	5.466E+02	-8.810E-03	-6.875E+05	2.363E+07	-7.085E-02	-4.804E-03
219	2	127.50	15	-1.591E+04	1.229E+04	-5.515E+02	2.764E-02	6.933E+05	2.364E+07	-7.088E-02	4.845E-03
219	2	127.50	16	-1.593E+04	1.229E+04	-5.456E+02	2.685E-02	6.839E+05	2.364E+07	-7.088E-02	4.780E-03
219	3	255.00	1	1.025E+04	9.695E+03	6.364E+02	-8.017E-03	-7.288E+05	2.507E+07	-9.625E-02	-6.400E-03

219	3	255.00	2	1.024E+04	9.696E+03	6.422E+02	-8.809E-03	-7.389E+05	2.507E+07	-9.625E-02	-6.489E-03
219	3	255.00	3	7.800E+03	9.653E+03	-4.559E+02	2.764E-02	7.687E+05	2.508E+07	-9.627E-02	6.751E-03
219	3	255.00	4	7.783E+03	9.653E+03	-4.500E+02	2.685E-02	7.586E+05	2.508E+07	-9.627E-02	6.662E-03
219	3	255.00	5	1.037E+04	9.695E+03	5.321E+02	-8.018E-03	-7.426E+05	2.507E+07	-9.625E-02	-6.521E-03
219	3	255.00	6	1.035E+04	9.696E+03	5.379E+02	-8.810E-03	-7.527E+05	2.507E+07	-9.625E-02	-6.610E-03
219	3	255.00	7	7.912E+03	9.653E+03	-5.601E+02	2.764E-02	7.549E+05	2.508E+07	-9.627E-02	6.629E-03
219	3	255.00	8	7.896E+03	9.654E+03	-5.543E+02	2.685E-02	7.448E+05	2.508E+07	-9.627E-02	6.541E-03
219	3	255.00	9	-1.357E+04	9.691E+03	6.450E+02	-8.017E-03	-7.267E+05	2.506E+07	-9.620E-02	-6.382E-03
219	3	255.00	10	-1.358E+04	9.691E+03	6.508E+02	-8.809E-03	-7.368E+05	2.506E+07	-9.620E-02	-6.470E-03
219	3	255.00	11	-1.602E+04	9.648E+03	-4.472E+02	2.764E-02	7.708E+05	2.507E+07	-9.623E-02	6.769E-03
219	3	255.00	12	-1.604E+04	9.649E+03	-4.414E+02	2.685E-02	7.607E+05	2.507E+07	-9.623E-02	6.680E-03
219	3	255.00	13	-1.345E+04	9.691E+03	5.407E+02	-8.018E-03	-7.405E+05	2.506E+07	-9.621E-02	-6.503E-03
219	3	255.00	14	-1.347E+04	9.692E+03	5.466E+02	-8.810E-03	-7.506E+05	2.506E+07	-9.620E-02	-6.592E-03
219	3	255.00	15	-1.591E+04	9.649E+03	-5.515E+02	2.764E-02	7.570E+05	2.507E+07	-9.623E-02	6.648E-03
219	3	255.00	16	-1.593E+04	9.650E+03	-5.456E+02	2.685E-02	7.469E+05	2.507E+07	-9.623E-02	6.559E-03
219	4	382.50	1	1.026E+04	7.536E+03	6.364E+02	-8.017E-03	-8.044E+05	2.617E+07	-7.330E-02	-4.965E-03
219	4	382.50	2	1.024E+04	7.537E+03	6.422E+02	-8.809E-03	-8.152E+05	2.617E+07	-7.330E-02	-5.034E-03
219	4	382.50	3	7.802E+03	7.494E+03	-4.559E+02	2.764E-02	8.213E+05	2.617E+07	-7.331E-02	5.178E-03
219	4	382.50	4	7.785E+03	7.495E+03	-4.500E+02	2.685E-02	8.104E+05	2.617E+07	-7.331E-02	5.109E-03
219	4	382.50	5	1.037E+04	7.537E+03	5.321E+02	-8.018E-03	-8.049E+05	2.617E+07	-7.330E-02	-5.027E-03
219	4	382.50	6	1.035E+04	7.538E+03	5.379E+02	-8.810E-03	-8.157E+05	2.617E+07	-7.330E-02	-5.095E-03
219	4	382.50	7	7.914E+03	7.494E+03	-5.601E+02	2.764E-02	8.208E+05	2.617E+07	-7.331E-02	5.116E-03
219	4	382.50	8	7.898E+03	7.495E+03	-5.543E+02	2.685E-02	8.099E+05	2.617E+07	-7.331E-02	5.048E-03
219	4	382.50	9	-1.357E+04	7.532E+03	6.450E+02	-8.017E-03	-8.034E+05	2.616E+07	-7.327E-02	-4.954E-03
219	4	382.50	10	-1.358E+04	7.533E+03	6.508E+02	-8.809E-03	-8.142E+05	2.616E+07	-7.327E-02	-5.022E-03
219	4	382.50	11	-1.602E+04	7.490E+03	-4.472E+02	2.764E-02	8.223E+05	2.616E+07	-7.328E-02	5.189E-03
219	4	382.50	12	-1.604E+04	7.491E+03	-4.414E+02	2.685E-02	8.114E+05	2.616E+07	-7.328E-02	5.121E-03
219	4	382.50	13	-1.345E+04	7.532E+03	5.407E+02	-8.018E-03	-8.039E+05	2.616E+07	-7.327E-02	-5.016E-03
219	4	382.50	14	-1.347E+04	7.533E+03	5.466E+02	-8.810E-03	-8.147E+05	2.616E+07	-7.327E-02	-5.084E-03
219	4	382.50	15	-1.591E+04	7.490E+03	-5.515E+02	2.764E-02	8.218E+05	2.616E+07	-7.328E-02	5.127E-03
219	4	382.50	16	-1.592E+04	7.491E+03	-5.456E+02	2.685E-02	8.109E+05	2.616E+07	-7.328E-02	5.059E-03
219	5	510.00	1	1.026E+04	5.378E+03	6.364E+02	-8.017E-03	-8.808E+05	2.700E+07	-1.261E-08	-6.004E-10
219	5	510.00	2	1.024E+04	5.379E+03	6.422E+02	-8.809E-03	-8.924E+05	2.700E+07	-1.261E-08	-6.089E-10
219	5	510.00	3	7.804E+03	5.336E+03	-4.559E+02	2.764E-02	8.747E+05	2.699E+07	-1.261E-08	6.140E-10
219	5	510.00	4	7.787E+03	5.337E+03	-4.500E+02	2.685E-02	8.631E+05	2.699E+07	-1.261E-08	6.056E-10
219	5	510.00	5	1.037E+04	5.378E+03	5.321E+02	-8.018E-03	-8.680E+05	2.700E+07	-1.261E-08	-5.765E-10
219	5	510.00	6	1.035E+04	5.379E+03	5.379E+02	-8.810E-03	-8.796E+05	2.700E+07	-1.261E-08	-5.849E-10
219	5	510.00	7	7.917E+03	5.336E+03	-5.601E+02	2.764E-02	8.875E+05	2.699E+07	-1.261E-08	6.380E-10
219	5	510.00	8	7.900E+03	5.337E+03	-5.543E+02	2.685E-02	8.759E+05	2.699E+07	-1.261E-08	6.295E-10
219	5	510.00	9	-1.356E+04	5.374E+03	6.450E+02	-8.017E-03	-8.809E+05	2.698E+07	-1.259E-08	-6.029E-10
219	5	510.00	10	-1.358E+04	5.375E+03	6.508E+02	-8.809E-03	-8.925E+05	2.698E+07	-1.259E-08	-6.114E-10
219	5	510.00	11	-1.602E+04	5.332E+03	-4.472E+02	2.764E-02	8.746E+05	2.698E+07	-1.259E-08	6.116E-10
219	5	510.00	12	-1.603E+04	5.333E+03	-4.414E+02	2.685E-02	8.630E+05	2.698E+07	-1.259E-08	6.031E-10
219	5	510.00	13	-1.345E+04	5.374E+03	5.407E+02	-8.018E-03	-8.681E+05	2.698E+07	-1.259E-08	-5.789E-10
219	5	510.00	14	-1.347E+04	5.375E+03	5.466E+02	-8.810E-03	-8.797E+05	2.698E+07	-1.259E-08	-5.874E-10
219	5	510.00	15	-1.591E+04	5.332E+03	-5.515E+02	2.764E-02	8.874E+05	2.698E+07	-1.259E-08	6.356E-10
219	5	510.00	16	-1.592E+04	5.333E+03	-5.456E+02	2.685E-02	8.758E+05	2.698E+07	-1.259E-08	6.271E-10
220	1	0.00	1	7.891E+03	1.445E+04	5.543E+02	-2.685E-02	-6.180E+05	2.195E+07	0.000E+00	0.000E+00
220	1	0.00	2	7.908E+03	1.445E+04	5.601E+02	-2.764E-02	-6.267E+05	2.195E+07	0.000E+00	0.000E+00
220	1	0.00	3	1.035E+04	1.449E+04	-5.379E+02	8.810E-03	6.301E+05	2.193E+07	0.000E+00	0.000E+00
220	1	0.00	4	1.036E+04	1.449E+04	-5.321E+02	8.018E-03	6.215E+05	2.193E+07	0.000E+00	0.000E+00
220	1	0.00	5	7.778E+03	1.445E+04	4.500E+02	-2.685E-02	-6.584E+05	2.195E+07	0.000E+00	0.000E+00
220	1	0.00	6	7.795E+03	1.445E+04	4.559E+02	-2.764E-02	-6.671E+05	2.195E+07	0.000E+00	0.000E+00
220	1	0.00	7	1.023E+04	1.449E+04	-6.422E+02	8.809E-03	5.897E+05	2.193E+07	0.000E+00	0.000E+00
220	1	0.00	8	1.025E+04	1.449E+04	-6.364E+02	8.017E-03	5.811E+05	2.193E+07	0.000E+00	0.000E+00
220	1	0.00	9	-1.593E+04	1.445E+04	5.456E+02	-2.685E-02	-6.223E+05	2.193E+07	0.000E+00	0.000E+00
220	1	0.00	10	-1.591E+04	1.445E+04	5.515E+02	-2.764E-02	-6.310E+05	2.194E+07	0.000E+00	0.000E+00
220	1	0.00	11	-1.348E+04	1.449E+04	-5.466E+02	8.810E-03	6.258E+05	2.192E+07	0.000E+00	0.000E+00
220	1	0.00	12	-1.346E+04	1.449E+04	-5.407E+02	8.018E-03	6.172E+05	2.192E+07	0.000E+00	0.000E+00
220	1	0.00	13	-1.604E+04	1.445E+04	4.414E+02	-2.685E-02	-6.627E+05	2.193E+07	0.000E+00	0.000E+00
220	1	0.00	14	-1.603E+04	1.444E+04	4.472E+02	-2.764E-02	-6.714E+05	2.193E+07	0.000E+00	0.000E+00
220	1	0.00	15	-1.359E+04	1.449E+04	-6.508E+02	8.809E-03	5.854E+05	2.192E+07	0.000E+00	0.000E+00

220	1	0.00	16	-1.357E+04	1.449E+04	-6.450E+02	8.017E-03	5.768E+05	2.192E+07	0.000E+00	0.000E+00
220	2	127.50	1	7.893E+03	1.229E+04	5.543E+02	-2.685E-02	-6.807E+05	2.365E+07	-7.091E-02	-4.764E-03
220	2	127.50	2	7.910E+03	1.229E+04	5.601E+02	-2.764E-02	-6.901E+05	2.365E+07	-7.091E-02	-4.829E-03
220	2	127.50	3	1.035E+04	1.233E+04	-5.379E+02	8.810E-03	6.907E+05	2.364E+07	-7.089E-02	4.821E-03
220	2	127.50	4	1.036E+04	1.233E+04	-5.321E+02	8.018E-03	6.813E+05	2.364E+07	-7.089E-02	4.756E-03
220	2	127.50	5	7.780E+03	1.229E+04	4.500E+02	-2.685E-02	-7.078E+05	2.365E+07	-7.091E-02	-4.884E-03
220	2	127.50	6	7.797E+03	1.229E+04	4.559E+02	-2.764E-02	-7.172E+05	2.365E+07	-7.091E-02	-4.949E-03
220	2	127.50	7	1.023E+04	1.233E+04	-6.422E+02	8.809E-03	6.636E+05	2.364E+07	-7.089E-02	4.701E-03
220	2	127.50	8	1.025E+04	1.233E+04	-6.364E+02	8.017E-03	6.542E+05	2.364E+07	-7.089E-02	4.636E-03
220	2	127.50	9	-1.593E+04	1.229E+04	5.456E+02	-2.685E-02	-6.839E+05	2.364E+07	-7.088E-02	-4.780E-03
220	2	127.50	10	-1.591E+04	1.229E+04	5.515E+02	-2.764E-02	-6.933E+05	2.364E+07	-7.088E-02	-4.845E-03
220	2	127.50	11	-1.347E+04	1.233E+04	-5.466E+02	8.810E-03	6.875E+05	2.363E+07	-7.085E-02	4.804E-03
220	2	127.50	12	-1.346E+04	1.233E+04	-5.407E+02	8.018E-03	6.781E+05	2.363E+07	-7.085E-02	4.739E-03
220	2	127.50	13	-1.604E+04	1.229E+04	4.414E+02	-2.685E-02	-7.110E+05	2.364E+07	-7.087E-02	-4.900E-03
220	2	127.50	14	-1.602E+04	1.229E+04	4.472E+02	-2.764E-02	-7.204E+05	2.364E+07	-7.087E-02	-4.965E-03
220	2	127.50	15	-1.359E+04	1.233E+04	-6.508E+02	8.809E-03	6.604E+05	2.363E+07	-7.085E-02	4.684E-03
220	2	127.50	16	-1.357E+04	1.233E+04	-6.450E+02	8.017E-03	6.510E+05	2.363E+07	-7.085E-02	4.619E-03
220	3	255.00	1	7.896E+03	9.654E+03	5.543E+02	-2.685E-02	-7.448E+05	2.508E+07	-9.627E-02	-6.541E-03
220	3	255.00	2	7.912E+03	9.653E+03	5.601E+02	-2.764E-02	-7.549E+05	2.508E+07	-9.627E-02	-6.629E-03
220	3	255.00	3	1.035E+04	9.696E+03	-5.379E+02	8.810E-03	7.527E+05	2.507E+07	-9.625E-02	6.610E-03
220	3	255.00	4	1.037E+04	9.695E+03	-5.321E+02	8.018E-03	7.426E+05	2.507E+07	-9.625E-02	6.521E-03
220	3	255.00	5	7.783E+03	9.653E+03	4.500E+02	-2.685E-02	-7.586E+05	2.508E+07	-9.627E-02	-6.662E-03
220	3	255.00	6	7.800E+03	9.653E+03	4.559E+02	-2.764E-02	-7.687E+05	2.508E+07	-9.627E-02	-6.751E-03
220	3	255.00	7	1.024E+04	9.696E+03	-6.422E+02	8.809E-03	7.389E+05	2.507E+07	-9.625E-02	6.489E-03
220	3	255.00	8	1.025E+04	9.695E+03	-6.364E+02	8.017E-03	7.288E+05	2.507E+07	-9.625E-02	6.400E-03
220	3	255.00	9	-1.593E+04	9.650E+03	5.456E+02	-2.685E-02	-7.469E+05	2.507E+07	-9.623E-02	-6.559E-03
220	3	255.00	10	-1.591E+04	9.649E+03	5.515E+02	-2.764E-02	-7.570E+05	2.507E+07	-9.623E-02	-6.648E-03
220	3	255.00	11	-1.347E+04	9.692E+03	-5.466E+02	8.810E-03	7.506E+05	2.506E+07	-9.620E-02	6.592E-03
220	3	255.00	12	-1.345E+04	9.691E+03	-5.407E+02	8.018E-03	7.405E+05	2.506E+07	-9.621E-02	6.503E-03
220	3	255.00	13	-1.604E+04	9.649E+03	4.414E+02	-2.685E-02	-7.607E+05	2.507E+07	-9.623E-02	-6.680E-03
220	3	255.00	14	-1.602E+04	9.648E+03	4.472E+02	-2.764E-02	-7.708E+05	2.507E+07	-9.623E-02	-6.769E-03
220	3	255.00	15	-1.358E+04	9.691E+03	-6.508E+02	8.809E-03	7.368E+05	2.506E+07	-9.620E-02	6.470E-03
220	3	255.00	16	-1.357E+04	9.691E+03	-6.450E+02	8.017E-03	7.267E+05	2.506E+07	-9.620E-02	6.382E-03
220	4	382.50	1	7.898E+03	7.495E+03	5.543E+02	-2.685E-02	-8.099E+05	2.617E+07	-7.331E-02	-5.048E-03
220	4	382.50	2	7.914E+03	7.494E+03	5.601E+02	-2.764E-02	-8.208E+05	2.617E+07	-7.331E-02	-5.116E-03
220	4	382.50	3	1.035E+04	7.538E+03	-5.379E+02	8.810E-03	8.157E+05	2.617E+07	-7.330E-02	5.095E-03
220	4	382.50	4	1.037E+04	7.537E+03	-5.321E+02	8.018E-03	8.049E+05	2.617E+07	-7.330E-02	5.027E-03
220	4	382.50	5	7.785E+03	7.495E+03	4.500E+02	-2.685E-02	-8.104E+05	2.617E+07	-7.331E-02	-5.109E-03
220	4	382.50	6	7.802E+03	7.494E+03	4.559E+02	-2.764E-02	-8.213E+05	2.617E+07	-7.331E-02	-5.178E-03
220	4	382.50	7	1.024E+04	7.537E+03	-6.422E+02	8.809E-03	8.152E+05	2.617E+07	-7.330E-02	5.034E-03
220	4	382.50	8	1.026E+04	7.536E+03	-6.364E+02	8.017E-03	8.044E+05	2.617E+07	-7.330E-02	4.965E-03
220	4	382.50	9	-1.592E+04	7.491E+03	5.456E+02	-2.685E-02	-8.109E+05	2.616E+07	-7.328E-02	-5.059E-03
220	4	382.50	10	-1.591E+04	7.490E+03	5.515E+02	-2.764E-02	-8.218E+05	2.616E+07	-7.328E-02	-5.127E-03
220	4	382.50	11	-1.347E+04	7.533E+03	-5.466E+02	8.810E-03	8.147E+05	2.616E+07	-7.327E-02	5.084E-03
220	4	382.50	12	-1.345E+04	7.532E+03	-5.407E+02	8.018E-03	8.039E+05	2.616E+07	-7.327E-02	5.016E-03
220	4	382.50	13	-1.604E+04	7.491E+03	4.414E+02	-2.685E-02	-8.114E+05	2.616E+07	-7.328E-02	-5.121E-03
220	4	382.50	14	-1.602E+04	7.490E+03	4.472E+02	-2.764E-02	-8.223E+05	2.616E+07	-7.328E-02	-5.189E-03
220	4	382.50	15	-1.358E+04	7.533E+03	-6.508E+02	8.809E-03	8.142E+05	2.616E+07	-7.327E-02	5.022E-03
220	4	382.50	16	-1.357E+04	7.532E+03	-6.450E+02	8.017E-03	8.034E+05	2.616E+07	-7.327E-02	4.954E-03
220	5	510.00	1	7.900E+03	5.337E+03	5.543E+02	-2.685E-02	-8.759E+05	2.699E+07	-1.261E-08	-6.295E-10
220	5	510.00	2	7.917E+03	5.336E+03	5.601E+02	-2.764E-02	-8.875E+05	2.699E+07	-1.261E-08	-6.380E-10
220	5	510.00	3	1.035E+04	5.379E+03	-5.379E+02	8.810E-03	8.796E+05	2.700E+07	-1.261E-08	5.849E-10
220	5	510.00	4	1.037E+04	5.378E+03	-5.321E+02	8.018E-03	8.680E+05	2.700E+07	-1.261E-08	5.765E-10
220	5	510.00	5	7.787E+03	5.337E+03	4.500E+02	-2.685E-02	-8.631E+05	2.699E+07	-1.261E-08	-6.056E-10
220	5	510.00	6	7.804E+03	5.336E+03	4.559E+02	-2.764E-02	-8.747E+05	2.699E+07	-1.261E-08	-6.140E-10
220	5	510.00	7	1.024E+04	5.379E+03	-6.422E+02	8.809E-03	8.924E+05	2.700E+07	-1.261E-08	6.089E-10
220	5	510.00	8	1.026E+04	5.378E+03	-6.364E+02	8.017E-03	8.808E+05	2.700E+07	-1.261E-08	6.005E-10
220	5	510.00	9	-1.592E+04	5.333E+03	5.456E+02	-2.685E-02	-8.758E+05	2.698E+07	-1.259E-08	-6.271E-10
220	5	510.00	10	-1.591E+04	5.332E+03	5.515E+02	-2.764E-02	-8.874E+05	2.698E+07	-1.259E-08	-6.355E-10
220	5	510.00	11	-1.347E+04	5.375E+03	-5.466E+02	8.810E-03	8.797E+05	2.698E+07	-1.259E-08	5.874E-10
220	5	510.00	12	-1.345E+04	5.374E+03	-5.407E+02	8.018E-03	8.681E+05	2.698E+07	-1.259E-08	5.789E-10
220	5	510.00	13	-1.603E+04	5.333E+03	4.414E+02	-2.685E-02	-8.630E+05	2.698E+07	-1.259E-08	-6.031E-10

220	5	510.00	14	-1.602E+04	5.332E+03	4.472E+02	-2.764E-02	-8.746E+05	2.698E+07	-1.259E-08	-6.116E-10
220	5	510.00	15	-1.358E+04	5.375E+03	-6.508E+02	8.809E-03	8.925E+05	2.698E+07	-1.259E-08	6.114E-10
220	5	510.00	16	-1.356E+04	5.374E+03	-6.450E+02	8.017E-03	8.809E+05	2.698E+07	-1.259E-08	6.029E-10
221	1	0.00	1	5.756E+03	-5.337E+03	-5.008E+02	-2.686E-02	-8.640E+05	2.699E+07	0.000E+00	0.000E+00
221	1	0.00	2	5.735E+03	-5.336E+03	-5.069E+02	-2.765E-02	-8.750E+05	2.699E+07	0.000E+00	0.000E+00
221	1	0.00	3	3.345E+03	-5.379E+03	5.159E+02	8.803E-03	8.825E+05	2.700E+07	0.000E+00	0.000E+00
221	1	0.00	4	3.324E+03	-5.378E+03	5.099E+02	8.011E-03	8.715E+05	2.700E+07	0.000E+00	0.000E+00
221	1	0.00	5	5.673E+03	-5.337E+03	-6.051E+02	-2.684E-02	-8.766E+05	2.699E+07	0.000E+00	0.000E+00
221	1	0.00	6	5.652E+03	-5.336E+03	-6.111E+02	-2.764E-02	-8.876E+05	2.699E+07	0.000E+00	0.000E+00
221	1	0.00	7	3.262E+03	-5.380E+03	4.117E+02	8.820E-03	8.699E+05	2.700E+07	0.000E+00	0.000E+00
221	1	0.00	8	3.241E+03	-5.379E+03	4.056E+02	8.028E-03	8.589E+05	2.700E+07	0.000E+00	0.000E+00
221	1	0.00	9	-8.884E+03	-5.332E+03	-4.957E+02	-2.686E-02	-8.640E+05	2.698E+07	0.000E+00	0.000E+00
221	1	0.00	10	-8.905E+03	-5.331E+03	-5.017E+02	-2.765E-02	-8.750E+05	2.698E+07	0.000E+00	0.000E+00
221	1	0.00	11	-1.129E+04	-5.375E+03	5.211E+02	8.803E-03	8.824E+05	2.698E+07	0.000E+00	0.000E+00
221	1	0.00	12	-1.132E+04	-5.374E+03	5.151E+02	8.011E-03	8.714E+05	2.698E+07	0.000E+00	0.000E+00
221	1	0.00	13	-8.967E+03	-5.333E+03	-5.999E+02	-2.684E-02	-8.767E+05	2.698E+07	0.000E+00	0.000E+00
221	1	0.00	14	-8.988E+03	-5.332E+03	-6.059E+02	-2.764E-02	-8.877E+05	2.698E+07	0.000E+00	0.000E+00
221	1	0.00	15	-1.138E+04	-5.375E+03	4.168E+02	8.820E-03	8.698E+05	2.698E+07	0.000E+00	0.000E+00
221	1	0.00	16	-1.140E+04	-5.374E+03	4.108E+02	8.028E-03	8.588E+05	2.698E+07	0.000E+00	0.000E+00
221	2	127.50	1	5.758E+03	-7.495E+03	-5.008E+02	-2.686E-02	-8.055E+05	2.617E+07	-7.332E-02	-5.052E-03
221	2	127.50	2	5.737E+03	-7.495E+03	-5.069E+02	-2.765E-02	-8.158E+05	2.617E+07	-7.332E-02	-5.116E-03
221	2	127.50	3	3.347E+03	-7.538E+03	5.159E+02	8.803E-03	8.222E+05	2.617E+07	-7.331E-02	5.153E-03
221	2	127.50	4	3.327E+03	-7.537E+03	5.099E+02	8.011E-03	8.119E+05	2.617E+07	-7.331E-02	5.089E-03
221	2	127.50	5	5.675E+03	-7.496E+03	-6.051E+02	-2.684E-02	-8.048E+05	2.617E+07	-7.332E-02	-4.989E-03
221	2	127.50	6	5.654E+03	-7.495E+03	-6.111E+02	-2.764E-02	-8.151E+05	2.617E+07	-7.332E-02	-5.053E-03
221	2	127.50	7	3.264E+03	-7.538E+03	4.117E+02	8.820E-03	8.228E+05	2.617E+07	-7.331E-02	5.216E-03
221	2	127.50	8	3.243E+03	-7.537E+03	4.056E+02	8.028E-03	8.126E+05	2.617E+07	-7.331E-02	5.152E-03
221	2	127.50	9	-8.882E+03	-7.491E+03	-4.957E+02	-2.686E-02	-8.063E+05	2.616E+07	-7.328E-02	-5.060E-03
221	2	127.50	10	-8.902E+03	-7.490E+03	-5.017E+02	-2.765E-02	-8.165E+05	2.616E+07	-7.329E-02	-5.124E-03
221	2	127.50	11	-1.129E+04	-7.533E+03	5.211E+02	8.803E-03	8.214E+05	2.616E+07	-7.327E-02	5.145E-03
221	2	127.50	12	-1.131E+04	-7.532E+03	5.151E+02	8.011E-03	8.112E+05	2.616E+07	-7.327E-02	5.081E-03
221	2	127.50	13	-8.965E+03	-7.491E+03	-5.999E+02	-2.684E-02	-8.056E+05	2.616E+07	-7.329E-02	-4.997E-03
221	2	127.50	14	-8.986E+03	-7.490E+03	-6.059E+02	-2.764E-02	-8.158E+05	2.616E+07	-7.329E-02	-5.061E-03
221	2	127.50	15	-1.138E+04	-7.533E+03	4.168E+02	8.820E-03	8.221E+05	2.616E+07	-7.327E-02	5.208E-03
221	2	127.50	16	-1.140E+04	-7.532E+03	4.108E+02	8.028E-03	8.118E+05	2.616E+07	-7.328E-02	5.144E-03
221	3	255.00	1	5.761E+03	-1.013E+04	-5.008E+02	-2.686E-02	-7.480E+05	2.508E+07	-9.627E-02	-6.569E-03
221	3	255.00	2	5.740E+03	-1.013E+04	-5.069E+02	-2.765E-02	-7.575E+05	2.508E+07	-9.627E-02	-6.652E-03
221	3	255.00	3	3.350E+03	-1.018E+04	5.159E+02	8.803E-03	7.627E+05	2.507E+07	-9.625E-02	6.698E-03
221	3	255.00	4	3.329E+03	-1.017E+04	5.099E+02	8.011E-03	7.532E+05	2.507E+07	-9.625E-02	6.615E-03
221	3	255.00	5	5.677E+03	-1.013E+04	-6.051E+02	-2.684E-02	-7.340E+05	2.508E+07	-9.627E-02	-6.446E-03
221	3	255.00	6	5.657E+03	-1.013E+04	-6.111E+02	-2.764E-02	-7.435E+05	2.508E+07	-9.627E-02	-6.529E-03
221	3	255.00	7	3.267E+03	-1.018E+04	4.117E+02	8.820E-03	7.767E+05	2.507E+07	-9.625E-02	6.821E-03
221	3	255.00	8	3.246E+03	-1.018E+04	4.056E+02	8.028E-03	7.672E+05	2.507E+07	-9.625E-02	6.738E-03
221	3	255.00	9	-8.879E+03	-1.013E+04	-4.957E+02	-2.686E-02	-7.494E+05	2.507E+07	-9.623E-02	-6.581E-03
221	3	255.00	10	-8.900E+03	-1.013E+04	-5.017E+02	-2.765E-02	-7.589E+05	2.507E+07	-9.623E-02	-6.664E-03
221	3	255.00	11	-1.129E+04	-1.017E+04	5.211E+02	8.803E-03	7.613E+05	2.506E+07	-9.620E-02	6.686E-03
221	3	255.00	12	-1.131E+04	-1.017E+04	5.151E+02	8.011E-03	7.518E+05	2.506E+07	-9.620E-02	6.602E-03
221	3	255.00	13	-8.962E+03	-1.013E+04	-5.999E+02	-2.684E-02	-7.354E+05	2.507E+07	-9.623E-02	-6.459E-03
221	3	255.00	14	-8.983E+03	-1.013E+04	-6.059E+02	-2.764E-02	-7.449E+05	2.507E+07	-9.623E-02	-6.542E-03
221	3	255.00	15	-1.137E+04	-1.017E+04	4.168E+02	8.820E-03	7.753E+05	2.506E+07	-9.621E-02	6.808E-03
221	3	255.00	16	-1.139E+04	-1.017E+04	4.108E+02	8.028E-03	7.658E+05	2.506E+07	-9.621E-02	6.725E-03
221	4	382.50	1	5.763E+03	-1.229E+04	-5.008E+02	-2.686E-02	-6.916E+05	2.365E+07	-7.090E-02	-4.802E-03
221	4	382.50	2	5.742E+03	-1.229E+04	-5.069E+02	-2.765E-02	-7.003E+05	2.365E+07	-7.090E-02	-4.863E-03
221	4	382.50	3	3.352E+03	-1.233E+04	5.159E+02	8.803E-03	7.044E+05	2.364E+07	-7.088E-02	4.895E-03
221	4	382.50	4	3.331E+03	-1.233E+04	5.099E+02	8.011E-03	6.957E+05	2.364E+07	-7.088E-02	4.834E-03
221	4	382.50	5	5.680E+03	-1.229E+04	-6.051E+02	-2.684E-02	-6.643E+05	2.365E+07	-7.090E-02	-4.681E-03
221	4	382.50	6	5.659E+03	-1.229E+04	-6.111E+02	-2.764E-02	-6.730E+05	2.365E+07	-7.090E-02	-4.741E-03
221	4	382.50	7	3.269E+03	-1.233E+04	4.117E+02	8.820E-03	7.316E+05	2.364E+07	-7.088E-02	5.016E-03
221	4	382.50	8	3.248E+03	-1.233E+04	4.056E+02	8.028E-03	7.229E+05	2.364E+07	-7.088E-02	4.955E-03
221	4	382.50	9	-8.877E+03	-1.229E+04	-4.957E+02	-2.686E-02	-6.936E+05	2.364E+07	-7.087E-02	-4.813E-03
221	4	382.50	10	-8.898E+03	-1.229E+04	-5.017E+02	-2.765E-02	-7.023E+05	2.364E+07	-7.087E-02	-4.873E-03
221	4	382.50	11	-1.129E+04	-1.233E+04	5.211E+02	8.803E-03	7.023E+05	2.363E+07	-7.085E-02	4.884E-03

221	4	382.50	12	-1.131E+04	-1.233E+04	5.151E+02	8.011E-03	6.936E+05	2.363E+07	-7.085E-02	4.823E-03
221	4	382.50	13	-8.960E+03	-1.229E+04	-5.999E+02	-2.684E-02	-6.664E+05	2.364E+07	-7.087E-02	-4.691E-03
221	4	382.50	14	-8.981E+03	-1.229E+04	-6.059E+02	-2.764E-02	-6.751E+05	2.364E+07	-7.087E-02	-4.752E-03
221	4	382.50	15	-1.137E+04	-1.233E+04	4.168E+02	8.820E-03	7.295E+05	2.363E+07	-7.085E-02	5.005E-03
221	4	382.50	16	-1.139E+04	-1.233E+04	4.108E+02	8.028E-03	7.208E+05	2.363E+07	-7.085E-02	4.944E-03
221	5	510.00	1	5.765E+03	-1.445E+04	-5.008E+02	-2.686E-02	-6.366E+05	2.195E+07	9.557E-09	1.167E-09
221	5	510.00	2	5.744E+03	-1.445E+04	-5.069E+02	-2.765E-02	-6.445E+05	2.195E+07	9.557E-09	1.162E-09
221	5	510.00	3	3.354E+03	-1.449E+04	5.159E+02	8.803E-03	6.474E+05	2.193E+07	9.560E-09	-1.166E-09
221	5	510.00	4	3.333E+03	-1.449E+04	5.099E+02	8.011E-03	6.395E+05	2.193E+07	9.560E-09	-1.170E-09
221	5	510.00	5	5.682E+03	-1.445E+04	-6.051E+02	-2.684E-02	-5.960E+05	2.195E+07	9.557E-09	1.169E-09
221	5	510.00	6	5.661E+03	-1.445E+04	-6.111E+02	-2.764E-02	-6.040E+05	2.195E+07	9.557E-09	1.165E-09
221	5	510.00	7	3.271E+03	-1.449E+04	4.117E+02	8.820E-03	6.880E+05	2.193E+07	9.560E-09	-1.163E-09
221	5	510.00	8	3.250E+03	-1.449E+04	4.056E+02	8.028E-03	6.801E+05	2.193E+07	9.560E-09	-1.167E-09
221	5	510.00	9	-8.875E+03	-1.445E+04	-4.957E+02	-2.686E-02	-6.393E+05	2.193E+07	9.563E-09	1.168E-09
221	5	510.00	10	-8.896E+03	-1.444E+04	-5.017E+02	-2.765E-02	-6.472E+05	2.194E+07	9.563E-09	1.163E-09
221	5	510.00	11	-1.129E+04	-1.449E+04	5.211E+02	8.803E-03	6.447E+05	2.192E+07	9.566E-09	-1.165E-09
221	5	510.00	12	-1.131E+04	-1.449E+04	5.151E+02	8.011E-03	6.368E+05	2.192E+07	9.566E-09	-1.169E-09
221	5	510.00	13	-8.958E+03	-1.445E+04	-5.999E+02	-2.684E-02	-5.987E+05	2.194E+07	9.563E-09	1.170E-09
221	5	510.00	14	-8.979E+03	-1.444E+04	-6.059E+02	-2.764E-02	-6.067E+05	2.194E+07	9.563E-09	1.166E-09
221	5	510.00	15	-1.137E+04	-1.449E+04	4.168E+02	8.820E-03	6.853E+05	2.192E+07	9.566E-09	-1.162E-09
221	5	510.00	16	-1.139E+04	-1.449E+04	4.108E+02	8.028E-03	6.773E+05	2.192E+07	9.566E-09	-1.166E-09
222	1	0.00	1	3.241E+03	-5.379E+03	-4.056E+02	-8.028E-03	-8.589E+05	2.700E+07	0.000E+00	0.000E+00
222	1	0.00	2	3.262E+03	-5.380E+03	-4.117E+02	-8.820E-03	-8.699E+05	2.700E+07	0.000E+00	0.000E+00
222	1	0.00	3	5.652E+03	-5.336E+03	6.111E+02	2.764E-02	8.876E+05	2.699E+07	0.000E+00	0.000E+00
222	1	0.00	4	5.673E+03	-5.337E+03	6.051E+02	2.684E-02	8.766E+05	2.699E+07	0.000E+00	0.000E+00
222	1	0.00	5	3.324E+03	-5.378E+03	-5.099E+02	-8.011E-03	-8.715E+05	2.700E+07	0.000E+00	0.000E+00
222	1	0.00	6	3.345E+03	-5.379E+03	-5.159E+02	-8.803E-03	-8.825E+05	2.700E+07	0.000E+00	0.000E+00
222	1	0.00	7	5.735E+03	-5.336E+03	5.069E+02	2.765E-02	8.750E+05	2.699E+07	0.000E+00	0.000E+00
222	1	0.00	8	5.756E+03	-5.337E+03	5.008E+02	2.686E-02	8.640E+05	2.699E+07	0.000E+00	0.000E+00
222	1	0.00	9	-1.140E+04	-5.374E+03	-4.108E+02	-8.028E-03	-8.588E+05	2.698E+07	0.000E+00	0.000E+00
222	1	0.00	10	-1.138E+04	-5.375E+03	-4.168E+02	-8.820E-03	-8.698E+05	2.698E+07	0.000E+00	0.000E+00
222	1	0.00	11	-8.988E+03	-5.332E+03	6.059E+02	2.764E-02	8.877E+05	2.698E+07	0.000E+00	0.000E+00
222	1	0.00	12	-8.967E+03	-5.333E+03	5.999E+02	2.684E-02	8.767E+05	2.698E+07	0.000E+00	0.000E+00
222	1	0.00	13	-1.132E+04	-5.374E+03	-5.151E+02	-8.011E-03	-8.714E+05	2.698E+07	0.000E+00	0.000E+00
222	1	0.00	14	-1.129E+04	-5.375E+03	-5.211E+02	-8.803E-03	-8.824E+05	2.698E+07	0.000E+00	0.000E+00
222	1	0.00	15	-8.905E+03	-5.331E+03	5.017E+02	2.765E-02	8.750E+05	2.698E+07	0.000E+00	0.000E+00
222	1	0.00	16	-8.884E+03	-5.332E+03	4.957E+02	2.686E-02	8.640E+05	2.698E+07	0.000E+00	0.000E+00
222	2	127.50	1	3.243E+03	-7.537E+03	-4.056E+02	-8.028E-03	-8.126E+05	2.617E+07	-7.331E-02	-5.152E-03
222	2	127.50	2	3.264E+03	-7.538E+03	-4.117E+02	-8.820E-03	-8.228E+05	2.617E+07	-7.331E-02	-5.216E-03
222	2	127.50	3	5.654E+03	-7.495E+03	6.111E+02	2.764E-02	8.151E+05	2.617E+07	-7.332E-02	5.053E-03
222	2	127.50	4	5.675E+03	-7.496E+03	6.051E+02	2.684E-02	8.048E+05	2.617E+07	-7.332E-02	4.989E-03
222	2	127.50	5	3.327E+03	-7.537E+03	-5.099E+02	-8.011E-03	-8.119E+05	2.617E+07	-7.331E-02	-5.089E-03
222	2	127.50	6	3.347E+03	-7.538E+03	-5.159E+02	-8.803E-03	-8.222E+05	2.617E+07	-7.331E-02	-5.153E-03
222	2	127.50	7	5.737E+03	-7.495E+03	5.069E+02	2.765E-02	8.158E+05	2.617E+07	-7.332E-02	5.116E-03
222	2	127.50	8	5.758E+03	-7.495E+03	5.008E+02	2.686E-02	8.055E+05	2.617E+07	-7.332E-02	5.052E-03
222	2	127.50	9	-1.140E+04	-7.532E+03	-4.108E+02	-8.028E-03	-8.118E+05	2.616E+07	-7.328E-02	-5.144E-03
222	2	127.50	10	-1.138E+04	-7.533E+03	-4.168E+02	-8.820E-03	-8.221E+05	2.616E+07	-7.327E-02	-5.208E-03
222	2	127.50	11	-8.986E+03	-7.490E+03	6.059E+02	2.764E-02	8.158E+05	2.616E+07	-7.329E-02	5.061E-03
222	2	127.50	12	-8.965E+03	-7.491E+03	5.999E+02	2.684E-02	8.056E+05	2.616E+07	-7.329E-02	4.997E-03
222	2	127.50	13	-1.131E+04	-7.532E+03	-5.151E+02	-8.011E-03	-8.112E+05	2.616E+07	-7.327E-02	-5.081E-03
222	2	127.50	14	-1.129E+04	-7.533E+03	-5.211E+02	-8.803E-03	-8.214E+05	2.616E+07	-7.327E-02	-5.145E-03
222	2	127.50	15	-8.902E+03	-7.490E+03	5.017E+02	2.765E-02	8.165E+05	2.616E+07	-7.329E-02	5.124E-03
222	2	127.50	16	-8.882E+03	-7.491E+03	4.957E+02	2.686E-02	8.063E+05	2.616E+07	-7.328E-02	5.060E-03
222	3	255.00	1	3.246E+03	-1.018E+04	-4.056E+02	-8.028E-03	-7.672E+05	2.507E+07	-9.625E-02	-6.738E-03
222	3	255.00	2	3.267E+03	-1.018E+04	-4.117E+02	-8.820E-03	-7.767E+05	2.507E+07	-9.625E-02	-6.821E-03
222	3	255.00	3	5.657E+03	-1.013E+04	6.111E+02	2.764E-02	7.435E+05	2.508E+07	-9.627E-02	6.529E-03
222	3	255.00	4	5.677E+03	-1.013E+04	6.051E+02	2.684E-02	7.340E+05	2.508E+07	-9.627E-02	6.446E-03
222	3	255.00	5	3.329E+03	-1.017E+04	-5.099E+02	-8.011E-03	-7.532E+05	2.507E+07	-9.625E-02	-6.615E-03
222	3	255.00	6	3.350E+03	-1.018E+04	-5.159E+02	-8.803E-03	-7.627E+05	2.507E+07	-9.625E-02	-6.698E-03
222	3	255.00	7	5.740E+03	-1.013E+04	5.069E+02	2.765E-02	7.575E+05	2.508E+07	-9.627E-02	6.652E-03
222	3	255.00	8	5.761E+03	-1.013E+04	5.008E+02	2.686E-02	7.480E+05	2.508E+07	-9.627E-02	6.569E-03
222	3	255.00	9	-1.139E+04	-1.017E+04	-4.108E+02	-8.028E-03	-7.658E+05	2.506E+07	-9.621E-02	-6.725E-03

222	3	255.00	10	-1.137E+04	-1.017E+04	-4.168E+02	-8.820E-03	-7.753E+05	2.506E+07	-9.621E-02	-6.808E-03
222	3	255.00	11	-8.983E+03	-1.013E+04	6.059E+02	2.764E-02	7.449E+05	2.507E+07	-9.623E-02	6.542E-03
222	3	255.00	12	-8.962E+03	-1.013E+04	5.999E+02	2.684E-02	7.354E+05	2.507E+07	-9.623E-02	6.459E-03
222	3	255.00	13	-1.131E+04	-1.017E+04	-5.151E+02	-8.011E-03	-7.518E+05	2.506E+07	-9.620E-02	-6.602E-03
222	3	255.00	14	-1.129E+04	-1.017E+04	-5.211E+02	-8.803E-03	-7.613E+05	2.506E+07	-9.620E-02	-6.686E-03
222	3	255.00	15	-8.900E+03	-1.013E+04	5.017E+02	2.765E-02	7.589E+05	2.507E+07	-9.623E-02	6.664E-03
222	3	255.00	16	-8.879E+03	-1.013E+04	4.957E+02	2.686E-02	7.494E+05	2.507E+07	-9.623E-02	6.581E-03
222	4	382.50	1	3.248E+03	-1.233E+04	-4.056E+02	-8.028E-03	-7.229E+05	2.364E+07	-7.088E-02	-4.955E-03
222	4	382.50	2	3.269E+03	-1.233E+04	-4.117E+02	-8.820E-03	-7.316E+05	2.364E+07	-7.088E-02	-5.016E-03
222	4	382.50	3	5.659E+03	-1.229E+04	6.111E+02	2.764E-02	6.730E+05	2.365E+07	-7.090E-02	4.741E-03
222	4	382.50	4	5.680E+03	-1.229E+04	6.051E+02	2.684E-02	6.643E+05	2.365E+07	-7.090E-02	4.681E-03
222	4	382.50	5	3.331E+03	-1.233E+04	-5.099E+02	-8.011E-03	-6.957E+05	2.364E+07	-7.088E-02	-4.834E-03
222	4	382.50	6	3.352E+03	-1.233E+04	-5.159E+02	-8.803E-03	-7.044E+05	2.364E+07	-7.088E-02	-4.895E-03
222	4	382.50	7	5.742E+03	-1.229E+04	5.069E+02	2.765E-02	7.003E+05	2.365E+07	-7.090E-02	4.863E-03
222	4	382.50	8	5.763E+03	-1.229E+04	5.008E+02	2.686E-02	6.916E+05	2.365E+07	-7.090E-02	4.802E-03
222	4	382.50	9	-1.139E+04	-1.233E+04	-4.108E+02	-8.028E-03	-7.208E+05	2.363E+07	-7.085E-02	-4.944E-03
222	4	382.50	10	-1.137E+04	-1.233E+04	-4.168E+02	-8.820E-03	-7.295E+05	2.363E+07	-7.085E-02	-5.005E-03
222	4	382.50	11	-8.981E+03	-1.229E+04	6.059E+02	2.764E-02	6.751E+05	2.364E+07	-7.087E-02	4.752E-03
222	4	382.50	12	-8.960E+03	-1.229E+04	5.999E+02	2.684E-02	6.664E+05	2.364E+07	-7.087E-02	4.691E-03
222	4	382.50	13	-1.131E+04	-1.233E+04	-5.151E+02	-8.011E-03	-6.936E+05	2.363E+07	-7.085E-02	-4.823E-03
222	4	382.50	14	-1.129E+04	-1.233E+04	-5.211E+02	-8.803E-03	-7.023E+05	2.363E+07	-7.085E-02	-4.884E-03
222	4	382.50	15	-8.898E+03	-1.229E+04	5.017E+02	2.765E-02	7.023E+05	2.364E+07	-7.087E-02	4.873E-03
222	4	382.50	16	-8.877E+03	-1.229E+04	4.957E+02	2.686E-02	6.936E+05	2.364E+07	-7.087E-02	4.813E-03
222	5	510.00	1	3.250E+03	-1.449E+04	-4.056E+02	-8.028E-03	-6.801E+05	2.193E+07	9.560E-09	1.167E-09
222	5	510.00	2	3.271E+03	-1.449E+04	-4.117E+02	-8.820E-03	-6.880E+05	2.193E+07	9.560E-09	1.163E-09
222	5	510.00	3	5.661E+03	-1.445E+04	6.111E+02	2.764E-02	6.040E+05	2.195E+07	9.557E-09	-1.165E-09
222	5	510.00	4	5.682E+03	-1.445E+04	6.051E+02	2.684E-02	5.960E+05	2.195E+07	9.557E-09	-1.169E-09
222	5	510.00	5	3.333E+03	-1.449E+04	-5.099E+02	-8.011E-03	-6.395E+05	2.193E+07	9.560E-09	1.170E-09
222	5	510.00	6	3.354E+03	-1.449E+04	-5.159E+02	-8.803E-03	-6.474E+05	2.193E+07	9.560E-09	1.166E-09
222	5	510.00	7	5.744E+03	-1.445E+04	5.069E+02	2.765E-02	6.445E+05	2.195E+07	9.557E-09	-1.162E-09
222	5	510.00	8	5.765E+03	-1.445E+04	5.008E+02	2.686E-02	6.366E+05	2.195E+07	9.557E-09	-1.167E-09
222	5	510.00	9	-1.139E+04	-1.449E+04	-4.108E+02	-8.028E-03	-6.773E+05	2.192E+07	9.566E-09	1.166E-09
222	5	510.00	10	-1.137E+04	-1.449E+04	-4.168E+02	-8.820E-03	-6.853E+05	2.192E+07	9.566E-09	1.162E-09
222	5	510.00	11	-8.979E+03	-1.444E+04	6.059E+02	2.764E-02	6.067E+05	2.194E+07	9.563E-09	-1.166E-09
222	5	510.00	12	-8.958E+03	-1.445E+04	5.999E+02	2.684E-02	5.987E+05	2.194E+07	9.563E-09	-1.170E-09
222	5	510.00	13	-1.131E+04	-1.449E+04	-5.151E+02	-8.011E-03	-6.368E+05	2.192E+07	9.566E-09	1.169E-09
222	5	510.00	14	-1.129E+04	-1.449E+04	-5.211E+02	-8.803E-03	-6.447E+05	2.192E+07	9.566E-09	1.165E-09
222	5	510.00	15	-8.896E+03	-1.444E+04	5.017E+02	2.765E-02	6.472E+05	2.194E+07	9.563E-09	-1.163E-09
222	5	510.00	16	-8.875E+03	-1.445E+04	4.957E+02	2.686E-02	6.393E+05	2.193E+07	9.563E-09	-1.168E-09
223	1	0.00	1	1.355E+03	-2.405E+04	-8.728E+02	-3.607E-02	-6.679E+05	2.194E+07	0.000E+00	0.000E+00
223	1	0.00	2	1.335E+03	-2.405E+04	-8.859E+02	-3.685E-02	-6.759E+05	2.194E+07	0.000E+00	0.000E+00
223	1	0.00	3	-6.183E+02	-2.410E+04	1.743E+03	-9.227E-04	7.035E+05	2.193E+07	0.000E+00	0.000E+00
223	1	0.00	4	-6.389E+02	-2.410E+04	1.729E+03	-1.703E-03	6.955E+05	2.193E+07	0.000E+00	0.000E+00
223	1	0.00	5	1.094E+03	-2.405E+04	-9.770E+02	-3.604E-02	-6.517E+05	2.194E+07	0.000E+00	0.000E+00
223	1	0.00	6	1.074E+03	-2.405E+04	-9.901E+02	-3.682E-02	-6.597E+05	2.194E+07	0.000E+00	0.000E+00
223	1	0.00	7	-8.793E+02	-2.410E+04	1.638E+03	-8.909E-04	7.197E+05	2.193E+07	0.000E+00	0.000E+00
223	1	0.00	8	-8.999E+02	-2.410E+04	1.625E+03	-1.672E-03	7.117E+05	2.193E+07	0.000E+00	0.000E+00
223	1	0.00	9	-4.706E+03	-2.404E+04	-9.199E+02	-3.607E-02	-6.707E+05	2.193E+07	0.000E+00	0.000E+00
223	1	0.00	10	-4.726E+03	-2.404E+04	-9.330E+02	-3.685E-02	-6.786E+05	2.193E+07	0.000E+00	0.000E+00
223	1	0.00	11	-6.679E+03	-2.408E+04	1.695E+03	-9.226E-04	7.007E+05	2.192E+07	0.000E+00	0.000E+00
223	1	0.00	12	-6.700E+03	-2.408E+04	1.682E+03	-1.703E-03	6.928E+05	2.192E+07	0.000E+00	0.000E+00
223	1	0.00	13	-4.967E+03	-2.404E+04	-1.024E+03	-3.604E-02	-6.545E+05	2.193E+07	0.000E+00	0.000E+00
223	1	0.00	14	-4.987E+03	-2.404E+04	-1.037E+03	-3.682E-02	-6.624E+05	2.193E+07	0.000E+00	0.000E+00
223	1	0.00	15	-6.940E+03	-2.408E+04	1.591E+03	-8.907E-04	7.169E+05	2.192E+07	0.000E+00	0.000E+00
223	1	0.00	16	-6.961E+03	-2.408E+04	1.578E+03	-1.671E-03	7.089E+05	2.192E+07	0.000E+00	0.000E+00
223	2	127.25	1	1.358E+03	-2.621E+04	-8.728E+02	-3.607E-02	-5.591E+05	1.874E+07	-4.727E-02	-3.199E-03
223	2	127.25	2	1.337E+03	-2.621E+04	-8.859E+02	-3.685E-02	-5.654E+05	1.874E+07	-4.727E-02	-3.233E-03
223	2	127.25	3	-6.162E+02	-2.625E+04	1.743E+03	-9.227E-04	4.840E+05	1.873E+07	-4.723E-02	2.223E-03
223	2	127.25	4	-6.368E+02	-2.625E+04	1.729E+03	-1.703E-03	4.777E+05	1.873E+07	-4.723E-02	2.189E-03
223	2	127.25	5	1.097E+03	-2.621E+04	-9.770E+02	-3.604E-02	-5.297E+05	1.874E+07	-4.727E-02	-2.948E-03
223	2	127.25	6	1.076E+03	-2.621E+04	-9.901E+02	-3.682E-02	-5.360E+05	1.874E+07	-4.727E-02	-2.982E-03
223	2	127.25	7	-8.772E+02	-2.625E+04	1.638E+03	-8.909E-04	5.135E+05	1.873E+07	-4.723E-02	2.474E-03

223	2	127.25	8	-8.978E+02	-2.625E+04	1.625E+03	-1.672E-03	5.072E+05	1.873E+07	-4.723E-02	2.440E-03
223	2	127.25	9	-4.704E+03	-2.620E+04	-9.199E+02	-3.607E-02	-5.559E+05	1.873E+07	-4.725E-02	-3.152E-03
223	2	127.25	10	-4.724E+03	-2.619E+04	-9.330E+02	-3.685E-02	-5.622E+05	1.873E+07	-4.725E-02	-3.186E-03
223	2	127.25	11	-6.677E+03	-2.624E+04	1.695E+03	-9.226E-04	4.873E+05	1.872E+07	-4.721E-02	2.270E-03
223	2	127.25	12	-6.698E+03	-2.624E+04	1.682E+03	-1.703E-03	4.810E+05	1.872E+07	-4.721E-02	2.236E-03
223	2	127.25	13	-4.965E+03	-2.620E+04	-1.024E+03	-3.604E-02	-5.264E+05	1.873E+07	-4.725E-02	-2.901E-03
223	2	127.25	14	-4.985E+03	-2.619E+04	-1.037E+03	-3.682E-02	-5.327E+05	1.873E+07	-4.725E-02	-2.935E-03
223	2	127.25	15	-6.938E+03	-2.624E+04	1.591E+03	-8.907E-04	5.167E+05	1.872E+07	-4.721E-02	2.521E-03
223	2	127.25	16	-6.959E+03	-2.624E+04	1.578E+03	-1.671E-03	5.104E+05	1.872E+07	-4.721E-02	2.487E-03
223	3	254.50	1	1.360E+03	-2.836E+04	-8.728E+02	-3.607E-02	-4.525E+05	1.527E+07	-5.853E-02	-3.958E-03
223	3	254.50	2	1.339E+03	-2.836E+04	-8.859E+02	-3.685E-02	-4.571E+05	1.527E+07	-5.854E-02	-3.999E-03
223	3	254.50	3	-6.141E+02	-2.840E+04	1.743E+03	-9.227E-04	2.667E+05	1.525E+07	-5.847E-02	2.333E-03
223	3	254.50	4	-6.347E+02	-2.840E+04	1.729E+03	-1.703E-03	2.621E+05	1.525E+07	-5.847E-02	2.293E-03
223	3	254.50	5	1.099E+03	-2.836E+04	-9.770E+02	-3.604E-02	-4.098E+05	1.527E+07	-5.853E-02	-3.585E-03
223	3	254.50	6	1.078E+03	-2.836E+04	-9.901E+02	-3.682E-02	-4.144E+05	1.527E+07	-5.854E-02	-3.625E-03
223	3	254.50	7	-8.751E+02	-2.841E+04	1.638E+03	-8.909E-04	3.095E+05	1.525E+07	-5.847E-02	2.707E-03
223	3	254.50	8	-8.957E+02	-2.840E+04	1.625E+03	-1.672E-03	3.048E+05	1.525E+07	-5.847E-02	2.667E-03
223	3	254.50	9	-4.701E+03	-2.835E+04	-9.199E+02	-3.607E-02	-4.433E+05	1.526E+07	-5.851E-02	-3.878E-03
223	3	254.50	10	-4.722E+03	-2.835E+04	-9.330E+02	-3.685E-02	-4.479E+05	1.526E+07	-5.851E-02	-3.918E-03
223	3	254.50	11	-6.675E+03	-2.839E+04	1.695E+03	-9.226E-04	2.760E+05	1.525E+07	-5.844E-02	2.414E-03
223	3	254.50	12	-6.696E+03	-2.839E+04	1.682E+03	-1.703E-03	2.713E+05	1.525E+07	-5.844E-02	2.374E-03
223	3	254.50	13	-4.962E+03	-2.835E+04	-1.024E+03	-3.604E-02	-4.006E+05	1.526E+07	-5.851E-02	-3.504E-03
223	3	254.50	14	-4.983E+03	-2.835E+04	-1.037E+03	-3.682E-02	-4.052E+05	1.526E+07	-5.851E-02	-3.545E-03
223	3	254.50	15	-6.936E+03	-2.839E+04	1.591E+03	-8.907E-04	3.187E+05	1.525E+07	-5.844E-02	2.788E-03
223	3	254.50	16	-6.957E+03	-2.839E+04	1.578E+03	-1.671E-03	3.141E+05	1.525E+07	-5.844E-02	2.747E-03
223	4	381.75	1	1.362E+03	-3.052E+04	-8.728E+02	-3.607E-02	-3.531E+05	1.152E+07	-4.040E-02	-2.743E-03
223	4	381.75	2	1.341E+03	-3.052E+04	-8.859E+02	-3.685E-02	-3.561E+05	1.152E+07	-4.040E-02	-2.769E-03
223	4	381.75	3	-6.120E+02	-3.056E+04	1.743E+03	-9.227E-04	5.667E+04	1.150E+07	-4.034E-02	1.282E-03
223	4	381.75	4	-6.326E+02	-3.056E+04	1.729E+03	-1.703E-03	5.370E+04	1.150E+07	-4.035E-02	1.255E-03
223	4	381.75	5	1.101E+03	-3.052E+04	-9.770E+02	-3.604E-02	-2.971E+05	1.152E+07	-4.040E-02	-2.433E-03
223	4	381.75	6	1.080E+03	-3.052E+04	-9.901E+02	-3.682E-02	-3.001E+05	1.152E+07	-4.040E-02	-2.460E-03
223	4	381.75	7	-8.730E+02	-3.056E+04	1.638E+03	-8.909E-04	1.127E+05	1.150E+07	-4.035E-02	1.591E-03
223	4	381.75	8	-8.936E+02	-3.056E+04	1.625E+03	-1.672E-03	1.097E+05	1.150E+07	-4.035E-02	1.564E-03
223	4	381.75	9	-4.699E+03	-3.050E+04	-9.199E+02	-3.607E-02	-3.379E+05	1.152E+07	-4.038E-02	-2.669E-03
223	4	381.75	10	-4.720E+03	-3.050E+04	-9.330E+02	-3.685E-02	-3.409E+05	1.152E+07	-4.038E-02	-2.696E-03
223	4	381.75	11	-6.673E+03	-3.055E+04	1.695E+03	-9.226E-04	7.189E+04	1.150E+07	-4.033E-02	1.355E-03
223	4	381.75	12	-6.694E+03	-3.054E+04	1.682E+03	-1.703E-03	6.892E+04	1.150E+07	-4.033E-02	1.329E-03
223	4	381.75	13	-4.960E+03	-3.050E+04	-1.024E+03	-3.604E-02	-2.819E+05	1.152E+07	-4.038E-02	-2.360E-03
223	4	381.75	14	-4.981E+03	-3.050E+04	-1.037E+03	-3.682E-02	-2.849E+05	1.152E+07	-4.038E-02	-2.386E-03
223	4	381.75	15	-6.934E+03	-3.055E+04	1.591E+03	-8.907E-04	1.279E+05	1.150E+07	-4.033E-02	1.665E-03
223	4	381.75	16	-6.955E+03	-3.054E+04	1.578E+03	-1.671E-03	1.249E+05	1.150E+07	-4.033E-02	1.638E-03
223	5	509.00	1	1.364E+03	-3.267E+04	-8.728E+02	-3.607E-02	-1.035E+05	7.504E+06	7.371E-09	1.839E-09
223	5	509.00	2	1.343E+03	-3.267E+04	-8.859E+02	-3.685E-02	-1.048E+05	7.504E+06	7.371E-09	1.832E-09
223	5	509.00	3	-6.099E+02	-3.271E+04	1.743E+03	-9.227E-04	-3.036E+05	7.476E+06	7.365E-09	-1.802E-09
223	5	509.00	4	-6.305E+02	-3.271E+04	1.729E+03	-1.703E-03	-3.049E+05	7.476E+06	7.365E-09	-1.809E-09
223	5	509.00	5	1.103E+03	-3.267E+04	-9.770E+02	-3.604E-02	-3.426E+04	7.504E+06	7.371E-09	1.867E-09
223	5	509.00	6	1.082E+03	-3.267E+04	-9.901E+02	-3.682E-02	-3.557E+04	7.504E+06	7.371E-09	1.860E-09
223	5	509.00	7	-8.709E+02	-3.271E+04	1.638E+03	-8.909E-04	-2.343E+05	7.476E+06	7.365E-09	-1.774E-09
223	5	509.00	8	-8.915E+02	-3.271E+04	1.625E+03	-1.672E-03	-2.356E+05	7.477E+06	7.365E-09	-1.781E-09
223	5	509.00	9	-4.697E+03	-3.266E+04	-9.199E+02	-3.607E-02	-8.231E+04	7.500E+06	7.376E-09	1.830E-09
223	5	509.00	10	-4.718E+03	-3.266E+04	-9.330E+02	-3.685E-02	-8.362E+04	7.501E+06	7.376E-09	1.823E-09
223	5	509.00	11	-6.671E+03	-3.270E+04	1.695E+03	-9.226E-04	-2.824E+05	7.472E+06	7.370E-09	-1.811E-09
223	5	509.00	12	-6.691E+03	-3.270E+04	1.682E+03	-1.703E-03	-2.837E+05	7.473E+06	7.370E-09	-1.818E-09
223	5	509.00	13	-4.958E+03	-3.266E+04	-1.024E+03	-3.604E-02	-1.305E+04	7.500E+06	7.376E-09	1.857E-09
223	5	509.00	14	-4.979E+03	-3.266E+04	-1.037E+03	-3.682E-02	-1.436E+04	7.501E+06	7.376E-09	1.850E-09
223	5	509.00	15	-6.932E+03	-3.270E+04	1.591E+03	-8.907E-04	-2.131E+05	7.472E+06	7.370E-09	-1.784E-09
223	5	509.00	16	-6.953E+03	-3.270E+04	1.578E+03	-1.671E-03	-2.144E+05	7.473E+06	7.370E-09	-1.791E-09
224	1	0.00	1	-8.999E+02	-2.410E+04	-1.625E+03	1.672E-03	-7.117E+05	2.193E+07	0.000E+00	0.000E+00
224	1	0.00	2	-8.793E+02	-2.410E+04	-1.638E+03	8.909E-04	-7.197E+05	2.193E+07	0.000E+00	0.000E+00
224	1	0.00	3	1.074E+03	-2.405E+04	9.901E+02	3.682E-02	6.597E+05	2.194E+07	0.000E+00	0.000E+00
224	1	0.00	4	1.094E+03	-2.405E+04	9.770E+02	3.604E-02	6.517E+05	2.194E+07	0.000E+00	0.000E+00
224	1	0.00	5	-6.389E+02	-2.410E+04	-1.729E+03	1.703E-03	-6.955E+05	2.193E+07	0.000E+00	0.000E+00

224	1	0.00	6	-6.183E+02	-2.410E+04	-1.743E+03	9.227E-04	-7.035E+05	2.193E+07	0.000E+00	0.000E+00
224	1	0.00	7	1.335E+03	-2.405E+04	8.859E+02	3.685E-02	6.759E+05	2.194E+07	0.000E+00	0.000E+00
224	1	0.00	8	1.355E+03	-2.405E+04	8.728E+02	3.607E-02	6.679E+05	2.194E+07	0.000E+00	0.000E+00
224	1	0.00	9	-6.961E+03	-2.408E+04	-1.578E+03	1.671E-03	-7.089E+05	2.192E+07	0.000E+00	0.000E+00
224	1	0.00	10	-6.940E+03	-2.408E+04	-1.591E+03	8.907E-04	-7.169E+05	2.192E+07	0.000E+00	0.000E+00
224	1	0.00	11	-4.987E+03	-2.404E+04	1.037E+03	3.682E-02	6.624E+05	2.193E+07	0.000E+00	0.000E+00
224	1	0.00	12	-4.967E+03	-2.404E+04	1.024E+03	3.604E-02	6.545E+05	2.193E+07	0.000E+00	0.000E+00
224	1	0.00	13	-6.700E+03	-2.408E+04	-1.682E+03	1.703E-03	-6.928E+05	2.192E+07	0.000E+00	0.000E+00
224	1	0.00	14	-6.679E+03	-2.408E+04	-1.695E+03	9.226E-04	-7.007E+05	2.192E+07	0.000E+00	0.000E+00
224	1	0.00	15	-4.726E+03	-2.404E+04	9.330E+02	3.685E-02	6.786E+05	2.193E+07	0.000E+00	0.000E+00
224	1	0.00	16	-4.706E+03	-2.404E+04	9.199E+02	3.607E-02	6.707E+05	2.193E+07	0.000E+00	0.000E+00
224	2	127.25	1	-8.978E+02	-2.625E+04	-1.625E+03	1.672E-03	-5.072E+05	1.873E+07	-4.723E-02	-2.440E-03
224	2	127.25	2	-8.772E+02	-2.625E+04	-1.638E+03	8.909E-04	-5.135E+05	1.873E+07	-4.723E-02	-2.474E-03
224	2	127.25	3	1.076E+03	-2.621E+04	9.901E+02	3.682E-02	5.360E+05	1.874E+07	-4.727E-02	2.982E-03
224	2	127.25	4	1.097E+03	-2.621E+04	9.770E+02	3.604E-02	5.297E+05	1.874E+07	-4.727E-02	2.948E-03
224	2	127.25	5	-6.368E+02	-2.625E+04	-1.729E+03	1.703E-03	-4.777E+05	1.873E+07	-4.723E-02	-2.189E-03
224	2	127.25	6	-6.162E+02	-2.625E+04	-1.743E+03	9.227E-04	-4.840E+05	1.873E+07	-4.723E-02	-2.223E-03
224	2	127.25	7	1.337E+03	-2.621E+04	8.859E+02	3.685E-02	5.654E+05	1.874E+07	-4.727E-02	3.233E-03
224	2	127.25	8	1.358E+03	-2.621E+04	8.728E+02	3.607E-02	5.591E+05	1.874E+07	-4.727E-02	3.199E-03
224	2	127.25	9	-6.959E+03	-2.624E+04	-1.578E+03	1.671E-03	-5.104E+05	1.872E+07	-4.721E-02	-2.487E-03
224	2	127.25	10	-6.938E+03	-2.624E+04	-1.591E+03	8.907E-04	-5.167E+05	1.872E+07	-4.721E-02	-2.521E-03
224	2	127.25	11	-4.985E+03	-2.619E+04	1.037E+03	3.682E-02	5.327E+05	1.873E+07	-4.725E-02	2.935E-03
224	2	127.25	12	-4.965E+03	-2.620E+04	1.024E+03	3.604E-02	5.264E+05	1.873E+07	-4.725E-02	2.901E-03
224	2	127.25	13	-6.698E+03	-2.624E+04	-1.682E+03	1.703E-03	-4.810E+05	1.872E+07	-4.721E-02	-2.236E-03
224	2	127.25	14	-6.677E+03	-2.624E+04	-1.695E+03	9.226E-04	-4.873E+05	1.872E+07	-4.721E-02	-2.270E-03
224	2	127.25	15	-4.724E+03	-2.619E+04	9.330E+02	3.685E-02	5.622E+05	1.873E+07	-4.725E-02	3.186E-03
224	2	127.25	16	-4.704E+03	-2.620E+04	9.199E+02	3.607E-02	5.559E+05	1.873E+07	-4.725E-02	3.152E-03
224	3	254.50	1	-8.957E+02	-2.840E+04	-1.625E+03	1.672E-03	-3.048E+05	1.525E+07	-5.847E-02	-2.667E-03
224	3	254.50	2	-8.751E+02	-2.841E+04	-1.638E+03	8.909E-04	-3.095E+05	1.525E+07	-5.847E-02	-2.707E-03
224	3	254.50	3	1.078E+03	-2.836E+04	9.901E+02	3.682E-02	4.144E+05	1.527E+07	-5.854E-02	3.625E-03
224	3	254.50	4	1.099E+03	-2.836E+04	9.770E+02	3.604E-02	4.098E+05	1.527E+07	-5.853E-02	3.585E-03
224	3	254.50	5	-6.347E+02	-2.840E+04	-1.729E+03	1.703E-03	-2.621E+05	1.525E+07	-5.847E-02	-2.293E-03
224	3	254.50	6	-6.141E+02	-2.840E+04	-1.743E+03	9.227E-04	-2.667E+05	1.525E+07	-5.847E-02	-2.333E-03
224	3	254.50	7	1.339E+03	-2.836E+04	8.859E+02	3.685E-02	4.571E+05	1.527E+07	-5.854E-02	3.999E-03
224	3	254.50	8	1.360E+03	-2.836E+04	8.728E+02	3.607E-02	4.525E+05	1.527E+07	-5.853E-02	3.958E-03
224	3	254.50	9	-6.957E+03	-2.839E+04	-1.578E+03	1.671E-03	-3.141E+05	1.525E+07	-5.844E-02	-2.747E-03
224	3	254.50	10	-6.936E+03	-2.839E+04	-1.591E+03	8.907E-04	-3.187E+05	1.525E+07	-5.844E-02	-2.788E-03
224	3	254.50	11	-4.983E+03	-2.835E+04	1.037E+03	3.682E-02	4.052E+05	1.526E+07	-5.851E-02	3.545E-03
224	3	254.50	12	-4.962E+03	-2.835E+04	1.024E+03	3.604E-02	4.006E+05	1.526E+07	-5.851E-02	3.504E-03
224	3	254.50	13	-6.696E+03	-2.839E+04	-1.682E+03	1.703E-03	-2.713E+05	1.525E+07	-5.844E-02	-2.374E-03
224	3	254.50	14	-6.675E+03	-2.839E+04	-1.695E+03	9.226E-04	-2.760E+05	1.525E+07	-5.844E-02	-2.414E-03
224	3	254.50	15	-4.722E+03	-2.835E+04	9.330E+02	3.685E-02	4.479E+05	1.526E+07	-5.851E-02	3.918E-03
224	3	254.50	16	-4.701E+03	-2.835E+04	9.199E+02	3.607E-02	4.433E+05	1.526E+07	-5.851E-02	3.878E-03
224	4	381.75	1	-8.936E+02	-3.056E+04	-1.625E+03	1.672E-03	-1.097E+05	1.150E+07	-4.035E-02	-1.564E-03
224	4	381.75	2	-8.730E+02	-3.056E+04	-1.638E+03	8.909E-04	-1.127E+05	1.150E+07	-4.035E-02	-1.591E-03
224	4	381.75	3	1.080E+03	-3.052E+04	9.901E+02	3.682E-02	3.001E+05	1.152E+07	-4.040E-02	2.460E-03
224	4	381.75	4	1.101E+03	-3.052E+04	9.770E+02	3.604E-02	2.971E+05	1.152E+07	-4.040E-02	2.433E-03
224	4	381.75	5	-6.326E+02	-3.056E+04	-1.729E+03	1.703E-03	-5.370E+04	1.150E+07	-4.035E-02	-1.255E-03
224	4	381.75	6	-6.120E+02	-3.056E+04	-1.743E+03	9.227E-04	-5.667E+04	1.150E+07	-4.034E-02	-1.282E-03
224	4	381.75	7	1.341E+03	-3.052E+04	8.859E+02	3.685E-02	3.561E+05	1.152E+07	-4.040E-02	2.769E-03
224	4	381.75	8	1.362E+03	-3.052E+04	8.728E+02	3.607E-02	3.531E+05	1.152E+07	-4.040E-02	2.743E-03
224	4	381.75	9	-6.955E+03	-3.054E+04	-1.578E+03	1.671E-03	-1.249E+05	1.150E+07	-4.033E-02	-1.638E-03
224	4	381.75	10	-6.934E+03	-3.055E+04	-1.591E+03	8.907E-04	-1.279E+05	1.150E+07	-4.033E-02	-1.665E-03
224	4	381.75	11	-4.981E+03	-3.050E+04	1.037E+03	3.682E-02	2.849E+05	1.152E+07	-4.038E-02	2.386E-03
224	4	381.75	12	-4.960E+03	-3.050E+04	1.024E+03	3.604E-02	2.819E+05	1.152E+07	-4.038E-02	2.360E-03
224	4	381.75	13	-6.694E+03	-3.054E+04	-1.682E+03	1.703E-03	-6.892E+04	1.150E+07	-4.033E-02	-1.329E-03
224	4	381.75	14	-6.673E+03	-3.055E+04	-1.695E+03	9.226E-04	-7.189E+04	1.150E+07	-4.033E-02	-1.355E-03
224	4	381.75	15	-4.720E+03	-3.050E+04	9.330E+02	3.685E-02	3.409E+05	1.152E+07	-4.038E-02	2.696E-03
224	4	381.75	16	-4.699E+03	-3.050E+04	9.199E+02	3.607E-02	3.379E+05	1.152E+07	-4.038E-02	2.669E-03
224	5	509.00	1	-8.915E+02	-3.271E+04	-1.625E+03	1.672E-03	2.356E+05	7.477E+06	7.365E-09	1.781E-09
224	5	509.00	2	-8.709E+02	-3.271E+04	-1.638E+03	8.909E-04	2.343E+05	7.476E+06	7.365E-09	1.774E-09
224	5	509.00	3	1.082E+03	-3.267E+04	9.901E+02	3.682E-02	3.557E+04	7.504E+06	7.371E-09	-1.860E-09

224	5	509.00	4	1.103E+03	-3.267E+04	9.770E+02	3.604E-02	3.426E+04	7.504E+06	7.371E-09	-1.867E-09
224	5	509.00	5	-6.305E+02	-3.271E+04	-1.729E+03	1.703E-03	3.049E+05	7.476E+06	7.365E-09	1.809E-09
224	5	509.00	6	-6.099E+02	-3.271E+04	-1.743E+03	9.227E-04	3.036E+05	7.476E+06	7.365E-09	1.802E-09
224	5	509.00	7	1.343E+03	-3.267E+04	8.859E+02	3.685E-02	1.048E+05	7.504E+06	7.371E-09	-1.832E-09
224	5	509.00	8	1.364E+03	-3.267E+04	8.728E+02	3.607E-02	1.035E+05	7.504E+06	7.371E-09	-1.839E-09
224	5	509.00	9	-6.953E+03	-3.270E+04	-1.578E+03	1.671E-03	2.144E+05	7.473E+06	7.370E-09	1.791E-09
224	5	509.00	10	-6.932E+03	-3.270E+04	-1.591E+03	8.907E-04	2.131E+05	7.472E+06	7.370E-09	1.784E-09
224	5	509.00	11	-4.979E+03	-3.266E+04	1.037E+03	3.682E-02	1.436E+04	7.501E+06	7.376E-09	-1.850E-09
224	5	509.00	12	-4.958E+03	-3.266E+04	1.024E+03	3.604E-02	1.305E+04	7.500E+06	7.376E-09	-1.857E-09
224	5	509.00	13	-6.691E+03	-3.270E+04	-1.682E+03	1.703E-03	2.837E+05	7.473E+06	7.370E-09	1.818E-09
224	5	509.00	14	-6.671E+03	-3.270E+04	-1.695E+03	9.226E-04	2.824E+05	7.472E+06	7.370E-09	1.811E-09
224	5	509.00	15	-4.718E+03	-3.266E+04	9.330E+02	3.685E-02	8.362E+04	7.501E+06	7.376E-09	-1.823E-09
224	5	509.00	16	-4.697E+03	-3.266E+04	9.199E+02	3.607E-02	8.231E+04	7.500E+06	7.376E-09	-1.830E-09
225	1	0.00	1	-1.811E+03	-4.005E+04	-2.720E+03	-1.307E-01	-3.136E+05	7.499E+06	0.000E+00	0.000E+00
225	1	0.00	2	-1.829E+03	-4.005E+04	-2.735E+03	-1.314E-01	-3.153E+05	7.499E+06	0.000E+00	0.000E+00
225	1	0.00	3	-3.459E+03	-4.009E+04	8.632E+02	-9.614E-02	-7.508E+04	7.481E+06	0.000E+00	0.000E+00
225	1	0.00	4	-3.477E+03	-4.009E+04	8.478E+02	-9.691E-02	-7.672E+04	7.481E+06	0.000E+00	0.000E+00
225	1	0.00	5	-2.174E+03	-4.005E+04	-2.824E+03	-1.306E-01	-2.656E+05	7.499E+06	0.000E+00	0.000E+00
225	1	0.00	6	-2.193E+03	-4.005E+04	-2.840E+03	-1.314E-01	-2.672E+05	7.499E+06	0.000E+00	0.000E+00
225	1	0.00	7	-3.823E+03	-4.009E+04	7.589E+02	-9.612E-02	-2.701E+04	7.481E+06	0.000E+00	0.000E+00
225	1	0.00	8	-3.841E+03	-4.009E+04	7.436E+02	-9.688E-02	-2.865E+04	7.481E+06	0.000E+00	0.000E+00
225	1	0.00	9	-1.723E+03	-4.003E+04	-2.597E+03	-1.307E-01	-2.922E+05	7.495E+06	0.000E+00	0.000E+00
225	1	0.00	10	-1.742E+03	-4.003E+04	-2.612E+03	-1.314E-01	-2.939E+05	7.496E+06	0.000E+00	0.000E+00
225	1	0.00	11	-3.371E+03	-4.007E+04	9.867E+02	-9.614E-02	-5.368E+04	7.477E+06	0.000E+00	0.000E+00
225	1	0.00	12	-3.390E+03	-4.007E+04	9.714E+02	-9.691E-02	-5.532E+04	7.478E+06	0.000E+00	0.000E+00
225	1	0.00	13	-2.087E+03	-4.003E+04	-2.701E+03	-1.306E-01	-2.442E+05	7.496E+06	0.000E+00	0.000E+00
225	1	0.00	14	-2.105E+03	-4.003E+04	-2.716E+03	-1.314E-01	-2.458E+05	7.496E+06	0.000E+00	0.000E+00
225	1	0.00	15	-3.735E+03	-4.008E+04	8.824E+02	-9.612E-02	-5.608E+03	7.477E+06	0.000E+00	0.000E+00
225	1	0.00	16	-3.754E+03	-4.007E+04	8.671E+02	-9.688E-02	-7.247E+03	7.478E+06	0.000E+00	0.000E+00
225	2	45.25	1	-1.810E+03	-4.082E+04	-2.720E+03	-1.307E-01	-7.788E+04	5.669E+06	-1.665E-03	-3.344E-05
225	2	45.25	2	-1.828E+03	-4.082E+04	-2.735E+03	-1.314E-01	-7.882E+04	5.670E+06	-1.665E-03	-3.384E-05
225	2	45.25	3	-3.458E+03	-4.086E+04	8.632E+02	-9.614E-02	-2.268E+05	5.649E+06	-1.657E-03	-1.729E-04
225	2	45.25	4	-3.476E+03	-4.086E+04	8.478E+02	-9.691E-02	-2.278E+05	5.650E+06	-1.657E-03	-1.733E-04
225	2	45.25	5	-2.174E+03	-4.082E+04	-2.824E+03	-1.306E-01	-2.509E+04	5.669E+06	-1.665E-03	1.296E-05
225	2	45.25	6	-2.192E+03	-4.082E+04	-2.840E+03	-1.314E-01	-2.603E+04	5.670E+06	-1.665E-03	1.256E-05
225	2	45.25	7	-3.822E+03	-4.086E+04	7.589E+02	-9.612E-02	-1.740E+05	5.649E+06	-1.657E-03	-1.264E-04
225	2	45.25	8	-3.840E+03	-4.086E+04	7.436E+02	-9.688E-02	-1.750E+05	5.650E+06	-1.657E-03	-1.268E-04
225	2	45.25	9	-1.722E+03	-4.080E+04	-2.597E+03	-1.307E-01	-6.207E+04	5.667E+06	-1.664E-03	-2.342E-05
225	2	45.25	10	-1.741E+03	-4.080E+04	-2.612E+03	-1.314E-01	-6.302E+04	5.667E+06	-1.664E-03	-2.382E-05
225	2	45.25	11	-3.371E+03	-4.084E+04	9.867E+02	-9.614E-02	-2.110E+05	5.647E+06	-1.656E-03	-1.628E-04
225	2	45.25	12	-3.389E+03	-4.084E+04	9.714E+02	-9.691E-02	-2.119E+05	5.647E+06	-1.656E-03	-1.632E-04
225	2	45.25	13	-2.086E+03	-4.080E+04	-2.701E+03	-1.306E-01	-9.278E+03	5.667E+06	-1.664E-03	2.299E-05
225	2	45.25	14	-2.105E+03	-4.080E+04	-2.716E+03	-1.314E-01	-1.022E+04	5.667E+06	-1.664E-03	2.259E-05
225	2	45.25	15	-3.734E+03	-4.084E+04	8.824E+02	-9.612E-02	-1.582E+05	5.647E+06	-1.656E-03	-1.164E-04
225	2	45.25	16	-3.753E+03	-4.084E+04	8.671E+02	-9.688E-02	-1.591E+05	5.647E+06	-1.656E-03	-1.168E-04
225	3	90.50	1	-1.809E+03	-4.158E+04	-2.720E+03	-1.307E-01	-1.029E+04	3.805E+06	-1.919E-03	-1.138E-05
225	3	90.50	2	-1.827E+03	-4.158E+04	-2.735E+03	-1.314E-01	-1.054E+04	3.805E+06	-1.919E-03	-1.166E-05
225	3	90.50	3	-3.457E+03	-4.163E+04	8.632E+02	-9.614E-02	-2.104E+05	3.783E+06	-1.908E-03	-2.327E-04
225	3	90.50	4	-3.476E+03	-4.162E+04	8.478E+02	-9.691E-02	-2.106E+05	3.783E+06	-1.909E-03	-2.330E-04
225	3	90.50	5	-2.173E+03	-4.158E+04	-2.824E+03	-1.306E-01	4.722E+04	3.805E+06	-1.919E-03	5.224E-05
225	3	90.50	6	-2.191E+03	-4.158E+04	-2.840E+03	-1.314E-01	4.697E+04	3.805E+06	-1.919E-03	5.196E-05
225	3	90.50	7	-3.821E+03	-4.163E+04	7.589E+02	-9.612E-02	-1.529E+05	3.783E+06	-1.908E-03	-1.691E-04
225	3	90.50	8	-3.839E+03	-4.163E+04	7.436E+02	-9.688E-02	-1.531E+05	3.784E+06	-1.909E-03	-1.694E-04
225	3	90.50	9	-1.722E+03	-4.156E+04	-2.597E+03	-1.307E-01	-6.940E+01	3.803E+06	-1.918E-03	-7.677E-08
225	3	90.50	10	-1.740E+03	-4.156E+04	-2.612E+03	-1.314E-01	-3.202E+02	3.804E+06	-1.918E-03	-3.542E-07
225	3	90.50	11	-3.370E+03	-4.161E+04	9.867E+02	-9.614E-02	-2.002E+05	3.781E+06	-1.907E-03	-2.214E-04
225	3	90.50	12	-3.388E+03	-4.161E+04	9.714E+02	-9.691E-02	-2.004E+05	3.782E+06	-1.908E-03	-2.217E-04
225	3	90.50	13	-2.085E+03	-4.156E+04	-2.701E+03	-1.306E-01	5.744E+04	3.803E+06	-1.918E-03	6.354E-05
225	3	90.50	14	-2.104E+03	-4.156E+04	-2.716E+03	-1.314E-01	5.719E+04	3.804E+06	-1.918E-03	6.326E-05
225	3	90.50	15	-3.734E+03	-4.161E+04	8.824E+02	-9.612E-02	-1.426E+05	3.781E+06	-1.907E-03	-1.578E-04
225	3	90.50	16	-3.752E+03	-4.161E+04	8.671E+02	-9.688E-02	-1.429E+05	3.782E+06	-1.908E-03	-1.581E-04
225	4	135.75	1	-1.808E+03	-4.235E+04	-2.720E+03	-1.307E-01	9.787E+04	1.906E+06	-1.212E-03	1.970E-05

225	4	135.75	2	-1.827E+03	-4.235E+04	-2.735E+03	-1.314E-01	9.831E+04	1.906E+06	-1.212E-03	1.968E-05
225	4	135.75	3	-3.456E+03	-4.239E+04	8.632E+02	-9.614E-02	-2.345E+05	1.882E+06	-1.203E-03	-1.795E-04
225	4	135.75	4	-3.475E+03	-4.239E+04	8.478E+02	-9.691E-02	-2.341E+05	1.883E+06	-1.204E-03	-1.795E-04
225	4	135.75	5	-2.172E+03	-4.235E+04	-2.824E+03	-1.306E-01	1.601E+05	1.906E+06	-1.212E-03	6.872E-05
225	4	135.75	6	-2.190E+03	-4.235E+04	-2.840E+03	-1.314E-01	1.605E+05	1.906E+06	-1.212E-03	6.870E-05
225	4	135.75	7	-3.820E+03	-4.239E+04	7.589E+02	-9.612E-02	-1.723E+05	1.882E+06	-1.203E-03	-1.305E-04
225	4	135.75	8	-3.838E+03	-4.239E+04	7.436E+02	-9.688E-02	-1.718E+05	1.883E+06	-1.204E-03	-1.305E-04
225	4	135.75	9	-1.721E+03	-4.233E+04	-2.597E+03	-1.307E-01	1.025E+05	1.905E+06	-1.211E-03	2.663E-05
225	4	135.75	10	-1.739E+03	-4.233E+04	-2.612E+03	-1.314E-01	1.029E+05	1.906E+06	-1.211E-03	2.662E-05
225	4	135.75	11	-3.369E+03	-4.237E+04	9.867E+02	-9.614E-02	-2.299E+05	1.881E+06	-1.203E-03	-1.726E-04
225	4	135.75	12	-3.387E+03	-4.237E+04	9.714E+02	-9.691E-02	-2.294E+05	1.882E+06	-1.203E-03	-1.726E-04
225	4	135.75	13	-2.085E+03	-4.233E+04	-2.701E+03	-1.306E-01	1.647E+05	1.905E+06	-1.211E-03	7.565E-05
225	4	135.75	14	-2.103E+03	-4.233E+04	-2.716E+03	-1.314E-01	1.652E+05	1.906E+06	-1.211E-03	7.563E-05
225	4	135.75	15	-3.733E+03	-4.237E+04	8.824E+02	-9.612E-02	-1.676E+05	1.881E+06	-1.203E-03	-1.236E-04
225	4	135.75	16	-3.751E+03	-4.237E+04	8.671E+02	-9.688E-02	-1.672E+05	1.882E+06	-1.203E-03	-1.236E-04
225	5	181.00	1	-1.807E+03	-4.312E+04	-2.720E+03	-1.307E-01	2.153E+05	-2.770E+04	-6.660E-11	-3.446E-11
225	5	181.00	2	-1.826E+03	-4.311E+04	-2.735E+03	-1.314E-01	2.164E+05	-2.713E+04	-6.661E-11	-3.466E-11
225	5	181.00	3	-3.455E+03	-4.316E+04	8.632E+02	-9.614E-02	-2.679E+05	-5.346E+04	-6.406E-11	2.779E-11
225	5	181.00	4	-3.474E+03	-4.316E+04	8.478E+02	-9.691E-02	-2.668E+05	-5.289E+04	-6.407E-11	2.760E-11
225	5	181.00	5	-2.171E+03	-4.312E+04	-2.824E+03	-1.306E-01	2.822E+05	-2.773E+04	-6.660E-11	-2.650E-11
225	5	181.00	6	-2.189E+03	-4.312E+04	-2.840E+03	-1.314E-01	2.834E+05	-2.716E+04	-6.661E-11	-2.670E-11
225	5	181.00	7	-3.819E+03	-4.316E+04	7.589E+02	-9.612E-02	-2.010E+05	-5.349E+04	-6.406E-11	3.575E-11
225	5	181.00	8	-3.838E+03	-4.316E+04	7.436E+02	-9.688E-02	-1.998E+05	-5.292E+04	-6.407E-11	3.556E-11
225	5	181.00	9	-1.720E+03	-4.310E+04	-2.597E+03	-1.307E-01	2.143E+05	-2.768E+04	-6.694E-11	-3.765E-11
225	5	181.00	10	-1.738E+03	-4.310E+04	-2.612E+03	-1.314E-01	2.155E+05	-2.710E+04	-6.694E-11	-3.785E-11
225	5	181.00	11	-3.368E+03	-4.314E+04	9.867E+02	-9.614E-02	-2.689E+05	-5.343E+04	-6.440E-11	2.460E-11
225	5	181.00	12	-3.387E+03	-4.314E+04	9.714E+02	-9.691E-02	-2.677E+05	-5.286E+04	-6.441E-11	2.441E-11
225	5	181.00	13	-2.084E+03	-4.310E+04	-2.701E+03	-1.306E-01	2.813E+05	-2.770E+04	-6.693E-11	-2.969E-11
225	5	181.00	14	-2.102E+03	-4.310E+04	-2.716E+03	-1.314E-01	2.824E+05	-2.713E+04	-6.694E-11	-2.989E-11
225	5	181.00	15	-3.732E+03	-4.314E+04	8.824E+02	-9.612E-02	-2.019E+05	-5.346E+04	-6.440E-11	3.257E-11
225	5	181.00	16	-3.750E+03	-4.314E+04	8.671E+02	-9.688E-02	-2.008E+05	-5.289E+04	-6.440E-11	3.237E-11
226	1	0.00	1	-3.841E+03	-4.009E+04	-7.436E+02	9.688E-02	2.865E+04	7.481E+06	0.000E+00	0.000E+00
226	1	0.00	2	-3.823E+03	-4.009E+04	-7.589E+02	9.612E-02	2.701E+04	7.481E+06	0.000E+00	0.000E+00
226	1	0.00	3	-2.193E+03	-4.005E+04	2.840E+03	1.314E-01	2.672E+05	7.499E+06	0.000E+00	0.000E+00
226	1	0.00	4	-2.174E+03	-4.005E+04	2.824E+03	1.306E-01	2.656E+05	7.499E+06	0.000E+00	0.000E+00
226	1	0.00	5	-3.477E+03	-4.009E+04	-8.478E+02	9.691E-02	7.672E+04	7.481E+06	0.000E+00	0.000E+00
226	1	0.00	6	-3.459E+03	-4.009E+04	-8.632E+02	9.614E-02	7.508E+04	7.481E+06	0.000E+00	0.000E+00
226	1	0.00	7	-1.829E+03	-4.005E+04	2.735E+03	1.314E-01	3.153E+05	7.499E+06	0.000E+00	0.000E+00
226	1	0.00	8	-1.811E+03	-4.005E+04	2.720E+03	1.307E-01	3.136E+05	7.499E+06	0.000E+00	0.000E+00
226	1	0.00	9	-3.754E+03	-4.007E+04	-8.671E+02	9.688E-02	7.247E+03	7.478E+06	0.000E+00	0.000E+00
226	1	0.00	10	-3.735E+03	-4.008E+04	-8.824E+02	9.612E-02	5.608E+03	7.477E+06	0.000E+00	0.000E+00
226	1	0.00	11	-2.105E+03	-4.003E+04	2.716E+03	1.314E-01	2.458E+05	7.496E+06	0.000E+00	0.000E+00
226	1	0.00	12	-2.087E+03	-4.003E+04	2.701E+03	1.306E-01	2.442E+05	7.496E+06	0.000E+00	0.000E+00
226	1	0.00	13	-3.390E+03	-4.007E+04	-9.714E+02	9.691E-02	5.532E+04	7.478E+06	0.000E+00	0.000E+00
226	1	0.00	14	-3.371E+03	-4.007E+04	-9.867E+02	9.614E-02	5.368E+04	7.477E+06	0.000E+00	0.000E+00
226	1	0.00	15	-1.742E+03	-4.003E+04	2.612E+03	1.314E-01	2.939E+05	7.496E+06	0.000E+00	0.000E+00
226	1	0.00	16	-1.723E+03	-4.003E+04	2.597E+03	1.307E-01	2.922E+05	7.495E+06	0.000E+00	0.000E+00
226	2	45.25	1	-3.840E+03	-4.086E+04	-7.436E+02	9.688E-02	1.750E+05	5.650E+06	-1.657E-03	1.268E-04
226	2	45.25	2	-3.822E+03	-4.086E+04	-7.589E+02	9.612E-02	1.740E+05	5.649E+06	-1.657E-03	1.264E-04
226	2	45.25	3	-2.192E+03	-4.082E+04	2.840E+03	1.314E-01	2.603E+04	5.670E+06	-1.665E-03	-1.256E-05
226	2	45.25	4	-2.174E+03	-4.082E+04	2.824E+03	1.306E-01	2.509E+04	5.669E+06	-1.665E-03	-1.296E-05
226	2	45.25	5	-3.476E+03	-4.086E+04	-8.478E+02	9.691E-02	2.278E+05	5.650E+06	-1.657E-03	1.733E-04
226	2	45.25	6	-3.458E+03	-4.086E+04	-8.632E+02	9.614E-02	2.268E+05	5.649E+06	-1.657E-03	1.729E-04
226	2	45.25	7	-1.828E+03	-4.082E+04	2.735E+03	1.314E-01	7.882E+04	5.670E+06	-1.665E-03	3.384E-05
226	2	45.25	8	-1.810E+03	-4.082E+04	2.720E+03	1.307E-01	7.788E+04	5.669E+06	-1.665E-03	3.344E-05
226	2	45.25	9	-3.753E+03	-4.084E+04	-8.671E+02	9.688E-02	1.591E+05	5.647E+06	-1.656E-03	1.168E-04
226	2	45.25	10	-3.734E+03	-4.084E+04	-8.824E+02	9.612E-02	1.582E+05	5.647E+06	-1.656E-03	1.164E-04
226	2	45.25	11	-2.105E+03	-4.080E+04	2.716E+03	1.314E-01	1.022E+04	5.667E+06	-1.664E-03	-2.259E-05
226	2	45.25	12	-2.086E+03	-4.080E+04	2.701E+03	1.306E-01	9.278E+03	5.667E+06	-1.664E-03	-2.299E-05
226	2	45.25	13	-3.389E+03	-4.084E+04	-9.714E+02	9.691E-02	2.119E+05	5.647E+06	-1.656E-03	1.632E-04
226	2	45.25	14	-3.371E+03	-4.084E+04	-9.867E+02	9.614E-02	2.110E+05	5.647E+06	-1.656E-03	1.628E-04
226	2	45.25	15	-1.741E+03	-4.080E+04	2.612E+03	1.314E-01	6.302E+04	5.667E+06	-1.664E-03	2.382E-05

226	2	45.25	16	-1.722E+03	-4.080E+04	2.597E+03	1.307E-01	6.207E+04	5.667E+06	-1.664E-03	2.342E-05
226	3	90.50	1	-3.839E+03	-4.163E+04	-7.436E+02	9.688E-02	1.531E+05	3.784E+06	-1.909E-03	1.694E-04
226	3	90.50	2	-3.821E+03	-4.163E+04	-7.589E+02	9.612E-02	1.529E+05	3.783E+06	-1.908E-03	1.691E-04
226	3	90.50	3	-2.191E+03	-4.158E+04	2.840E+03	1.314E-01	-4.697E+04	3.805E+06	-1.919E-03	-5.196E-05
226	3	90.50	4	-2.173E+03	-4.158E+04	2.824E+03	1.306E-01	-4.722E+04	3.805E+06	-1.919E-03	-5.224E-05
226	3	90.50	5	-3.476E+03	-4.162E+04	-8.478E+02	9.691E-02	2.106E+05	3.783E+06	-1.909E-03	2.330E-04
226	3	90.50	6	-3.457E+03	-4.163E+04	-8.632E+02	9.614E-02	2.104E+05	3.783E+06	-1.908E-03	2.327E-04
226	3	90.50	7	-1.827E+03	-4.158E+04	2.735E+03	1.314E-01	1.054E+04	3.805E+06	-1.919E-03	1.166E-05
226	3	90.50	8	-1.809E+03	-4.158E+04	2.720E+03	1.307E-01	1.029E+04	3.805E+06	-1.919E-03	1.138E-05
226	3	90.50	9	-3.752E+03	-4.161E+04	-8.671E+02	9.688E-02	1.429E+05	3.782E+06	-1.908E-03	1.581E-04
226	3	90.50	10	-3.734E+03	-4.161E+04	-8.824E+02	9.612E-02	1.426E+05	3.781E+06	-1.907E-03	1.578E-04
226	3	90.50	11	-2.104E+03	-4.156E+04	2.716E+03	1.314E-01	-5.719E+04	3.804E+06	-1.918E-03	-6.326E-05
226	3	90.50	12	-2.085E+03	-4.156E+04	2.701E+03	1.306E-01	-5.744E+04	3.803E+06	-1.918E-03	-6.354E-05
226	3	90.50	13	-3.388E+03	-4.161E+04	-9.714E+02	9.691E-02	2.004E+05	3.782E+06	-1.908E-03	2.217E-04
226	3	90.50	14	-3.370E+03	-4.161E+04	-9.867E+02	9.614E-02	2.002E+05	3.781E+06	-1.907E-03	2.214E-04
226	3	90.50	15	-1.740E+03	-4.156E+04	2.612E+03	1.314E-01	3.202E+02	3.804E+06	-1.918E-03	3.542E-07
226	3	90.50	16	-1.722E+03	-4.156E+04	2.597E+03	1.307E-01	6.940E+01	3.803E+06	-1.918E-03	7.677E-08
226	4	135.75	1	-3.838E+03	-4.239E+04	-7.436E+02	9.688E-02	1.718E+05	1.883E+06	-1.204E-03	1.305E-04
226	4	135.75	2	-3.820E+03	-4.239E+04	-7.589E+02	9.612E-02	1.723E+05	1.882E+06	-1.203E-03	1.305E-04
226	4	135.75	3	-2.190E+03	-4.235E+04	2.840E+03	1.314E-01	-1.605E+05	1.906E+06	-1.212E-03	-6.870E-05
226	4	135.75	4	-2.172E+03	-4.235E+04	2.824E+03	1.306E-01	-1.601E+05	1.906E+06	-1.212E-03	-6.872E-05
226	4	135.75	5	-3.475E+03	-4.239E+04	-8.478E+02	9.691E-02	2.341E+05	1.883E+06	-1.204E-03	1.795E-04
226	4	135.75	6	-3.456E+03	-4.239E+04	-8.632E+02	9.614E-02	2.345E+05	1.882E+06	-1.203E-03	1.795E-04
226	4	135.75	7	-1.827E+03	-4.235E+04	2.735E+03	1.314E-01	-9.831E+04	1.906E+06	-1.212E-03	-1.968E-05
226	4	135.75	8	-1.808E+03	-4.235E+04	2.720E+03	1.307E-01	-9.787E+04	1.906E+06	-1.212E-03	-1.970E-05
226	4	135.75	9	-3.751E+03	-4.237E+04	-8.671E+02	9.688E-02	1.672E+05	1.882E+06	-1.203E-03	1.236E-04
226	4	135.75	10	-3.733E+03	-4.237E+04	-8.824E+02	9.612E-02	1.676E+05	1.881E+06	-1.203E-03	1.236E-04
226	4	135.75	11	-2.103E+03	-4.233E+04	2.716E+03	1.314E-01	-1.652E+05	1.906E+06	-1.211E-03	-7.563E-05
226	4	135.75	12	-2.085E+03	-4.233E+04	2.701E+03	1.306E-01	-1.647E+05	1.905E+06	-1.211E-03	-7.565E-05
226	4	135.75	13	-3.387E+03	-4.237E+04	-9.714E+02	9.691E-02	2.294E+05	1.882E+06	-1.203E-03	1.726E-04
226	4	135.75	14	-3.369E+03	-4.237E+04	-9.867E+02	9.614E-02	2.299E+05	1.881E+06	-1.203E-03	1.726E-04
226	4	135.75	15	-1.739E+03	-4.233E+04	2.612E+03	1.314E-01	-1.029E+05	1.906E+06	-1.211E-03	-2.662E-05
226	4	135.75	16	-1.721E+03	-4.233E+04	2.597E+03	1.307E-01	-1.025E+05	1.905E+06	-1.211E-03	-2.663E-05
226	5	181.00	1	-3.838E+03	-4.316E+04	-7.436E+02	9.688E-02	1.998E+05	-5.292E+04	-6.407E-11	-3.556E-11
226	5	181.00	2	-3.819E+03	-4.316E+04	-7.589E+02	9.612E-02	2.010E+05	-5.349E+04	-6.406E-11	-3.576E-11
226	5	181.00	3	-2.189E+03	-4.312E+04	2.840E+03	1.314E-01	-2.834E+05	-2.716E+04	-6.661E-11	2.669E-11
226	5	181.00	4	-2.171E+03	-4.312E+04	2.824E+03	1.306E-01	-2.822E+05	-2.773E+04	-6.660E-11	2.650E-11
226	5	181.00	5	-3.474E+03	-4.316E+04	-8.478E+02	9.691E-02	2.668E+05	-5.289E+04	-6.407E-11	-2.760E-11
226	5	181.00	6	-3.455E+03	-4.316E+04	-8.632E+02	9.614E-02	2.679E+05	-5.346E+04	-6.407E-11	-2.780E-11
226	5	181.00	7	-1.826E+03	-4.311E+04	2.735E+03	1.314E-01	-2.164E+05	-2.713E+04	-6.661E-11	3.465E-11
226	5	181.00	8	-1.807E+03	-4.312E+04	2.720E+03	1.307E-01	-2.153E+05	-2.770E+04	-6.660E-11	3.446E-11
226	5	181.00	9	-3.750E+03	-4.314E+04	-8.671E+02	9.688E-02	2.008E+05	-5.289E+04	-6.440E-11	-3.237E-11
226	5	181.00	10	-3.732E+03	-4.314E+04	-8.824E+02	9.612E-02	2.019E+05	-5.346E+04	-6.440E-11	-3.257E-11
226	5	181.00	11	-2.102E+03	-4.310E+04	2.716E+03	1.314E-01	-2.824E+05	-2.713E+04	-6.694E-11	2.988E-11
226	5	181.00	12	-2.084E+03	-4.310E+04	2.701E+03	1.306E-01	-2.813E+05	-2.770E+04	-6.693E-11	2.968E-11
226	5	181.00	13	-3.387E+03	-4.314E+04	-9.714E+02	9.691E-02	2.677E+05	-5.286E+04	-6.440E-11	-2.441E-11
226	5	181.00	14	-3.368E+03	-4.314E+04	-9.867E+02	9.614E-02	2.689E+05	-5.343E+04	-6.440E-11	-2.461E-11
226	5	181.00	15	-1.738E+03	-4.310E+04	2.612E+03	1.314E-01	-2.155E+05	-2.710E+04	-6.694E-11	3.784E-11
226	5	181.00	16	-1.720E+03	-4.310E+04	2.597E+03	1.307E-01	-2.143E+05	-2.768E+04	-6.693E-11	3.764E-11
227	1	0.00	1	1.288E+02	1.168E+03	2.142E+01	4.336E-11	1.478E+03	-4.031E+04	0.000E+00	0.000E+00
227	1	0.00	2	1.288E+02	1.168E+03	2.145E+01	4.346E-11	1.480E+03	-4.031E+04	0.000E+00	0.000E+00
227	1	0.00	3	1.288E+02	1.168E+03	-2.145E+01	2.094E-12	-1.480E+03	-4.031E+04	0.000E+00	0.000E+00
227	1	0.00	4	1.288E+02	1.168E+03	-2.142E+01	2.195E-12	-1.478E+03	-4.031E+04	0.000E+00	0.000E+00
227	1	0.00	5	1.395E+02	1.168E+03	2.142E+01	4.322E-11	1.478E+03	-4.031E+04	0.000E+00	0.000E+00
227	1	0.00	6	1.395E+02	1.168E+03	2.145E+01	4.332E-11	1.480E+03	-4.031E+04	0.000E+00	0.000E+00
227	1	0.00	7	1.395E+02	1.168E+03	-2.145E+01	1.959E-12	-1.480E+03	-4.031E+04	0.000E+00	0.000E+00
227	1	0.00	8	1.395E+02	1.168E+03	-2.142E+01	2.061E-12	-1.478E+03	-4.031E+04	0.000E+00	0.000E+00
227	1	0.00	9	-1.429E+02	1.168E+03	2.142E+01	3.113E-12	1.478E+03	-4.028E+04	0.000E+00	0.000E+00
227	1	0.00	10	-1.429E+02	1.168E+03	2.145E+01	3.215E-12	1.480E+03	-4.028E+04	0.000E+00	0.000E+00
227	1	0.00	11	-1.429E+02	1.168E+03	-2.145E+01	-3.815E-11	-1.480E+03	-4.028E+04	0.000E+00	0.000E+00
227	1	0.00	12	-1.429E+02	1.168E+03	-2.142E+01	-3.805E-11	-1.478E+03	-4.028E+04	0.000E+00	0.000E+00
227	1	0.00	13	-1.322E+02	1.168E+03	2.142E+01	2.979E-12	1.478E+03	-4.028E+04	0.000E+00	0.000E+00

227	1	0.00	14	-1.322E+02	1.168E+03	2.145E+01	3.081E-12	1.480E+03	-4.028E+04	0.000E+00	0.000E+00
227	1	0.00	15	-1.322E+02	1.168E+03	-2.145E+01	-3.828E-11	-1.480E+03	-4.028E+04	0.000E+00	0.000E+00
227	1	0.00	16	-1.322E+02	1.168E+03	-2.142E+01	-3.818E-11	-1.478E+03	-4.028E+04	0.000E+00	0.000E+00
227	2	17.25	1	1.292E+02	8.762E+02	2.142E+01	4.336E-11	1.108E+03	-2.268E+04	-9.208E-06	1.039E-07
227	2	17.25	2	1.292E+02	8.762E+02	2.145E+01	4.346E-11	1.110E+03	-2.268E+04	-9.208E-06	1.041E-07
227	2	17.25	3	1.292E+02	8.762E+02	-2.145E+01	2.094E-12	-1.110E+03	-2.268E+04	-9.208E-06	-1.041E-07
227	2	17.25	4	1.292E+02	8.762E+02	-2.142E+01	2.195E-12	-1.108E+03	-2.268E+04	-9.208E-06	-1.039E-07
227	2	17.25	5	1.399E+02	8.762E+02	2.142E+01	4.322E-11	1.108E+03	-2.268E+04	-9.208E-06	1.039E-07
227	2	17.25	6	1.399E+02	8.762E+02	2.145E+01	4.332E-11	1.110E+03	-2.268E+04	-9.208E-06	1.041E-07
227	2	17.25	7	1.399E+02	8.762E+02	-2.145E+01	1.959E-12	-1.110E+03	-2.268E+04	-9.208E-06	-1.041E-07
227	2	17.25	8	1.399E+02	8.762E+02	-2.142E+01	2.061E-12	-1.108E+03	-2.268E+04	-9.208E-06	-1.039E-07
227	2	17.25	9	-1.424E+02	8.758E+02	2.142E+01	3.113E-12	1.108E+03	-2.266E+04	-9.209E-06	1.039E-07
227	2	17.25	10	-1.424E+02	8.758E+02	2.145E+01	3.215E-12	1.110E+03	-2.266E+04	-9.209E-06	1.041E-07
227	2	17.25	11	-1.424E+02	8.758E+02	-2.145E+01	-3.815E-11	-1.110E+03	-2.266E+04	-9.209E-06	-1.041E-07
227	2	17.25	12	-1.424E+02	8.758E+02	-2.142E+01	-3.805E-11	-1.108E+03	-2.266E+04	-9.209E-06	-1.039E-07
227	2	17.25	13	-1.317E+02	8.758E+02	2.142E+01	2.979E-12	1.108E+03	-2.266E+04	-9.209E-06	1.039E-07
227	2	17.25	14	-1.317E+02	8.758E+02	2.145E+01	3.081E-12	1.110E+03	-2.266E+04	-9.209E-06	1.041E-07
227	2	17.25	15	-1.317E+02	8.758E+02	-2.145E+01	-3.828E-11	-1.110E+03	-2.266E+04	-9.209E-06	-1.041E-07
227	2	17.25	16	-1.317E+02	8.758E+02	-2.142E+01	-3.818E-11	-1.108E+03	-2.266E+04	-9.209E-06	-1.039E-07
227	3	34.50	1	1.296E+02	5.842E+02	2.142E+01	4.336E-11	7.388E+02	-1.008E+04	-1.254E-05	1.188E-07
227	3	34.50	2	1.296E+02	5.842E+02	2.145E+01	4.346E-11	7.401E+02	-1.008E+04	-1.254E-05	1.190E-07
227	3	34.50	3	1.296E+02	5.842E+02	-2.145E+01	2.094E-12	-7.401E+02	-1.008E+04	-1.254E-05	-1.190E-07
227	3	34.50	4	1.296E+02	5.842E+02	-2.142E+01	2.195E-12	-7.388E+02	-1.008E+04	-1.254E-05	-1.188E-07
227	3	34.50	5	1.403E+02	5.842E+02	2.142E+01	4.322E-11	7.388E+02	-1.008E+04	-1.254E-05	1.188E-07
227	3	34.50	6	1.403E+02	5.842E+02	2.145E+01	4.332E-11	7.401E+02	-1.008E+04	-1.254E-05	1.190E-07
227	3	34.50	7	1.403E+02	5.842E+02	-2.145E+01	1.959E-12	-7.401E+02	-1.008E+04	-1.254E-05	-1.190E-07
227	3	34.50	8	1.403E+02	5.842E+02	-2.142E+01	2.061E-12	-7.388E+02	-1.008E+04	-1.254E-05	-1.188E-07
227	3	34.50	9	-1.420E+02	5.838E+02	2.142E+01	3.113E-12	7.388E+02	-1.007E+04	-1.254E-05	1.188E-07
227	3	34.50	10	-1.420E+02	5.838E+02	2.145E+01	3.215E-12	7.401E+02	-1.007E+04	-1.254E-05	1.190E-07
227	3	34.50	11	-1.420E+02	5.838E+02	-2.145E+01	-3.815E-11	-7.401E+02	-1.007E+04	-1.254E-05	-1.190E-07
227	3	34.50	12	-1.420E+02	5.838E+02	-2.142E+01	-3.805E-11	-7.388E+02	-1.007E+04	-1.254E-05	-1.188E-07
227	3	34.50	13	-1.313E+02	5.838E+02	2.142E+01	2.979E-12	7.388E+02	-1.007E+04	-1.254E-05	1.188E-07
227	3	34.50	14	-1.313E+02	5.838E+02	2.145E+01	3.081E-12	7.401E+02	-1.007E+04	-1.254E-05	1.190E-07
227	3	34.50	15	-1.313E+02	5.838E+02	-2.145E+01	-3.828E-11	-7.401E+02	-1.007E+04	-1.254E-05	-1.190E-07
227	3	34.50	16	-1.313E+02	5.838E+02	-2.142E+01	-3.818E-11	-7.388E+02	-1.007E+04	-1.254E-05	-1.188E-07
227	4	51.75	1	1.301E+02	2.922E+02	2.142E+01	4.336E-11	3.694E+02	-2.522E+03	-9.561E-06	7.423E-08
227	4	51.75	2	1.301E+02	2.922E+02	2.145E+01	4.346E-11	3.701E+02	-2.522E+03	-9.561E-06	7.436E-08
227	4	51.75	3	1.301E+02	2.922E+02	-2.145E+01	2.094E-12	-3.701E+02	-2.522E+03	-9.561E-06	-7.436E-08
227	4	51.75	4	1.301E+02	2.922E+02	-2.142E+01	2.195E-12	-3.694E+02	-2.522E+03	-9.561E-06	-7.423E-08
227	4	51.75	5	1.407E+02	2.922E+02	2.142E+01	4.322E-11	3.694E+02	-2.522E+03	-9.561E-06	7.423E-08
227	4	51.75	6	1.407E+02	2.922E+02	2.145E+01	4.332E-11	3.701E+02	-2.522E+03	-9.561E-06	7.436E-08
227	4	51.75	7	1.407E+02	2.922E+02	-2.145E+01	1.959E-12	-3.701E+02	-2.522E+03	-9.561E-06	-7.436E-08
227	4	51.75	8	1.407E+02	2.922E+02	-2.142E+01	2.061E-12	-3.694E+02	-2.522E+03	-9.561E-06	-7.423E-08
227	4	51.75	9	-1.416E+02	2.918E+02	2.142E+01	3.113E-12	3.694E+02	-2.515E+03	-9.561E-06	7.423E-08
227	4	51.75	10	-1.416E+02	2.918E+02	2.145E+01	3.215E-12	3.701E+02	-2.515E+03	-9.561E-06	7.436E-08
227	4	51.75	11	-1.416E+02	2.918E+02	-2.145E+01	-3.815E-11	-3.701E+02	-2.515E+03	-9.561E-06	-7.436E-08
227	4	51.75	12	-1.416E+02	2.918E+02	-2.142E+01	-3.805E-11	-3.694E+02	-2.515E+03	-9.561E-06	-7.423E-08
227	4	51.75	13	-1.309E+02	2.918E+02	2.142E+01	2.979E-12	3.694E+02	-2.515E+03	-9.561E-06	7.423E-08
227	4	51.75	14	-1.309E+02	2.918E+02	2.145E+01	3.081E-12	3.701E+02	-2.515E+03	-9.561E-06	7.436E-08
227	4	51.75	15	-1.309E+02	2.918E+02	-2.145E+01	-3.828E-11	-3.701E+02	-2.515E+03	-9.561E-06	-7.436E-08
227	4	51.75	16	-1.309E+02	2.918E+02	-2.142E+01	-3.818E-11	-3.694E+02	-2.515E+03	-9.561E-06	-7.423E-08
227	5	69.00	1	1.305E+02	1.891E-01	2.142E+01	4.336E-11	-4.965E-08	1.426E-08	1.636E-13	5.783E-14
227	5	69.00	2	1.305E+02	1.891E-01	2.145E+01	4.346E-11	-4.944E-08	1.425E-08	1.636E-13	5.781E-14
227	5	69.00	3	1.305E+02	1.891E-01	-2.145E+01	2.094E-12	2.913E-08	2.995E-08	1.636E-13	-5.781E-14
227	5	69.00	4	1.305E+02	1.891E-01	-2.142E+01	2.195E-12	2.934E-08	2.995E-08	1.636E-13	-5.783E-14
227	5	69.00	5	1.412E+02	2.046E-01	2.142E+01	4.322E-11	-4.945E-08	1.428E-08	1.636E-13	5.783E-14
227	5	69.00	6	1.412E+02	2.046E-01	2.145E+01	4.332E-11	-4.924E-08	1.428E-08	1.636E-13	5.781E-14
227	5	69.00	7	1.412E+02	2.046E-01	-2.145E+01	1.959E-12	2.934E-08	2.998E-08	1.636E-13	-5.781E-14
227	5	69.00	8	1.412E+02	2.046E-01	-2.142E+01	2.061E-12	2.955E-08	2.997E-08	1.636E-13	-5.783E-14
227	5	69.00	9	-1.412E+02	-2.046E-01	2.142E+01	3.113E-12	-2.860E-08	8.664E-09	1.637E-13	5.783E-14
227	5	69.00	10	-1.412E+02	-2.046E-01	2.145E+01	3.215E-12	-2.839E-08	8.660E-09	1.637E-13	5.781E-14
227	5	69.00	11	-1.412E+02	-2.046E-01	-2.145E+01	-3.815E-11	5.018E-08	2.436E-08	1.637E-13	-5.781E-14

227	5	69.00	12	-1.412E+02	-2.046E-01	-2.142E+01	-3.805E-11	5.040E-08	2.435E-08	1.637E-13	-5.783E-14
227	5	69.00	13	-1.305E+02	-1.891E-01	2.142E+01	2.979E-12	-2.840E-08	8.691E-09	1.637E-13	5.783E-14
227	5	69.00	14	-1.305E+02	-1.891E-01	2.145E+01	3.081E-12	-2.819E-08	8.688E-09	1.637E-13	5.781E-14
227	5	69.00	15	-1.305E+02	-1.891E-01	-2.145E+01	-3.828E-11	5.039E-08	2.439E-08	1.637E-13	-5.781E-14
227	5	69.00	16	-1.305E+02	-1.891E-01	-2.142E+01	-3.818E-11	5.060E-08	2.438E-08	1.637E-13	-5.783E-14
515	1	0.00	1	1.055E+04	2.635E+03	-1.943E+03	1.258E+04	-2.891E+05	-3.205E+02	0.000E+00	0.000E+00
515	1	0.00	2	1.055E+04	2.635E+03	-1.977E+03	1.315E+04	-2.944E+05	-3.264E+02	0.000E+00	0.000E+00
515	1	0.00	3	1.055E+04	2.631E+03	1.538E+03	-1.317E+04	2.406E+05	2.672E+02	0.000E+00	0.000E+00
515	1	0.00	4	1.055E+04	2.631E+03	1.504E+03	-1.260E+04	2.353E+05	2.613E+02	0.000E+00	0.000E+00
515	1	0.00	5	1.055E+04	2.635E+03	-1.504E+03	1.260E+04	-2.223E+05	-2.467E+02	0.000E+00	0.000E+00
515	1	0.00	6	1.055E+04	2.635E+03	-1.538E+03	1.317E+04	-2.276E+05	-2.526E+02	0.000E+00	0.000E+00
515	1	0.00	7	1.055E+04	2.631E+03	1.977E+03	-1.315E+04	3.074E+05	3.410E+02	0.000E+00	0.000E+00
515	1	0.00	8	1.055E+04	2.631E+03	1.943E+03	-1.258E+04	3.022E+05	3.351E+02	0.000E+00	0.000E+00
515	1	0.00	9	1.298E+04	2.635E+03	-1.943E+03	1.258E+04	-2.876E+05	-3.188E+02	0.000E+00	0.000E+00
515	1	0.00	10	1.298E+04	2.635E+03	-1.977E+03	1.315E+04	-2.929E+05	-3.247E+02	0.000E+00	0.000E+00
515	1	0.00	11	1.298E+04	2.631E+03	1.538E+03	-1.317E+04	2.421E+05	2.689E+02	0.000E+00	0.000E+00
515	1	0.00	12	1.298E+04	2.631E+03	1.504E+03	-1.260E+04	2.369E+05	2.630E+02	0.000E+00	0.000E+00
515	1	0.00	13	1.298E+04	2.635E+03	-1.504E+03	1.260E+04	-2.208E+05	-2.450E+02	0.000E+00	0.000E+00
515	1	0.00	14	1.298E+04	2.635E+03	-1.538E+03	1.317E+04	-2.261E+05	-2.509E+02	0.000E+00	0.000E+00
515	1	0.00	15	1.298E+04	2.631E+03	1.977E+03	-1.315E+04	3.090E+05	3.427E+02	0.000E+00	0.000E+00
515	1	0.00	16	1.298E+04	2.631E+03	1.943E+03	-1.258E+04	3.037E+05	3.368E+02	0.000E+00	0.000E+00
515	2	76.10	1	1.055E+04	1.319E+03	-1.943E+03	1.258E+04	-1.413E+05	1.501E+05	-7.350E-03	-4.074E-03
515	2	76.10	2	1.055E+04	1.319E+03	-1.977E+03	1.315E+04	-1.440E+05	1.501E+05	-7.350E-03	-4.157E-03
515	2	76.10	3	1.055E+04	1.315E+03	1.538E+03	-1.317E+04	1.236E+05	1.504E+05	-7.355E-03	4.336E-03
515	2	76.10	4	1.055E+04	1.315E+03	1.504E+03	-1.260E+04	1.209E+05	1.504E+05	-7.355E-03	4.253E-03
515	2	76.10	5	1.055E+04	1.318E+03	-1.504E+03	1.260E+04	-1.079E+05	1.502E+05	-7.351E-03	-3.013E-03
515	2	76.10	6	1.055E+04	1.318E+03	-1.538E+03	1.317E+04	-1.105E+05	1.502E+05	-7.351E-03	-3.096E-03
515	2	76.10	7	1.055E+04	1.314E+03	1.977E+03	-1.315E+04	1.570E+05	1.505E+05	-7.355E-03	5.397E-03
515	2	76.10	8	1.055E+04	1.314E+03	1.943E+03	-1.258E+04	1.543E+05	1.505E+05	-7.355E-03	5.313E-03
515	2	76.10	9	1.298E+04	1.319E+03	-1.943E+03	1.258E+04	-1.398E+05	1.501E+05	-7.350E-03	-3.929E-03
515	2	76.10	10	1.298E+04	1.319E+03	-1.977E+03	1.315E+04	-1.424E+05	1.501E+05	-7.350E-03	-4.013E-03
515	2	76.10	11	1.298E+04	1.315E+03	1.538E+03	-1.317E+04	1.251E+05	1.504E+05	-7.355E-03	4.481E-03
515	2	76.10	12	1.298E+04	1.315E+03	1.504E+03	-1.260E+04	1.224E+05	1.504E+05	-7.355E-03	4.397E-03
515	2	76.10	13	1.298E+04	1.318E+03	-1.504E+03	1.260E+04	-1.064E+05	1.502E+05	-7.351E-03	-2.868E-03
515	2	76.10	14	1.298E+04	1.318E+03	-1.538E+03	1.317E+04	-1.090E+05	1.502E+05	-7.351E-03	-2.952E-03
515	2	76.10	15	1.298E+04	1.314E+03	1.977E+03	-1.315E+04	1.585E+05	1.505E+05	-7.355E-03	5.542E-03
515	2	76.10	16	1.298E+04	1.314E+03	1.943E+03	-1.258E+04	1.559E+05	1.505E+05	-7.355E-03	5.458E-03
515	3	152.20	1	1.055E+04	2.154E+00	-1.943E+03	1.258E+04	6.508E+03	2.004E+05	-1.027E-02	8.265E-04
515	3	152.20	2	1.055E+04	2.193E+00	-1.977E+03	1.315E+04	6.508E+03	2.004E+05	-1.027E-02	8.265E-04
515	3	152.20	3	1.055E+04	-1.707E+00	1.538E+03	-1.317E+04	6.508E+03	2.004E+05	-1.027E-02	8.265E-04
515	3	152.20	4	1.055E+04	-1.669E+00	1.504E+03	-1.260E+04	6.508E+03	2.004E+05	-1.027E-02	8.265E-04
515	3	152.20	5	1.055E+04	1.669E+00	-1.504E+03	1.260E+04	6.508E+03	2.004E+05	-1.027E-02	8.265E-04
515	3	152.20	6	1.055E+04	1.707E+00	-1.538E+03	1.317E+04	6.508E+03	2.004E+05	-1.027E-02	8.265E-04
515	3	152.20	7	1.055E+04	-2.193E+00	1.977E+03	-1.315E+04	6.508E+03	2.004E+05	-1.027E-02	8.265E-04
515	3	152.20	8	1.055E+04	-2.154E+00	1.943E+03	-1.258E+04	6.508E+03	2.004E+05	-1.027E-02	8.265E-04
515	3	152.20	9	1.298E+04	2.154E+00	-1.943E+03	1.258E+04	8.027E+03	2.004E+05	-1.027E-02	1.019E-03
515	3	152.20	10	1.298E+04	2.193E+00	-1.977E+03	1.315E+04	8.027E+03	2.004E+05	-1.027E-02	1.019E-03
515	3	152.20	11	1.298E+04	-1.707E+00	1.538E+03	-1.317E+04	8.027E+03	2.004E+05	-1.027E-02	1.019E-03
515	3	152.20	12	1.298E+04	-1.669E+00	1.504E+03	-1.260E+04	8.027E+03	2.004E+05	-1.027E-02	1.019E-03
515	3	152.20	13	1.298E+04	1.669E+00	-1.504E+03	1.260E+04	8.027E+03	2.004E+05	-1.027E-02	1.019E-03
515	3	152.20	14	1.298E+04	1.707E+00	-1.538E+03	1.317E+04	8.027E+03	2.004E+05	-1.027E-02	1.019E-03
515	3	152.20	15	1.298E+04	-2.193E+00	1.977E+03	-1.315E+04	8.027E+03	2.004E+05	-1.027E-02	1.019E-03
515	3	152.20	16	1.298E+04	-2.154E+00	1.943E+03	-1.258E+04	8.027E+03	2.004E+05	-1.027E-02	1.019E-03
515	4	228.30	1	1.055E+04	-1.314E+03	-1.943E+03	1.258E+04	1.543E+05	1.505E+05	-7.355E-03	5.313E-03
515	4	228.30	2	1.055E+04	-1.314E+03	-1.977E+03	1.315E+04	1.570E+05	1.505E+05	-7.355E-03	5.397E-03
515	4	228.30	3	1.055E+04	-1.318E+03	1.538E+03	-1.317E+04	-1.105E+05	1.502E+05	-7.351E-03	-3.096E-03
515	4	228.30	4	1.055E+04	-1.318E+03	1.504E+03	-1.260E+04	-1.079E+05	1.502E+05	-7.351E-03	-3.013E-03
515	4	228.30	5	1.055E+04	-1.315E+03	-1.504E+03	1.260E+04	1.209E+05	1.504E+05	-7.355E-03	4.253E-03
515	4	228.30	6	1.055E+04	-1.315E+03	-1.538E+03	1.317E+04	1.236E+05	1.504E+05	-7.355E-03	4.336E-03
515	4	228.30	7	1.055E+04	-1.319E+03	1.977E+03	-1.315E+04	-1.440E+05	1.501E+05	-7.350E-03	-4.157E-03
515	4	228.30	8	1.055E+04	-1.319E+03	1.943E+03	-1.258E+04	-1.413E+05	1.501E+05	-7.350E-03	-4.074E-03
515	4	228.30	9	1.298E+04	-1.314E+03	-1.943E+03	1.258E+04	1.559E+05	1.505E+05	-7.355E-03	5.458E-03

515	4	228.30	10	1.298E+04	-1.314E+03	-1.977E+03	1.315E+04	1.585E+05	1.505E+05	-7.355E-03	5.542E-03
515	4	228.30	11	1.298E+04	-1.318E+03	1.538E+03	-1.317E+04	-1.090E+05	1.502E+05	-7.351E-03	-2.952E-03
515	4	228.30	12	1.298E+04	-1.318E+03	1.504E+03	-1.260E+04	-1.064E+05	1.502E+05	-7.351E-03	-2.868E-03
515	4	228.30	13	1.298E+04	-1.315E+03	-1.504E+03	1.260E+04	1.224E+05	1.504E+05	-7.355E-03	4.397E-03
515	4	228.30	14	1.298E+04	-1.315E+03	-1.538E+03	1.317E+04	1.251E+05	1.504E+05	-7.355E-03	4.481E-03
515	4	228.30	15	1.298E+04	-1.319E+03	1.977E+03	-1.315E+04	-1.424E+05	1.501E+05	-7.350E-03	-4.013E-03
515	4	228.30	16	1.298E+04	-1.319E+03	1.943E+03	-1.258E+04	-1.398E+05	1.501E+05	-7.350E-03	-3.929E-03
515	5	304.40	1	1.055E+04	-2.631E+03	-1.943E+03	1.258E+04	3.022E+05	3.351E+02	-6.381E-11	4.765E-10
515	5	304.40	2	1.055E+04	-2.631E+03	-1.977E+03	1.315E+04	3.074E+05	3.410E+02	-6.382E-11	5.435E-10
515	5	304.40	3	1.055E+04	-2.635E+03	1.538E+03	-1.317E+04	-2.276E+05	-2.526E+02	-6.241E-11	-1.471E-09
515	5	304.40	4	1.055E+04	-2.635E+03	1.504E+03	-1.260E+04	-2.223E+05	-2.467E+02	-6.241E-11	-1.404E-09
515	5	304.40	5	1.055E+04	-2.631E+03	-1.504E+03	1.260E+04	2.353E+05	2.613E+02	-6.364E-11	1.394E-09
515	5	304.40	6	1.055E+04	-2.631E+03	-1.538E+03	1.317E+04	2.406E+05	2.672E+02	-6.365E-11	1.461E-09
515	5	304.40	7	1.055E+04	-2.635E+03	1.977E+03	-1.315E+04	-2.944E+05	-3.264E+02	-6.224E-11	-5.537E-10
515	5	304.40	8	1.055E+04	-2.635E+03	1.943E+03	-1.258E+04	-2.891E+05	-3.205E+02	-6.224E-11	-4.867E-10
515	5	304.40	9	1.298E+04	-2.631E+03	-1.943E+03	1.258E+04	3.037E+05	3.368E+02	-6.383E-11	5.195E-10
515	5	304.40	10	1.298E+04	-2.631E+03	-1.977E+03	1.315E+04	3.090E+05	3.427E+02	-6.384E-11	5.865E-10
515	5	304.40	11	1.298E+04	-2.635E+03	1.538E+03	-1.317E+04	-2.261E+05	-2.509E+02	-6.243E-11	-1.428E-09
515	5	304.40	12	1.298E+04	-2.635E+03	1.504E+03	-1.260E+04	-2.208E+05	-2.450E+02	-6.243E-11	-1.362E-09
515	5	304.40	13	1.298E+04	-2.631E+03	-1.504E+03	1.260E+04	2.369E+05	2.630E+02	-6.366E-11	1.437E-09
515	5	304.40	14	1.298E+04	-2.631E+03	-1.538E+03	1.317E+04	2.421E+05	2.689E+02	-6.367E-11	1.504E-09
515	5	304.40	15	1.298E+04	-2.635E+03	1.977E+03	-1.315E+04	-2.929E+05	-3.247E+02	-6.226E-11	-5.107E-10
515	5	304.40	16	1.298E+04	-2.635E+03	1.943E+03	-1.258E+04	-2.876E+05	-3.188E+02	-6.226E-11	-4.437E-10
516	1	0.00	1	1.232E+04	2.632E+03	1.357E+03	1.261E+04	1.988E+05	2.194E+02	0.000E+00	0.000E+00
516	1	0.00	2	1.232E+04	2.632E+03	1.364E+03	1.318E+04	1.999E+05	2.206E+02	0.000E+00	0.000E+00
516	1	0.00	3	1.232E+04	2.635E+03	-1.804E+03	-1.315E+04	-2.823E+05	-3.115E+02	0.000E+00	0.000E+00
516	1	0.00	4	1.232E+04	2.635E+03	-1.797E+03	-1.258E+04	-2.812E+05	-3.102E+02	0.000E+00	0.000E+00
516	1	0.00	5	1.232E+04	2.631E+03	1.797E+03	1.258E+04	2.657E+05	2.934E+02	0.000E+00	0.000E+00
516	1	0.00	6	1.232E+04	2.631E+03	1.804E+03	1.315E+04	2.668E+05	2.946E+02	0.000E+00	0.000E+00
516	1	0.00	7	1.232E+04	2.635E+03	-1.364E+03	-1.318E+04	-2.154E+05	-2.375E+02	0.000E+00	0.000E+00
516	1	0.00	8	1.232E+04	2.635E+03	-1.357E+03	-1.261E+04	-2.142E+05	-2.362E+02	0.000E+00	0.000E+00
516	1	0.00	9	1.078E+04	2.632E+03	1.357E+03	1.261E+04	1.997E+05	2.204E+02	0.000E+00	0.000E+00
516	1	0.00	10	1.078E+04	2.632E+03	1.364E+03	1.318E+04	2.009E+05	2.217E+02	0.000E+00	0.000E+00
516	1	0.00	11	1.078E+04	2.635E+03	-1.804E+03	-1.315E+04	-2.814E+05	-3.104E+02	0.000E+00	0.000E+00
516	1	0.00	12	1.078E+04	2.635E+03	-1.797E+03	-1.258E+04	-2.802E+05	-3.092E+02	0.000E+00	0.000E+00
516	1	0.00	13	1.078E+04	2.631E+03	1.797E+03	1.258E+04	2.667E+05	2.944E+02	0.000E+00	0.000E+00
516	1	0.00	14	1.078E+04	2.631E+03	1.804E+03	1.315E+04	2.678E+05	2.957E+02	0.000E+00	0.000E+00
516	1	0.00	15	1.078E+04	2.635E+03	-1.364E+03	-1.318E+04	-2.144E+05	-2.364E+02	0.000E+00	0.000E+00
516	1	0.00	16	1.078E+04	2.635E+03	-1.357E+03	-1.261E+04	-2.133E+05	-2.352E+02	0.000E+00	0.000E+00
516	2	76.10	1	1.232E+04	1.315E+03	1.357E+03	1.261E+04	9.551E+04	1.504E+05	-7.354E-03	2.541E-03
516	2	76.10	2	1.232E+04	1.315E+03	1.364E+03	1.318E+04	9.608E+04	1.504E+05	-7.354E-03	2.559E-03
516	2	76.10	3	1.232E+04	1.319E+03	-1.804E+03	-1.315E+04	-1.450E+05	1.501E+05	-7.350E-03	-5.096E-03
516	2	76.10	4	1.232E+04	1.319E+03	-1.797E+03	-1.258E+04	-1.445E+05	1.501E+05	-7.350E-03	-5.078E-03
516	2	76.10	5	1.232E+04	1.315E+03	1.797E+03	1.258E+04	1.290E+05	1.504E+05	-7.354E-03	3.604E-03
516	2	76.10	6	1.232E+04	1.315E+03	1.804E+03	1.315E+04	1.296E+05	1.504E+05	-7.354E-03	3.622E-03
516	2	76.10	7	1.232E+04	1.318E+03	-1.364E+03	-1.318E+04	-1.116E+05	1.502E+05	-7.350E-03	-4.033E-03
516	2	76.10	8	1.232E+04	1.318E+03	-1.357E+03	-1.261E+04	-1.110E+05	1.502E+05	-7.350E-03	-4.015E-03
516	2	76.10	9	1.078E+04	1.315E+03	1.357E+03	1.261E+04	9.648E+04	1.504E+05	-7.354E-03	2.633E-03
516	2	76.10	10	1.078E+04	1.315E+03	1.364E+03	1.318E+04	9.704E+04	1.504E+05	-7.354E-03	2.651E-03
516	2	76.10	11	1.078E+04	1.319E+03	-1.804E+03	-1.315E+04	-1.441E+05	1.501E+05	-7.350E-03	-5.004E-03
516	2	76.10	12	1.078E+04	1.319E+03	-1.797E+03	-1.258E+04	-1.435E+05	1.501E+05	-7.350E-03	-4.986E-03
516	2	76.10	13	1.078E+04	1.315E+03	1.797E+03	1.258E+04	1.299E+05	1.504E+05	-7.354E-03	3.696E-03
516	2	76.10	14	1.078E+04	1.315E+03	1.804E+03	1.315E+04	1.305E+05	1.504E+05	-7.354E-03	3.714E-03
516	2	76.10	15	1.078E+04	1.318E+03	-1.364E+03	-1.318E+04	-1.106E+05	1.502E+05	-7.350E-03	-3.941E-03
516	2	76.10	16	1.078E+04	1.318E+03	-1.357E+03	-1.261E+04	-1.100E+05	1.502E+05	-7.351E-03	-3.923E-03
516	3	152.20	1	1.232E+04	-1.497E+00	1.357E+03	1.261E+04	-7.736E+03	2.004E+05	-1.027E-02	-9.825E-04
516	3	152.20	2	1.232E+04	-1.505E+00	1.364E+03	1.318E+04	-7.736E+03	2.004E+05	-1.027E-02	-9.825E-04
516	3	152.20	3	1.232E+04	1.991E+00	-1.804E+03	-1.315E+04	-7.736E+03	2.004E+05	-1.027E-02	-9.825E-04
516	3	152.20	4	1.232E+04	1.983E+00	-1.797E+03	-1.258E+04	-7.736E+03	2.004E+05	-1.027E-02	-9.825E-04
516	3	152.20	5	1.232E+04	-1.983E+00	1.797E+03	1.258E+04	-7.736E+03	2.004E+05	-1.027E-02	-9.825E-04
516	3	152.20	6	1.232E+04	-1.991E+00	1.804E+03	1.315E+04	-7.736E+03	2.004E+05	-1.027E-02	-9.825E-04
516	3	152.20	7	1.232E+04	1.505E+00	-1.364E+03	-1.318E+04	-7.736E+03	2.004E+05	-1.027E-02	-9.825E-04

516	3	152.20	8	1.232E+04	1.497E+00	-1.357E+03	-1.261E+04	-7.736E+03	2.004E+05	-1.027E-02	-9.825E-04
516	3	152.20	9	1.078E+04	-1.497E+00	1.357E+03	1.261E+04	-6.775E+03	2.004E+05	-1.027E-02	-8.604E-04
516	3	152.20	10	1.078E+04	-1.505E+00	1.364E+03	1.318E+04	-6.775E+03	2.004E+05	-1.027E-02	-8.604E-04
516	3	152.20	11	1.078E+04	1.991E+00	-1.804E+03	-1.315E+04	-6.775E+03	2.004E+05	-1.027E-02	-8.604E-04
516	3	152.20	12	1.078E+04	1.983E+00	-1.797E+03	-1.258E+04	-6.775E+03	2.004E+05	-1.027E-02	-8.604E-04
516	3	152.20	13	1.078E+04	-1.983E+00	1.797E+03	1.258E+04	-6.775E+03	2.004E+05	-1.027E-02	-8.604E-04
516	3	152.20	14	1.078E+04	-1.991E+00	1.804E+03	1.315E+04	-6.775E+03	2.004E+05	-1.027E-02	-8.604E-04
516	3	152.20	15	1.078E+04	1.505E+00	-1.364E+03	-1.318E+04	-6.775E+03	2.004E+05	-1.027E-02	-8.604E-04
516	3	152.20	16	1.078E+04	1.497E+00	-1.357E+03	-1.261E+04	-6.775E+03	2.004E+05	-1.027E-02	-8.604E-04
516	4	228.30	1	1.232E+04	-1.318E+03	1.357E+03	1.261E+04	-1.110E+05	1.502E+05	-7.350E-03	-4.015E-03
516	4	228.30	2	1.232E+04	-1.318E+03	1.364E+03	1.318E+04	-1.116E+05	1.502E+05	-7.350E-03	-4.033E-03
516	4	228.30	3	1.232E+04	-1.315E+03	-1.804E+03	-1.315E+04	1.296E+05	1.504E+05	-7.354E-03	3.622E-03
516	4	228.30	4	1.232E+04	-1.315E+03	-1.797E+03	-1.258E+04	1.290E+05	1.504E+05	-7.354E-03	3.604E-03
516	4	228.30	5	1.232E+04	-1.319E+03	1.797E+03	1.258E+04	-1.445E+05	1.501E+05	-7.350E-03	-5.078E-03
516	4	228.30	6	1.232E+04	-1.319E+03	1.804E+03	1.315E+04	-1.450E+05	1.501E+05	-7.350E-03	-5.096E-03
516	4	228.30	7	1.232E+04	-1.315E+03	-1.364E+03	-1.318E+04	9.608E+04	1.504E+05	-7.354E-03	2.559E-03
516	4	228.30	8	1.232E+04	-1.315E+03	-1.357E+03	-1.261E+04	9.551E+04	1.504E+05	-7.354E-03	2.541E-03
516	4	228.30	9	1.078E+04	-1.318E+03	1.357E+03	1.261E+04	-1.100E+05	1.502E+05	-7.351E-03	-3.923E-03
516	4	228.30	10	1.078E+04	-1.318E+03	1.364E+03	1.318E+04	-1.106E+05	1.502E+05	-7.350E-03	-3.941E-03
516	4	228.30	11	1.078E+04	-1.315E+03	-1.804E+03	-1.315E+04	1.305E+05	1.504E+05	-7.354E-03	3.714E-03
516	4	228.30	12	1.078E+04	-1.315E+03	-1.797E+03	-1.258E+04	1.299E+05	1.504E+05	-7.354E-03	3.696E-03
516	4	228.30	13	1.078E+04	-1.319E+03	1.797E+03	1.258E+04	-1.435E+05	1.501E+05	-7.350E-03	-4.986E-03
516	4	228.30	14	1.078E+04	-1.319E+03	1.804E+03	1.315E+04	-1.441E+05	1.501E+05	-7.350E-03	-5.004E-03
516	4	228.30	15	1.078E+04	-1.315E+03	-1.364E+03	-1.318E+04	9.704E+04	1.504E+05	-7.354E-03	2.651E-03
516	4	228.30	16	1.078E+04	-1.315E+03	-1.357E+03	-1.261E+04	9.648E+04	1.504E+05	-7.354E-03	2.633E-03
516	5	304.40	1	1.232E+04	-2.635E+03	1.357E+03	1.261E+04	-2.142E+05	-2.362E+02	-4.690E-10	-1.590E-09
516	5	304.40	2	1.232E+04	-2.635E+03	1.364E+03	1.318E+04	-2.154E+05	-2.375E+02	-4.690E-10	-1.592E-09
516	5	304.40	3	1.232E+04	-2.631E+03	-1.804E+03	-1.315E+04	2.668E+05	2.946E+02	-4.677E-10	1.646E-09
516	5	304.40	4	1.232E+04	-2.631E+03	-1.797E+03	-1.258E+04	2.657E+05	2.934E+02	-4.677E-10	1.644E-09
516	5	304.40	5	1.232E+04	-2.635E+03	1.797E+03	1.258E+04	-2.812E+05	-3.102E+02	-4.691E-10	-1.762E-09
516	5	304.40	6	1.232E+04	-2.635E+03	1.804E+03	1.315E+04	-2.823E+05	-3.115E+02	-4.691E-10	-1.764E-09
516	5	304.40	7	1.232E+04	-2.632E+03	-1.364E+03	-1.318E+04	1.999E+05	2.206E+02	-4.678E-10	1.474E-09
516	5	304.40	8	1.232E+04	-2.632E+03	-1.357E+03	-1.261E+04	1.988E+05	2.194E+02	-4.678E-10	1.472E-09
516	5	304.40	9	1.078E+04	-2.635E+03	1.357E+03	1.261E+04	-2.133E+05	-2.352E+02	-4.690E-10	-1.557E-09
516	5	304.40	10	1.078E+04	-2.635E+03	1.364E+03	1.318E+04	-2.144E+05	-2.364E+02	-4.690E-10	-1.559E-09
516	5	304.40	11	1.078E+04	-2.631E+03	-1.804E+03	-1.315E+04	2.678E+05	2.957E+02	-4.677E-10	1.679E-09
516	5	304.40	12	1.078E+04	-2.631E+03	-1.797E+03	-1.258E+04	2.667E+05	2.944E+02	-4.677E-10	1.676E-09
516	5	304.40	13	1.078E+04	-2.635E+03	1.797E+03	1.258E+04	-2.802E+05	-3.092E+02	-4.691E-10	-1.729E-09
516	5	304.40	14	1.078E+04	-2.635E+03	1.804E+03	1.315E+04	-2.814E+05	-3.104E+02	-4.691E-10	-1.732E-09
516	5	304.40	15	1.078E+04	-2.632E+03	-1.364E+03	-1.318E+04	2.009E+05	2.217E+02	-4.678E-10	1.507E-09
516	5	304.40	16	1.078E+04	-2.632E+03	-1.357E+03	-1.261E+04	1.997E+05	2.204E+02	-4.678E-10	1.504E-09
736	1	0.00	1	1.162E+03	7.379E+03	-5.924E+02	4.782E+03	-8.893E+04	-7.315E+01	0.000E+00	0.000E+00
736	1	0.00	2	1.162E+03	7.379E+03	-6.029E+02	5.000E+03	-9.053E+04	-7.484E+01	0.000E+00	0.000E+00
736	1	0.00	3	1.162E+03	7.377E+03	4.639E+02	-5.006E+03	7.185E+04	9.793E+01	0.000E+00	0.000E+00
736	1	0.00	4	1.162E+03	7.377E+03	4.534E+02	-4.788E+03	7.025E+04	9.625E+01	0.000E+00	0.000E+00
736	1	0.00	5	1.162E+03	7.378E+03	-4.534E+02	4.788E+03	-6.777E+04	-5.825E+01	0.000E+00	0.000E+00
736	1	0.00	6	1.162E+03	7.378E+03	-4.639E+02	5.006E+03	-6.937E+04	-5.994E+01	0.000E+00	0.000E+00
736	1	0.00	7	1.162E+03	7.377E+03	6.029E+02	-5.000E+03	9.301E+04	1.128E+02	0.000E+00	0.000E+00
736	1	0.00	8	1.162E+03	7.377E+03	5.924E+02	-4.782E+03	9.141E+04	1.111E+02	0.000E+00	0.000E+00
736	1	0.00	9	1.431E+03	7.379E+03	-5.924E+02	4.782E+03	-8.863E+04	-6.871E+01	0.000E+00	0.000E+00
736	1	0.00	10	1.431E+03	7.379E+03	-6.029E+02	5.000E+03	-9.023E+04	-7.040E+01	0.000E+00	0.000E+00
736	1	0.00	11	1.431E+03	7.377E+03	4.639E+02	-5.006E+03	7.215E+04	1.024E+02	0.000E+00	0.000E+00
736	1	0.00	12	1.431E+03	7.377E+03	4.534E+02	-4.788E+03	7.055E+04	1.007E+02	0.000E+00	0.000E+00
736	1	0.00	13	1.431E+03	7.378E+03	-4.534E+02	4.788E+03	-6.748E+04	-5.381E+01	0.000E+00	0.000E+00
736	1	0.00	14	1.431E+03	7.378E+03	-4.639E+02	5.006E+03	-6.908E+04	-5.550E+01	0.000E+00	0.000E+00
736	1	0.00	15	1.431E+03	7.377E+03	6.029E+02	-5.000E+03	9.330E+04	1.173E+02	0.000E+00	0.000E+00
736	1	0.00	16	1.431E+03	7.377E+03	5.924E+02	-4.782E+03	9.170E+04	1.156E+02	0.000E+00	0.000E+00
736	2	76.10	1	1.162E+03	3.690E+03	-5.924E+02	4.782E+03	-4.384E+04	4.211E+05	-2.143E-02	-4.611E-03
736	2	76.10	2	1.162E+03	3.690E+03	-6.029E+02	5.000E+03	-4.464E+04	4.211E+05	-2.143E-02	-4.700E-03
736	2	76.10	3	1.162E+03	3.688E+03	4.639E+02	-5.006E+03	3.654E+04	4.212E+05	-2.143E-02	4.350E-03
736	2	76.10	4	1.162E+03	3.688E+03	4.534E+02	-4.788E+03	3.574E+04	4.212E+05	-2.143E-02	4.261E-03
736	2	76.10	5	1.162E+03	3.689E+03	-4.534E+02	4.788E+03	-3.327E+04	4.211E+05	-2.143E-02	-3.432E-03

736	2	76.10	6	1.162E+03	3.689E+03	-4.639E+02	5.006E+03	-3.407E+04	4.211E+05	-2.143E-02	-3.521E-03
736	2	76.10	7	1.162E+03	3.688E+03	6.029E+02	-5.000E+03	4.712E+04	4.212E+05	-2.143E-02	5.529E-03
736	2	76.10	8	1.162E+03	3.688E+03	5.924E+02	-4.782E+03	4.632E+04	4.212E+05	-2.143E-02	5.440E-03
736	2	76.10	9	1.431E+03	3.690E+03	-5.924E+02	4.782E+03	-4.355E+04	4.211E+05	-2.143E-02	-4.512E-03
736	2	76.10	10	1.431E+03	3.690E+03	-6.029E+02	5.000E+03	-4.435E+04	4.211E+05	-2.143E-02	-4.601E-03
736	2	76.10	11	1.431E+03	3.688E+03	4.639E+02	-5.006E+03	3.684E+04	4.212E+05	-2.143E-02	4.449E-03
736	2	76.10	12	1.431E+03	3.688E+03	4.534E+02	-4.788E+03	3.604E+04	4.212E+05	-2.143E-02	4.360E-03
736	2	76.10	13	1.431E+03	3.689E+03	-4.534E+02	4.788E+03	-3.297E+04	4.211E+05	-2.143E-02	-3.332E-03
736	2	76.10	14	1.431E+03	3.689E+03	-4.639E+02	5.006E+03	-3.377E+04	4.211E+05	-2.143E-02	-3.422E-03
736	2	76.10	15	1.431E+03	3.688E+03	6.029E+02	-5.000E+03	4.742E+04	4.212E+05	-2.143E-02	5.628E-03
736	2	76.10	16	1.431E+03	3.688E+03	5.924E+02	-4.782E+03	4.662E+04	4.212E+05	-2.143E-02	5.539E-03
736	3	152.20	1	1.162E+03	6.055E-01	-5.924E+02	4.782E+03	1.239E+03	5.615E+05	-2.990E-02	5.523E-04
736	3	152.20	2	1.162E+03	6.165E-01	-6.029E+02	5.000E+03	1.239E+03	5.615E+05	-2.990E-02	5.523E-04
736	3	152.20	3	1.162E+03	-5.186E-01	4.639E+02	-5.006E+03	1.239E+03	5.615E+05	-2.990E-02	5.523E-04
736	3	152.20	4	1.162E+03	-5.076E-01	4.534E+02	-4.788E+03	1.239E+03	5.615E+05	-2.990E-02	5.523E-04
736	3	152.20	5	1.162E+03	5.076E-01	-4.534E+02	4.788E+03	1.239E+03	5.615E+05	-2.990E-02	5.523E-04
736	3	152.20	6	1.162E+03	5.186E-01	-4.639E+02	5.006E+03	1.239E+03	5.615E+05	-2.990E-02	5.523E-04
736	3	152.20	7	1.162E+03	-6.165E-01	6.029E+02	-5.000E+03	1.239E+03	5.615E+05	-2.990E-02	5.523E-04
736	3	152.20	8	1.162E+03	-6.055E-01	5.924E+02	-4.782E+03	1.239E+03	5.615E+05	-2.990E-02	5.523E-04
736	3	152.20	9	1.431E+03	6.055E-01	-5.924E+02	4.782E+03	1.537E+03	5.615E+05	-2.990E-02	6.852E-04
736	3	152.20	10	1.431E+03	6.165E-01	-6.029E+02	5.000E+03	1.537E+03	5.615E+05	-2.990E-02	6.852E-04
736	3	152.20	11	1.431E+03	-5.186E-01	4.639E+02	-5.006E+03	1.537E+03	5.615E+05	-2.990E-02	6.852E-04
736	3	152.20	12	1.431E+03	-5.076E-01	4.534E+02	-4.788E+03	1.537E+03	5.615E+05	-2.990E-02	6.852E-04
736	3	152.20	13	1.431E+03	5.076E-01	-4.534E+02	4.788E+03	1.537E+03	5.615E+05	-2.990E-02	6.852E-04
736	3	152.20	14	1.431E+03	5.186E-01	-4.639E+02	5.006E+03	1.537E+03	5.615E+05	-2.990E-02	6.852E-04
736	3	152.20	15	1.431E+03	-6.165E-01	6.029E+02	-5.000E+03	1.537E+03	5.615E+05	-2.990E-02	6.852E-04
736	3	152.20	16	1.431E+03	-6.055E-01	5.924E+02	-4.782E+03	1.537E+03	5.615E+05	-2.990E-02	6.852E-04
736	4	228.30	1	1.162E+03	-3.688E+03	-5.924E+02	4.782E+03	4.632E+04	4.212E+05	-2.143E-02	5.440E-03
736	4	228.30	2	1.162E+03	-3.688E+03	-6.029E+02	5.000E+03	4.712E+04	4.212E+05	-2.143E-02	5.529E-03
736	4	228.30	3	1.162E+03	-3.689E+03	4.639E+02	-5.006E+03	-3.407E+04	4.211E+05	-2.143E-02	-3.521E-03
736	4	228.30	4	1.162E+03	-3.689E+03	4.534E+02	-4.788E+03	-3.327E+04	4.211E+05	-2.143E-02	-3.432E-03
736	4	228.30	5	1.162E+03	-3.688E+03	-4.534E+02	4.788E+03	3.574E+04	4.212E+05	-2.143E-02	4.261E-03
736	4	228.30	6	1.162E+03	-3.688E+03	-4.639E+02	5.006E+03	3.654E+04	4.212E+05	-2.143E-02	4.350E-03
736	4	228.30	7	1.162E+03	-3.690E+03	6.029E+02	-5.000E+03	-4.464E+04	4.211E+05	-2.143E-02	-4.700E-03
736	4	228.30	8	1.162E+03	-3.690E+03	5.924E+02	-4.782E+03	-4.384E+04	4.211E+05	-2.143E-02	-4.611E-03
736	4	228.30	9	1.431E+03	-3.688E+03	-5.924E+02	4.782E+03	4.662E+04	4.212E+05	-2.143E-02	5.539E-03
736	4	228.30	10	1.431E+03	-3.688E+03	-6.029E+02	5.000E+03	4.742E+04	4.212E+05	-2.143E-02	5.628E-03
736	4	228.30	11	1.431E+03	-3.689E+03	4.639E+02	-5.006E+03	-3.377E+04	4.211E+05	-2.143E-02	-3.422E-03
736	4	228.30	12	1.431E+03	-3.689E+03	4.534E+02	-4.788E+03	-3.297E+04	4.211E+05	-2.143E-02	-3.332E-03
736	4	228.30	13	1.431E+03	-3.688E+03	-4.534E+02	4.788E+03	3.604E+04	4.212E+05	-2.143E-02	4.360E-03
736	4	228.30	14	1.431E+03	-3.688E+03	-4.639E+02	5.006E+03	3.684E+04	4.212E+05	-2.143E-02	4.449E-03
736	4	228.30	15	1.431E+03	-3.690E+03	6.029E+02	-5.000E+03	-4.435E+04	4.211E+05	-2.143E-02	-4.601E-03
736	4	228.30	16	1.431E+03	-3.690E+03	5.924E+02	-4.782E+03	-4.355E+04	4.211E+05	-2.143E-02	-4.512E-03
736	5	304.40	1	1.162E+03	-7.377E+03	-5.924E+02	4.782E+03	9.141E+04	1.111E+02	-1.041E-09	-8.533E-10
736	5	304.40	2	1.162E+03	-7.377E+03	-6.029E+02	5.000E+03	9.301E+04	1.128E+02	-1.041E-09	-8.931E-10
736	5	304.40	3	1.162E+03	-7.378E+03	4.639E+02	-5.006E+03	-6.937E+04	-5.994E+01	-1.041E-09	4.063E-10
736	5	304.40	4	1.162E+03	-7.378E+03	4.534E+02	-4.788E+03	-6.777E+04	-5.825E+01	-1.041E-09	3.665E-10
736	5	304.40	5	1.162E+03	-7.377E+03	-4.534E+02	4.788E+03	7.025E+04	9.625E+01	-1.041E-09	-4.865E-10
736	5	304.40	6	1.162E+03	-7.377E+03	-4.639E+02	5.006E+03	7.185E+04	9.793E+01	-1.041E-09	-5.264E-10
736	5	304.40	7	1.162E+03	-7.379E+03	6.029E+02	-5.000E+03	-9.053E+04	-7.484E+01	-1.041E-09	7.731E-10
736	5	304.40	8	1.162E+03	-7.379E+03	5.924E+02	-4.782E+03	-8.893E+04	-7.315E+01	-1.041E-09	7.332E-10
736	5	304.40	9	1.431E+03	-7.377E+03	-5.924E+02	4.782E+03	9.170E+04	1.156E+02	-1.041E-09	-8.140E-10
736	5	304.40	10	1.431E+03	-7.377E+03	-6.029E+02	5.000E+03	9.330E+04	1.173E+02	-1.041E-09	-8.539E-10
736	5	304.40	11	1.431E+03	-7.378E+03	4.639E+02	-5.006E+03	-6.908E+04	-5.550E+01	-1.041E-09	4.456E-10
736	5	304.40	12	1.431E+03	-7.378E+03	4.534E+02	-4.788E+03	-6.748E+04	-5.381E+01	-1.041E-09	4.057E-10
736	5	304.40	13	1.431E+03	-7.377E+03	-4.534E+02	4.788E+03	7.055E+04	1.007E+02	-1.041E-09	-4.473E-10
736	5	304.40	14	1.431E+03	-7.377E+03	-4.639E+02	5.006E+03	7.215E+04	1.024E+02	-1.041E-09	-4.871E-10
736	5	304.40	15	1.431E+03	-7.379E+03	6.029E+02	-5.000E+03	-9.023E+04	-7.040E+01	-1.041E-09	8.123E-10
736	5	304.40	16	1.431E+03	-7.379E+03	5.924E+02	-4.782E+03	-8.863E+04	-6.871E+01	-1.041E-09	7.725E-10
737	1	0.00	1	-3.617E+02	9.600E+03	-4.745E+02	4.891E+03	-7.247E+04	-7.221E+01	0.000E+00	0.000E+00
737	1	0.00	2	-3.617E+02	9.600E+03	-4.829E+02	5.113E+03	-7.376E+04	-7.349E+01	0.000E+00	0.000E+00
737	1	0.00	3	-3.617E+02	9.600E+03	3.230E+02	-5.116E+03	4.890E+04	4.906E+01	0.000E+00	0.000E+00

737	1	0.00	4	-3.617E+02	9.600E+03	3.145E+02	-4.893E+03	4.761E+04	4.778E+01	0.000E+00	0.000E+00
737	1	0.00	5	-3.617E+02	9.600E+03	-3.145E+02	4.893E+03	-4.812E+04	-4.836E+01	0.000E+00	0.000E+00
737	1	0.00	6	-3.617E+02	9.600E+03	-3.230E+02	5.116E+03	-4.940E+04	-4.965E+01	0.000E+00	0.000E+00
737	1	0.00	7	-3.617E+02	9.600E+03	4.829E+02	-5.113E+03	7.325E+04	7.291E+01	0.000E+00	0.000E+00
737	1	0.00	8	-3.617E+02	9.600E+03	4.745E+02	-4.891E+03	7.196E+04	7.162E+01	0.000E+00	0.000E+00
737	1	0.00	9	-4.447E+02	9.600E+03	-4.745E+02	4.891E+03	-7.251E+04	-7.226E+01	0.000E+00	0.000E+00
737	1	0.00	10	-4.447E+02	9.600E+03	-4.829E+02	5.113E+03	-7.380E+04	-7.354E+01	0.000E+00	0.000E+00
737	1	0.00	11	-4.447E+02	9.600E+03	3.230E+02	-5.116E+03	4.886E+04	4.901E+01	0.000E+00	0.000E+00
737	1	0.00	12	-4.447E+02	9.600E+03	3.145E+02	-4.893E+03	4.757E+04	4.773E+01	0.000E+00	0.000E+00
737	1	0.00	13	-4.447E+02	9.600E+03	-3.145E+02	4.893E+03	-4.816E+04	-4.842E+01	0.000E+00	0.000E+00
737	1	0.00	14	-4.447E+02	9.600E+03	-3.230E+02	5.116E+03	-4.945E+04	-4.970E+01	0.000E+00	0.000E+00
737	1	0.00	15	-4.447E+02	9.600E+03	4.829E+02	-5.113E+03	7.321E+04	7.285E+01	0.000E+00	0.000E+00
737	1	0.00	16	-4.447E+02	9.600E+03	4.745E+02	-4.891E+03	7.192E+04	7.157E+01	0.000E+00	0.000E+00
737	2	76.10	1	-3.617E+02	4.800E+03	-4.745E+02	4.891E+03	-3.636E+04	5.479E+05	-2.788E-02	-4.109E-03
737	2	76.10	2	-3.617E+02	4.800E+03	-4.829E+02	5.113E+03	-3.700E+04	5.479E+05	-2.788E-02	-4.181E-03
737	2	76.10	3	-3.617E+02	4.800E+03	3.230E+02	-5.116E+03	2.433E+04	5.479E+05	-2.788E-02	2.656E-03
737	2	76.10	4	-3.617E+02	4.800E+03	3.145E+02	-4.893E+03	2.368E+04	5.479E+05	-2.788E-02	2.584E-03
737	2	76.10	5	-3.617E+02	4.800E+03	-3.145E+02	4.893E+03	-2.418E+04	5.479E+05	-2.788E-02	-2.752E-03
737	2	76.10	6	-3.617E+02	4.800E+03	-3.230E+02	5.116E+03	-2.483E+04	5.479E+05	-2.788E-02	-2.824E-03
737	2	76.10	7	-3.617E+02	4.800E+03	4.829E+02	-5.113E+03	3.650E+04	5.480E+05	-2.788E-02	4.013E-03
737	2	76.10	8	-3.617E+02	4.800E+03	4.745E+02	-4.891E+03	3.586E+04	5.480E+05	-2.788E-02	3.941E-03
737	2	76.10	9	-4.447E+02	4.800E+03	-4.745E+02	4.891E+03	-3.640E+04	5.479E+05	-2.788E-02	-4.124E-03
737	2	76.10	10	-4.447E+02	4.800E+03	-4.829E+02	5.113E+03	-3.705E+04	5.479E+05	-2.788E-02	-4.196E-03
737	2	76.10	11	-4.447E+02	4.800E+03	3.230E+02	-5.116E+03	2.428E+04	5.479E+05	-2.788E-02	2.641E-03
737	2	76.10	12	-4.447E+02	4.800E+03	3.145E+02	-4.893E+03	2.364E+04	5.479E+05	-2.788E-02	2.569E-03
737	2	76.10	13	-4.447E+02	4.800E+03	-3.145E+02	4.893E+03	-2.423E+04	5.479E+05	-2.788E-02	-2.767E-03
737	2	76.10	14	-4.447E+02	4.800E+03	-3.230E+02	5.116E+03	-2.487E+04	5.479E+05	-2.788E-02	-2.838E-03
737	2	76.10	15	-4.447E+02	4.800E+03	4.829E+02	-5.113E+03	3.646E+04	5.480E+05	-2.788E-02	3.998E-03
737	2	76.10	16	-4.447E+02	4.800E+03	4.745E+02	-4.891E+03	3.581E+04	5.480E+05	-2.788E-02	3.926E-03
737	3	152.20	1	-3.617E+02	4.725E-01	-4.745E+02	4.891E+03	-2.513E+02	7.306E+05	-3.891E-02	-1.120E-04
737	3	152.20	2	-3.617E+02	4.809E-01	-4.829E+02	5.113E+03	-2.513E+02	7.306E+05	-3.891E-02	-1.120E-04
737	3	152.20	3	-3.617E+02	-3.243E-01	3.230E+02	-5.116E+03	-2.513E+02	7.306E+05	-3.891E-02	-1.120E-04
737	3	152.20	4	-3.617E+02	-3.159E-01	3.145E+02	-4.893E+03	-2.513E+02	7.306E+05	-3.891E-02	-1.120E-04
737	3	152.20	5	-3.617E+02	3.159E-01	-3.145E+02	4.893E+03	-2.513E+02	7.306E+05	-3.891E-02	-1.120E-04
737	3	152.20	6	-3.617E+02	3.243E-01	-3.230E+02	5.116E+03	-2.513E+02	7.306E+05	-3.891E-02	-1.120E-04
737	3	152.20	7	-3.617E+02	-4.809E-01	4.829E+02	-5.113E+03	-2.513E+02	7.306E+05	-3.891E-02	-1.120E-04
737	3	152.20	8	-3.617E+02	-4.725E-01	4.745E+02	-4.891E+03	-2.513E+02	7.306E+05	-3.891E-02	-1.120E-04
737	3	152.20	9	-4.447E+02	4.725E-01	-4.745E+02	4.891E+03	-2.954E+02	7.306E+05	-3.891E-02	-1.317E-04
737	3	152.20	10	-4.447E+02	4.809E-01	-4.829E+02	5.113E+03	-2.954E+02	7.306E+05	-3.891E-02	-1.317E-04
737	3	152.20	11	-4.447E+02	-3.243E-01	3.230E+02	-5.116E+03	-2.954E+02	7.306E+05	-3.891E-02	-1.317E-04
737	3	152.20	12	-4.447E+02	-3.159E-01	3.145E+02	-4.893E+03	-2.954E+02	7.306E+05	-3.891E-02	-1.317E-04
737	3	152.20	13	-4.447E+02	3.159E-01	-3.145E+02	4.893E+03	-2.954E+02	7.306E+05	-3.891E-02	-1.317E-04
737	3	152.20	14	-4.447E+02	3.243E-01	-3.230E+02	5.116E+03	-2.954E+02	7.306E+05	-3.891E-02	-1.317E-04
737	3	152.20	15	-4.447E+02	-4.809E-01	4.829E+02	-5.113E+03	-2.954E+02	7.306E+05	-3.891E-02	-1.317E-04
737	3	152.20	16	-4.447E+02	-4.725E-01	4.745E+02	-4.891E+03	-2.954E+02	7.306E+05	-3.891E-02	-1.317E-04
737	4	228.30	1	-3.617E+02	-4.800E+03	-4.745E+02	4.891E+03	3.586E+04	5.480E+05	-2.788E-02	3.941E-03
737	4	228.30	2	-3.617E+02	-4.800E+03	-4.829E+02	5.113E+03	3.650E+04	5.480E+05	-2.788E-02	4.013E-03
737	4	228.30	3	-3.617E+02	-4.800E+03	3.230E+02	-5.116E+03	-2.483E+04	5.479E+05	-2.788E-02	-2.824E-03
737	4	228.30	4	-3.617E+02	-4.800E+03	3.145E+02	-4.893E+03	-2.418E+04	5.479E+05	-2.788E-02	-2.752E-03
737	4	228.30	5	-3.617E+02	-4.800E+03	-3.145E+02	4.893E+03	2.368E+04	5.479E+05	-2.788E-02	2.584E-03
737	4	228.30	6	-3.617E+02	-4.800E+03	-3.230E+02	5.116E+03	2.433E+04	5.479E+05	-2.788E-02	2.656E-03
737	4	228.30	7	-3.617E+02	-4.800E+03	4.829E+02	-5.113E+03	-3.700E+04	5.479E+05	-2.788E-02	-4.181E-03
737	4	228.30	8	-3.617E+02	-4.800E+03	4.745E+02	-4.891E+03	-3.636E+04	5.479E+05	-2.788E-02	-4.109E-03
737	4	228.30	9	-4.447E+02	-4.800E+03	-4.745E+02	4.891E+03	3.581E+04	5.480E+05	-2.788E-02	3.926E-03
737	4	228.30	10	-4.447E+02	-4.800E+03	-4.829E+02	5.113E+03	3.646E+04	5.480E+05	-2.788E-02	3.998E-03
737	4	228.30	11	-4.447E+02	-4.800E+03	3.230E+02	-5.116E+03	-2.487E+04	5.479E+05	-2.788E-02	-2.838E-03
737	4	228.30	12	-4.447E+02	-4.800E+03	3.145E+02	-4.893E+03	-2.423E+04	5.479E+05	-2.788E-02	-2.767E-03
737	4	228.30	13	-4.447E+02	-4.800E+03	-3.145E+02	4.893E+03	2.364E+04	5.479E+05	-2.788E-02	2.569E-03
737	4	228.30	14	-4.447E+02	-4.800E+03	-3.230E+02	5.116E+03	2.428E+04	5.479E+05	-2.788E-02	2.641E-03
737	4	228.30	15	-4.447E+02	-4.800E+03	4.829E+02	-5.113E+03	-3.705E+04	5.479E+05	-2.788E-02	-4.196E-03
737	4	228.30	16	-4.447E+02	-4.800E+03	4.745E+02	-4.891E+03	-3.640E+04	5.479E+05	-2.788E-02	-4.124E-03
737	5	304.40	1	-3.617E+02	-9.600E+03	-4.745E+02	4.891E+03	7.196E+04	7.162E+01	1.907E-09	-1.381E-09

737	5	304.40	2	-3.617E+02	-9.600E+03	-4.829E+02	5.113E+03	7.325E+04	7.291E+01	1.907E-09	-1.376E-09
737	5	304.40	3	-3.617E+02	-9.600E+03	3.230E+02	-5.116E+03	-4.940E+04	-4.965E+01	1.906E-09	1.249E-09
737	5	304.40	4	-3.617E+02	-9.600E+03	3.145E+02	-4.893E+03	-4.812E+04	-4.836E+01	1.906E-09	1.255E-09
737	5	304.40	5	-3.617E+02	-9.600E+03	-3.145E+02	4.893E+03	4.761E+04	4.778E+01	1.907E-09	-1.236E-09
737	5	304.40	6	-3.617E+02	-9.600E+03	-3.230E+02	5.116E+03	4.890E+04	4.906E+01	1.907E-09	-1.230E-09
737	5	304.40	7	-3.617E+02	-9.600E+03	4.829E+02	-5.113E+03	-7.376E+04	-7.349E+01	1.906E-09	1.395E-09
737	5	304.40	8	-3.617E+02	-9.600E+03	4.745E+02	-4.891E+03	-7.247E+04	-7.221E+01	1.906E-09	1.400E-09
737	5	304.40	9	-4.447E+02	-9.600E+03	-4.745E+02	4.891E+03	7.192E+04	7.157E+01	1.907E-09	-1.375E-09
737	5	304.40	10	-4.447E+02	-9.600E+03	-4.829E+02	5.113E+03	7.321E+04	7.285E+01	1.907E-09	-1.370E-09
737	5	304.40	11	-4.447E+02	-9.600E+03	3.230E+02	-5.116E+03	-4.945E+04	-4.970E+01	1.906E-09	1.255E-09
737	5	304.40	12	-4.447E+02	-9.600E+03	3.145E+02	-4.893E+03	-4.816E+04	-4.842E+01	1.906E-09	1.261E-09
737	5	304.40	13	-4.447E+02	-9.600E+03	-3.145E+02	4.893E+03	4.757E+04	4.773E+01	1.907E-09	-1.230E-09
737	5	304.40	14	-4.447E+02	-9.600E+03	-3.230E+02	5.116E+03	4.886E+04	4.901E+01	1.907E-09	-1.224E-09
737	5	304.40	15	-4.447E+02	-9.600E+03	4.829E+02	-5.113E+03	-7.380E+04	-7.354E+01	1.906E-09	1.401E-09
737	5	304.40	16	-4.447E+02	-9.600E+03	4.745E+02	-4.891E+03	-7.251E+04	-7.226E+01	1.906E-09	1.406E-09
738	1	0.00	1	8.864E+01	1.071E+04	9.683E+01	4.929E+03	1.467E+04	1.436E+01	0.000E+00	0.000E+00
738	1	0.00	2	8.864E+01	1.071E+04	9.286E+01	5.153E+03	1.406E+04	1.377E+01	0.000E+00	0.000E+00
738	1	0.00	3	8.864E+01	1.071E+04	-2.598E+02	-5.151E+03	-3.961E+04	-3.885E+01	0.000E+00	0.000E+00
738	1	0.00	4	8.864E+01	1.071E+04	-2.637E+02	-4.927E+03	-4.021E+04	-3.944E+01	0.000E+00	0.000E+00
738	1	0.00	5	8.864E+01	1.071E+04	2.637E+02	4.927E+03	4.007E+04	3.927E+01	0.000E+00	0.000E+00
738	1	0.00	6	8.864E+01	1.071E+04	2.598E+02	5.151E+03	3.947E+04	3.867E+01	0.000E+00	0.000E+00
738	1	0.00	7	8.864E+01	1.071E+04	-9.286E+01	-5.153E+03	-1.420E+04	-1.394E+01	0.000E+00	0.000E+00
738	1	0.00	8	8.864E+01	1.071E+04	-9.683E+01	-4.929E+03	-1.481E+04	-1.454E+01	0.000E+00	0.000E+00
738	1	0.00	9	9.211E+01	1.071E+04	9.683E+01	4.929E+03	1.467E+04	1.437E+01	0.000E+00	0.000E+00
738	1	0.00	10	9.211E+01	1.071E+04	9.286E+01	5.153E+03	1.407E+04	1.377E+01	0.000E+00	0.000E+00
738	1	0.00	11	9.211E+01	1.071E+04	-2.598E+02	-5.151E+03	-3.960E+04	-3.885E+01	0.000E+00	0.000E+00
738	1	0.00	12	9.211E+01	1.071E+04	-2.637E+02	-4.927E+03	-4.021E+04	-3.944E+01	0.000E+00	0.000E+00
738	1	0.00	13	9.211E+01	1.071E+04	2.637E+02	4.927E+03	4.008E+04	3.927E+01	0.000E+00	0.000E+00
738	1	0.00	14	9.211E+01	1.071E+04	2.598E+02	5.151E+03	3.947E+04	3.868E+01	0.000E+00	0.000E+00
738	1	0.00	15	9.211E+01	1.071E+04	-9.286E+01	-5.153E+03	-1.420E+04	-1.394E+01	0.000E+00	0.000E+00
738	1	0.00	16	9.211E+01	1.071E+04	-9.683E+01	-4.929E+03	-1.480E+04	-1.453E+01	0.000E+00	0.000E+00
738	2	76.10	1	8.864E+01	5.355E+03	9.683E+01	4.929E+03	7.299E+03	6.113E+05	-3.111E-02	7.979E-04
738	2	76.10	2	8.864E+01	5.355E+03	9.286E+01	5.153E+03	6.996E+03	6.113E+05	-3.111E-02	7.642E-04
738	2	76.10	3	8.864E+01	5.356E+03	-2.598E+02	-5.151E+03	-1.984E+04	6.113E+05	-3.111E-02	-2.227E-03
738	2	76.10	4	8.864E+01	5.356E+03	-2.637E+02	-4.927E+03	-2.014E+04	6.113E+05	-3.111E-02	-2.261E-03
738	2	76.10	5	8.864E+01	5.355E+03	2.637E+02	4.927E+03	2.000E+04	6.114E+05	-3.111E-02	2.214E-03
738	2	76.10	6	8.864E+01	5.355E+03	2.598E+02	5.151E+03	1.970E+04	6.114E+05	-3.111E-02	2.180E-03
738	2	76.10	7	8.864E+01	5.356E+03	-9.286E+01	-5.153E+03	-7.137E+03	6.113E+05	-3.111E-02	-8.112E-04
738	2	76.10	8	8.864E+01	5.356E+03	-9.683E+01	-4.929E+03	-7.439E+03	6.113E+05	-3.111E-02	-8.449E-04
738	2	76.10	9	9.211E+01	5.355E+03	9.683E+01	4.929E+03	7.304E+03	6.113E+05	-3.111E-02	7.997E-04
738	2	76.10	10	9.211E+01	5.355E+03	9.286E+01	5.153E+03	7.001E+03	6.113E+05	-3.111E-02	7.660E-04
738	2	76.10	11	9.211E+01	5.356E+03	-2.598E+02	-5.151E+03	-1.983E+04	6.113E+05	-3.111E-02	-2.225E-03
738	2	76.10	12	9.211E+01	5.356E+03	-2.637E+02	-4.927E+03	-2.014E+04	6.113E+05	-3.111E-02	-2.259E-03
738	2	76.10	13	9.211E+01	5.355E+03	2.637E+02	4.927E+03	2.001E+04	6.114E+05	-3.111E-02	2.216E-03
738	2	76.10	14	9.211E+01	5.355E+03	2.598E+02	5.151E+03	1.970E+04	6.114E+05	-3.111E-02	2.182E-03
738	2	76.10	15	9.211E+01	5.356E+03	-9.286E+01	-5.153E+03	-7.131E+03	6.113E+05	-3.111E-02	-8.094E-04
738	2	76.10	16	9.211E+01	5.356E+03	-9.683E+01	-4.929E+03	-7.434E+03	6.113E+05	-3.111E-02	-8.431E-04
738	3	152.20	1	8.864E+01	-9.493E-02	9.683E+01	4.929E+03	-7.018E+01	8.151E+05	-4.341E-02	-3.129E-05
738	3	152.20	2	8.864E+01	-9.104E-02	9.286E+01	5.153E+03	-7.018E+01	8.151E+05	-4.341E-02	-3.129E-05
738	3	152.20	3	8.864E+01	2.547E-01	-2.598E+02	-5.151E+03	-7.018E+01	8.151E+05	-4.341E-02	-3.129E-05
738	3	152.20	4	8.864E+01	2.586E-01	-2.637E+02	-4.927E+03	-7.018E+01	8.151E+05	-4.341E-02	-3.129E-05
738	3	152.20	5	8.864E+01	-2.586E-01	2.637E+02	4.927E+03	-7.018E+01	8.151E+05	-4.341E-02	-3.129E-05
738	3	152.20	6	8.864E+01	-2.547E-01	2.598E+02	5.151E+03	-7.018E+01	8.151E+05	-4.341E-02	-3.129E-05
738	3	152.20	7	8.864E+01	9.104E-02	-9.286E+01	-5.153E+03	-7.018E+01	8.151E+05	-4.341E-02	-3.129E-05
738	3	152.20	8	8.864E+01	9.493E-02	-9.683E+01	-4.929E+03	-7.018E+01	8.151E+05	-4.341E-02	-3.129E-05
738	3	152.20	9	9.211E+01	-9.493E-02	9.683E+01	4.929E+03	-6.489E+01	8.151E+05	-4.341E-02	-2.893E-05
738	3	152.20	10	9.211E+01	-9.104E-02	9.286E+01	5.153E+03	-6.489E+01	8.151E+05	-4.341E-02	-2.893E-05
738	3	152.20	11	9.211E+01	2.547E-01	-2.598E+02	-5.151E+03	-6.489E+01	8.151E+05	-4.341E-02	-2.894E-05
738	3	152.20	12	9.211E+01	2.586E-01	-2.637E+02	-4.927E+03	-6.489E+01	8.151E+05	-4.341E-02	-2.894E-05
738	3	152.20	13	9.211E+01	-2.586E-01	2.637E+02	4.927E+03	-6.489E+01	8.151E+05	-4.341E-02	-2.893E-05
738	3	152.20	14	9.211E+01	-2.547E-01	2.598E+02	5.151E+03	-6.489E+01	8.151E+05	-4.341E-02	-2.893E-05
738	3	152.20	15	9.211E+01	9.104E-02	-9.286E+01	-5.153E+03	-6.489E+01	8.151E+05	-4.341E-02	-2.894E-05

738	3	152.20	16	9.211E+01	9.493E-02	-9.683E+01	-4.929E+03	-6.489E+01	8.151E+05	-4.341E-02	-2.894E-05
738	4	228.30	1	8.864E+01	-5.356E+03	9.683E+01	4.929E+03	-7.439E+03	6.113E+05	-3.111E-02	-8.449E-04
738	4	228.30	2	8.864E+01	-5.356E+03	9.286E+01	5.153E+03	-7.137E+03	6.113E+05	-3.111E-02	-8.112E-04
738	4	228.30	3	8.864E+01	-5.355E+03	-2.598E+02	-5.151E+03	1.970E+04	6.114E+05	-3.111E-02	2.180E-03
738	4	228.30	4	8.864E+01	-5.355E+03	-2.637E+02	-4.927E+03	2.000E+04	6.114E+05	-3.111E-02	2.214E-03
738	4	228.30	5	8.864E+01	-5.356E+03	2.637E+02	4.927E+03	-2.014E+04	6.113E+05	-3.111E-02	-2.261E-03
738	4	228.30	6	8.864E+01	-5.356E+03	2.598E+02	5.151E+03	-1.984E+04	6.113E+05	-3.111E-02	-2.227E-03
738	4	228.30	7	8.864E+01	-5.355E+03	-9.286E+01	-5.153E+03	6.996E+03	6.113E+05	-3.111E-02	7.642E-04
738	4	228.30	8	8.864E+01	-5.355E+03	-9.683E+01	-4.929E+03	7.299E+03	6.113E+05	-3.111E-02	7.979E-04
738	4	228.30	9	9.211E+01	-5.356E+03	9.683E+01	4.929E+03	-7.434E+03	6.113E+05	-3.111E-02	-8.431E-04
738	4	228.30	10	9.211E+01	-5.356E+03	9.286E+01	5.153E+03	-7.131E+03	6.113E+05	-3.111E-02	-8.094E-04
738	4	228.30	11	9.211E+01	-5.355E+03	-2.598E+02	-5.151E+03	1.970E+04	6.114E+05	-3.111E-02	2.182E-03
738	4	228.30	12	9.211E+01	-5.355E+03	-2.637E+02	-4.927E+03	2.001E+04	6.114E+05	-3.111E-02	2.216E-03
738	4	228.30	13	9.211E+01	-5.356E+03	2.637E+02	4.927E+03	-2.014E+04	6.113E+05	-3.111E-02	-2.259E-03
738	4	228.30	14	9.211E+01	-5.356E+03	2.598E+02	5.151E+03	-1.983E+04	6.113E+05	-3.111E-02	-2.225E-03
738	4	228.30	15	9.211E+01	-5.355E+03	-9.286E+01	-5.153E+03	7.001E+03	6.113E+05	-3.111E-02	7.660E-04
738	4	228.30	16	9.211E+01	-5.355E+03	-9.683E+01	-4.929E+03	7.304E+03	6.113E+05	-3.111E-02	7.997E-04
738	5	304.40	1	8.864E+01	-1.071E+04	9.683E+01	4.929E+03	-1.481E+04	-1.454E+01	1.900E-09	1.165E-09
738	5	304.40	2	8.864E+01	-1.071E+04	9.286E+01	5.153E+03	-1.420E+04	-1.394E+01	1.900E-09	1.151E-09
738	5	304.40	3	8.864E+01	-1.071E+04	-2.598E+02	-5.151E+03	3.947E+04	3.867E+01	1.900E-09	-1.574E-09
738	5	304.40	4	8.864E+01	-1.071E+04	-2.637E+02	-4.927E+03	4.007E+04	3.927E+01	1.900E-09	-1.588E-09
738	5	304.40	5	8.864E+01	-1.071E+04	2.637E+02	4.927E+03	-4.021E+04	-3.944E+01	1.900E-09	1.581E-09
738	5	304.40	6	8.864E+01	-1.071E+04	2.598E+02	5.151E+03	-3.961E+04	-3.885E+01	1.900E-09	1.567E-09
738	5	304.40	7	8.864E+01	-1.071E+04	-9.286E+01	-5.153E+03	1.406E+04	1.377E+01	1.900E-09	-1.159E-09
738	5	304.40	8	8.864E+01	-1.071E+04	-9.683E+01	-4.929E+03	1.467E+04	1.436E+01	1.900E-09	-1.172E-09
738	5	304.40	9	9.211E+01	-1.071E+04	9.683E+01	4.929E+03	-1.480E+04	-1.453E+01	1.900E-09	1.165E-09
738	5	304.40	10	9.211E+01	-1.071E+04	9.286E+01	5.153E+03	-1.420E+04	-1.394E+01	1.900E-09	1.151E-09
738	5	304.40	11	9.211E+01	-1.071E+04	-2.598E+02	-5.151E+03	3.947E+04	3.868E+01	1.900E-09	-1.574E-09
738	5	304.40	12	9.211E+01	-1.071E+04	-2.637E+02	-4.927E+03	4.008E+04	3.927E+01	1.900E-09	-1.588E-09
738	5	304.40	13	9.211E+01	-1.071E+04	2.637E+02	4.927E+03	-4.021E+04	-3.944E+01	1.900E-09	1.581E-09
738	5	304.40	14	9.211E+01	-1.071E+04	2.598E+02	5.151E+03	-3.960E+04	-3.885E+01	1.900E-09	1.567E-09
738	5	304.40	15	9.211E+01	-1.071E+04	-9.286E+01	-5.153E+03	1.407E+04	1.377E+01	1.900E-09	-1.158E-09
738	5	304.40	16	9.211E+01	-1.071E+04	-9.683E+01	-4.929E+03	1.467E+04	1.437E+01	1.900E-09	-1.172E-09
739	1	0.00	1	-4.238E+02	9.600E+03	2.654E+02	4.896E+03	4.055E+04	4.092E+01	0.000E+00	0.000E+00
739	1	0.00	2	-4.238E+02	9.600E+03	2.656E+02	5.118E+03	4.058E+04	4.096E+01	0.000E+00	0.000E+00
739	1	0.00	3	-4.238E+02	9.600E+03	-4.257E+02	-5.111E+03	-6.462E+04	-6.443E+01	0.000E+00	0.000E+00
739	1	0.00	4	-4.238E+02	9.600E+03	-4.255E+02	-4.889E+03	-6.459E+04	-6.439E+01	0.000E+00	0.000E+00
739	1	0.00	5	-4.238E+02	9.600E+03	4.255E+02	4.889E+03	6.492E+04	6.477E+01	0.000E+00	0.000E+00
739	1	0.00	6	-4.238E+02	9.600E+03	4.257E+02	5.111E+03	6.495E+04	6.482E+01	0.000E+00	0.000E+00
739	1	0.00	7	-4.238E+02	9.600E+03	-2.656E+02	-5.118E+03	-4.026E+04	-4.058E+01	0.000E+00	0.000E+00
739	1	0.00	8	-4.238E+02	9.600E+03	-2.654E+02	-4.896E+03	-4.023E+04	-4.053E+01	0.000E+00	0.000E+00
739	1	0.00	9	-3.715E+02	9.600E+03	2.654E+02	4.896E+03	4.052E+04	4.088E+01	0.000E+00	0.000E+00
739	1	0.00	10	-3.715E+02	9.600E+03	2.656E+02	5.118E+03	4.056E+04	4.093E+01	0.000E+00	0.000E+00
739	1	0.00	11	-3.715E+02	9.600E+03	-4.257E+02	-5.111E+03	-6.465E+04	-6.447E+01	0.000E+00	0.000E+00
739	1	0.00	12	-3.715E+02	9.600E+03	-4.255E+02	-4.889E+03	-6.462E+04	-6.442E+01	0.000E+00	0.000E+00
739	1	0.00	13	-3.715E+02	9.600E+03	4.255E+02	4.889E+03	6.489E+04	6.474E+01	0.000E+00	0.000E+00
739	1	0.00	14	-3.715E+02	9.600E+03	4.257E+02	5.111E+03	6.492E+04	6.478E+01	0.000E+00	0.000E+00
739	1	0.00	15	-3.715E+02	9.600E+03	-2.656E+02	-5.118E+03	-4.029E+04	-4.061E+01	0.000E+00	0.000E+00
739	1	0.00	16	-3.715E+02	9.600E+03	-2.654E+02	-4.896E+03	-4.025E+04	-4.056E+01	0.000E+00	0.000E+00
739	2	76.10	1	-4.238E+02	4.800E+03	2.654E+02	4.896E+03	2.036E+04	5.479E+05	-2.788E-02	2.305E-03
739	2	76.10	2	-4.238E+02	4.800E+03	2.656E+02	5.118E+03	2.037E+04	5.479E+05	-2.788E-02	2.307E-03
739	2	76.10	3	-4.238E+02	4.800E+03	-4.257E+02	-5.111E+03	-3.223E+04	5.479E+05	-2.788E-02	-3.556E-03
739	2	76.10	4	-4.238E+02	4.800E+03	-4.255E+02	-4.889E+03	-3.221E+04	5.479E+05	-2.788E-02	-3.555E-03
739	2	76.10	5	-4.238E+02	4.800E+03	4.255E+02	4.889E+03	3.254E+04	5.480E+05	-2.788E-02	3.663E-03
739	2	76.10	6	-4.238E+02	4.800E+03	4.257E+02	5.111E+03	3.256E+04	5.480E+05	-2.788E-02	3.665E-03
739	2	76.10	7	-4.238E+02	4.800E+03	-2.656E+02	-5.118E+03	-2.005E+04	5.479E+05	-2.788E-02	-2.198E-03
739	2	76.10	8	-4.238E+02	4.800E+03	-2.654E+02	-4.896E+03	-2.003E+04	5.479E+05	-2.788E-02	-2.197E-03
739	2	76.10	9	-3.715E+02	4.800E+03	2.654E+02	4.896E+03	2.033E+04	5.479E+05	-2.788E-02	2.296E-03
739	2	76.10	10	-3.715E+02	4.800E+03	2.656E+02	5.118E+03	2.035E+04	5.479E+05	-2.788E-02	2.298E-03
739	2	76.10	11	-3.715E+02	4.800E+03	-4.257E+02	-5.111E+03	-3.226E+04	5.479E+05	-2.788E-02	-3.566E-03
739	2	76.10	12	-3.715E+02	4.800E+03	-4.255E+02	-4.889E+03	-3.224E+04	5.479E+05	-2.788E-02	-3.564E-03
739	2	76.10	13	-3.715E+02	4.800E+03	4.255E+02	4.889E+03	3.251E+04	5.480E+05	-2.788E-02	3.654E-03

739	2	76.10	14	-3.715E+02	4.800E+03	4.257E+02	5.111E+03	3.253E+04	5.480E+05	-2.788E-02	3.656E-03
739	2	76.10	15	-3.715E+02	4.800E+03	-2.656E+02	-5.118E+03	-2.008E+04	5.479E+05	-2.788E-02	-2.208E-03
739	2	76.10	16	-3.715E+02	4.800E+03	-2.654E+02	-4.896E+03	-2.006E+04	5.479E+05	-2.788E-02	-2.206E-03
739	3	152.20	1	-4.238E+02	-2.676E-01	2.654E+02	4.896E+03	1.627E+02	7.306E+05	-3.891E-02	7.253E-05
739	3	152.20	2	-4.238E+02	-2.679E-01	2.656E+02	5.118E+03	1.627E+02	7.306E+05	-3.891E-02	7.253E-05
739	3	152.20	3	-4.238E+02	4.246E-01	-4.257E+02	-5.111E+03	1.627E+02	7.306E+05	-3.891E-02	7.254E-05
739	3	152.20	4	-4.238E+02	4.243E-01	-4.255E+02	-4.889E+03	1.627E+02	7.306E+05	-3.891E-02	7.254E-05
739	3	152.20	5	-4.238E+02	-4.243E-01	4.255E+02	4.889E+03	1.627E+02	7.306E+05	-3.891E-02	7.253E-05
739	3	152.20	6	-4.238E+02	-4.246E-01	4.257E+02	5.111E+03	1.627E+02	7.306E+05	-3.891E-02	7.253E-05
739	3	152.20	7	-4.238E+02	2.679E-01	-2.656E+02	-5.118E+03	1.627E+02	7.306E+05	-3.891E-02	7.254E-05
739	3	152.20	8	-4.238E+02	2.676E-01	-2.654E+02	-4.896E+03	1.627E+02	7.306E+05	-3.891E-02	7.254E-05
739	3	152.20	9	-3.715E+02	-2.676E-01	2.654E+02	4.896E+03	1.348E+02	7.306E+05	-3.891E-02	6.009E-05
739	3	152.20	10	-3.715E+02	-2.679E-01	2.656E+02	5.118E+03	1.348E+02	7.306E+05	-3.891E-02	6.009E-05
739	3	152.20	11	-3.715E+02	4.246E-01	-4.257E+02	-5.111E+03	1.348E+02	7.306E+05	-3.891E-02	6.009E-05
739	3	152.20	12	-3.715E+02	4.243E-01	-4.255E+02	-4.889E+03	1.348E+02	7.306E+05	-3.891E-02	6.009E-05
739	3	152.20	13	-3.715E+02	-4.243E-01	4.255E+02	4.889E+03	1.348E+02	7.306E+05	-3.891E-02	6.009E-05
739	3	152.20	14	-3.715E+02	-4.246E-01	4.257E+02	5.111E+03	1.348E+02	7.306E+05	-3.891E-02	6.009E-05
739	3	152.20	15	-3.715E+02	2.679E-01	-2.656E+02	-5.118E+03	1.348E+02	7.306E+05	-3.891E-02	6.009E-05
739	3	152.20	16	-3.715E+02	2.676E-01	-2.654E+02	-4.896E+03	1.348E+02	7.306E+05	-3.891E-02	6.009E-05
739	4	228.30	1	-4.238E+02	-4.800E+03	2.654E+02	4.896E+03	-2.003E+04	5.479E+05	-2.788E-02	-2.197E-03
739	4	228.30	2	-4.238E+02	-4.800E+03	2.656E+02	5.118E+03	-2.005E+04	5.479E+05	-2.788E-02	-2.198E-03
739	4	228.30	3	-4.238E+02	-4.800E+03	-4.257E+02	-5.111E+03	3.256E+04	5.480E+05	-2.788E-02	3.665E-03
739	4	228.30	4	-4.238E+02	-4.800E+03	-4.255E+02	-4.889E+03	3.254E+04	5.480E+05	-2.788E-02	3.663E-03
739	4	228.30	5	-4.238E+02	-4.800E+03	4.255E+02	4.889E+03	-3.221E+04	5.479E+05	-2.788E-02	-3.555E-03
739	4	228.30	6	-4.238E+02	-4.800E+03	4.257E+02	5.111E+03	-3.223E+04	5.479E+05	-2.788E-02	-3.556E-03
739	4	228.30	7	-4.238E+02	-4.800E+03	-2.656E+02	-5.118E+03	2.037E+04	5.479E+05	-2.788E-02	2.307E-03
739	4	228.30	8	-4.238E+02	-4.800E+03	-2.654E+02	-4.896E+03	2.036E+04	5.479E+05	-2.788E-02	2.305E-03
739	4	228.30	9	-3.715E+02	-4.800E+03	2.654E+02	4.896E+03	-2.006E+04	5.479E+05	-2.788E-02	-2.206E-03
739	4	228.30	10	-3.715E+02	-4.800E+03	2.656E+02	5.118E+03	-2.008E+04	5.479E+05	-2.788E-02	-2.208E-03
739	4	228.30	11	-3.715E+02	-4.800E+03	-4.257E+02	-5.111E+03	3.253E+04	5.480E+05	-2.788E-02	3.656E-03
739	4	228.30	12	-3.715E+02	-4.800E+03	-4.255E+02	-4.889E+03	3.251E+04	5.480E+05	-2.788E-02	3.654E-03
739	4	228.30	13	-3.715E+02	-4.800E+03	4.255E+02	4.889E+03	-3.224E+04	5.479E+05	-2.788E-02	-3.564E-03
739	4	228.30	14	-3.715E+02	-4.800E+03	4.257E+02	5.111E+03	-3.226E+04	5.479E+05	-2.788E-02	-3.566E-03
739	4	228.30	15	-3.715E+02	-4.800E+03	-2.656E+02	-5.118E+03	2.035E+04	5.479E+05	-2.788E-02	2.298E-03
739	4	228.30	16	-3.715E+02	-4.800E+03	-2.654E+02	-4.896E+03	2.033E+04	5.479E+05	-2.788E-02	2.296E-03
739	5	304.40	1	-4.238E+02	-9.600E+03	2.654E+02	4.896E+03	-4.023E+04	-4.053E+01	1.729E-09	-1.362E-09
739	5	304.40	2	-4.238E+02	-9.600E+03	2.656E+02	5.118E+03	-4.026E+04	-4.058E+01	1.729E-09	-1.361E-09
739	5	304.40	3	-4.238E+02	-9.600E+03	-4.257E+02	-5.111E+03	6.495E+04	6.482E+01	1.729E-09	1.541E-09
739	5	304.40	4	-4.238E+02	-9.600E+03	-4.255E+02	-4.889E+03	6.492E+04	6.477E+01	1.729E-09	1.541E-09
739	5	304.40	5	-4.238E+02	-9.600E+03	4.255E+02	4.889E+03	-6.459E+04	-6.439E+01	1.729E-09	-1.531E-09
739	5	304.40	6	-4.238E+02	-9.600E+03	4.257E+02	5.111E+03	-6.462E+04	-6.443E+01	1.729E-09	-1.530E-09
739	5	304.40	7	-4.238E+02	-9.600E+03	-2.656E+02	-5.118E+03	4.058E+04	4.096E+01	1.729E-09	1.371E-09
739	5	304.40	8	-4.238E+02	-9.600E+03	-2.654E+02	-4.896E+03	4.055E+04	4.092E+01	1.729E-09	1.372E-09
739	5	304.40	9	-3.715E+02	-9.600E+03	2.654E+02	4.896E+03	-4.025E+04	-4.056E+01	1.729E-09	-1.362E-09
739	5	304.40	10	-3.715E+02	-9.600E+03	2.656E+02	5.118E+03	-4.029E+04	-4.061E+01	1.729E-09	-1.361E-09
739	5	304.40	11	-3.715E+02	-9.600E+03	-4.257E+02	-5.111E+03	6.492E+04	6.478E+01	1.729E-09	1.541E-09
739	5	304.40	12	-3.715E+02	-9.600E+03	-4.255E+02	-4.889E+03	6.489E+04	6.474E+01	1.729E-09	1.541E-09
739	5	304.40	13	-3.715E+02	-9.600E+03	4.255E+02	4.889E+03	-6.462E+04	-6.442E+01	1.729E-09	-1.531E-09
739	5	304.40	14	-3.715E+02	-9.600E+03	4.257E+02	5.111E+03	-6.465E+04	-6.447E+01	1.729E-09	-1.530E-09
739	5	304.40	15	-3.715E+02	-9.600E+03	-2.656E+02	-5.118E+03	4.056E+04	4.093E+01	1.729E-09	1.371E-09
739	5	304.40	16	-3.715E+02	-9.600E+03	-2.654E+02	-4.896E+03	4.052E+04	4.088E+01	1.729E-09	1.372E-09
740	1	0.00	1	1.364E+03	7.377E+03	4.077E+02	4.791E+03	6.049E+04	5.014E+01	0.000E+00	0.000E+00
740	1	0.00	2	1.364E+03	7.377E+03	4.099E+02	5.009E+03	6.082E+04	5.067E+01	0.000E+00	0.000E+00
740	1	0.00	3	1.364E+03	7.378E+03	-5.490E+02	-4.999E+03	-8.512E+04	-1.108E+02	0.000E+00	0.000E+00
740	1	0.00	4	1.364E+03	7.378E+03	-5.469E+02	-4.781E+03	-8.479E+04	-1.103E+02	0.000E+00	0.000E+00
740	1	0.00	5	1.364E+03	7.377E+03	5.469E+02	4.781E+03	8.168E+04	6.505E+01	0.000E+00	0.000E+00
740	1	0.00	6	1.364E+03	7.377E+03	5.490E+02	4.999E+03	8.201E+04	6.558E+01	0.000E+00	0.000E+00
740	1	0.00	7	1.364E+03	7.378E+03	-4.099E+02	-5.009E+03	-6.394E+04	-9.590E+01	0.000E+00	0.000E+00
740	1	0.00	8	1.364E+03	7.378E+03	-4.077E+02	-4.791E+03	-6.360E+04	-9.537E+01	0.000E+00	0.000E+00
740	1	0.00	9	1.194E+03	7.377E+03	4.077E+02	4.791E+03	6.068E+04	5.295E+01	0.000E+00	0.000E+00
740	1	0.00	10	1.194E+03	7.377E+03	4.099E+02	5.009E+03	6.101E+04	5.348E+01	0.000E+00	0.000E+00
740	1	0.00	11	1.194E+03	7.378E+03	-5.490E+02	-4.999E+03	-8.493E+04	-1.080E+02	0.000E+00	0.000E+00

740	1	0.00	12	1.194E+03	7.378E+03	-5.469E+02	-4.781E+03	-8.460E+04	-1.075E+02	0.000E+00	0.000E+00
740	1	0.00	13	1.194E+03	7.377E+03	5.469E+02	4.781E+03	8.187E+04	6.786E+01	0.000E+00	0.000E+00
740	1	0.00	14	1.194E+03	7.377E+03	5.490E+02	4.999E+03	8.220E+04	6.839E+01	0.000E+00	0.000E+00
740	1	0.00	15	1.194E+03	7.378E+03	-4.099E+02	-5.009E+03	-6.375E+04	-9.309E+01	0.000E+00	0.000E+00
740	1	0.00	16	1.194E+03	7.378E+03	-4.077E+02	-4.791E+03	-6.342E+04	-9.256E+01	0.000E+00	0.000E+00
740	2	76.10	1	1.364E+03	3.688E+03	4.077E+02	4.791E+03	2.947E+04	4.211E+05	-2.143E-02	2.938E-03
740	2	76.10	2	1.364E+03	3.688E+03	4.099E+02	5.009E+03	2.963E+04	4.211E+05	-2.143E-02	2.956E-03
740	2	76.10	3	1.364E+03	3.690E+03	-5.490E+02	-4.999E+03	-4.334E+04	4.210E+05	-2.143E-02	-5.178E-03
740	2	76.10	4	1.364E+03	3.690E+03	-5.469E+02	-4.781E+03	-4.317E+04	4.210E+05	-2.143E-02	-5.159E-03
740	2	76.10	5	1.364E+03	3.688E+03	5.469E+02	4.781E+03	4.006E+04	4.211E+05	-2.143E-02	4.119E-03
740	2	76.10	6	1.364E+03	3.688E+03	5.490E+02	4.999E+03	4.023E+04	4.211E+05	-2.143E-02	4.137E-03
740	2	76.10	7	1.364E+03	3.689E+03	-4.099E+02	-5.009E+03	-3.275E+04	4.210E+05	-2.143E-02	-3.997E-03
740	2	76.10	8	1.364E+03	3.689E+03	-4.077E+02	-4.791E+03	-3.258E+04	4.210E+05	-2.143E-02	-3.979E-03
740	2	76.10	9	1.194E+03	3.688E+03	4.077E+02	4.791E+03	2.966E+04	4.211E+05	-2.143E-02	3.001E-03
740	2	76.10	10	1.194E+03	3.688E+03	4.099E+02	5.009E+03	2.982E+04	4.211E+05	-2.143E-02	3.020E-03
740	2	76.10	11	1.194E+03	3.690E+03	-5.490E+02	-4.999E+03	-4.315E+04	4.210E+05	-2.143E-02	-5.115E-03
740	2	76.10	12	1.194E+03	3.690E+03	-5.469E+02	-4.781E+03	-4.298E+04	4.210E+05	-2.143E-02	-5.096E-03
740	2	76.10	13	1.194E+03	3.688E+03	5.469E+02	4.781E+03	4.025E+04	4.211E+05	-2.143E-02	4.182E-03
740	2	76.10	14	1.194E+03	3.688E+03	5.490E+02	4.999E+03	4.042E+04	4.211E+05	-2.143E-02	4.200E-03
740	2	76.10	15	1.194E+03	3.689E+03	-4.099E+02	-5.009E+03	-3.256E+04	4.210E+05	-2.143E-02	-3.934E-03
740	2	76.10	16	1.194E+03	3.689E+03	-4.077E+02	-4.791E+03	-3.239E+04	4.210E+05	-2.143E-02	-3.915E-03
740	3	152.20	1	1.364E+03	-4.780E-01	4.077E+02	4.791E+03	-1.556E+03	5.614E+05	-2.990E-02	-6.937E-04
740	3	152.20	2	1.364E+03	-4.815E-01	4.099E+02	5.009E+03	-1.556E+03	5.614E+05	-2.990E-02	-6.937E-04
740	3	152.20	3	1.364E+03	5.795E-01	-5.490E+02	-4.999E+03	-1.556E+03	5.614E+05	-2.990E-02	-6.937E-04
740	3	152.20	4	1.364E+03	5.760E-01	-5.469E+02	-4.781E+03	-1.556E+03	5.614E+05	-2.990E-02	-6.937E-04
740	3	152.20	5	1.364E+03	-5.760E-01	5.469E+02	4.781E+03	-1.556E+03	5.614E+05	-2.990E-02	-6.937E-04
740	3	152.20	6	1.364E+03	-5.795E-01	5.490E+02	4.999E+03	-1.556E+03	5.614E+05	-2.990E-02	-6.937E-04
740	3	152.20	7	1.364E+03	4.815E-01	-4.099E+02	-5.009E+03	-1.556E+03	5.614E+05	-2.990E-02	-6.937E-04
740	3	152.20	8	1.364E+03	4.780E-01	-4.077E+02	-4.791E+03	-1.556E+03	5.614E+05	-2.990E-02	-6.937E-04
740	3	152.20	9	1.194E+03	-4.780E-01	4.077E+02	4.791E+03	-1.367E+03	5.614E+05	-2.990E-02	-6.096E-04
740	3	152.20	10	1.194E+03	-4.815E-01	4.099E+02	5.009E+03	-1.367E+03	5.614E+05	-2.990E-02	-6.096E-04
740	3	152.20	11	1.194E+03	5.795E-01	-5.490E+02	-4.999E+03	-1.367E+03	5.614E+05	-2.990E-02	-6.096E-04
740	3	152.20	12	1.194E+03	5.760E-01	-5.469E+02	-4.781E+03	-1.367E+03	5.614E+05	-2.990E-02	-6.096E-04
740	3	152.20	13	1.194E+03	-5.760E-01	5.469E+02	4.781E+03	-1.367E+03	5.614E+05	-2.990E-02	-6.096E-04
740	3	152.20	14	1.194E+03	-5.795E-01	5.490E+02	4.999E+03	-1.367E+03	5.614E+05	-2.990E-02	-6.096E-04
740	3	152.20	15	1.194E+03	4.815E-01	-4.099E+02	-5.009E+03	-1.367E+03	5.614E+05	-2.990E-02	-6.096E-04
740	3	152.20	16	1.194E+03	4.780E-01	-4.077E+02	-4.791E+03	-1.367E+03	5.614E+05	-2.990E-02	-6.096E-04
740	4	228.30	1	1.364E+03	-3.689E+03	4.077E+02	4.791E+03	-3.258E+04	4.210E+05	-2.143E-02	-3.979E-03
740	4	228.30	2	1.364E+03	-3.689E+03	4.099E+02	5.009E+03	-3.275E+04	4.210E+05	-2.143E-02	-3.997E-03
740	4	228.30	3	1.364E+03	-3.688E+03	-5.490E+02	-4.999E+03	4.023E+04	4.211E+05	-2.143E-02	4.137E-03
740	4	228.30	4	1.364E+03	-3.688E+03	-5.469E+02	-4.781E+03	4.006E+04	4.211E+05	-2.143E-02	4.119E-03
740	4	228.30	5	1.364E+03	-3.690E+03	5.469E+02	4.781E+03	-4.317E+04	4.210E+05	-2.143E-02	-5.159E-03
740	4	228.30	6	1.364E+03	-3.690E+03	5.490E+02	4.999E+03	-4.334E+04	4.210E+05	-2.143E-02	-5.178E-03
740	4	228.30	7	1.364E+03	-3.688E+03	-4.099E+02	-5.009E+03	2.963E+04	4.211E+05	-2.143E-02	2.957E-03
740	4	228.30	8	1.364E+03	-3.688E+03	-4.077E+02	-4.791E+03	2.947E+04	4.211E+05	-2.143E-02	2.938E-03
740	4	228.30	9	1.194E+03	-3.689E+03	4.077E+02	4.791E+03	-3.239E+04	4.210E+05	-2.143E-02	-3.915E-03
740	4	228.30	10	1.194E+03	-3.689E+03	4.099E+02	5.009E+03	-3.256E+04	4.210E+05	-2.143E-02	-3.934E-03
740	4	228.30	11	1.194E+03	-3.688E+03	-5.490E+02	-4.999E+03	4.042E+04	4.211E+05	-2.143E-02	4.200E-03
740	4	228.30	12	1.194E+03	-3.688E+03	-5.469E+02	-4.781E+03	4.025E+04	4.211E+05	-2.143E-02	4.182E-03
740	4	228.30	13	1.194E+03	-3.690E+03	5.469E+02	4.781E+03	-4.298E+04	4.210E+05	-2.143E-02	-5.096E-03
740	4	228.30	14	1.194E+03	-3.690E+03	5.490E+02	4.999E+03	-4.315E+04	4.210E+05	-2.143E-02	-5.115E-03
740	4	228.30	15	1.194E+03	-3.688E+03	-4.099E+02	-5.009E+03	2.982E+04	4.211E+05	-2.143E-02	3.020E-03
740	4	228.30	16	1.194E+03	-3.688E+03	-4.077E+02	-4.791E+03	2.966E+04	4.211E+05	-2.143E-02	3.001E-03
740	5	304.40	1	1.364E+03	-7.378E+03	4.077E+02	4.791E+03	-6.360E+04	-9.537E+01	-1.184E-10	-1.866E-09
740	5	304.40	2	1.364E+03	-7.378E+03	4.099E+02	5.009E+03	-6.394E+04	-9.590E+01	-1.184E-10	-1.869E-09
740	5	304.40	3	1.364E+03	-7.377E+03	-5.490E+02	-4.999E+03	8.201E+04	6.558E+01	-1.181E-10	1.812E-09
740	5	304.40	4	1.364E+03	-7.377E+03	-5.469E+02	-4.781E+03	8.168E+04	6.505E+01	-1.181E-10	1.809E-09
740	5	304.40	5	1.364E+03	-7.378E+03	5.469E+02	4.781E+03	-8.479E+04	-1.103E+02	-1.184E-10	-1.721E-09
740	5	304.40	6	1.364E+03	-7.378E+03	5.490E+02	4.999E+03	-8.512E+04	-1.108E+02	-1.184E-10	-1.724E-09
740	5	304.40	7	1.364E+03	-7.377E+03	-4.099E+02	-5.009E+03	6.082E+04	5.067E+01	-1.180E-10	1.957E-09
740	5	304.40	8	1.364E+03	-7.377E+03	-4.077E+02	-4.791E+03	6.049E+04	5.014E+01	-1.180E-10	1.954E-09
740	5	304.40	9	1.194E+03	-7.378E+03	4.077E+02	4.791E+03	-6.342E+04	-9.256E+01	-1.184E-10	-1.878E-09

740	5	304.40	10	1.194E+03	-7.378E+03	4.099E+02	5.009E+03	-6.375E+04	-9.309E+01	-1.184E-10	-1.881E-09
740	5	304.40	11	1.194E+03	-7.377E+03	-5.490E+02	-4.999E+03	8.220E+04	6.839E+01	-1.181E-10	1.800E-09
740	5	304.40	12	1.194E+03	-7.377E+03	-5.469E+02	-4.781E+03	8.187E+04	6.786E+01	-1.181E-10	1.797E-09
740	5	304.40	13	1.194E+03	-7.378E+03	5.469E+02	4.781E+03	-8.460E+04	-1.075E+02	-1.184E-10	-1.733E-09
740	5	304.40	14	1.194E+03	-7.378E+03	5.490E+02	4.999E+03	-8.493E+04	-1.080E+02	-1.184E-10	-1.736E-09
740	5	304.40	15	1.194E+03	-7.377E+03	-4.099E+02	-5.009E+03	6.101E+04	5.348E+01	-1.181E-10	1.945E-09
740	5	304.40	16	1.194E+03	-7.377E+03	-4.077E+02	-4.791E+03	6.068E+04	5.295E+01	-1.181E-10	1.942E-09
741	1	0.00	1	1.207E+03	7.379E+03	-6.814E+02	-2.999E+03	-1.024E+05	-8.912E+01	0.000E+00	0.000E+00
741	1	0.00	2	1.207E+03	7.379E+03	-6.794E+02	-2.761E+03	-1.021E+05	-8.870E+01	0.000E+00	0.000E+00
741	1	0.00	3	1.207E+03	7.377E+03	5.402E+02	2.755E+03	8.351E+04	1.133E+02	0.000E+00	0.000E+00
741	1	0.00	4	1.207E+03	7.377E+03	5.422E+02	2.994E+03	8.381E+04	1.137E+02	0.000E+00	0.000E+00
741	1	0.00	5	1.207E+03	7.379E+03	-5.422E+02	-2.994E+03	-8.123E+04	-7.420E+01	0.000E+00	0.000E+00
741	1	0.00	6	1.207E+03	7.379E+03	-5.402E+02	-2.755E+03	-8.093E+04	-7.379E+01	0.000E+00	0.000E+00
741	1	0.00	7	1.207E+03	7.377E+03	6.794E+02	2.761E+03	1.047E+05	1.282E+02	0.000E+00	0.000E+00
741	1	0.00	8	1.207E+03	7.377E+03	6.814E+02	2.999E+03	1.050E+05	1.286E+02	0.000E+00	0.000E+00
741	1	0.00	9	1.392E+03	7.379E+03	-6.814E+02	-2.999E+03	-1.022E+05	-8.607E+01	0.000E+00	0.000E+00
741	1	0.00	10	1.392E+03	7.379E+03	-6.794E+02	-2.761E+03	-1.019E+05	-8.565E+01	0.000E+00	0.000E+00
741	1	0.00	11	1.392E+03	7.377E+03	5.402E+02	2.755E+03	8.372E+04	1.163E+02	0.000E+00	0.000E+00
741	1	0.00	12	1.392E+03	7.377E+03	5.422E+02	2.994E+03	8.401E+04	1.167E+02	0.000E+00	0.000E+00
741	1	0.00	13	1.392E+03	7.379E+03	-5.422E+02	-2.994E+03	-8.103E+04	-7.115E+01	0.000E+00	0.000E+00
741	1	0.00	14	1.392E+03	7.379E+03	-5.402E+02	-2.755E+03	-8.073E+04	-7.074E+01	0.000E+00	0.000E+00
741	1	0.00	15	1.392E+03	7.377E+03	6.794E+02	2.761E+03	1.049E+05	1.312E+02	0.000E+00	0.000E+00
741	1	0.00	16	1.392E+03	7.377E+03	6.814E+02	2.999E+03	1.052E+05	1.317E+02	0.000E+00	0.000E+00
741	2	76.10	1	1.207E+03	3.690E+03	-6.814E+02	-2.999E+03	-5.056E+04	4.211E+05	-2.143E-02	-5.349E-03
741	2	76.10	2	1.207E+03	3.690E+03	-6.794E+02	-2.761E+03	-5.041E+04	4.211E+05	-2.143E-02	-5.332E-03
741	2	76.10	3	1.207E+03	3.688E+03	5.402E+02	2.755E+03	4.240E+04	4.212E+05	-2.143E-02	5.014E-03
741	2	76.10	4	1.207E+03	3.688E+03	5.422E+02	2.994E+03	4.255E+04	4.212E+05	-2.143E-02	5.030E-03
741	2	76.10	5	1.207E+03	3.690E+03	-5.422E+02	-2.994E+03	-3.997E+04	4.211E+05	-2.143E-02	-4.168E-03
741	2	76.10	6	1.207E+03	3.690E+03	-5.402E+02	-2.755E+03	-3.982E+04	4.211E+05	-2.143E-02	-4.152E-03
741	2	76.10	7	1.207E+03	3.688E+03	6.794E+02	2.761E+03	5.299E+04	4.212E+05	-2.143E-02	6.194E-03
741	2	76.10	8	1.207E+03	3.688E+03	6.814E+02	2.999E+03	5.314E+04	4.212E+05	-2.143E-02	6.211E-03
741	2	76.10	9	1.392E+03	3.690E+03	-6.814E+02	-2.999E+03	-5.036E+04	4.211E+05	-2.143E-02	-5.280E-03
741	2	76.10	10	1.392E+03	3.690E+03	-6.794E+02	-2.761E+03	-5.021E+04	4.211E+05	-2.143E-02	-5.264E-03
741	2	76.10	11	1.392E+03	3.688E+03	5.402E+02	2.755E+03	4.261E+04	4.212E+05	-2.143E-02	5.082E-03
741	2	76.10	12	1.392E+03	3.688E+03	5.422E+02	2.994E+03	4.275E+04	4.212E+05	-2.143E-02	5.099E-03
741	2	76.10	13	1.392E+03	3.690E+03	-5.422E+02	-2.994E+03	-3.977E+04	4.211E+05	-2.143E-02	-4.100E-03
741	2	76.10	14	1.392E+03	3.690E+03	-5.402E+02	-2.755E+03	-3.962E+04	4.211E+05	-2.143E-02	-4.083E-03
741	2	76.10	15	1.392E+03	3.688E+03	6.794E+02	2.761E+03	5.320E+04	4.212E+05	-2.143E-02	6.263E-03
741	2	76.10	16	1.392E+03	3.688E+03	6.814E+02	2.999E+03	5.335E+04	4.212E+05	-2.143E-02	6.279E-03
741	3	152.20	1	1.207E+03	7.152E-01	-6.814E+02	-2.999E+03	1.289E+03	5.615E+05	-2.990E-02	5.747E-04
741	3	152.20	2	1.207E+03	7.125E-01	-6.794E+02	-2.761E+03	1.289E+03	5.615E+05	-2.990E-02	5.747E-04
741	3	152.20	3	1.207E+03	-6.145E-01	5.402E+02	2.755E+03	1.289E+03	5.615E+05	-2.990E-02	5.747E-04
741	3	152.20	4	1.207E+03	-6.173E-01	5.422E+02	2.994E+03	1.289E+03	5.615E+05	-2.990E-02	5.747E-04
741	3	152.20	5	1.207E+03	6.173E-01	-5.422E+02	-2.994E+03	1.289E+03	5.615E+05	-2.990E-02	5.747E-04
741	3	152.20	6	1.207E+03	6.145E-01	-5.402E+02	-2.755E+03	1.289E+03	5.615E+05	-2.990E-02	5.747E-04
741	3	152.20	7	1.207E+03	-7.125E-01	6.794E+02	2.761E+03	1.289E+03	5.615E+05	-2.990E-02	5.747E-04
741	3	152.20	8	1.207E+03	-7.152E-01	6.814E+02	2.999E+03	1.289E+03	5.615E+05	-2.990E-02	5.747E-04
741	3	152.20	9	1.392E+03	7.152E-01	-6.814E+02	-2.999E+03	1.494E+03	5.615E+05	-2.990E-02	6.660E-04
741	3	152.20	10	1.392E+03	7.125E-01	-6.794E+02	-2.761E+03	1.494E+03	5.615E+05	-2.990E-02	6.660E-04
741	3	152.20	11	1.392E+03	-6.145E-01	5.402E+02	2.755E+03	1.494E+03	5.615E+05	-2.990E-02	6.660E-04
741	3	152.20	12	1.392E+03	-6.173E-01	5.422E+02	2.994E+03	1.494E+03	5.615E+05	-2.990E-02	6.660E-04
741	3	152.20	13	1.392E+03	6.173E-01	-5.422E+02	-2.994E+03	1.494E+03	5.615E+05	-2.990E-02	6.660E-04
741	3	152.20	14	1.392E+03	6.145E-01	-5.402E+02	-2.755E+03	1.494E+03	5.615E+05	-2.990E-02	6.660E-04
741	3	152.20	15	1.392E+03	-7.125E-01	6.794E+02	2.761E+03	1.494E+03	5.615E+05	-2.990E-02	6.660E-04
741	3	152.20	16	1.392E+03	-7.152E-01	6.814E+02	2.999E+03	1.494E+03	5.615E+05	-2.990E-02	6.660E-04
741	4	228.30	1	1.207E+03	-3.688E+03	-6.814E+02	-2.999E+03	5.314E+04	4.212E+05	-2.143E-02	6.211E-03
741	4	228.30	2	1.207E+03	-3.688E+03	-6.794E+02	-2.761E+03	5.299E+04	4.212E+05	-2.143E-02	6.194E-03
741	4	228.30	3	1.207E+03	-3.690E+03	5.402E+02	2.755E+03	-3.982E+04	4.211E+05	-2.143E-02	-4.152E-03
741	4	228.30	4	1.207E+03	-3.690E+03	5.422E+02	2.994E+03	-3.997E+04	4.211E+05	-2.143E-02	-4.168E-03
741	4	228.30	5	1.207E+03	-3.688E+03	-5.422E+02	-2.994E+03	4.255E+04	4.212E+05	-2.143E-02	5.030E-03
741	4	228.30	6	1.207E+03	-3.688E+03	-5.402E+02	-2.755E+03	4.240E+04	4.212E+05	-2.143E-02	5.014E-03
741	4	228.30	7	1.207E+03	-3.690E+03	6.794E+02	2.761E+03	-5.041E+04	4.211E+05	-2.143E-02	-5.332E-03

741	4	228.30	8	1.207E+03	-3.690E+03	6.814E+02	2.999E+03	-5.056E+04	4.211E+05	-2.143E-02	-5.349E-03
741	4	228.30	9	1.392E+03	-3.688E+03	-6.814E+02	-2.999E+03	5.335E+04	4.212E+05	-2.143E-02	6.279E-03
741	4	228.30	10	1.392E+03	-3.688E+03	-6.794E+02	-2.761E+03	5.320E+04	4.212E+05	-2.143E-02	6.263E-03
741	4	228.30	11	1.392E+03	-3.690E+03	5.402E+02	2.755E+03	-3.962E+04	4.211E+05	-2.143E-02	-4.083E-03
741	4	228.30	12	1.392E+03	-3.690E+03	5.422E+02	2.994E+03	-3.977E+04	4.211E+05	-2.143E-02	-4.100E-03
741	4	228.30	13	1.392E+03	-3.688E+03	-5.422E+02	-2.994E+03	4.275E+04	4.212E+05	-2.143E-02	5.099E-03
741	4	228.30	14	1.392E+03	-3.688E+03	-5.402E+02	-2.755E+03	4.261E+04	4.212E+05	-2.143E-02	5.082E-03
741	4	228.30	15	1.392E+03	-3.690E+03	6.794E+02	2.761E+03	-5.021E+04	4.211E+05	-2.143E-02	-5.264E-03
741	4	228.30	16	1.392E+03	-3.690E+03	6.814E+02	2.999E+03	-5.036E+04	4.211E+05	-2.143E-02	-5.280E-03
741	5	304.40	1	1.207E+03	-7.377E+03	-6.814E+02	-2.999E+03	1.050E+05	1.286E+02	-9.498E-10	4.143E-09
741	5	304.40	2	1.207E+03	-7.377E+03	-6.794E+02	-2.761E+03	1.047E+05	1.282E+02	-9.498E-10	4.149E-09
741	5	304.40	3	1.207E+03	-7.379E+03	5.402E+02	2.755E+03	-8.093E+04	-7.379E+01	-9.501E-10	-3.180E-09
741	5	304.40	4	1.207E+03	-7.379E+03	5.422E+02	2.994E+03	-8.123E+04	-7.420E+01	-9.501E-10	-3.174E-09
741	5	304.40	5	1.207E+03	-7.377E+03	-5.422E+02	-2.994E+03	8.381E+04	1.137E+02	-9.497E-10	3.403E-09
741	5	304.40	6	1.207E+03	-7.377E+03	-5.402E+02	-2.755E+03	8.351E+04	1.133E+02	-9.497E-10	3.409E-09
741	5	304.40	7	1.207E+03	-7.379E+03	6.794E+02	2.761E+03	-1.021E+05	-8.870E+01	-9.500E-10	-3.920E-09
741	5	304.40	8	1.207E+03	-7.379E+03	6.814E+02	2.999E+03	-1.024E+05	-8.912E+01	-9.500E-10	-3.913E-09
741	5	304.40	9	1.392E+03	-7.377E+03	-6.814E+02	-2.999E+03	1.052E+05	1.317E+02	-9.497E-10	4.109E-09
741	5	304.40	10	1.392E+03	-7.377E+03	-6.794E+02	-2.761E+03	1.049E+05	1.312E+02	-9.497E-10	4.115E-09
741	5	304.40	11	1.392E+03	-7.379E+03	5.402E+02	2.755E+03	-8.073E+04	-7.074E+01	-9.500E-10	-3.214E-09
741	5	304.40	12	1.392E+03	-7.379E+03	5.422E+02	2.994E+03	-8.103E+04	-7.115E+01	-9.500E-10	-3.208E-09
741	5	304.40	13	1.392E+03	-7.377E+03	-5.422E+02	-2.994E+03	8.401E+04	1.167E+02	-9.497E-10	3.369E-09
741	5	304.40	14	1.392E+03	-7.377E+03	-5.402E+02	-2.755E+03	8.372E+04	1.163E+02	-9.497E-10	3.375E-09
741	5	304.40	15	1.392E+03	-7.379E+03	6.794E+02	2.761E+03	-1.019E+05	-8.565E+01	-9.500E-10	-3.954E-09
741	5	304.40	16	1.392E+03	-7.379E+03	6.814E+02	2.999E+03	-1.022E+05	-8.607E+01	-9.500E-10	-3.947E-09
742	1	0.00	1	-3.758E+02	9.601E+03	-5.252E+02	-3.065E+03	-8.019E+04	-8.016E+01	0.000E+00	0.000E+00
742	1	0.00	2	-3.758E+02	9.601E+03	-5.247E+02	-2.821E+03	-8.012E+04	-8.008E+01	0.000E+00	0.000E+00
742	1	0.00	3	-3.758E+02	9.600E+03	3.646E+02	2.818E+03	5.524E+04	5.562E+01	0.000E+00	0.000E+00
742	1	0.00	4	-3.758E+02	9.600E+03	3.651E+02	3.062E+03	5.531E+04	5.571E+01	0.000E+00	0.000E+00
742	1	0.00	5	-3.758E+02	9.600E+03	-3.651E+02	-3.062E+03	-5.583E+04	-5.631E+01	0.000E+00	0.000E+00
742	1	0.00	6	-3.758E+02	9.600E+03	-3.646E+02	-2.818E+03	-5.575E+04	-5.622E+01	0.000E+00	0.000E+00
742	1	0.00	7	-3.758E+02	9.599E+03	5.247E+02	2.821E+03	7.960E+04	7.948E+01	0.000E+00	0.000E+00
742	1	0.00	8	-3.758E+02	9.599E+03	5.252E+02	3.065E+03	7.967E+04	7.956E+01	0.000E+00	0.000E+00
742	1	0.00	9	-4.326E+02	9.601E+03	-5.252E+02	-3.065E+03	-8.022E+04	-8.020E+01	0.000E+00	0.000E+00
742	1	0.00	10	-4.326E+02	9.601E+03	-5.247E+02	-2.821E+03	-8.015E+04	-8.011E+01	0.000E+00	0.000E+00
742	1	0.00	11	-4.326E+02	9.600E+03	3.646E+02	2.818E+03	5.521E+04	5.559E+01	0.000E+00	0.000E+00
742	1	0.00	12	-4.326E+02	9.600E+03	3.651E+02	3.062E+03	5.528E+04	5.567E+01	0.000E+00	0.000E+00
742	1	0.00	13	-4.326E+02	9.600E+03	-3.651E+02	-3.062E+03	-5.586E+04	-5.635E+01	0.000E+00	0.000E+00
742	1	0.00	14	-4.326E+02	9.600E+03	-3.646E+02	-2.818E+03	-5.578E+04	-5.626E+01	0.000E+00	0.000E+00
742	1	0.00	15	-4.326E+02	9.599E+03	5.247E+02	2.821E+03	7.957E+04	7.944E+01	0.000E+00	0.000E+00
742	1	0.00	16	-4.326E+02	9.599E+03	5.252E+02	3.065E+03	7.964E+04	7.953E+01	0.000E+00	0.000E+00
742	2	76.10	1	-3.758E+02	4.801E+03	-5.252E+02	-3.065E+03	-4.023E+04	5.479E+05	-2.788E-02	-4.542E-03
742	2	76.10	2	-3.758E+02	4.801E+03	-5.247E+02	-2.821E+03	-4.019E+04	5.479E+05	-2.788E-02	-4.537E-03
742	2	76.10	3	-3.758E+02	4.800E+03	3.646E+02	2.818E+03	2.749E+04	5.479E+05	-2.788E-02	3.006E-03
742	2	76.10	4	-3.758E+02	4.800E+03	3.651E+02	3.062E+03	2.753E+04	5.479E+05	-2.788E-02	3.011E-03
742	2	76.10	5	-3.758E+02	4.800E+03	-3.651E+02	-3.062E+03	-2.804E+04	5.479E+05	-2.788E-02	-3.184E-03
742	2	76.10	6	-3.758E+02	4.800E+03	-3.646E+02	-2.818E+03	-2.801E+04	5.479E+05	-2.788E-02	-3.179E-03
742	2	76.10	7	-3.758E+02	4.799E+03	5.247E+02	2.821E+03	3.967E+04	5.480E+05	-2.788E-02	4.364E-03
742	2	76.10	8	-3.758E+02	4.799E+03	5.252E+02	3.065E+03	3.971E+04	5.480E+05	-2.788E-02	4.369E-03
742	2	76.10	9	-4.326E+02	4.801E+03	-5.252E+02	-3.065E+03	-4.026E+04	5.479E+05	-2.788E-02	-4.552E-03
742	2	76.10	10	-4.326E+02	4.801E+03	-5.247E+02	-2.821E+03	-4.022E+04	5.479E+05	-2.788E-02	-4.548E-03
742	2	76.10	11	-4.326E+02	4.800E+03	3.646E+02	2.818E+03	2.746E+04	5.479E+05	-2.788E-02	2.996E-03
742	2	76.10	12	-4.326E+02	4.800E+03	3.651E+02	3.062E+03	2.750E+04	5.479E+05	-2.788E-02	3.001E-03
742	2	76.10	13	-4.326E+02	4.800E+03	-3.651E+02	-3.062E+03	-2.807E+04	5.479E+05	-2.788E-02	-3.194E-03
742	2	76.10	14	-4.326E+02	4.800E+03	-3.646E+02	-2.818E+03	-2.804E+04	5.479E+05	-2.788E-02	-3.190E-03
742	2	76.10	15	-4.326E+02	4.799E+03	5.247E+02	2.821E+03	3.964E+04	5.480E+05	-2.788E-02	4.354E-03
742	2	76.10	16	-4.326E+02	4.799E+03	5.252E+02	3.065E+03	3.968E+04	5.480E+05	-2.788E-02	4.358E-03
742	3	152.20	1	-3.758E+02	5.247E-01	-5.252E+02	-3.065E+03	-2.587E+02	7.306E+05	-3.891E-02	-1.153E-04
742	3	152.20	2	-3.758E+02	5.242E-01	-5.247E+02	-2.821E+03	-2.587E+02	7.306E+05	-3.891E-02	-1.153E-04
742	3	152.20	3	-3.758E+02	-3.674E-01	3.646E+02	2.818E+03	-2.587E+02	7.306E+05	-3.891E-02	-1.153E-04
742	3	152.20	4	-3.758E+02	-3.680E-01	3.651E+02	3.062E+03	-2.587E+02	7.306E+05	-3.891E-02	-1.153E-04
742	3	152.20	5	-3.758E+02	3.680E-01	-3.651E+02	-3.062E+03	-2.587E+02	7.306E+05	-3.891E-02	-1.153E-04

742	3	152.20	6	-3.758E+02	3.674E-01	-3.646E+02	-2.818E+03	-2.587E+02	7.306E+05	-3.891E-02	-1.153E-04
742	3	152.20	7	-3.758E+02	-5.242E-01	5.247E+02	2.821E+03	-2.587E+02	7.306E+05	-3.891E-02	-1.153E-04
742	3	152.20	8	-3.758E+02	-5.247E-01	5.252E+02	3.065E+03	-2.587E+02	7.306E+05	-3.891E-02	-1.153E-04
742	3	152.20	9	-4.326E+02	5.247E-01	-5.252E+02	-3.065E+03	-2.890E+02	7.306E+05	-3.891E-02	-1.289E-04
742	3	152.20	10	-4.326E+02	5.242E-01	-5.247E+02	-2.821E+03	-2.890E+02	7.306E+05	-3.891E-02	-1.289E-04
742	3	152.20	11	-4.326E+02	-3.674E-01	3.646E+02	2.818E+03	-2.890E+02	7.306E+05	-3.891E-02	-1.289E-04
742	3	152.20	12	-4.326E+02	-3.680E-01	3.651E+02	3.062E+03	-2.890E+02	7.306E+05	-3.891E-02	-1.289E-04
742	3	152.20	13	-4.326E+02	3.680E-01	-3.651E+02	-3.062E+03	-2.890E+02	7.306E+05	-3.891E-02	-1.289E-04
742	3	152.20	14	-4.326E+02	3.674E-01	-3.646E+02	-2.818E+03	-2.890E+02	7.306E+05	-3.891E-02	-1.289E-04
742	3	152.20	15	-4.326E+02	-5.242E-01	5.247E+02	2.821E+03	-2.890E+02	7.306E+05	-3.891E-02	-1.289E-04
742	3	152.20	16	-4.326E+02	-5.247E-01	5.252E+02	3.065E+03	-2.890E+02	7.306E+05	-3.891E-02	-1.289E-04
742	4	228.30	1	-3.758E+02	-4.799E+03	-5.252E+02	-3.065E+03	3.971E+04	5.480E+05	-2.788E-02	4.369E-03
742	4	228.30	2	-3.758E+02	-4.799E+03	-5.247E+02	-2.821E+03	3.967E+04	5.480E+05	-2.788E-02	4.364E-03
742	4	228.30	3	-3.758E+02	-4.800E+03	3.646E+02	2.818E+03	-2.801E+04	5.479E+05	-2.788E-02	-3.179E-03
742	4	228.30	4	-3.758E+02	-4.800E+03	3.651E+02	3.062E+03	-2.804E+04	5.479E+05	-2.788E-02	-3.184E-03
742	4	228.30	5	-3.758E+02	-4.800E+03	-3.651E+02	-3.062E+03	2.753E+04	5.479E+05	-2.788E-02	3.011E-03
742	4	228.30	6	-3.758E+02	-4.800E+03	-3.646E+02	-2.818E+03	2.749E+04	5.479E+05	-2.788E-02	3.006E-03
742	4	228.30	7	-3.758E+02	-4.801E+03	5.247E+02	2.821E+03	-4.019E+04	5.479E+05	-2.788E-02	-4.537E-03
742	4	228.30	8	-3.758E+02	-4.801E+03	5.252E+02	3.065E+03	-4.023E+04	5.479E+05	-2.788E-02	-4.542E-03
742	4	228.30	9	-4.326E+02	-4.799E+03	-5.252E+02	-3.065E+03	3.968E+04	5.480E+05	-2.788E-02	4.358E-03
742	4	228.30	10	-4.326E+02	-4.799E+03	-5.247E+02	-2.821E+03	3.964E+04	5.480E+05	-2.788E-02	4.354E-03
742	4	228.30	11	-4.326E+02	-4.800E+03	3.646E+02	2.818E+03	-2.804E+04	5.479E+05	-2.788E-02	-3.190E-03
742	4	228.30	12	-4.326E+02	-4.800E+03	3.651E+02	3.062E+03	-2.807E+04	5.479E+05	-2.788E-02	-3.194E-03
742	4	228.30	13	-4.326E+02	-4.800E+03	-3.651E+02	-3.062E+03	2.750E+04	5.479E+05	-2.788E-02	3.001E-03
742	4	228.30	14	-4.326E+02	-4.800E+03	-3.646E+02	-2.818E+03	2.746E+04	5.479E+05	-2.788E-02	2.996E-03
742	4	228.30	15	-4.326E+02	-4.801E+03	5.247E+02	2.821E+03	-4.022E+04	5.479E+05	-2.788E-02	-4.548E-03
742	4	228.30	16	-4.326E+02	-4.801E+03	5.252E+02	3.065E+03	-4.026E+04	5.479E+05	-2.788E-02	-4.552E-03
742	5	304.40	1	-3.758E+02	-9.599E+03	-5.252E+02	-3.065E+03	7.967E+04	7.956E+01	1.916E-09	1.259E-09
742	5	304.40	2	-3.758E+02	-9.599E+03	-5.247E+02	-2.821E+03	7.960E+04	7.948E+01	1.916E-09	1.257E-09
742	5	304.40	3	-3.758E+02	-9.600E+03	3.646E+02	2.818E+03	-5.575E+04	-5.622E+01	1.917E-09	-2.146E-09
742	5	304.40	4	-3.758E+02	-9.600E+03	3.651E+02	3.062E+03	-5.583E+04	-5.631E+01	1.917E-09	-2.147E-09
742	5	304.40	5	-3.758E+02	-9.600E+03	-3.651E+02	-3.062E+03	5.531E+04	5.571E+01	1.916E-09	2.167E-09
742	5	304.40	6	-3.758E+02	-9.600E+03	-3.646E+02	-2.818E+03	5.524E+04	5.562E+01	1.916E-09	2.166E-09
742	5	304.40	7	-3.758E+02	-9.601E+03	5.247E+02	2.821E+03	-8.012E+04	-8.008E+01	1.917E-09	-1.237E-09
742	5	304.40	8	-3.758E+02	-9.601E+03	5.252E+02	3.065E+03	-8.019E+04	-8.016E+01	1.917E-09	-1.239E-09
742	5	304.40	9	-4.326E+02	-9.599E+03	-5.252E+02	-3.065E+03	7.964E+04	7.953E+01	1.916E-09	1.254E-09
742	5	304.40	10	-4.326E+02	-9.599E+03	-5.247E+02	-2.821E+03	7.957E+04	7.944E+01	1.916E-09	1.252E-09
742	5	304.40	11	-4.326E+02	-9.600E+03	3.646E+02	2.818E+03	-5.578E+04	-5.626E+01	1.917E-09	-2.151E-09
742	5	304.40	12	-4.326E+02	-9.600E+03	3.651E+02	3.062E+03	-5.586E+04	-5.635E+01	1.917E-09	-2.152E-09
742	5	304.40	13	-4.326E+02	-9.600E+03	-3.651E+02	-3.062E+03	5.528E+04	5.567E+01	1.916E-09	2.162E-09
742	5	304.40	14	-4.326E+02	-9.600E+03	-3.646E+02	-2.818E+03	5.521E+04	5.559E+01	1.916E-09	2.161E-09
742	5	304.40	15	-4.326E+02	-9.601E+03	5.247E+02	2.821E+03	-8.015E+04	-8.011E+01	1.917E-09	-1.242E-09
742	5	304.40	16	-4.326E+02	-9.601E+03	5.252E+02	3.065E+03	-8.022E+04	-8.020E+01	1.917E-09	-1.244E-09
743	1	0.00	1	9.166E+01	1.071E+04	2.984E+01	-3.084E+03	4.471E+03	4.365E+00	0.000E+00	0.000E+00
743	1	0.00	2	9.166E+01	1.071E+04	2.705E+01	-2.839E+03	4.048E+03	3.949E+00	0.000E+00	0.000E+00
743	1	0.00	3	9.166E+01	1.071E+04	-1.940E+02	2.841E+03	-2.959E+04	-2.903E+01	0.000E+00	0.000E+00
743	1	0.00	4	9.166E+01	1.071E+04	-1.967E+02	3.087E+03	-3.002E+04	-2.945E+01	0.000E+00	0.000E+00
743	1	0.00	5	9.166E+01	1.071E+04	1.967E+02	-3.087E+03	2.987E+04	2.927E+01	0.000E+00	0.000E+00
743	1	0.00	6	9.166E+01	1.071E+04	1.940E+02	-2.841E+03	2.945E+04	2.885E+01	0.000E+00	0.000E+00
743	1	0.00	7	9.166E+01	1.071E+04	-2.705E+01	2.839E+03	-4.188E+03	-4.125E+00	0.000E+00	0.000E+00
743	1	0.00	8	9.166E+01	1.071E+04	-2.984E+01	3.084E+03	-4.612E+03	-4.540E+00	0.000E+00	0.000E+00
743	1	0.00	9	9.004E+01	1.071E+04	2.984E+01	-3.084E+03	4.476E+03	4.370E+00	0.000E+00	0.000E+00
743	1	0.00	10	9.004E+01	1.071E+04	2.705E+01	-2.839E+03	4.053E+03	3.954E+00	0.000E+00	0.000E+00
743	1	0.00	11	9.004E+01	1.071E+04	-1.940E+02	2.841E+03	-2.959E+04	-2.903E+01	0.000E+00	0.000E+00
743	1	0.00	12	9.004E+01	1.071E+04	-1.967E+02	3.087E+03	-3.001E+04	-2.944E+01	0.000E+00	0.000E+00
743	1	0.00	13	9.004E+01	1.071E+04	1.967E+02	-3.087E+03	2.988E+04	2.928E+01	0.000E+00	0.000E+00
743	1	0.00	14	9.004E+01	1.071E+04	1.940E+02	-2.841E+03	2.946E+04	2.886E+01	0.000E+00	0.000E+00
743	1	0.00	15	9.004E+01	1.071E+04	-2.705E+01	2.839E+03	-4.183E+03	-4.120E+00	0.000E+00	0.000E+00
743	1	0.00	16	9.004E+01	1.071E+04	-2.984E+01	3.084E+03	-4.607E+03	-4.535E+00	0.000E+00	0.000E+00
743	2	76.10	1	9.166E+01	5.356E+03	2.984E+01	-3.084E+03	2.201E+03	6.113E+05	-3.111E-02	2.297E-04
743	2	76.10	2	9.166E+01	5.356E+03	2.705E+01	-2.839E+03	1.989E+03	6.113E+05	-3.111E-02	2.060E-04
743	2	76.10	3	9.166E+01	5.356E+03	-1.940E+02	2.841E+03	-1.483E+04	6.113E+05	-3.111E-02	-1.669E-03

743	2	76.10	4	9.166E+01	5.356E+03	-1.967E+02	3.087E+03	-1.504E+04	6.113E+05	-3.111E-02	-1.692E-03
743	2	76.10	5	9.166E+01	5.355E+03	1.967E+02	-3.087E+03	1.490E+04	6.113E+05	-3.111E-02	1.646E-03
743	2	76.10	6	9.166E+01	5.355E+03	1.940E+02	-2.841E+03	1.469E+04	6.113E+05	-3.111E-02	1.622E-03
743	2	76.10	7	9.166E+01	5.356E+03	-2.705E+01	2.839E+03	-2.129E+03	6.113E+05	-3.111E-02	-2.529E-04
743	2	76.10	8	9.166E+01	5.356E+03	-2.984E+01	3.084E+03	-2.341E+03	6.113E+05	-3.111E-02	-2.766E-04
743	2	76.10	9	9.004E+01	5.356E+03	2.984E+01	-3.084E+03	2.206E+03	6.113E+05	-3.111E-02	2.313E-04
743	2	76.10	10	9.004E+01	5.356E+03	2.705E+01	-2.839E+03	1.994E+03	6.113E+05	-3.111E-02	2.077E-04
743	2	76.10	11	9.004E+01	5.356E+03	-1.940E+02	2.841E+03	-1.483E+04	6.113E+05	-3.111E-02	-1.667E-03
743	2	76.10	12	9.004E+01	5.356E+03	-1.967E+02	3.087E+03	-1.504E+04	6.113E+05	-3.111E-02	-1.691E-03
743	2	76.10	13	9.004E+01	5.355E+03	1.967E+02	-3.087E+03	1.491E+04	6.113E+05	-3.111E-02	1.647E-03
743	2	76.10	14	9.004E+01	5.355E+03	1.940E+02	-2.841E+03	1.470E+04	6.113E+05	-3.111E-02	1.624E-03
743	2	76.10	15	9.004E+01	5.356E+03	-2.705E+01	2.839E+03	-2.124E+03	6.113E+05	-3.111E-02	-2.513E-04
743	2	76.10	16	9.004E+01	5.356E+03	-2.984E+01	3.084E+03	-2.336E+03	6.113E+05	-3.111E-02	-2.749E-04
743	3	152.20	1	9.166E+01	-2.925E-02	2.984E+01	-3.084E+03	-7.013E+01	8.151E+05	-4.341E-02	-3.127E-05
743	3	152.20	2	9.166E+01	-2.652E-02	2.705E+01	-2.839E+03	-7.013E+01	8.151E+05	-4.341E-02	-3.127E-05
743	3	152.20	3	9.166E+01	1.902E-01	-1.940E+02	2.841E+03	-7.013E+01	8.151E+05	-4.341E-02	-3.127E-05
743	3	152.20	4	9.166E+01	1.929E-01	-1.967E+02	3.087E+03	-7.013E+01	8.151E+05	-4.341E-02	-3.127E-05
743	3	152.20	5	9.166E+01	-1.929E-01	1.967E+02	-3.087E+03	-7.013E+01	8.151E+05	-4.341E-02	-3.127E-05
743	3	152.20	6	9.166E+01	-1.902E-01	1.940E+02	-2.841E+03	-7.013E+01	8.151E+05	-4.341E-02	-3.127E-05
743	3	152.20	7	9.166E+01	2.652E-02	-2.705E+01	2.839E+03	-7.013E+01	8.151E+05	-4.341E-02	-3.127E-05
743	3	152.20	8	9.166E+01	2.925E-02	-2.984E+01	3.084E+03	-7.013E+01	8.151E+05	-4.341E-02	-3.127E-05
743	3	152.20	9	9.004E+01	-2.925E-02	2.984E+01	-3.084E+03	-6.512E+01	8.151E+05	-4.341E-02	-2.904E-05
743	3	152.20	10	9.004E+01	-2.652E-02	2.705E+01	-2.839E+03	-6.512E+01	8.151E+05	-4.341E-02	-2.904E-05
743	3	152.20	11	9.004E+01	1.902E-01	-1.940E+02	2.841E+03	-6.512E+01	8.151E+05	-4.341E-02	-2.904E-05
743	3	152.20	12	9.004E+01	1.929E-01	-1.967E+02	3.087E+03	-6.512E+01	8.151E+05	-4.341E-02	-2.904E-05
743	3	152.20	13	9.004E+01	-1.929E-01	1.967E+02	-3.087E+03	-6.512E+01	8.151E+05	-4.341E-02	-2.904E-05
743	3	152.20	14	9.004E+01	-1.902E-01	1.940E+02	-2.841E+03	-6.512E+01	8.151E+05	-4.341E-02	-2.904E-05
743	3	152.20	15	9.004E+01	2.652E-02	-2.705E+01	2.839E+03	-6.512E+01	8.151E+05	-4.341E-02	-2.904E-05
743	3	152.20	16	9.004E+01	2.925E-02	-2.984E+01	3.084E+03	-6.512E+01	8.151E+05	-4.341E-02	-2.904E-05
743	4	228.30	1	9.166E+01	-5.356E+03	2.984E+01	-3.084E+03	-2.341E+03	6.113E+05	-3.111E-02	-2.766E-04
743	4	228.30	2	9.166E+01	-5.356E+03	2.705E+01	-2.839E+03	-2.129E+03	6.113E+05	-3.111E-02	-2.529E-04
743	4	228.30	3	9.166E+01	-5.355E+03	-1.940E+02	2.841E+03	1.469E+04	6.113E+05	-3.111E-02	1.622E-03
743	4	228.30	4	9.166E+01	-5.355E+03	-1.967E+02	3.087E+03	1.490E+04	6.113E+05	-3.111E-02	1.646E-03
743	4	228.30	5	9.166E+01	-5.356E+03	1.967E+02	-3.087E+03	-1.504E+04	6.113E+05	-3.111E-02	-1.692E-03
743	4	228.30	6	9.166E+01	-5.356E+03	1.940E+02	-2.841E+03	-1.483E+04	6.113E+05	-3.111E-02	-1.669E-03
743	4	228.30	7	9.166E+01	-5.356E+03	-2.705E+01	2.839E+03	1.989E+03	6.113E+05	-3.111E-02	2.060E-04
743	4	228.30	8	9.166E+01	-5.356E+03	-2.984E+01	3.084E+03	2.201E+03	6.113E+05	-3.111E-02	2.297E-04
743	4	228.30	9	9.004E+01	-5.356E+03	2.984E+01	-3.084E+03	-2.336E+03	6.113E+05	-3.111E-02	-2.749E-04
743	4	228.30	10	9.004E+01	-5.356E+03	2.705E+01	-2.839E+03	-2.124E+03	6.113E+05	-3.111E-02	-2.513E-04
743	4	228.30	11	9.004E+01	-5.355E+03	-1.940E+02	2.841E+03	1.470E+04	6.113E+05	-3.111E-02	1.624E-03
743	4	228.30	12	9.004E+01	-5.355E+03	-1.967E+02	3.087E+03	1.491E+04	6.113E+05	-3.111E-02	1.647E-03
743	4	228.30	13	9.004E+01	-5.356E+03	1.967E+02	-3.087E+03	-1.504E+04	6.113E+05	-3.111E-02	-1.691E-03
743	4	228.30	14	9.004E+01	-5.356E+03	1.940E+02	-2.841E+03	-1.483E+04	6.113E+05	-3.111E-02	-1.667E-03
743	4	228.30	15	9.004E+01	-5.356E+03	-2.705E+01	2.839E+03	1.994E+03	6.113E+05	-3.111E-02	2.077E-04
743	4	228.30	16	9.004E+01	-5.356E+03	-2.984E+01	3.084E+03	2.206E+03	6.113E+05	-3.111E-02	2.313E-04
743	5	304.40	1	9.166E+01	-1.071E+04	2.984E+01	-3.084E+03	-4.612E+03	-4.540E+00	1.932E-09	3.168E-10
743	5	304.40	2	9.166E+01	-1.071E+04	2.705E+01	-2.839E+03	-4.188E+03	-4.125E+00	1.932E-09	3.025E-10
743	5	304.40	3	9.166E+01	-1.071E+04	-1.940E+02	2.841E+03	2.945E+04	2.885E+01	1.932E-09	-8.519E-10
743	5	304.40	4	9.166E+01	-1.071E+04	-1.967E+02	3.087E+03	2.987E+04	2.927E+01	1.932E-09	-8.661E-10
743	5	304.40	5	9.166E+01	-1.071E+04	1.967E+02	-3.087E+03	-3.002E+04	-2.945E+01	1.932E-09	8.767E-10
743	5	304.40	6	9.166E+01	-1.071E+04	1.940E+02	-2.841E+03	-2.959E+04	-2.903E+01	1.932E-09	8.624E-10
743	5	304.40	7	9.166E+01	-1.071E+04	-2.705E+01	2.839E+03	4.048E+03	3.949E+00	1.932E-09	-2.920E-10
743	5	304.40	8	9.166E+01	-1.071E+04	-2.984E+01	3.084E+03	4.471E+03	4.365E+00	1.932E-09	-3.063E-10
743	5	304.40	9	9.004E+01	-1.071E+04	2.984E+01	-3.084E+03	-4.607E+03	-4.535E+00	1.932E-09	3.165E-10
743	5	304.40	10	9.004E+01	-1.071E+04	2.705E+01	-2.839E+03	-4.183E+03	-4.120E+00	1.932E-09	3.022E-10
743	5	304.40	11	9.004E+01	-1.071E+04	-1.940E+02	2.841E+03	2.946E+04	2.886E+01	1.932E-09	-8.522E-10
743	5	304.40	12	9.004E+01	-1.071E+04	-1.967E+02	3.087E+03	2.988E+04	2.928E+01	1.932E-09	-8.665E-10
743	5	304.40	13	9.004E+01	-1.071E+04	1.967E+02	-3.087E+03	-3.001E+04	-2.944E+01	1.932E-09	8.764E-10
743	5	304.40	14	9.004E+01	-1.071E+04	1.940E+02	-2.841E+03	-2.959E+04	-2.903E+01	1.932E-09	8.621E-10
743	5	304.40	15	9.004E+01	-1.071E+04	-2.705E+01	2.839E+03	4.053E+03	3.954E+00	1.932E-09	-2.923E-10
743	5	304.40	16	9.004E+01	-1.071E+04	-2.984E+01	3.084E+03	4.476E+03	4.370E+00	1.932E-09	-3.066E-10

FILE: astec009.bin											
Caso di carico: 9 - SLD con SISMAY PRINC (1xC1 + 1xC2 + 1xC3 + 0.8xC5 + 0.267xSismaX + 0.890xSismaY)											
Asta	**Prog.**	**Dist. (cm)**	**Sest.**	**N (kN)**	**Ty (kN)**	**Tz (kN)**	**Mx (kNm)**	**My (kNm)**	**Mz (kNm)**	**freccia Y (cm)**	**freccia Z (cm)**
1	1	0.00	1	-2.084E+05	6.555E+03	1.104E+04	0.000E+00	3.134E+06	-1.851E+06	0.000E+00	0.000E+00
1	1	0.00	2	-2.084E+05	6.555E+03	1.102E+04	0.000E+00	3.129E+06	-1.851E+06	0.000E+00	0.000E+00
1	1	0.00	3	-2.084E+05	-2.496E+03	1.104E+04	0.000E+00	3.134E+06	7.009E+05	0.000E+00	0.000E+00
1	1	0.00	4	-2.084E+05	-2.496E+03	1.102E+04	0.000E+00	3.129E+06	7.009E+05	0.000E+00	0.000E+00
1	1	0.00	5	-2.084E+05	6.555E+03	1.628E+04	0.000E+00	4.614E+06	-1.851E+06	0.000E+00	0.000E+00
1	1	0.00	6	-2.084E+05	6.555E+03	1.626E+04	0.000E+00	4.608E+06	-1.851E+06	0.000E+00	0.000E+00
1	1	0.00	7	-2.084E+05	-2.496E+03	1.628E+04	0.000E+00	4.614E+06	7.009E+05	0.000E+00	0.000E+00
1	1	0.00	8	-2.084E+05	-2.496E+03	1.626E+04	0.000E+00	4.608E+06	7.009E+05	0.000E+00	0.000E+00
1	1	0.00	9	-2.084E+05	6.555E+03	-1.626E+04	0.000E+00	-4.608E+06	-1.851E+06	0.000E+00	0.000E+00
1	1	0.00	10	-2.084E+05	6.555E+03	-1.628E+04	0.000E+00	-4.614E+06	-1.851E+06	0.000E+00	0.000E+00
1	1	0.00	11	-2.084E+05	-2.496E+03	-1.626E+04	0.000E+00	-4.608E+06	7.009E+05	0.000E+00	0.000E+00
1	1	0.00	12	-2.084E+05	-2.496E+03	-1.628E+04	0.000E+00	-4.614E+06	7.009E+05	0.000E+00	0.000E+00
1	1	0.00	13	-2.084E+05	6.555E+03	-1.102E+04	0.000E+00	-3.129E+06	-1.851E+06	0.000E+00	0.000E+00
1	1	0.00	14	-2.084E+05	6.555E+03	-1.104E+04	0.000E+00	-3.134E+06	-1.851E+06	0.000E+00	0.000E+00
1	1	0.00	15	-2.084E+05	-2.496E+03	-1.102E+04	0.000E+00	-3.129E+06	7.009E+05	0.000E+00	0.000E+00
1	1	0.00	16	-2.084E+05	-2.496E+03	-1.104E+04	0.000E+00	-3.134E+06	7.009E+05	0.000E+00	0.000E+00
1	2	68.75	1	-2.065E+05	6.555E+03	1.104E+04	0.000E+00	2.375E+06	-1.400E+06	3.483E-03	5.919E-03
1	2	68.75	2	-2.065E+05	6.555E+03	1.102E+04	0.000E+00	2.371E+06	-1.400E+06	3.483E-03	5.908E-03
1	2	68.75	3	-2.065E+05	-2.496E+03	1.104E+04	0.000E+00	2.375E+06	5.293E+05	-1.314E-03	5.919E-03
1	2	68.75	4	-2.065E+05	-2.496E+03	1.102E+04	0.000E+00	2.371E+06	5.293E+05	-1.314E-03	5.908E-03
1	2	68.75	5	-2.065E+05	6.555E+03	1.628E+04	0.000E+00	3.494E+06	-1.400E+06	3.483E-03	8.701E-03
1	2	68.75	6	-2.065E+05	6.555E+03	1.626E+04	0.000E+00	3.490E+06	-1.400E+06	3.483E-03	8.690E-03
1	2	68.75	7	-2.065E+05	-2.496E+03	1.628E+04	0.000E+00	3.494E+06	5.293E+05	-1.314E-03	8.701E-03
1	2	68.75	8	-2.065E+05	-2.496E+03	1.626E+04	0.000E+00	3.490E+06	5.293E+05	-1.314E-03	8.690E-03
1	2	68.75	9	-2.065E+05	6.555E+03	-1.626E+04	0.000E+00	-3.490E+06	-1.400E+06	3.483E-03	-8.690E-03
1	2	68.75	10	-2.065E+05	6.555E+03	-1.628E+04	0.000E+00	-3.494E+06	-1.400E+06	3.483E-03	-8.701E-03
1	2	68.75	11	-2.065E+05	-2.496E+03	-1.626E+04	0.000E+00	-3.490E+06	5.293E+05	-1.314E-03	-8.690E-03
1	2	68.75	12	-2.065E+05	-2.496E+03	-1.628E+04	0.000E+00	-3.494E+06	5.293E+05	-1.314E-03	-8.701E-03
1	2	68.75	13	-2.065E+05	6.555E+03	-1.102E+04	0.000E+00	-2.371E+06	-1.400E+06	3.483E-03	-5.908E-03
1	2	68.75	14	-2.065E+05	6.555E+03	-1.104E+04	0.000E+00	-2.375E+06	-1.400E+06	3.483E-03	-5.919E-03
1	2	68.75	15	-2.065E+05	-2.496E+03	-1.102E+04	0.000E+00	-2.371E+06	5.293E+05	-1.314E-03	-5.908E-03
1	2	68.75	16	-2.065E+05	-2.496E+03	-1.104E+04	0.000E+00	-2.375E+06	5.293E+05	-1.314E-03	-5.919E-03
1	3	137.50	1	-2.046E+05	6.555E+03	1.104E+04	0.000E+00	1.617E+06	-9.498E+05	4.009E-03	6.824E-03
1	3	137.50	2	-2.046E+05	6.555E+03	1.102E+04	0.000E+00	1.614E+06	-9.498E+05	4.009E-03	6.811E-03
1	3	137.50	3	-2.046E+05	-2.496E+03	1.104E+04	0.000E+00	1.617E+06	3.577E+05	-1.510E-03	6.824E-03
1	3	137.50	4	-2.046E+05	-2.496E+03	1.102E+04	0.000E+00	1.614E+06	3.577E+05	-1.510E-03	6.811E-03
1	3	137.50	5	-2.046E+05	6.555E+03	1.628E+04	0.000E+00	2.375E+06	-9.498E+05	4.009E-03	1.003E-02
1	3	137.50	6	-2.046E+05	6.555E+03	1.626E+04	0.000E+00	2.372E+06	-9.498E+05	4.009E-03	1.001E-02
1	3	137.50	7	-2.046E+05	-2.496E+03	1.628E+04	0.000E+00	2.375E+06	3.577E+05	-1.510E-03	1.003E-02
1	3	137.50	8	-2.046E+05	-2.496E+03	1.626E+04	0.000E+00	2.372E+06	3.577E+05	-1.510E-03	1.001E-02
1	3	137.50	9	-2.046E+05	6.555E+03	-1.626E+04	0.000E+00	-2.372E+06	-9.498E+05	4.009E-03	-1.001E-02
1	3	137.50	10	-2.046E+05	6.555E+03	-1.628E+04	0.000E+00	-2.375E+06	-9.498E+05	4.009E-03	-1.003E-02
1	3	137.50	11	-2.046E+05	-2.496E+03	-1.626E+04	0.000E+00	-2.372E+06	3.577E+05	-1.510E-03	-1.001E-02
1	3	137.50	12	-2.046E+05	-2.496E+03	-1.628E+04	0.000E+00	-2.375E+06	3.577E+05	-1.510E-03	-1.003E-02
1	3	137.50	13	-2.046E+05	6.555E+03	-1.102E+04	0.000E+00	-1.614E+06	-9.498E+05	4.009E-03	-6.811E-03
1	3	137.50	14	-2.046E+05	6.555E+03	-1.104E+04	0.000E+00	-1.617E+06	-9.498E+05	4.009E-03	-6.824E-03
1	3	137.50	15	-2.046E+05	-2.496E+03	-1.102E+04	0.000E+00	-1.614E+06	3.577E+05	-1.510E-03	-6.811E-03
1	3	137.50	16	-2.046E+05	-2.496E+03	-1.104E+04	0.000E+00	-1.617E+06	3.577E+05	-1.510E-03	-6.824E-03
1	4	206.25	1	-2.026E+05	6.555E+03	1.104E+04	0.000E+00	8.578E+05	-4.991E+05	2.531E-03	4.317E-03
1	4	206.25	2	-2.026E+05	6.555E+03	1.102E+04	0.000E+00	8.561E+05	-4.991E+05	2.531E-03	4.309E-03
1	4	206.25	3	-2.026E+05	-2.496E+03	1.104E+04	0.000E+00	8.578E+05	1.861E+05	-9.514E-04	4.317E-03
1	4	206.25	4	-2.026E+05	-2.496E+03	1.102E+04	0.000E+00	8.561E+05	1.861E+05	-9.514E-04	4.309E-03
1	4	206.25	5	-2.026E+05	6.555E+03	1.628E+04	0.000E+00	1.256E+06	-4.991E+05	2.531E-03	6.339E-03
1	4	206.25	6	-2.026E+05	6.555E+03	1.626E+04	0.000E+00	1.254E+06	-4.991E+05	2.531E-03	6.331E-03
1	4	206.25	7	-2.026E+05	-2.496E+03	1.628E+04	0.000E+00	1.256E+06	1.861E+05	-9.514E-04	6.339E-03
1	4	206.25	8	-2.026E+05	-2.496E+03	1.626E+04	0.000E+00	1.254E+06	1.861E+05	-9.514E-04	6.331E-03
1	4	206.25	9	-2.026E+05	6.555E+03	-1.626E+04	0.000E+00	-1.254E+06	-4.991E+05	2.531E-03	-6.331E-03
1	4	206.25	10	-2.026E+05	6.555E+03	-1.628E+04	0.000E+00	-1.256E+06	-4.991E+05	2.531E-03	-6.339E-03

1	4	206.25	11	-2.026E+05	-2.496E+03	-1.626E+04	0.000E+00	-1.254E+06	1.861E+05	-9.514E-04	-6.331E-03
1	4	206.25	12	-2.026E+05	-2.496E+03	-1.628E+04	0.000E+00	-1.256E+06	1.861E+05	-9.514E-04	-6.339E-03
1	4	206.25	13	-2.026E+05	6.555E+03	-1.102E+04	0.000E+00	-8.561E+05	-4.991E+05	2.531E-03	-4.309E-03
1	4	206.25	14	-2.026E+05	6.555E+03	-1.104E+04	0.000E+00	-8.578E+05	-4.991E+05	2.531E-03	-4.317E-03
1	4	206.25	15	-2.026E+05	-2.496E+03	-1.102E+04	0.000E+00	-8.561E+05	1.861E+05	-9.514E-04	-4.309E-03
1	4	206.25	16	-2.026E+05	-2.496E+03	-1.104E+04	0.000E+00	-8.578E+05	1.861E+05	-9.514E-04	-4.317E-03
1	5	275.00	1	-2.007E+05	6.555E+03	1.104E+04	0.000E+00	1.005E+05	-4.839E+04	-3.574E-10	1.848E-09
1	5	275.00	2	-2.007E+05	6.555E+03	1.102E+04	0.000E+00	1.002E+05	-4.839E+04	-3.574E-10	1.846E-09
1	5	275.00	3	-2.007E+05	-2.496E+03	1.104E+04	0.000E+00	1.005E+05	1.451E+04	6.676E-10	1.848E-09
1	5	275.00	4	-2.007E+05	-2.496E+03	1.102E+04	0.000E+00	1.002E+05	1.451E+04	6.676E-10	1.846E-09
1	5	275.00	5	-2.007E+05	6.555E+03	1.628E+04	0.000E+00	1.387E+05	-4.839E+04	-3.574E-10	1.247E-09
1	5	275.00	6	-2.007E+05	6.555E+03	1.626E+04	0.000E+00	1.384E+05	-4.839E+04	-3.574E-10	1.245E-09
1	5	275.00	7	-2.007E+05	-2.496E+03	1.628E+04	0.000E+00	1.387E+05	1.451E+04	6.676E-10	1.247E-09
1	5	275.00	8	-2.007E+05	-2.496E+03	1.626E+04	0.000E+00	1.384E+05	1.451E+04	6.676E-10	1.245E-09
1	5	275.00	9	-2.007E+05	6.555E+03	-1.626E+04	0.000E+00	-1.384E+05	-4.839E+04	-3.574E-10	-1.245E-09
1	5	275.00	10	-2.007E+05	6.555E+03	-1.628E+04	0.000E+00	-1.387E+05	-4.839E+04	-3.574E-10	-1.247E-09
1	5	275.00	11	-2.007E+05	-2.496E+03	-1.626E+04	0.000E+00	-1.384E+05	1.451E+04	6.676E-10	-1.245E-09
1	5	275.00	12	-2.007E+05	-2.496E+03	-1.628E+04	0.000E+00	-1.387E+05	1.451E+04	6.676E-10	-1.247E-09
1	5	275.00	13	-2.007E+05	6.555E+03	-1.102E+04	0.000E+00	-1.002E+05	-4.839E+04	-3.574E-10	-1.846E-09
1	5	275.00	14	-2.007E+05	6.555E+03	-1.104E+04	0.000E+00	-1.005E+05	-4.839E+04	-3.574E-10	-1.848E-09
1	5	275.00	15	-2.007E+05	-2.496E+03	-1.102E+04	0.000E+00	-1.002E+05	1.451E+04	6.676E-10	-1.846E-09
1	5	275.00	16	-2.007E+05	-2.496E+03	-1.104E+04	0.000E+00	-1.005E+05	1.451E+04	6.676E-10	-1.848E-09
2	1	0.00	1	-2.137E+05	2.947E+03	2.604E+04	0.000E+00	1.214E+07	-1.376E+06	0.000E+00	0.000E+00
2	1	0.00	2	-2.137E+05	2.947E+03	2.603E+04	0.000E+00	1.213E+07	-1.376E+06	0.000E+00	0.000E+00
2	1	0.00	3	-2.137E+05	-1.950E+03	2.604E+04	0.000E+00	1.214E+07	9.096E+05	0.000E+00	0.000E+00
2	1	0.00	4	-2.137E+05	-1.950E+03	2.603E+04	0.000E+00	1.213E+07	9.096E+05	0.000E+00	0.000E+00
2	1	0.00	5	-2.137E+05	2.947E+03	3.040E+04	0.000E+00	1.417E+07	-1.376E+06	0.000E+00	0.000E+00
2	1	0.00	6	-2.137E+05	2.947E+03	3.039E+04	0.000E+00	1.417E+07	-1.376E+06	0.000E+00	0.000E+00
2	1	0.00	7	-2.137E+05	-1.950E+03	3.040E+04	0.000E+00	1.417E+07	9.096E+05	0.000E+00	0.000E+00
2	1	0.00	8	-2.137E+05	-1.950E+03	3.039E+04	0.000E+00	1.417E+07	9.096E+05	0.000E+00	0.000E+00
2	1	0.00	9	-2.137E+05	2.947E+03	-3.039E+04	0.000E+00	-1.417E+07	-1.376E+06	0.000E+00	0.000E+00
2	1	0.00	10	-2.137E+05	2.947E+03	-3.040E+04	0.000E+00	-1.417E+07	-1.376E+06	0.000E+00	0.000E+00
2	1	0.00	11	-2.137E+05	-1.950E+03	-3.039E+04	0.000E+00	-1.417E+07	9.096E+05	0.000E+00	0.000E+00
2	1	0.00	12	-2.137E+05	-1.950E+03	-3.040E+04	0.000E+00	-1.417E+07	9.096E+05	0.000E+00	0.000E+00
2	1	0.00	13	-2.137E+05	2.947E+03	-2.603E+04	0.000E+00	-1.213E+07	-1.376E+06	0.000E+00	0.000E+00
2	1	0.00	14	-2.137E+05	2.947E+03	-2.604E+04	0.000E+00	-1.214E+07	-1.376E+06	0.000E+00	0.000E+00
2	1	0.00	15	-2.137E+05	-1.950E+03	-2.603E+04	0.000E+00	-1.213E+07	9.096E+05	0.000E+00	0.000E+00
2	1	0.00	16	-2.137E+05	-1.950E+03	-2.604E+04	0.000E+00	-1.214E+07	9.096E+05	0.000E+00	0.000E+00
2	2	115.00	1	-2.104E+05	2.947E+03	2.604E+04	0.000E+00	9.144E+06	-1.037E+06	7.186E-03	6.332E-02
2	2	115.00	2	-2.104E+05	2.947E+03	2.603E+04	0.000E+00	9.140E+06	-1.037E+06	7.186E-03	6.329E-02
2	2	115.00	3	-2.104E+05	-1.950E+03	2.604E+04	0.000E+00	9.144E+06	6.854E+05	-4.747E-03	6.332E-02
2	2	115.00	4	-2.104E+05	-1.950E+03	2.603E+04	0.000E+00	9.140E+06	6.854E+05	-4.747E-03	6.329E-02
2	2	115.00	5	-2.104E+05	2.947E+03	3.040E+04	0.000E+00	1.068E+07	-1.037E+06	7.186E-03	7.394E-02
2	2	115.00	6	-2.104E+05	2.947E+03	3.039E+04	0.000E+00	1.067E+07	-1.037E+06	7.186E-03	7.391E-02
2	2	115.00	7	-2.104E+05	-1.950E+03	3.040E+04	0.000E+00	1.068E+07	6.854E+05	-4.747E-03	7.394E-02
2	2	115.00	8	-2.104E+05	-1.950E+03	3.039E+04	0.000E+00	1.067E+07	6.854E+05	-4.747E-03	7.391E-02
2	2	115.00	9	-2.104E+05	2.947E+03	-3.039E+04	0.000E+00	-1.067E+07	-1.037E+06	7.186E-03	-7.391E-02
2	2	115.00	10	-2.104E+05	2.947E+03	-3.040E+04	0.000E+00	-1.068E+07	-1.037E+06	7.186E-03	-7.394E-02
2	2	115.00	11	-2.104E+05	-1.950E+03	-3.039E+04	0.000E+00	-1.067E+07	6.854E+05	-4.747E-03	-7.391E-02
2	2	115.00	12	-2.104E+05	-1.950E+03	-3.040E+04	0.000E+00	-1.068E+07	6.854E+05	-4.747E-03	-7.394E-02
2	2	115.00	13	-2.104E+05	2.947E+03	-2.603E+04	0.000E+00	-9.140E+06	-1.037E+06	7.186E-03	-6.329E-02
2	2	115.00	14	-2.104E+05	2.947E+03	-2.604E+04	0.000E+00	-9.144E+06	-1.037E+06	7.186E-03	-6.332E-02
2	2	115.00	15	-2.104E+05	-1.950E+03	-2.603E+04	0.000E+00	-9.140E+06	6.854E+05	-4.747E-03	-6.329E-02
2	2	115.00	16	-2.104E+05	-1.950E+03	-2.604E+04	0.000E+00	-9.144E+06	6.854E+05	-4.747E-03	-6.332E-02
2	3	230.00	1	-2.072E+05	2.947E+03	2.604E+04	0.000E+00	6.149E+06	-6.983E+05	8.248E-03	7.263E-02
2	3	230.00	2	-2.072E+05	2.947E+03	2.603E+04	0.000E+00	6.147E+06	-6.983E+05	8.248E-03	7.260E-02
2	3	230.00	3	-2.072E+05	-1.950E+03	2.604E+04	0.000E+00	6.149E+06	4.611E+05	-5.447E-03	7.263E-02
2	3	230.00	4	-2.072E+05	-1.950E+03	2.603E+04	0.000E+00	6.147E+06	4.611E+05	-5.447E-03	7.260E-02
2	3	230.00	5	-2.072E+05	2.947E+03	3.040E+04	0.000E+00	7.181E+06	-6.983E+05	8.248E-03	8.482E-02
2	3	230.00	6	-2.072E+05	2.947E+03	3.039E+04	0.000E+00	7.179E+06	-6.983E+05	8.248E-03	8.479E-02
2	3	230.00	7	-2.072E+05	-1.950E+03	3.040E+04	0.000E+00	7.181E+06	4.611E+05	-5.447E-03	8.482E-02
2	3	230.00	8	-2.072E+05	-1.950E+03	3.039E+04	0.000E+00	7.179E+06	4.611E+05	-5.447E-03	8.479E-02

2	3	230.00	9	-2.072E+05	2.947E+03	-3.039E+04	0.000E+00	-7.179E+06	-6.983E+05	8.248E-03	-8.479E-02
2	3	230.00	10	-2.072E+05	2.947E+03	-3.040E+04	0.000E+00	-7.181E+06	-6.983E+05	8.248E-03	-8.482E-02
2	3	230.00	11	-2.072E+05	-1.950E+03	-3.039E+04	0.000E+00	-7.179E+06	4.611E+05	-5.447E-03	-8.479E-02
2	3	230.00	12	-2.072E+05	-1.950E+03	-3.040E+04	0.000E+00	-7.181E+06	4.611E+05	-5.447E-03	-8.482E-02
2	3	230.00	13	-2.072E+05	2.947E+03	-2.603E+04	0.000E+00	-6.147E+06	-6.983E+05	8.248E-03	-7.260E-02
2	3	230.00	14	-2.072E+05	2.947E+03	-2.604E+04	0.000E+00	-6.149E+06	-6.983E+05	8.248E-03	-7.263E-02
2	3	230.00	15	-2.072E+05	-1.950E+03	-2.603E+04	0.000E+00	-6.147E+06	4.611E+05	-5.447E-03	-7.260E-02
2	3	230.00	16	-2.072E+05	-1.950E+03	-2.604E+04	0.000E+00	-6.149E+06	4.611E+05	-5.447E-03	-7.263E-02
2	4	345.00	1	-2.039E+05	2.947E+03	2.604E+04	0.000E+00	3.155E+06	-3.594E+05	5.185E-03	4.563E-02
2	4	345.00	2	-2.039E+05	2.947E+03	2.603E+04	0.000E+00	3.153E+06	-3.594E+05	5.185E-03	4.561E-02
2	4	345.00	3	-2.039E+05	-1.950E+03	2.604E+04	0.000E+00	3.155E+06	2.369E+05	-3.423E-03	4.563E-02
2	4	345.00	4	-2.039E+05	-1.950E+03	2.603E+04	0.000E+00	3.153E+06	2.369E+05	-3.423E-03	4.561E-02
2	4	345.00	5	-2.039E+05	2.947E+03	3.040E+04	0.000E+00	3.685E+06	-3.594E+05	5.185E-03	5.329E-02
2	4	345.00	6	-2.039E+05	2.947E+03	3.039E+04	0.000E+00	3.683E+06	-3.594E+05	5.185E-03	5.327E-02
2	4	345.00	7	-2.039E+05	-1.950E+03	3.040E+04	0.000E+00	3.685E+06	2.369E+05	-3.423E-03	5.329E-02
2	4	345.00	8	-2.039E+05	-1.950E+03	3.039E+04	0.000E+00	3.683E+06	2.369E+05	-3.423E-03	5.327E-02
2	4	345.00	9	-2.039E+05	2.947E+03	-3.039E+04	0.000E+00	-3.683E+06	-3.594E+05	5.185E-03	-5.327E-02
2	4	345.00	10	-2.039E+05	2.947E+03	-3.040E+04	0.000E+00	-3.685E+06	-3.594E+05	5.185E-03	-5.329E-02
2	4	345.00	11	-2.039E+05	-1.950E+03	-3.039E+04	0.000E+00	-3.683E+06	2.369E+05	-3.423E-03	-5.327E-02
2	4	345.00	12	-2.039E+05	-1.950E+03	-3.040E+04	0.000E+00	-3.685E+06	2.369E+05	-3.423E-03	-5.329E-02
2	4	345.00	13	-2.039E+05	2.947E+03	-2.603E+04	0.000E+00	-3.153E+06	-3.594E+05	5.185E-03	-4.561E-02
2	4	345.00	14	-2.039E+05	2.947E+03	-2.604E+04	0.000E+00	-3.155E+06	-3.594E+05	5.185E-03	-4.563E-02
2	4	345.00	15	-2.039E+05	-1.950E+03	-2.603E+04	0.000E+00	-3.153E+06	2.369E+05	-3.423E-03	-4.561E-02
2	4	345.00	16	-2.039E+05	-1.950E+03	-2.604E+04	0.000E+00	-3.155E+06	2.369E+05	-3.423E-03	-4.563E-02
2	5	460.00	1	-2.007E+05	2.947E+03	2.604E+04	0.000E+00	1.610E+05	-2.053E+04	7.845E-10	-1.236E-08
2	5	460.00	2	-2.007E+05	2.947E+03	2.603E+04	0.000E+00	1.608E+05	-2.053E+04	7.845E-10	-1.236E-08
2	5	460.00	3	-2.007E+05	-1.950E+03	2.604E+04	0.000E+00	1.610E+05	1.270E+04	-6.237E-10	-1.236E-08
2	5	460.00	4	-2.007E+05	-1.950E+03	2.603E+04	0.000E+00	1.608E+05	1.270E+04	-6.237E-10	-1.236E-08
2	5	460.00	5	-2.007E+05	2.947E+03	3.040E+04	0.000E+00	1.892E+05	-2.053E+04	7.845E-10	-1.314E-08
2	5	460.00	6	-2.007E+05	2.947E+03	3.039E+04	0.000E+00	1.889E+05	-2.053E+04	7.845E-10	-1.313E-08
2	5	460.00	7	-2.007E+05	-1.950E+03	3.040E+04	0.000E+00	1.892E+05	1.270E+04	-6.237E-10	-1.314E-08
2	5	460.00	8	-2.007E+05	-1.950E+03	3.039E+04	0.000E+00	1.889E+05	1.270E+04	-6.237E-10	-1.313E-08
2	5	460.00	9	-2.007E+05	2.947E+03	-3.039E+04	0.000E+00	-1.889E+05	-2.053E+04	7.845E-10	1.313E-08
2	5	460.00	10	-2.007E+05	2.947E+03	-3.040E+04	0.000E+00	-1.892E+05	-2.053E+04	7.845E-10	1.314E-08
2	5	460.00	11	-2.007E+05	-1.950E+03	-3.039E+04	0.000E+00	-1.889E+05	1.270E+04	-6.237E-10	1.313E-08
2	5	460.00	12	-2.007E+05	-1.950E+03	-3.040E+04	0.000E+00	-1.892E+05	1.270E+04	-6.237E-10	1.314E-08
2	5	460.00	13	-2.007E+05	2.947E+03	-2.603E+04	0.000E+00	-1.608E+05	-2.053E+04	7.845E-10	1.236E-08
2	5	460.00	14	-2.007E+05	2.947E+03	-2.604E+04	0.000E+00	-1.610E+05	-2.053E+04	7.845E-10	1.236E-08
2	5	460.00	15	-2.007E+05	-1.950E+03	-2.603E+04	0.000E+00	-1.608E+05	1.270E+04	-6.237E-10	1.236E-08
2	5	460.00	16	-2.007E+05	-1.950E+03	-2.604E+04	0.000E+00	-1.610E+05	1.270E+04	-6.237E-10	1.236E-08
3	1	0.00	1	-2.137E+05	3.870E+03	2.725E+04	0.000E+00	1.273E+07	-1.803E+06	0.000E+00	0.000E+00
3	1	0.00	2	-2.137E+05	3.870E+03	2.724E+04	0.000E+00	1.272E+07	-1.803E+06	0.000E+00	0.000E+00
3	1	0.00	3	-2.137E+05	-3.074E+03	2.725E+04	0.000E+00	1.273E+07	1.429E+06	0.000E+00	0.000E+00
3	1	0.00	4	-2.137E+05	-3.074E+03	2.724E+04	0.000E+00	1.272E+07	1.429E+06	0.000E+00	0.000E+00
3	1	0.00	5	-2.137E+05	3.870E+03	3.104E+04	0.000E+00	1.450E+07	-1.803E+06	0.000E+00	0.000E+00
3	1	0.00	6	-2.137E+05	3.870E+03	3.103E+04	0.000E+00	1.450E+07	-1.803E+06	0.000E+00	0.000E+00
3	1	0.00	7	-2.137E+05	-3.074E+03	3.104E+04	0.000E+00	1.450E+07	1.429E+06	0.000E+00	0.000E+00
3	1	0.00	8	-2.137E+05	-3.074E+03	3.103E+04	0.000E+00	1.450E+07	1.429E+06	0.000E+00	0.000E+00
3	1	0.00	9	-2.137E+05	3.870E+03	-3.103E+04	0.000E+00	-1.450E+07	-1.803E+06	0.000E+00	0.000E+00
3	1	0.00	10	-2.137E+05	3.870E+03	-3.104E+04	0.000E+00	-1.450E+07	-1.803E+06	0.000E+00	0.000E+00
3	1	0.00	11	-2.137E+05	-3.074E+03	-3.103E+04	0.000E+00	-1.450E+07	1.429E+06	0.000E+00	0.000E+00
3	1	0.00	12	-2.137E+05	-3.074E+03	-3.104E+04	0.000E+00	-1.450E+07	1.429E+06	0.000E+00	0.000E+00
3	1	0.00	13	-2.137E+05	3.870E+03	-2.724E+04	0.000E+00	-1.272E+07	-1.803E+06	0.000E+00	0.000E+00
3	1	0.00	14	-2.137E+05	3.870E+03	-2.725E+04	0.000E+00	-1.273E+07	-1.803E+06	0.000E+00	0.000E+00
3	1	0.00	15	-2.137E+05	-3.074E+03	-2.724E+04	0.000E+00	-1.272E+07	1.429E+06	0.000E+00	0.000E+00
3	1	0.00	16	-2.137E+05	-3.074E+03	-2.725E+04	0.000E+00	-1.273E+07	1.429E+06	0.000E+00	0.000E+00
3	2	115.00	1	-2.104E+05	3.870E+03	2.725E+04	0.000E+00	9.594E+06	-1.358E+06	9.399E-03	6.648E-02
3	2	115.00	2	-2.104E+05	3.870E+03	2.724E+04	0.000E+00	9.592E+06	-1.358E+06	9.399E-03	6.647E-02
3	2	115.00	3	-2.104E+05	-3.074E+03	2.725E+04	0.000E+00	9.594E+06	1.076E+06	-7.442E-03	6.648E-02
3	2	115.00	4	-2.104E+05	-3.074E+03	2.724E+04	0.000E+00	9.592E+06	1.076E+06	-7.442E-03	6.647E-02
3	2	115.00	5	-2.104E+05	3.870E+03	3.104E+04	0.000E+00	1.093E+07	-1.358E+06	9.399E-03	7.574E-02
3	2	115.00	6	-2.104E+05	3.870E+03	3.103E+04	0.000E+00	1.093E+07	-1.358E+06	9.399E-03	7.572E-02

3	2	115.00	7	-2.104E+05	-3.074E+03	3.104E+04	0.000E+00	1.093E+07	1.076E+06	-7.442E-03	7.574E-02
3	2	115.00	8	-2.104E+05	-3.074E+03	3.103E+04	0.000E+00	1.093E+07	1.076E+06	-7.442E-03	7.572E-02
3	2	115.00	9	-2.104E+05	3.870E+03	-3.103E+04	0.000E+00	-1.093E+07	-1.358E+06	9.399E-03	-7.572E-02
3	2	115.00	10	-2.104E+05	3.870E+03	-3.104E+04	0.000E+00	-1.093E+07	-1.358E+06	9.399E-03	-7.574E-02
3	2	115.00	11	-2.104E+05	-3.074E+03	-3.103E+04	0.000E+00	-1.093E+07	1.076E+06	-7.442E-03	-7.572E-02
3	2	115.00	12	-2.104E+05	-3.074E+03	-3.104E+04	0.000E+00	-1.093E+07	1.076E+06	-7.442E-03	-7.574E-02
3	2	115.00	13	-2.104E+05	3.870E+03	-2.724E+04	0.000E+00	-9.592E+06	-1.358E+06	9.399E-03	-6.647E-02
3	2	115.00	14	-2.104E+05	3.870E+03	-2.725E+04	0.000E+00	-9.594E+06	-1.358E+06	9.399E-03	-6.648E-02
3	2	115.00	15	-2.104E+05	-3.074E+03	-2.724E+04	0.000E+00	-9.592E+06	1.076E+06	-7.442E-03	-6.647E-02
3	2	115.00	16	-2.104E+05	-3.074E+03	-2.725E+04	0.000E+00	-9.594E+06	1.076E+06	-7.442E-03	-6.648E-02
3	3	230.00	1	-2.072E+05	3.870E+03	2.725E+04	0.000E+00	6.460E+06	-9.126E+05	1.078E-02	7.631E-02
3	3	230.00	2	-2.072E+05	3.870E+03	2.724E+04	0.000E+00	6.459E+06	-9.126E+05	1.078E-02	7.629E-02
3	3	230.00	3	-2.072E+05	-3.074E+03	2.725E+04	0.000E+00	6.460E+06	7.223E+05	-8.531E-03	7.631E-02
3	3	230.00	4	-2.072E+05	-3.074E+03	2.724E+04	0.000E+00	6.459E+06	7.223E+05	-8.531E-03	7.629E-02
3	3	230.00	5	-2.072E+05	3.870E+03	3.104E+04	0.000E+00	7.360E+06	-9.126E+05	1.078E-02	8.693E-02
3	3	230.00	6	-2.072E+05	3.870E+03	3.103E+04	0.000E+00	7.358E+06	-9.126E+05	1.078E-02	8.691E-02
3	3	230.00	7	-2.072E+05	-3.074E+03	3.104E+04	0.000E+00	7.360E+06	7.223E+05	-8.531E-03	8.693E-02
3	3	230.00	8	-2.072E+05	-3.074E+03	3.103E+04	0.000E+00	7.358E+06	7.223E+05	-8.531E-03	8.691E-02
3	3	230.00	9	-2.072E+05	3.870E+03	-3.103E+04	0.000E+00	-7.358E+06	-9.126E+05	1.078E-02	-8.691E-02
3	3	230.00	10	-2.072E+05	3.870E+03	-3.104E+04	0.000E+00	-7.360E+06	-9.126E+05	1.078E-02	-8.693E-02
3	3	230.00	11	-2.072E+05	-3.074E+03	-3.103E+04	0.000E+00	-7.358E+06	7.223E+05	-8.531E-03	-8.691E-02
3	3	230.00	12	-2.072E+05	-3.074E+03	-3.104E+04	0.000E+00	-7.360E+06	7.223E+05	-8.531E-03	-8.693E-02
3	3	230.00	13	-2.072E+05	3.870E+03	-2.724E+04	0.000E+00	-6.459E+06	-9.126E+05	1.078E-02	-7.629E-02
3	3	230.00	14	-2.072E+05	3.870E+03	-2.725E+04	0.000E+00	-6.460E+06	-9.126E+05	1.078E-02	-7.631E-02
3	3	230.00	15	-2.072E+05	-3.074E+03	-2.724E+04	0.000E+00	-6.459E+06	7.223E+05	-8.531E-03	-7.629E-02
3	3	230.00	16	-2.072E+05	-3.074E+03	-2.725E+04	0.000E+00	-6.460E+06	7.223E+05	-8.531E-03	-7.631E-02
3	4	345.00	1	-2.039E+05	3.870E+03	2.725E+04	0.000E+00	3.327E+06	-4.676E+05	6.771E-03	4.798E-02
3	4	345.00	2	-2.039E+05	3.870E+03	2.724E+04	0.000E+00	3.326E+06	-4.676E+05	6.771E-03	4.797E-02
3	4	345.00	3	-2.039E+05	-3.074E+03	2.725E+04	0.000E+00	3.327E+06	3.687E+05	-5.354E-03	4.798E-02
3	4	345.00	4	-2.039E+05	-3.074E+03	2.724E+04	0.000E+00	3.326E+06	3.687E+05	-5.354E-03	4.797E-02
3	4	345.00	5	-2.039E+05	3.870E+03	3.104E+04	0.000E+00	3.790E+06	-4.676E+05	6.771E-03	5.466E-02
3	4	345.00	6	-2.039E+05	3.870E+03	3.103E+04	0.000E+00	3.789E+06	-4.676E+05	6.771E-03	5.464E-02
3	4	345.00	7	-2.039E+05	-3.074E+03	3.104E+04	0.000E+00	3.790E+06	3.687E+05	-5.354E-03	5.466E-02
3	4	345.00	8	-2.039E+05	-3.074E+03	3.103E+04	0.000E+00	3.789E+06	3.687E+05	-5.354E-03	5.464E-02
3	4	345.00	9	-2.039E+05	3.870E+03	-3.103E+04	0.000E+00	-3.789E+06	-4.676E+05	6.771E-03	-5.464E-02
3	4	345.00	10	-2.039E+05	3.870E+03	-3.104E+04	0.000E+00	-3.790E+06	-4.676E+05	6.771E-03	-5.466E-02
3	4	345.00	11	-2.039E+05	-3.074E+03	-3.103E+04	0.000E+00	-3.789E+06	3.687E+05	-5.354E-03	-5.464E-02
3	4	345.00	12	-2.039E+05	-3.074E+03	-3.104E+04	0.000E+00	-3.790E+06	3.687E+05	-5.354E-03	-5.466E-02
3	4	345.00	13	-2.039E+05	3.870E+03	-2.724E+04	0.000E+00	-3.326E+06	-4.676E+05	6.771E-03	-4.797E-02
3	4	345.00	14	-2.039E+05	3.870E+03	-2.725E+04	0.000E+00	-3.327E+06	-4.676E+05	6.771E-03	-4.798E-02
3	4	345.00	15	-2.039E+05	-3.074E+03	-2.724E+04	0.000E+00	-3.326E+06	3.687E+05	-5.354E-03	-4.797E-02
3	4	345.00	16	-2.039E+05	-3.074E+03	-2.725E+04	0.000E+00	-3.327E+06	3.687E+05	-5.354E-03	-4.798E-02
3	5	460.00	1	-2.007E+05	3.870E+03	2.725E+04	0.000E+00	1.948E+05	-2.260E+04	-7.154E-10	1.461E-08
3	5	460.00	2	-2.007E+05	3.870E+03	2.724E+04	0.000E+00	1.946E+05	-2.260E+04	-7.154E-10	1.461E-08
3	5	460.00	3	-2.007E+05	-3.074E+03	2.725E+04	0.000E+00	1.948E+05	1.522E+04	3.235E-10	1.461E-08
3	5	460.00	4	-2.007E+05	-3.074E+03	2.724E+04	0.000E+00	1.946E+05	1.522E+04	3.235E-10	1.461E-08
3	5	460.00	5	-2.007E+05	3.870E+03	3.104E+04	0.000E+00	2.223E+05	-2.260E+04	-7.154E-10	1.296E-08
3	5	460.00	6	-2.007E+05	3.870E+03	3.103E+04	0.000E+00	2.221E+05	-2.260E+04	-7.154E-10	1.296E-08
3	5	460.00	7	-2.007E+05	-3.074E+03	3.104E+04	0.000E+00	2.223E+05	1.522E+04	3.235E-10	1.296E-08
3	5	460.00	8	-2.007E+05	-3.074E+03	3.103E+04	0.000E+00	2.221E+05	1.522E+04	3.235E-10	1.296E-08
3	5	460.00	9	-2.007E+05	3.870E+03	-3.103E+04	0.000E+00	-2.221E+05	-2.260E+04	-7.154E-10	-1.296E-08
3	5	460.00	10	-2.007E+05	3.870E+03	-3.104E+04	0.000E+00	-2.223E+05	-2.260E+04	-7.154E-10	-1.296E-08
3	5	460.00	11	-2.007E+05	-3.074E+03	-3.103E+04	0.000E+00	-2.221E+05	1.522E+04	3.235E-10	-1.296E-08
3	5	460.00	12	-2.007E+05	-3.074E+03	-3.104E+04	0.000E+00	-2.223E+05	1.522E+04	3.235E-10	-1.296E-08
3	5	460.00	13	-2.007E+05	3.870E+03	-2.724E+04	0.000E+00	-1.946E+05	-2.260E+04	-7.154E-10	-1.461E-08
3	5	460.00	14	-2.007E+05	3.870E+03	-2.725E+04	0.000E+00	-1.948E+05	-2.260E+04	-7.154E-10	-1.461E-08
3	5	460.00	15	-2.007E+05	-3.074E+03	-2.724E+04	0.000E+00	-1.946E+05	1.522E+04	3.235E-10	-1.461E-08
3	5	460.00	16	-2.007E+05	-3.074E+03	-2.725E+04	0.000E+00	-1.948E+05	1.522E+04	3.235E-10	-1.461E-08
4	1	0.00	1	-2.145E+05	4.007E+03	3.095E+04	0.000E+00	1.538E+07	-1.988E+06	0.000E+00	0.000E+00
4	1	0.00	2	-2.145E+05	4.007E+03	3.095E+04	0.000E+00	1.538E+07	-1.988E+06	0.000E+00	0.000E+00
4	1	0.00	3	-2.145E+05	-3.476E+03	3.095E+04	0.000E+00	1.538E+07	1.724E+06	0.000E+00	0.000E+00
4	1	0.00	4	-2.145E+05	-3.476E+03	3.095E+04	0.000E+00	1.538E+07	1.724E+06	0.000E+00	0.000E+00

4	1	0.00	5	-2.145E+05	4.007E+03	3.398E+04	0.000E+00	1.689E+07	-1.988E+06	0.000E+00	0.000E+00
4	1	0.00	6	-2.145E+05	4.007E+03	3.397E+04	0.000E+00	1.688E+07	-1.988E+06	0.000E+00	0.000E+00
4	1	0.00	7	-2.145E+05	-3.476E+03	3.398E+04	0.000E+00	1.689E+07	1.724E+06	0.000E+00	0.000E+00
4	1	0.00	8	-2.145E+05	-3.476E+03	3.397E+04	0.000E+00	1.688E+07	1.724E+06	0.000E+00	0.000E+00
4	1	0.00	9	-2.145E+05	4.007E+03	-3.397E+04	0.000E+00	-1.688E+07	-1.988E+06	0.000E+00	0.000E+00
4	1	0.00	10	-2.145E+05	4.007E+03	-3.398E+04	0.000E+00	-1.689E+07	-1.988E+06	0.000E+00	0.000E+00
4	1	0.00	11	-2.145E+05	-3.476E+03	-3.397E+04	0.000E+00	-1.688E+07	1.724E+06	0.000E+00	0.000E+00
4	1	0.00	12	-2.145E+05	-3.476E+03	-3.398E+04	0.000E+00	-1.689E+07	1.724E+06	0.000E+00	0.000E+00
4	1	0.00	13	-2.145E+05	4.007E+03	-3.095E+04	0.000E+00	-1.538E+07	-1.988E+06	0.000E+00	0.000E+00
4	1	0.00	14	-2.145E+05	4.007E+03	-3.095E+04	0.000E+00	-1.538E+07	-1.988E+06	0.000E+00	0.000E+00
4	1	0.00	15	-2.145E+05	-3.476E+03	-3.095E+04	0.000E+00	-1.538E+07	1.724E+06	0.000E+00	0.000E+00
4	1	0.00	16	-2.145E+05	-3.476E+03	-3.095E+04	0.000E+00	-1.538E+07	1.724E+06	0.000E+00	0.000E+00
4	2	122.50	1	-2.111E+05	4.007E+03	3.095E+04	0.000E+00	1.159E+07	-1.497E+06	1.176E-02	9.109E-02
4	2	122.50	2	-2.111E+05	4.007E+03	3.095E+04	0.000E+00	1.159E+07	-1.497E+06	1.176E-02	9.108E-02
4	2	122.50	3	-2.111E+05	-3.476E+03	3.095E+04	0.000E+00	1.159E+07	1.298E+06	-1.020E-02	9.109E-02
4	2	122.50	4	-2.111E+05	-3.476E+03	3.095E+04	0.000E+00	1.159E+07	1.298E+06	-1.020E-02	9.108E-02
4	2	122.50	5	-2.111E+05	4.007E+03	3.398E+04	0.000E+00	1.272E+07	-1.497E+06	1.176E-02	1.000E-01
4	2	122.50	6	-2.111E+05	4.007E+03	3.397E+04	0.000E+00	1.272E+07	-1.497E+06	1.176E-02	1.000E-01
4	2	122.50	7	-2.111E+05	-3.476E+03	3.398E+04	0.000E+00	1.272E+07	1.298E+06	-1.020E-02	1.000E-01
4	2	122.50	8	-2.111E+05	-3.476E+03	3.397E+04	0.000E+00	1.272E+07	1.298E+06	-1.020E-02	1.000E-01
4	2	122.50	9	-2.111E+05	4.007E+03	-3.397E+04	0.000E+00	-1.272E+07	-1.497E+06	1.176E-02	-1.000E-01
4	2	122.50	10	-2.111E+05	4.007E+03	-3.398E+04	0.000E+00	-1.272E+07	-1.497E+06	1.176E-02	-1.000E-01
4	2	122.50	11	-2.111E+05	-3.476E+03	-3.397E+04	0.000E+00	-1.272E+07	1.298E+06	-1.020E-02	-1.000E-01
4	2	122.50	12	-2.111E+05	-3.476E+03	-3.398E+04	0.000E+00	-1.272E+07	1.298E+06	-1.020E-02	-1.000E-01
4	2	122.50	13	-2.111E+05	4.007E+03	-3.095E+04	0.000E+00	-1.159E+07	-1.497E+06	1.176E-02	-9.108E-02
4	2	122.50	14	-2.111E+05	4.007E+03	-3.095E+04	0.000E+00	-1.159E+07	-1.497E+06	1.176E-02	-9.109E-02
4	2	122.50	15	-2.111E+05	-3.476E+03	-3.095E+04	0.000E+00	-1.159E+07	1.298E+06	-1.020E-02	-9.108E-02
4	2	122.50	16	-2.111E+05	-3.476E+03	-3.095E+04	0.000E+00	-1.159E+07	1.298E+06	-1.020E-02	-9.109E-02
4	3	245.00	1	-2.076E+05	4.007E+03	3.095E+04	0.000E+00	7.798E+06	-1.007E+06	1.349E-02	1.045E-01
4	3	245.00	2	-2.076E+05	4.007E+03	3.095E+04	0.000E+00	7.797E+06	-1.007E+06	1.349E-02	1.045E-01
4	3	245.00	3	-2.076E+05	-3.476E+03	3.095E+04	0.000E+00	7.798E+06	8.724E+05	-1.169E-02	1.045E-01
4	3	245.00	4	-2.076E+05	-3.476E+03	3.095E+04	0.000E+00	7.797E+06	8.724E+05	-1.169E-02	1.045E-01
4	3	245.00	5	-2.076E+05	4.007E+03	3.398E+04	0.000E+00	8.562E+06	-1.007E+06	1.349E-02	1.147E-01
4	3	245.00	6	-2.076E+05	4.007E+03	3.397E+04	0.000E+00	8.561E+06	-1.007E+06	1.349E-02	1.147E-01
4	3	245.00	7	-2.076E+05	-3.476E+03	3.398E+04	0.000E+00	8.562E+06	8.724E+05	-1.169E-02	1.147E-01
4	3	245.00	8	-2.076E+05	-3.476E+03	3.397E+04	0.000E+00	8.561E+06	8.724E+05	-1.169E-02	1.147E-01
4	3	245.00	9	-2.076E+05	4.007E+03	-3.397E+04	0.000E+00	-8.561E+06	-1.007E+06	1.349E-02	-1.147E-01
4	3	245.00	10	-2.076E+05	4.007E+03	-3.398E+04	0.000E+00	-8.562E+06	-1.007E+06	1.349E-02	-1.147E-01
4	3	245.00	11	-2.076E+05	-3.476E+03	-3.397E+04	0.000E+00	-8.561E+06	8.724E+05	-1.169E-02	-1.147E-01
4	3	245.00	12	-2.076E+05	-3.476E+03	-3.398E+04	0.000E+00	-8.562E+06	8.724E+05	-1.169E-02	-1.147E-01
4	3	245.00	13	-2.076E+05	4.007E+03	-3.095E+04	0.000E+00	-7.797E+06	-1.007E+06	1.349E-02	-1.045E-01
4	3	245.00	14	-2.076E+05	4.007E+03	-3.095E+04	0.000E+00	-7.798E+06	-1.007E+06	1.349E-02	-1.045E-01
4	3	245.00	15	-2.076E+05	-3.476E+03	-3.095E+04	0.000E+00	-7.797E+06	8.724E+05	-1.169E-02	-1.045E-01
4	3	245.00	16	-2.076E+05	-3.476E+03	-3.095E+04	0.000E+00	-7.798E+06	8.724E+05	-1.169E-02	-1.045E-01
4	4	367.50	1	-2.041E+05	4.007E+03	3.095E+04	0.000E+00	4.007E+06	-5.157E+05	8.473E-03	6.568E-02
4	4	367.50	2	-2.041E+05	4.007E+03	3.095E+04	0.000E+00	4.006E+06	-5.157E+05	8.473E-03	6.568E-02
4	4	367.50	3	-2.041E+05	-3.476E+03	3.095E+04	0.000E+00	4.007E+06	4.466E+05	-7.343E-03	6.568E-02
4	4	367.50	4	-2.041E+05	-3.476E+03	3.095E+04	0.000E+00	4.006E+06	4.466E+05	-7.343E-03	6.568E-02
4	4	367.50	5	-2.041E+05	4.007E+03	3.398E+04	0.000E+00	4.400E+06	-5.157E+05	8.473E-03	7.212E-02
4	4	367.50	6	-2.041E+05	4.007E+03	3.397E+04	0.000E+00	4.399E+06	-5.157E+05	8.473E-03	7.211E-02
4	4	367.50	7	-2.041E+05	-3.476E+03	3.398E+04	0.000E+00	4.400E+06	4.466E+05	-7.343E-03	7.212E-02
4	4	367.50	8	-2.041E+05	-3.476E+03	3.397E+04	0.000E+00	4.399E+06	4.466E+05	-7.343E-03	7.211E-02
4	4	367.50	9	-2.041E+05	4.007E+03	-3.397E+04	0.000E+00	-4.399E+06	-5.157E+05	8.473E-03	-7.211E-02
4	4	367.50	10	-2.041E+05	4.007E+03	-3.398E+04	0.000E+00	-4.400E+06	-5.157E+05	8.473E-03	-7.212E-02
4	4	367.50	11	-2.041E+05	-3.476E+03	-3.397E+04	0.000E+00	-4.399E+06	4.466E+05	-7.343E-03	-7.211E-02
4	4	367.50	12	-2.041E+05	-3.476E+03	-3.398E+04	0.000E+00	-4.400E+06	4.466E+05	-7.343E-03	-7.212E-02
4	4	367.50	13	-2.041E+05	4.007E+03	-3.095E+04	0.000E+00	-4.006E+06	-5.157E+05	8.473E-03	-6.568E-02
4	4	367.50	14	-2.041E+05	4.007E+03	-3.095E+04	0.000E+00	-4.007E+06	-5.157E+05	8.473E-03	-6.568E-02
4	4	367.50	15	-2.041E+05	-3.476E+03	-3.095E+04	0.000E+00	-4.006E+06	4.466E+05	-7.343E-03	-6.568E-02
4	4	367.50	16	-2.041E+05	-3.476E+03	-3.095E+04	0.000E+00	-4.007E+06	4.466E+05	-7.343E-03	-6.568E-02
4	5	490.00	1	-2.007E+05	4.007E+03	3.095E+04	0.000E+00	2.178E+05	-2.488E+04	3.455E-09	-9.520E-09
4	5	490.00	2	-2.007E+05	4.007E+03	3.095E+04	0.000E+00	2.176E+05	-2.488E+04	3.455E-09	-9.517E-09

4	5	490.00	3	-2.007E+05	-3.476E+03	3.095E+04	0.000E+00	2.178E+05	2.072E+04	-3.258E-09	-9.520E-09
4	5	490.00	4	-2.007E+05	-3.476E+03	3.095E+04	0.000E+00	2.176E+05	2.072E+04	-3.258E-09	-9.517E-09
4	5	490.00	5	-2.007E+05	4.007E+03	3.398E+04	0.000E+00	2.394E+05	-2.488E+04	3.455E-09	-1.009E-08
4	5	490.00	6	-2.007E+05	4.007E+03	3.397E+04	0.000E+00	2.392E+05	-2.488E+04	3.455E-09	-1.009E-08
4	5	490.00	7	-2.007E+05	-3.476E+03	3.398E+04	0.000E+00	2.394E+05	2.072E+04	-3.258E-09	-1.009E-08
4	5	490.00	8	-2.007E+05	-3.476E+03	3.397E+04	0.000E+00	2.392E+05	2.072E+04	-3.258E-09	-1.009E-08
4	5	490.00	9	-2.007E+05	4.007E+03	-3.397E+04	0.000E+00	-2.392E+05	-2.488E+04	3.455E-09	1.009E-08
4	5	490.00	10	-2.007E+05	4.007E+03	-3.398E+04	0.000E+00	-2.394E+05	-2.488E+04	3.455E-09	1.009E-08
4	5	490.00	11	-2.007E+05	-3.476E+03	-3.397E+04	0.000E+00	-2.392E+05	2.072E+04	-3.258E-09	1.009E-08
4	5	490.00	12	-2.007E+05	-3.476E+03	-3.398E+04	0.000E+00	-2.394E+05	2.072E+04	-3.258E-09	1.009E-08
4	5	490.00	13	-2.007E+05	4.007E+03	-3.095E+04	0.000E+00	-2.176E+05	-2.488E+04	3.455E-09	9.517E-09
4	5	490.00	14	-2.007E+05	4.007E+03	-3.095E+04	0.000E+00	-2.178E+05	-2.488E+04	3.455E-09	9.520E-09
4	5	490.00	15	-2.007E+05	-3.476E+03	-3.095E+04	0.000E+00	-2.176E+05	2.072E+04	-3.258E-09	9.517E-09
4	5	490.00	16	-2.007E+05	-3.476E+03	-3.095E+04	0.000E+00	-2.178E+05	2.072E+04	-3.258E-09	9.520E-09
5	1	0.00	1	-2.157E+05	3.776E+03	3.447E+04	0.000E+00	1.848E+07	-2.020E+06	0.000E+00	0.000E+00
5	1	0.00	2	-2.157E+05	3.776E+03	3.447E+04	0.000E+00	1.848E+07	-2.020E+06	0.000E+00	0.000E+00
5	1	0.00	3	-2.156E+05	-3.458E+03	3.447E+04	0.000E+00	1.848E+07	1.848E+06	0.000E+00	0.000E+00
5	1	0.00	4	-2.156E+05	-3.458E+03	3.447E+04	0.000E+00	1.848E+07	1.848E+06	0.000E+00	0.000E+00
5	1	0.00	5	-2.157E+05	3.776E+03	3.670E+04	0.000E+00	1.967E+07	-2.020E+06	0.000E+00	0.000E+00
5	1	0.00	6	-2.157E+05	3.776E+03	3.670E+04	0.000E+00	1.967E+07	-2.020E+06	0.000E+00	0.000E+00
5	1	0.00	7	-2.156E+05	-3.458E+03	3.670E+04	0.000E+00	1.967E+07	1.848E+06	0.000E+00	0.000E+00
5	1	0.00	8	-2.156E+05	-3.458E+03	3.670E+04	0.000E+00	1.967E+07	1.848E+06	0.000E+00	0.000E+00
5	1	0.00	9	-2.157E+05	3.776E+03	-3.670E+04	0.000E+00	-1.967E+07	-2.020E+06	0.000E+00	0.000E+00
5	1	0.00	10	-2.157E+05	3.776E+03	-3.670E+04	0.000E+00	-1.967E+07	-2.020E+06	0.000E+00	0.000E+00
5	1	0.00	11	-2.156E+05	-3.458E+03	-3.670E+04	0.000E+00	-1.967E+07	1.848E+06	0.000E+00	0.000E+00
5	1	0.00	12	-2.156E+05	-3.458E+03	-3.670E+04	0.000E+00	-1.967E+07	1.848E+06	0.000E+00	0.000E+00
5	1	0.00	13	-2.157E+05	3.776E+03	-3.447E+04	0.000E+00	-1.848E+07	-2.020E+06	0.000E+00	0.000E+00
5	1	0.00	14	-2.157E+05	3.776E+03	-3.447E+04	0.000E+00	-1.848E+07	-2.020E+06	0.000E+00	0.000E+00
5	1	0.00	15	-2.156E+05	-3.458E+03	-3.447E+04	0.000E+00	-1.848E+07	1.848E+06	0.000E+00	0.000E+00
5	1	0.00	16	-2.156E+05	-3.458E+03	-3.447E+04	0.000E+00	-1.848E+07	1.848E+06	0.000E+00	0.000E+00
5	2	132.50	1	-2.119E+05	3.776E+03	3.447E+04	0.000E+00	1.391E+07	-1.520E+06	1.395E-02	1.278E-01
5	2	132.50	2	-2.119E+05	3.776E+03	3.447E+04	0.000E+00	1.391E+07	-1.520E+06	1.395E-02	1.278E-01
5	2	132.50	3	-2.119E+05	-3.458E+03	3.447E+04	0.000E+00	1.391E+07	1.390E+06	-1.276E-02	1.278E-01
5	2	132.50	4	-2.119E+05	-3.458E+03	3.447E+04	0.000E+00	1.391E+07	1.390E+06	-1.276E-02	1.278E-01
5	2	132.50	5	-2.119E+05	3.776E+03	3.670E+04	0.000E+00	1.481E+07	-1.520E+06	1.395E-02	1.361E-01
5	2	132.50	6	-2.119E+05	3.776E+03	3.670E+04	0.000E+00	1.481E+07	-1.520E+06	1.395E-02	1.361E-01
5	2	132.50	7	-2.119E+05	-3.458E+03	3.670E+04	0.000E+00	1.481E+07	1.390E+06	-1.276E-02	1.361E-01
5	2	132.50	8	-2.119E+05	-3.458E+03	3.670E+04	0.000E+00	1.481E+07	1.390E+06	-1.276E-02	1.361E-01
5	2	132.50	9	-2.119E+05	3.776E+03	-3.670E+04	0.000E+00	-1.481E+07	-1.520E+06	1.395E-02	-1.361E-01
5	2	132.50	10	-2.119E+05	3.776E+03	-3.670E+04	0.000E+00	-1.481E+07	-1.520E+06	1.395E-02	-1.361E-01
5	2	132.50	11	-2.119E+05	-3.458E+03	-3.670E+04	0.000E+00	-1.481E+07	1.390E+06	-1.276E-02	-1.361E-01
5	2	132.50	12	-2.119E+05	-3.458E+03	-3.670E+04	0.000E+00	-1.481E+07	1.390E+06	-1.276E-02	-1.361E-01
5	2	132.50	13	-2.119E+05	3.776E+03	-3.447E+04	0.000E+00	-1.391E+07	-1.520E+06	1.395E-02	-1.278E-01
5	2	132.50	14	-2.119E+05	3.776E+03	-3.447E+04	0.000E+00	-1.391E+07	-1.520E+06	1.395E-02	-1.278E-01
5	2	132.50	15	-2.119E+05	-3.458E+03	-3.447E+04	0.000E+00	-1.391E+07	1.390E+06	-1.276E-02	-1.278E-01
5	2	132.50	16	-2.119E+05	-3.458E+03	-3.447E+04	0.000E+00	-1.391E+07	1.390E+06	-1.276E-02	-1.278E-01
5	3	265.00	1	-2.082E+05	3.776E+03	3.447E+04	0.000E+00	9.344E+06	-1.020E+06	1.599E-02	1.465E-01
5	3	265.00	2	-2.082E+05	3.776E+03	3.447E+04	0.000E+00	9.343E+06	-1.020E+06	1.599E-02	1.465E-01
5	3	265.00	3	-2.082E+05	-3.458E+03	3.447E+04	0.000E+00	9.344E+06	9.320E+05	-1.461E-02	1.465E-01
5	3	265.00	4	-2.082E+05	-3.458E+03	3.447E+04	0.000E+00	9.343E+06	9.320E+05	-1.461E-02	1.465E-01
5	3	265.00	5	-2.082E+05	3.776E+03	3.670E+04	0.000E+00	9.949E+06	-1.020E+06	1.599E-02	1.560E-01
5	3	265.00	6	-2.082E+05	3.776E+03	3.670E+04	0.000E+00	9.949E+06	-1.020E+06	1.599E-02	1.560E-01
5	3	265.00	7	-2.082E+05	-3.458E+03	3.670E+04	0.000E+00	9.949E+06	9.320E+05	-1.461E-02	1.560E-01
5	3	265.00	8	-2.082E+05	-3.458E+03	3.670E+04	0.000E+00	9.949E+06	9.320E+05	-1.461E-02	1.560E-01
5	3	265.00	9	-2.082E+05	3.776E+03	-3.670E+04	0.000E+00	-9.949E+06	-1.020E+06	1.599E-02	-1.560E-01
5	3	265.00	10	-2.082E+05	3.776E+03	-3.670E+04	0.000E+00	-9.949E+06	-1.020E+06	1.599E-02	-1.560E-01
5	3	265.00	11	-2.082E+05	-3.458E+03	-3.670E+04	0.000E+00	-9.949E+06	9.320E+05	-1.461E-02	-1.560E-01
5	3	265.00	12	-2.082E+05	-3.458E+03	-3.670E+04	0.000E+00	-9.949E+06	9.320E+05	-1.461E-02	-1.560E-01
5	3	265.00	13	-2.082E+05	3.776E+03	-3.447E+04	0.000E+00	-9.343E+06	-1.020E+06	1.599E-02	-1.465E-01
5	3	265.00	14	-2.082E+05	3.776E+03	-3.447E+04	0.000E+00	-9.344E+06	-1.020E+06	1.599E-02	-1.465E-01
5	3	265.00	15	-2.082E+05	-3.458E+03	-3.447E+04	0.000E+00	-9.343E+06	9.320E+05	-1.461E-02	-1.465E-01
5	3	265.00	16	-2.082E+05	-3.458E+03	-3.447E+04	0.000E+00	-9.344E+06	9.320E+05	-1.461E-02	-1.465E-01

5	4	397.50	1	-2.044E+05	3.776E+03	3.447E+04	0.000E+00	4.777E+06	-5.194E+05	1.003E-02	9.198E-02
5	4	397.50	2	-2.044E+05	3.776E+03	3.447E+04	0.000E+00	4.776E+06	-5.194E+05	1.003E-02	9.197E-02
5	4	397.50	3	-2.044E+05	-3.458E+03	3.447E+04	0.000E+00	4.777E+06	4.738E+05	-9.164E-03	9.198E-02
5	4	397.50	4	-2.044E+05	-3.458E+03	3.447E+04	0.000E+00	4.776E+06	4.738E+05	-9.164E-03	9.197E-02
5	4	397.50	5	-2.044E+05	3.776E+03	3.670E+04	0.000E+00	5.087E+06	-5.194E+05	1.003E-02	9.794E-02
5	4	397.50	6	-2.044E+05	3.776E+03	3.670E+04	0.000E+00	5.087E+06	-5.194E+05	1.003E-02	9.794E-02
5	4	397.50	7	-2.044E+05	-3.458E+03	3.670E+04	0.000E+00	5.087E+06	4.738E+05	-9.164E-03	9.794E-02
5	4	397.50	8	-2.044E+05	-3.458E+03	3.670E+04	0.000E+00	5.087E+06	4.738E+05	-9.164E-03	9.794E-02
5	4	397.50	9	-2.044E+05	3.776E+03	-3.670E+04	0.000E+00	-5.087E+06	-5.194E+05	1.003E-02	-9.794E-02
5	4	397.50	10	-2.044E+05	3.776E+03	-3.670E+04	0.000E+00	-5.087E+06	-5.194E+05	1.003E-02	-9.794E-02
5	4	397.50	11	-2.044E+05	-3.458E+03	-3.670E+04	0.000E+00	-5.087E+06	4.738E+05	-9.164E-03	-9.794E-02
5	4	397.50	12	-2.044E+05	-3.458E+03	-3.670E+04	0.000E+00	-5.087E+06	4.738E+05	-9.164E-03	-9.794E-02
5	4	397.50	13	-2.044E+05	3.776E+03	-3.447E+04	0.000E+00	-4.776E+06	-5.194E+05	1.003E-02	-9.197E-02
5	4	397.50	14	-2.044E+05	3.776E+03	-3.447E+04	0.000E+00	-4.777E+06	-5.194E+05	1.003E-02	-9.198E-02
5	4	397.50	15	-2.044E+05	-3.458E+03	-3.447E+04	0.000E+00	-4.776E+06	4.738E+05	-9.164E-03	-9.197E-02
5	4	397.50	16	-2.044E+05	-3.458E+03	-3.447E+04	0.000E+00	-4.777E+06	4.738E+05	-9.164E-03	-9.198E-02
5	5	530.00	1	-2.007E+05	3.776E+03	3.447E+04	0.000E+00	2.115E+05	-1.903E+04	-2.186E-09	-5.623E-08
5	5	530.00	2	-2.007E+05	3.776E+03	3.447E+04	0.000E+00	2.113E+05	-1.903E+04	-2.186E-09	-5.623E-08
5	5	530.00	3	-2.007E+05	-3.458E+03	3.447E+04	0.000E+00	2.115E+05	1.556E+04	2.100E-09	-5.623E-08
5	5	530.00	4	-2.007E+05	-3.458E+03	3.447E+04	0.000E+00	2.113E+05	1.556E+04	2.100E-09	-5.623E-08
5	5	530.00	5	-2.007E+05	3.776E+03	3.670E+04	0.000E+00	2.266E+05	-1.903E+04	-2.186E-09	-5.403E-08
5	5	530.00	6	-2.007E+05	3.776E+03	3.670E+04	0.000E+00	2.264E+05	-1.903E+04	-2.186E-09	-5.403E-08
5	5	530.00	7	-2.007E+05	-3.458E+03	3.670E+04	0.000E+00	2.266E+05	1.556E+04	2.100E-09	-5.403E-08
5	5	530.00	8	-2.007E+05	-3.458E+03	3.670E+04	0.000E+00	2.264E+05	1.556E+04	2.100E-09	-5.403E-08
5	5	530.00	9	-2.007E+05	3.776E+03	-3.670E+04	0.000E+00	-2.264E+05	-1.903E+04	-2.186E-09	5.403E-08
5	5	530.00	10	-2.007E+05	3.776E+03	-3.670E+04	0.000E+00	-2.266E+05	-1.903E+04	-2.186E-09	5.403E-08
5	5	530.00	11	-2.007E+05	-3.458E+03	-3.670E+04	0.000E+00	-2.264E+05	1.556E+04	2.100E-09	5.403E-08
5	5	530.00	12	-2.007E+05	-3.458E+03	-3.670E+04	0.000E+00	-2.266E+05	1.556E+04	2.100E-09	5.403E-08
5	5	530.00	13	-2.007E+05	3.776E+03	-3.447E+04	0.000E+00	-2.113E+05	-1.903E+04	-2.186E-09	5.623E-08
5	5	530.00	14	-2.007E+05	3.776E+03	-3.447E+04	0.000E+00	-2.115E+05	-1.903E+04	-2.186E-09	5.623E-08
5	5	530.00	15	-2.007E+05	-3.458E+03	-3.447E+04	0.000E+00	-2.113E+05	1.556E+04	2.100E-09	5.623E-08
5	5	530.00	16	-2.007E+05	-3.458E+03	-3.447E+04	0.000E+00	-2.115E+05	1.556E+04	2.100E-09	5.623E-08
6	1	0.00	1	-2.133E+05	6.268E+03	2.655E+04	0.000E+00	1.203E+07	-2.830E+06	0.000E+00	0.000E+00
6	1	0.00	2	-2.133E+05	6.268E+03	2.655E+04	0.000E+00	1.203E+07	-2.830E+06	0.000E+00	0.000E+00
6	1	0.00	3	-2.132E+05	-5.951E+03	2.655E+04	0.000E+00	1.203E+07	2.686E+06	0.000E+00	0.000E+00
6	1	0.00	4	-2.132E+05	-5.951E+03	2.655E+04	0.000E+00	1.203E+07	2.686E+06	0.000E+00	0.000E+00
6	1	0.00	5	-2.133E+05	6.268E+03	2.813E+04	0.000E+00	1.275E+07	-2.830E+06	0.000E+00	0.000E+00
6	1	0.00	6	-2.133E+05	6.268E+03	2.813E+04	0.000E+00	1.275E+07	-2.830E+06	0.000E+00	0.000E+00
6	1	0.00	7	-2.132E+05	-5.951E+03	2.813E+04	0.000E+00	1.275E+07	2.686E+06	0.000E+00	0.000E+00
6	1	0.00	8	-2.132E+05	-5.951E+03	2.813E+04	0.000E+00	1.275E+07	2.686E+06	0.000E+00	0.000E+00
6	1	0.00	9	-2.133E+05	6.268E+03	-2.813E+04	0.000E+00	-1.275E+07	-2.830E+06	0.000E+00	0.000E+00
6	1	0.00	10	-2.133E+05	6.268E+03	-2.813E+04	0.000E+00	-1.275E+07	-2.830E+06	0.000E+00	0.000E+00
6	1	0.00	11	-2.132E+05	-5.951E+03	-2.813E+04	0.000E+00	-1.275E+07	2.686E+06	0.000E+00	0.000E+00
6	1	0.00	12	-2.132E+05	-5.951E+03	-2.813E+04	0.000E+00	-1.275E+07	2.686E+06	0.000E+00	0.000E+00
6	1	0.00	13	-2.133E+05	6.268E+03	-2.655E+04	0.000E+00	-1.203E+07	-2.830E+06	0.000E+00	0.000E+00
6	1	0.00	14	-2.133E+05	6.268E+03	-2.655E+04	0.000E+00	-1.203E+07	-2.830E+06	0.000E+00	0.000E+00
6	1	0.00	15	-2.132E+05	-5.951E+03	-2.655E+04	0.000E+00	-1.203E+07	2.686E+06	0.000E+00	0.000E+00
6	1	0.00	16	-2.132E+05	-5.951E+03	-2.655E+04	0.000E+00	-1.203E+07	2.686E+06	0.000E+00	0.000E+00
6	2	111.25	1	-2.101E+05	6.268E+03	2.655E+04	0.000E+00	9.076E+06	-2.132E+06	1.382E-02	5.892E-02
6	2	111.25	2	-2.101E+05	6.268E+03	2.655E+04	0.000E+00	9.075E+06	-2.132E+06	1.382E-02	5.891E-02
6	2	111.25	3	-2.101E+05	-5.951E+03	2.655E+04	0.000E+00	9.076E+06	2.024E+06	-1.312E-02	5.892E-02
6	2	111.25	4	-2.101E+05	-5.951E+03	2.655E+04	0.000E+00	9.075E+06	2.024E+06	-1.312E-02	5.891E-02
6	2	111.25	5	-2.101E+05	6.268E+03	2.813E+04	0.000E+00	9.616E+06	-2.132E+06	1.382E-02	6.242E-02
6	2	111.25	6	-2.101E+05	6.268E+03	2.813E+04	0.000E+00	9.616E+06	-2.132E+06	1.382E-02	6.242E-02
6	2	111.25	7	-2.101E+05	-5.951E+03	2.813E+04	0.000E+00	9.616E+06	2.024E+06	-1.312E-02	6.242E-02
6	2	111.25	8	-2.101E+05	-5.951E+03	2.813E+04	0.000E+00	9.616E+06	2.024E+06	-1.312E-02	6.242E-02
6	2	111.25	9	-2.101E+05	6.268E+03	-2.813E+04	0.000E+00	-9.616E+06	-2.132E+06	1.382E-02	-6.242E-02
6	2	111.25	10	-2.101E+05	6.268E+03	-2.813E+04	0.000E+00	-9.616E+06	-2.132E+06	1.382E-02	-6.242E-02
6	2	111.25	11	-2.101E+05	-5.951E+03	-2.813E+04	0.000E+00	-9.616E+06	2.024E+06	-1.312E-02	-6.242E-02
6	2	111.25	12	-2.101E+05	-5.951E+03	-2.813E+04	0.000E+00	-9.616E+06	2.024E+06	-1.312E-02	-6.242E-02
6	2	111.25	13	-2.101E+05	6.268E+03	-2.655E+04	0.000E+00	-9.075E+06	-2.132E+06	1.382E-02	-5.891E-02
6	2	111.25	14	-2.101E+05	6.268E+03	-2.655E+04	0.000E+00	-9.076E+06	-2.132E+06	1.382E-02	-5.892E-02

6	2	111.25	15	-2.101E+05	-5.951E+03	-2.655E+04	0.000E+00	-9.075E+06	2.024E+06	-1.312E-02	-5.891E-02
6	2	111.25	16	-2.101E+05	-5.951E+03	-2.655E+04	0.000E+00	-9.076E+06	2.024E+06	-1.312E-02	-5.892E-02
6	3	222.50	1	-2.070E+05	6.268E+03	2.655E+04	0.000E+00	6.122E+06	-1.435E+06	1.586E-02	6.767E-02
6	3	222.50	2	-2.070E+05	6.268E+03	2.655E+04	0.000E+00	6.122E+06	-1.435E+06	1.586E-02	6.767E-02
6	3	222.50	3	-2.070E+05	-5.951E+03	2.655E+04	0.000E+00	6.122E+06	1.362E+06	-1.505E-02	6.767E-02
6	3	222.50	4	-2.070E+05	-5.951E+03	2.655E+04	0.000E+00	6.122E+06	1.362E+06	-1.505E-02	6.767E-02
6	3	222.50	5	-2.070E+05	6.268E+03	2.813E+04	0.000E+00	6.486E+06	-1.435E+06	1.586E-02	7.170E-02
6	3	222.50	6	-2.070E+05	6.268E+03	2.813E+04	0.000E+00	6.486E+06	-1.435E+06	1.586E-02	7.169E-02
6	3	222.50	7	-2.070E+05	-5.951E+03	2.813E+04	0.000E+00	6.486E+06	1.362E+06	-1.505E-02	7.170E-02
6	3	222.50	8	-2.070E+05	-5.951E+03	2.813E+04	0.000E+00	6.486E+06	1.362E+06	-1.505E-02	7.169E-02
6	3	222.50	9	-2.070E+05	6.268E+03	-2.813E+04	0.000E+00	-6.486E+06	-1.435E+06	1.586E-02	-7.169E-02
6	3	222.50	10	-2.070E+05	6.268E+03	-2.813E+04	0.000E+00	-6.486E+06	-1.435E+06	1.586E-02	-7.170E-02
6	3	222.50	11	-2.070E+05	-5.951E+03	-2.813E+04	0.000E+00	-6.486E+06	1.362E+06	-1.505E-02	-7.169E-02
6	3	222.50	12	-2.070E+05	-5.951E+03	-2.813E+04	0.000E+00	-6.486E+06	1.362E+06	-1.505E-02	-7.170E-02
6	3	222.50	13	-2.070E+05	6.268E+03	-2.655E+04	0.000E+00	-6.122E+06	-1.435E+06	1.586E-02	-6.767E-02
6	3	222.50	14	-2.070E+05	6.268E+03	-2.655E+04	0.000E+00	-6.122E+06	-1.435E+06	1.586E-02	-6.767E-02
6	3	222.50	15	-2.070E+05	-5.951E+03	-2.655E+04	0.000E+00	-6.122E+06	1.362E+06	-1.505E-02	-6.767E-02
6	3	222.50	16	-2.070E+05	-5.951E+03	-2.655E+04	0.000E+00	-6.122E+06	1.362E+06	-1.505E-02	-6.767E-02
6	4	333.75	1	-2.038E+05	6.268E+03	2.655E+04	0.000E+00	3.168E+06	-7.376E+05	9.969E-03	4.259E-02
6	4	333.75	2	-2.038E+05	6.268E+03	2.655E+04	0.000E+00	3.168E+06	-7.376E+05	9.969E-03	4.259E-02
6	4	333.75	3	-2.038E+05	-5.951E+03	2.655E+04	0.000E+00	3.168E+06	6.998E+05	-9.460E-03	4.259E-02
6	4	333.75	4	-2.038E+05	-5.951E+03	2.655E+04	0.000E+00	3.168E+06	6.998E+05	-9.460E-03	4.259E-02
6	4	333.75	5	-2.038E+05	6.268E+03	2.813E+04	0.000E+00	3.357E+06	-7.376E+05	9.969E-03	4.513E-02
6	4	333.75	6	-2.038E+05	6.268E+03	2.813E+04	0.000E+00	3.356E+06	-7.376E+05	9.969E-03	4.512E-02
6	4	333.75	7	-2.038E+05	-5.951E+03	2.813E+04	0.000E+00	3.357E+06	6.998E+05	-9.460E-03	4.513E-02
6	4	333.75	8	-2.038E+05	-5.951E+03	2.813E+04	0.000E+00	3.356E+06	6.998E+05	-9.460E-03	4.512E-02
6	4	333.75	9	-2.038E+05	6.268E+03	-2.813E+04	0.000E+00	-3.356E+06	-7.376E+05	9.969E-03	-4.512E-02
6	4	333.75	10	-2.038E+05	6.268E+03	-2.813E+04	0.000E+00	-3.357E+06	-7.376E+05	9.969E-03	-4.513E-02
6	4	333.75	11	-2.038E+05	-5.951E+03	-2.813E+04	0.000E+00	-3.356E+06	6.998E+05	-9.460E-03	-4.512E-02
6	4	333.75	12	-2.038E+05	-5.951E+03	-2.813E+04	0.000E+00	-3.357E+06	6.998E+05	-9.460E-03	-4.513E-02
6	4	333.75	13	-2.038E+05	6.268E+03	-2.655E+04	0.000E+00	-3.168E+06	-7.376E+05	9.969E-03	-4.259E-02
6	4	333.75	14	-2.038E+05	6.268E+03	-2.655E+04	0.000E+00	-3.168E+06	-7.376E+05	9.969E-03	-4.259E-02
6	4	333.75	15	-2.038E+05	-5.951E+03	-2.655E+04	0.000E+00	-3.168E+06	6.998E+05	-9.460E-03	-4.259E-02
6	4	333.75	16	-2.038E+05	-5.951E+03	-2.655E+04	0.000E+00	-3.168E+06	6.998E+05	-9.460E-03	-4.259E-02
6	5	445.00	1	-2.007E+05	6.268E+03	2.655E+04	0.000E+00	2.176E+05	-4.027E+04	-4.781E-09	9.657E-09
6	5	445.00	2	-2.007E+05	6.268E+03	2.655E+04	0.000E+00	2.174E+05	-4.027E+04	-4.781E-09	9.657E-09
6	5	445.00	3	-2.007E+05	-5.951E+03	2.655E+04	0.000E+00	2.176E+05	3.778E+04	4.789E-09	9.657E-09
6	5	445.00	4	-2.007E+05	-5.951E+03	2.655E+04	0.000E+00	2.174E+05	3.778E+04	4.789E-09	9.657E-09
6	5	445.00	5	-2.007E+05	6.268E+03	2.813E+04	0.000E+00	2.298E+05	-4.027E+04	-4.781E-09	1.033E-08
6	5	445.00	6	-2.007E+05	6.268E+03	2.813E+04	0.000E+00	2.296E+05	-4.027E+04	-4.781E-09	1.033E-08
6	5	445.00	7	-2.007E+05	-5.951E+03	2.813E+04	0.000E+00	2.298E+05	3.778E+04	4.789E-09	1.033E-08
6	5	445.00	8	-2.007E+05	-5.951E+03	2.813E+04	0.000E+00	2.296E+05	3.778E+04	4.789E-09	1.033E-08
6	5	445.00	9	-2.007E+05	6.268E+03	-2.813E+04	0.000E+00	-2.296E+05	-4.027E+04	-4.781E-09	-1.033E-08
6	5	445.00	10	-2.007E+05	6.268E+03	-2.813E+04	0.000E+00	-2.298E+05	-4.027E+04	-4.781E-09	-1.033E-08
6	5	445.00	11	-2.007E+05	-5.951E+03	-2.813E+04	0.000E+00	-2.296E+05	3.778E+04	4.789E-09	-1.033E-08
6	5	445.00	12	-2.007E+05	-5.951E+03	-2.813E+04	0.000E+00	-2.298E+05	3.778E+04	4.789E-09	-1.033E-08
6	5	445.00	13	-2.007E+05	6.268E+03	-2.655E+04	0.000E+00	-2.174E+05	-4.027E+04	-4.781E-09	-9.657E-09
6	5	445.00	14	-2.007E+05	6.268E+03	-2.655E+04	0.000E+00	-2.176E+05	-4.027E+04	-4.781E-09	-9.657E-09
6	5	445.00	15	-2.007E+05	-5.951E+03	-2.655E+04	0.000E+00	-2.174E+05	3.778E+04	4.789E-09	-9.657E-09
6	5	445.00	16	-2.007E+05	-5.951E+03	-2.655E+04	0.000E+00	-2.176E+05	3.778E+04	4.789E-09	-9.657E-09
7	1	0.00	1	-2.155E+05	5.014E+03	2.656E+04	0.000E+00	1.320E+07	-2.564E+06	0.000E+00	0.000E+00
7	1	0.00	2	-2.155E+05	5.014E+03	2.656E+04	0.000E+00	1.320E+07	-2.564E+06	0.000E+00	0.000E+00
7	1	0.00	3	-2.155E+05	-5.284E+03	2.656E+04	0.000E+00	1.320E+07	2.541E+06	0.000E+00	0.000E+00
7	1	0.00	4	-2.155E+05	-5.284E+03	2.656E+04	0.000E+00	1.320E+07	2.541E+06	0.000E+00	0.000E+00
7	1	0.00	5	-2.155E+05	5.014E+03	2.733E+04	0.000E+00	1.359E+07	-2.564E+06	0.000E+00	0.000E+00
7	1	0.00	6	-2.155E+05	5.014E+03	2.733E+04	0.000E+00	1.359E+07	-2.564E+06	0.000E+00	0.000E+00
7	1	0.00	7	-2.155E+05	-5.284E+03	2.733E+04	0.000E+00	1.359E+07	2.541E+06	0.000E+00	0.000E+00
7	1	0.00	8	-2.155E+05	-5.284E+03	2.733E+04	0.000E+00	1.359E+07	2.541E+06	0.000E+00	0.000E+00
7	1	0.00	9	-2.155E+05	5.014E+03	-2.733E+04	0.000E+00	-1.359E+07	-2.564E+06	0.000E+00	0.000E+00
7	1	0.00	10	-2.155E+05	5.014E+03	-2.733E+04	0.000E+00	-1.359E+07	-2.564E+06	0.000E+00	0.000E+00
7	1	0.00	11	-2.155E+05	-5.284E+03	-2.733E+04	0.000E+00	-1.359E+07	2.541E+06	0.000E+00	0.000E+00
7	1	0.00	12	-2.155E+05	-5.284E+03	-2.733E+04	0.000E+00	-1.359E+07	2.541E+06	0.000E+00	0.000E+00

7	1	0.00	13	-2.155E+05	5.014E+03	-2.656E+04	0.000E+00	-1.320E+07	-2.564E+06	0.000E+00	0.000E+00
7	1	0.00	14	-2.155E+05	5.014E+03	-2.656E+04	0.000E+00	-1.320E+07	-2.564E+06	0.000E+00	0.000E+00
7	1	0.00	15	-2.155E+05	-5.284E+03	-2.656E+04	0.000E+00	-1.320E+07	2.541E+06	0.000E+00	0.000E+00
7	1	0.00	16	-2.155E+05	-5.284E+03	-2.656E+04	0.000E+00	-1.320E+07	2.541E+06	0.000E+00	0.000E+00
7	2	122.50	1	-2.120E+05	5.014E+03	2.656E+04	0.000E+00	9.949E+06	-1.950E+06	1.548E-02	7.820E-02
7	2	122.50	2	-2.120E+05	5.014E+03	2.656E+04	0.000E+00	9.948E+06	-1.950E+06	1.548E-02	7.820E-02
7	2	122.50	3	-2.120E+05	-5.284E+03	2.656E+04	0.000E+00	9.949E+06	1.893E+06	-1.469E-02	7.820E-02
7	2	122.50	4	-2.120E+05	-5.284E+03	2.656E+04	0.000E+00	9.948E+06	1.893E+06	-1.469E-02	7.820E-02
7	2	122.50	5	-2.120E+05	5.014E+03	2.733E+04	0.000E+00	1.024E+07	-1.950E+06	1.548E-02	8.048E-02
7	2	122.50	6	-2.120E+05	5.014E+03	2.733E+04	0.000E+00	1.024E+07	-1.950E+06	1.548E-02	8.048E-02
7	2	122.50	7	-2.120E+05	-5.284E+03	2.733E+04	0.000E+00	1.024E+07	1.893E+06	-1.469E-02	8.048E-02
7	2	122.50	8	-2.120E+05	-5.284E+03	2.733E+04	0.000E+00	1.024E+07	1.893E+06	-1.469E-02	8.048E-02
7	2	122.50	9	-2.120E+05	5.014E+03	-2.733E+04	0.000E+00	-1.024E+07	-1.950E+06	1.548E-02	-8.048E-02
7	2	122.50	10	-2.120E+05	5.014E+03	-2.733E+04	0.000E+00	-1.024E+07	-1.950E+06	1.548E-02	-8.048E-02
7	2	122.50	11	-2.120E+05	-5.284E+03	-2.733E+04	0.000E+00	-1.024E+07	1.893E+06	-1.469E-02	-8.048E-02
7	2	122.50	12	-2.120E+05	-5.284E+03	-2.733E+04	0.000E+00	-1.024E+07	1.893E+06	-1.469E-02	-8.048E-02
7	2	122.50	13	-2.120E+05	5.014E+03	-2.656E+04	0.000E+00	-9.948E+06	-1.950E+06	1.548E-02	-7.820E-02
7	2	122.50	14	-2.120E+05	5.014E+03	-2.656E+04	0.000E+00	-9.949E+06	-1.950E+06	1.548E-02	-7.820E-02
7	2	122.50	15	-2.120E+05	-5.284E+03	-2.656E+04	0.000E+00	-9.948E+06	1.893E+06	-1.469E-02	-7.820E-02
7	2	122.50	16	-2.120E+05	-5.284E+03	-2.656E+04	0.000E+00	-9.949E+06	1.893E+06	-1.469E-02	-7.820E-02
7	3	245.00	1	-2.086E+05	5.014E+03	2.656E+04	0.000E+00	6.695E+06	-1.335E+06	1.790E-02	8.973E-02
7	3	245.00	2	-2.086E+05	5.014E+03	2.656E+04	0.000E+00	6.695E+06	-1.335E+06	1.790E-02	8.973E-02
7	3	245.00	3	-2.085E+05	-5.284E+03	2.656E+04	0.000E+00	6.695E+06	1.246E+06	-1.670E-02	8.973E-02
7	3	245.00	4	-2.085E+05	-5.284E+03	2.656E+04	0.000E+00	6.695E+06	1.246E+06	-1.670E-02	8.973E-02
7	3	245.00	5	-2.086E+05	5.014E+03	2.733E+04	0.000E+00	6.890E+06	-1.335E+06	1.790E-02	9.235E-02
7	3	245.00	6	-2.086E+05	5.014E+03	2.733E+04	0.000E+00	6.890E+06	-1.335E+06	1.790E-02	9.235E-02
7	3	245.00	7	-2.085E+05	-5.284E+03	2.733E+04	0.000E+00	6.890E+06	1.246E+06	-1.670E-02	9.235E-02
7	3	245.00	8	-2.085E+05	-5.284E+03	2.733E+04	0.000E+00	6.890E+06	1.246E+06	-1.670E-02	9.235E-02
7	3	245.00	9	-2.086E+05	5.014E+03	-2.733E+04	0.000E+00	-6.890E+06	-1.335E+06	1.790E-02	-9.235E-02
7	3	245.00	10	-2.086E+05	5.014E+03	-2.733E+04	0.000E+00	-6.890E+06	-1.335E+06	1.790E-02	-9.235E-02
7	3	245.00	11	-2.085E+05	-5.284E+03	-2.733E+04	0.000E+00	-6.890E+06	1.246E+06	-1.670E-02	-9.235E-02
7	3	245.00	12	-2.085E+05	-5.284E+03	-2.733E+04	0.000E+00	-6.890E+06	1.246E+06	-1.670E-02	-9.235E-02
7	3	245.00	13	-2.086E+05	5.014E+03	-2.656E+04	0.000E+00	-6.695E+06	-1.335E+06	1.790E-02	-8.973E-02
7	3	245.00	14	-2.086E+05	5.014E+03	-2.656E+04	0.000E+00	-6.695E+06	-1.335E+06	1.790E-02	-8.973E-02
7	3	245.00	15	-2.085E+05	-5.284E+03	-2.656E+04	0.000E+00	-6.695E+06	1.246E+06	-1.670E-02	-8.973E-02
7	3	245.00	16	-2.085E+05	-5.284E+03	-2.656E+04	0.000E+00	-6.695E+06	1.246E+06	-1.670E-02	-8.973E-02
7	4	367.50	1	-2.051E+05	5.014E+03	2.656E+04	0.000E+00	3.442E+06	-7.210E+05	1.136E-02	5.640E-02
7	4	367.50	2	-2.051E+05	5.014E+03	2.656E+04	0.000E+00	3.442E+06	-7.210E+05	1.136E-02	5.640E-02
7	4	367.50	3	-2.051E+05	-5.284E+03	2.656E+04	0.000E+00	3.442E+06	5.988E+05	-1.036E-02	5.640E-02
7	4	367.50	4	-2.051E+05	-5.284E+03	2.656E+04	0.000E+00	3.442E+06	5.988E+05	-1.036E-02	5.640E-02
7	4	367.50	5	-2.051E+05	5.014E+03	2.733E+04	0.000E+00	3.542E+06	-7.210E+05	1.136E-02	5.804E-02
7	4	367.50	6	-2.051E+05	5.014E+03	2.733E+04	0.000E+00	3.542E+06	-7.210E+05	1.136E-02	5.804E-02
7	4	367.50	7	-2.051E+05	-5.284E+03	2.733E+04	0.000E+00	3.542E+06	5.988E+05	-1.036E-02	5.804E-02
7	4	367.50	8	-2.051E+05	-5.284E+03	2.733E+04	0.000E+00	3.542E+06	5.988E+05	-1.036E-02	5.804E-02
7	4	367.50	9	-2.051E+05	5.014E+03	-2.733E+04	0.000E+00	-3.542E+06	-7.210E+05	1.136E-02	-5.804E-02
7	4	367.50	10	-2.051E+05	5.014E+03	-2.733E+04	0.000E+00	-3.542E+06	-7.210E+05	1.136E-02	-5.804E-02
7	4	367.50	11	-2.051E+05	-5.284E+03	-2.733E+04	0.000E+00	-3.542E+06	5.988E+05	-1.036E-02	-5.804E-02
7	4	367.50	12	-2.051E+05	-5.284E+03	-2.733E+04	0.000E+00	-3.542E+06	5.988E+05	-1.036E-02	-5.804E-02
7	4	367.50	13	-2.051E+05	5.014E+03	-2.656E+04	0.000E+00	-3.442E+06	-7.210E+05	1.136E-02	-5.640E-02
7	4	367.50	14	-2.051E+05	5.014E+03	-2.656E+04	0.000E+00	-3.442E+06	-7.210E+05	1.136E-02	-5.640E-02
7	4	367.50	15	-2.051E+05	-5.284E+03	-2.656E+04	0.000E+00	-3.442E+06	5.988E+05	-1.036E-02	-5.640E-02
7	4	367.50	16	-2.051E+05	-5.284E+03	-2.656E+04	0.000E+00	-3.442E+06	5.988E+05	-1.036E-02	-5.640E-02
7	5	490.00	1	-2.016E+05	5.014E+03	2.656E+04	0.000E+00	1.911E+05	-1.067E+05	3.320E-09	-1.724E-08
7	5	490.00	2	-2.016E+05	5.014E+03	2.656E+04	0.000E+00	1.909E+05	-1.067E+05	3.320E-09	-1.724E-08
7	5	490.00	3	-2.016E+05	-5.284E+03	2.656E+04	0.000E+00	1.911E+05	-4.845E+04	-3.317E-09	-1.724E-08
7	5	490.00	4	-2.016E+05	-5.284E+03	2.656E+04	0.000E+00	1.909E+05	-4.845E+04	-3.317E-09	-1.724E-08
7	5	490.00	5	-2.016E+05	5.014E+03	2.733E+04	0.000E+00	1.964E+05	-1.067E+05	3.320E-09	-1.729E-08
7	5	490.00	6	-2.016E+05	5.014E+03	2.733E+04	0.000E+00	1.963E+05	-1.067E+05	3.320E-09	-1.729E-08
7	5	490.00	7	-2.016E+05	-5.284E+03	2.733E+04	0.000E+00	1.964E+05	-4.845E+04	-3.317E-09	-1.729E-08
7	5	490.00	8	-2.016E+05	-5.284E+03	2.733E+04	0.000E+00	1.963E+05	-4.845E+04	-3.317E-09	-1.729E-08
7	5	490.00	9	-2.016E+05	5.014E+03	-2.733E+04	0.000E+00	-1.963E+05	-1.067E+05	3.320E-09	1.729E-08
7	5	490.00	10	-2.016E+05	5.014E+03	-2.733E+04	0.000E+00	-1.964E+05	-1.067E+05	3.320E-09	1.729E-08

7	5	490.00	11	-2.016E+05	-5.284E+03	-2.733E+04	0.000E+00	-1.963E+05	-4.845E+04	-3.317E-09	1.729E-08
7	5	490.00	12	-2.016E+05	-5.284E+03	-2.733E+04	0.000E+00	-1.964E+05	-4.845E+04	-3.317E-09	1.729E-08
7	5	490.00	13	-2.016E+05	5.014E+03	-2.656E+04	0.000E+00	-1.909E+05	-1.067E+05	3.320E-09	1.724E-08
7	5	490.00	14	-2.016E+05	5.014E+03	-2.656E+04	0.000E+00	-1.911E+05	-1.067E+05	3.320E-09	1.724E-08
7	5	490.00	15	-2.016E+05	-5.284E+03	-2.656E+04	0.000E+00	-1.909E+05	-4.845E+04	-3.317E-09	1.724E-08
7	5	490.00	16	-2.016E+05	-5.284E+03	-2.656E+04	0.000E+00	-1.911E+05	-4.845E+04	-3.317E-09	1.724E-08
8	1	0.00	1	-2.167E+05	5.010E+03	3.084E+04	0.000E+00	1.564E+07	-2.533E+06	0.000E+00	0.000E+00
8	1	0.00	2	-2.167E+05	5.010E+03	3.084E+04	0.000E+00	1.564E+07	-2.533E+06	0.000E+00	0.000E+00
8	1	0.00	3	-2.167E+05	-5.021E+03	3.084E+04	0.000E+00	1.564E+07	2.539E+06	0.000E+00	0.000E+00
8	1	0.00	4	-2.167E+05	-5.021E+03	3.084E+04	0.000E+00	1.564E+07	2.539E+06	0.000E+00	0.000E+00
8	1	0.00	5	-2.167E+05	5.010E+03	3.087E+04	0.000E+00	1.565E+07	-2.533E+06	0.000E+00	0.000E+00
8	1	0.00	6	-2.167E+05	5.010E+03	3.087E+04	0.000E+00	1.565E+07	-2.533E+06	0.000E+00	0.000E+00
8	1	0.00	7	-2.167E+05	-5.021E+03	3.087E+04	0.000E+00	1.565E+07	2.539E+06	0.000E+00	0.000E+00
8	1	0.00	8	-2.167E+05	-5.021E+03	3.087E+04	0.000E+00	1.565E+07	2.539E+06	0.000E+00	0.000E+00
8	1	0.00	9	-2.167E+05	5.010E+03	-3.087E+04	0.000E+00	-1.565E+07	-2.533E+06	0.000E+00	0.000E+00
8	1	0.00	10	-2.167E+05	5.010E+03	-3.087E+04	0.000E+00	-1.565E+07	-2.533E+06	0.000E+00	0.000E+00
8	1	0.00	11	-2.167E+05	-5.021E+03	-3.087E+04	0.000E+00	-1.565E+07	2.539E+06	0.000E+00	0.000E+00
8	1	0.00	12	-2.167E+05	-5.021E+03	-3.087E+04	0.000E+00	-1.565E+07	2.539E+06	0.000E+00	0.000E+00
8	1	0.00	13	-2.167E+05	5.010E+03	-3.084E+04	0.000E+00	-1.564E+07	-2.533E+06	0.000E+00	0.000E+00
8	1	0.00	14	-2.167E+05	5.010E+03	-3.084E+04	0.000E+00	-1.564E+07	-2.533E+06	0.000E+00	0.000E+00
8	1	0.00	15	-2.167E+05	-5.021E+03	-3.084E+04	0.000E+00	-1.564E+07	2.539E+06	0.000E+00	0.000E+00
8	1	0.00	16	-2.167E+05	-5.021E+03	-3.084E+04	0.000E+00	-1.564E+07	2.539E+06	0.000E+00	0.000E+00
8	2	125.00	1	-2.132E+05	5.010E+03	3.084E+04	0.000E+00	1.178E+07	-1.907E+06	1.559E-02	9.642E-02
8	2	125.00	2	-2.132E+05	5.010E+03	3.084E+04	0.000E+00	1.178E+07	-1.907E+06	1.559E-02	9.641E-02
8	2	125.00	3	-2.132E+05	-5.021E+03	3.084E+04	0.000E+00	1.178E+07	1.911E+06	-1.562E-02	9.642E-02
8	2	125.00	4	-2.132E+05	-5.021E+03	3.084E+04	0.000E+00	1.178E+07	1.911E+06	-1.562E-02	9.641E-02
8	2	125.00	5	-2.132E+05	5.010E+03	3.087E+04	0.000E+00	1.180E+07	-1.907E+06	1.559E-02	9.653E-02
8	2	125.00	6	-2.132E+05	5.010E+03	3.087E+04	0.000E+00	1.180E+07	-1.907E+06	1.559E-02	9.653E-02
8	2	125.00	7	-2.132E+05	-5.021E+03	3.087E+04	0.000E+00	1.180E+07	1.911E+06	-1.562E-02	9.653E-02
8	2	125.00	8	-2.132E+05	-5.021E+03	3.087E+04	0.000E+00	1.180E+07	1.911E+06	-1.562E-02	9.653E-02
8	2	125.00	9	-2.132E+05	5.010E+03	-3.087E+04	0.000E+00	-1.180E+07	-1.907E+06	1.559E-02	-9.653E-02
8	2	125.00	10	-2.132E+05	5.010E+03	-3.087E+04	0.000E+00	-1.180E+07	-1.907E+06	1.559E-02	-9.653E-02
8	2	125.00	11	-2.132E+05	-5.021E+03	-3.087E+04	0.000E+00	-1.180E+07	1.911E+06	-1.562E-02	-9.653E-02
8	2	125.00	12	-2.132E+05	-5.021E+03	-3.087E+04	0.000E+00	-1.180E+07	1.911E+06	-1.562E-02	-9.653E-02
8	2	125.00	13	-2.132E+05	5.010E+03	-3.084E+04	0.000E+00	-1.178E+07	-1.907E+06	1.559E-02	-9.641E-02
8	2	125.00	14	-2.132E+05	5.010E+03	-3.084E+04	0.000E+00	-1.178E+07	-1.907E+06	1.559E-02	-9.642E-02
8	2	125.00	15	-2.132E+05	-5.021E+03	-3.084E+04	0.000E+00	-1.178E+07	1.911E+06	-1.562E-02	-9.641E-02
8	2	125.00	16	-2.132E+05	-5.021E+03	-3.084E+04	0.000E+00	-1.178E+07	1.911E+06	-1.562E-02	-9.642E-02
8	3	250.00	1	-2.097E+05	5.010E+03	3.084E+04	0.000E+00	7.927E+06	-1.281E+06	1.787E-02	1.106E-01
8	3	250.00	2	-2.097E+05	5.010E+03	3.084E+04	0.000E+00	7.927E+06	-1.281E+06	1.787E-02	1.106E-01
8	3	250.00	3	-2.096E+05	-5.021E+03	3.084E+04	0.000E+00	7.927E+06	1.284E+06	-1.791E-02	1.106E-01
8	3	250.00	4	-2.096E+05	-5.021E+03	3.084E+04	0.000E+00	7.927E+06	1.284E+06	-1.791E-02	1.106E-01
8	3	250.00	5	-2.097E+05	5.010E+03	3.087E+04	0.000E+00	7.937E+06	-1.281E+06	1.787E-02	1.108E-01
8	3	250.00	6	-2.097E+05	5.010E+03	3.087E+04	0.000E+00	7.936E+06	-1.281E+06	1.787E-02	1.108E-01
8	3	250.00	7	-2.096E+05	-5.021E+03	3.087E+04	0.000E+00	7.937E+06	1.284E+06	-1.791E-02	1.108E-01
8	3	250.00	8	-2.096E+05	-5.021E+03	3.087E+04	0.000E+00	7.936E+06	1.284E+06	-1.791E-02	1.108E-01
8	3	250.00	9	-2.097E+05	5.010E+03	-3.087E+04	0.000E+00	-7.936E+06	-1.281E+06	1.787E-02	-1.108E-01
8	3	250.00	10	-2.097E+05	5.010E+03	-3.087E+04	0.000E+00	-7.937E+06	-1.281E+06	1.787E-02	-1.108E-01
8	3	250.00	11	-2.096E+05	-5.021E+03	-3.087E+04	0.000E+00	-7.936E+06	1.284E+06	-1.791E-02	-1.108E-01
8	3	250.00	12	-2.096E+05	-5.021E+03	-3.087E+04	0.000E+00	-7.937E+06	1.284E+06	-1.791E-02	-1.108E-01
8	3	250.00	13	-2.097E+05	5.010E+03	-3.084E+04	0.000E+00	-7.927E+06	-1.281E+06	1.787E-02	-1.106E-01
8	3	250.00	14	-2.097E+05	5.010E+03	-3.084E+04	0.000E+00	-7.927E+06	-1.281E+06	1.787E-02	-1.106E-01
8	3	250.00	15	-2.096E+05	-5.021E+03	-3.084E+04	0.000E+00	-7.927E+06	1.284E+06	-1.791E-02	-1.106E-01
8	3	250.00	16	-2.096E+05	-5.021E+03	-3.084E+04	0.000E+00	-7.927E+06	1.284E+06	-1.791E-02	-1.106E-01
8	4	375.00	1	-2.061E+05	5.010E+03	3.084E+04	0.000E+00	4.073E+06	-6.543E+05	1.122E-02	6.952E-02
8	4	375.00	2	-2.061E+05	5.010E+03	3.084E+04	0.000E+00	4.073E+06	-6.543E+05	1.122E-02	6.952E-02
8	4	375.00	3	-2.061E+05	-5.021E+03	3.084E+04	0.000E+00	4.073E+06	6.559E+05	-1.124E-02	6.952E-02
8	4	375.00	4	-2.061E+05	-5.021E+03	3.084E+04	0.000E+00	4.073E+06	6.559E+05	-1.124E-02	6.952E-02
8	4	375.00	5	-2.061E+05	5.010E+03	3.087E+04	0.000E+00	4.078E+06	-6.543E+05	1.122E-02	6.960E-02
8	4	375.00	6	-2.061E+05	5.010E+03	3.087E+04	0.000E+00	4.077E+06	-6.543E+05	1.122E-02	6.960E-02
8	4	375.00	7	-2.061E+05	-5.021E+03	3.087E+04	0.000E+00	4.078E+06	6.559E+05	-1.124E-02	6.960E-02
8	4	375.00	8	-2.061E+05	-5.021E+03	3.087E+04	0.000E+00	4.077E+06	6.559E+05	-1.124E-02	6.960E-02

8	4	375.00	9	-2.061E+05	5.010E+03	-3.087E+04	0.000E+00	-4.077E+06	-6.543E+05	1.122E-02	-6.960E-02
8	4	375.00	10	-2.061E+05	5.010E+03	-3.087E+04	0.000E+00	-4.078E+06	-6.543E+05	1.122E-02	-6.960E-02
8	4	375.00	11	-2.061E+05	-5.021E+03	-3.087E+04	0.000E+00	-4.077E+06	6.559E+05	-1.124E-02	-6.960E-02
8	4	375.00	12	-2.061E+05	-5.021E+03	-3.087E+04	0.000E+00	-4.078E+06	6.559E+05	-1.124E-02	-6.960E-02
8	4	375.00	13	-2.061E+05	5.010E+03	-3.084E+04	0.000E+00	-4.073E+06	-6.543E+05	1.122E-02	-6.952E-02
8	4	375.00	14	-2.061E+05	5.010E+03	-3.084E+04	0.000E+00	-4.073E+06	-6.543E+05	1.122E-02	-6.952E-02
8	4	375.00	15	-2.061E+05	-5.021E+03	-3.084E+04	0.000E+00	-4.073E+06	6.559E+05	-1.124E-02	-6.952E-02
8	4	375.00	16	-2.061E+05	-5.021E+03	-3.084E+04	0.000E+00	-4.073E+06	6.559E+05	-1.124E-02	-6.952E-02
8	5	500.00	1	-2.026E+05	5.010E+03	3.084E+04	0.000E+00	2.199E+05	-2.814E+04	-4.533E-09	1.971E-08
8	5	500.00	2	-2.026E+05	5.010E+03	3.084E+04	0.000E+00	2.198E+05	-2.814E+04	-4.533E-09	1.971E-08
8	5	500.00	3	-2.026E+05	-5.021E+03	3.084E+04	0.000E+00	2.199E+05	2.828E+04	4.537E-09	1.971E-08
8	5	500.00	4	-2.026E+05	-5.021E+03	3.084E+04	0.000E+00	2.198E+05	2.828E+04	4.537E-09	1.971E-08
8	5	500.00	5	-2.026E+05	5.010E+03	3.087E+04	0.000E+00	2.201E+05	-2.814E+04	-4.533E-09	1.970E-08
8	5	500.00	6	-2.026E+05	5.010E+03	3.087E+04	0.000E+00	2.199E+05	-2.814E+04	-4.533E-09	1.970E-08
8	5	500.00	7	-2.026E+05	-5.021E+03	3.087E+04	0.000E+00	2.201E+05	2.828E+04	4.537E-09	1.970E-08
8	5	500.00	8	-2.026E+05	-5.021E+03	3.087E+04	0.000E+00	2.199E+05	2.828E+04	4.537E-09	1.970E-08
8	5	500.00	9	-2.026E+05	5.010E+03	-3.087E+04	0.000E+00	-2.199E+05	-2.814E+04	-4.533E-09	-1.970E-08
8	5	500.00	10	-2.026E+05	5.010E+03	-3.087E+04	0.000E+00	-2.201E+05	-2.814E+04	-4.533E-09	-1.970E-08
8	5	500.00	11	-2.026E+05	-5.021E+03	-3.087E+04	0.000E+00	-2.199E+05	2.828E+04	4.537E-09	-1.970E-08
8	5	500.00	12	-2.026E+05	-5.021E+03	-3.087E+04	0.000E+00	-2.201E+05	2.828E+04	4.537E-09	-1.970E-08
8	5	500.00	13	-2.026E+05	5.010E+03	-3.084E+04	0.000E+00	-2.198E+05	-2.814E+04	-4.533E-09	-1.971E-08
8	5	500.00	14	-2.026E+05	5.010E+03	-3.084E+04	0.000E+00	-2.199E+05	-2.814E+04	-4.533E-09	-1.971E-08
8	5	500.00	15	-2.026E+05	-5.021E+03	-3.084E+04	0.000E+00	-2.198E+05	2.828E+04	4.537E-09	-1.971E-08
8	5	500.00	16	-2.026E+05	-5.021E+03	-3.084E+04	0.000E+00	-2.199E+05	2.828E+04	4.537E-09	-1.971E-08
9	1	0.00	1	-2.162E+05	4.713E+03	3.365E+04	0.000E+00	1.756E+07	-2.376E+06	0.000E+00	0.000E+00
9	1	0.00	2	-2.162E+05	4.713E+03	3.365E+04	0.000E+00	1.756E+07	-2.376E+06	0.000E+00	0.000E+00
9	1	0.00	3	-2.162E+05	-4.472E+03	3.365E+04	0.000E+00	1.756E+07	2.405E+06	0.000E+00	0.000E+00
9	1	0.00	4	-2.162E+05	-4.472E+03	3.365E+04	0.000E+00	1.756E+07	2.405E+06	0.000E+00	0.000E+00
9	1	0.00	5	-2.162E+05	4.713E+03	3.294E+04	0.000E+00	1.719E+07	-2.376E+06	0.000E+00	0.000E+00
9	1	0.00	6	-2.162E+05	4.713E+03	3.294E+04	0.000E+00	1.719E+07	-2.376E+06	0.000E+00	0.000E+00
9	1	0.00	7	-2.162E+05	-4.472E+03	3.294E+04	0.000E+00	1.719E+07	2.405E+06	0.000E+00	0.000E+00
9	1	0.00	8	-2.162E+05	-4.472E+03	3.294E+04	0.000E+00	1.719E+07	2.405E+06	0.000E+00	0.000E+00
9	1	0.00	9	-2.162E+05	4.713E+03	-3.294E+04	0.000E+00	-1.719E+07	-2.376E+06	0.000E+00	0.000E+00
9	1	0.00	10	-2.162E+05	4.713E+03	-3.294E+04	0.000E+00	-1.719E+07	-2.376E+06	0.000E+00	0.000E+00
9	1	0.00	11	-2.162E+05	-4.472E+03	-3.294E+04	0.000E+00	-1.719E+07	2.405E+06	0.000E+00	0.000E+00
9	1	0.00	12	-2.162E+05	-4.472E+03	-3.294E+04	0.000E+00	-1.719E+07	2.405E+06	0.000E+00	0.000E+00
9	1	0.00	13	-2.162E+05	4.713E+03	-3.365E+04	0.000E+00	-1.756E+07	-2.376E+06	0.000E+00	0.000E+00
9	1	0.00	14	-2.162E+05	4.713E+03	-3.365E+04	0.000E+00	-1.756E+07	-2.376E+06	0.000E+00	0.000E+00
9	1	0.00	15	-2.162E+05	-4.472E+03	-3.365E+04	0.000E+00	-1.756E+07	2.405E+06	0.000E+00	0.000E+00
9	1	0.00	16	-2.162E+05	-4.472E+03	-3.365E+04	0.000E+00	-1.756E+07	2.405E+06	0.000E+00	0.000E+00
9	2	128.75	1	-2.126E+05	4.713E+03	3.365E+04	0.000E+00	1.323E+07	-1.769E+06	1.515E-02	1.148E-01
9	2	128.75	2	-2.126E+05	4.713E+03	3.365E+04	0.000E+00	1.323E+07	-1.769E+06	1.515E-02	1.148E-01
9	2	128.75	3	-2.125E+05	-4.472E+03	3.365E+04	0.000E+00	1.323E+07	1.830E+06	-1.605E-02	1.148E-01
9	2	128.75	4	-2.125E+05	-4.472E+03	3.365E+04	0.000E+00	1.323E+07	1.830E+06	-1.605E-02	1.148E-01
9	2	128.75	5	-2.126E+05	4.713E+03	3.294E+04	0.000E+00	1.295E+07	-1.769E+06	1.515E-02	1.124E-01
9	2	128.75	6	-2.126E+05	4.713E+03	3.294E+04	0.000E+00	1.295E+07	-1.769E+06	1.515E-02	1.124E-01
9	2	128.75	7	-2.125E+05	-4.472E+03	3.294E+04	0.000E+00	1.295E+07	1.830E+06	-1.605E-02	1.124E-01
9	2	128.75	8	-2.125E+05	-4.472E+03	3.294E+04	0.000E+00	1.295E+07	1.830E+06	-1.605E-02	1.124E-01
9	2	128.75	9	-2.126E+05	4.713E+03	-3.294E+04	0.000E+00	-1.295E+07	-1.769E+06	1.515E-02	-1.124E-01
9	2	128.75	10	-2.126E+05	4.713E+03	-3.294E+04	0.000E+00	-1.295E+07	-1.769E+06	1.515E-02	-1.124E-01
9	2	128.75	11	-2.125E+05	-4.472E+03	-3.294E+04	0.000E+00	-1.295E+07	1.830E+06	-1.605E-02	-1.124E-01
9	2	128.75	12	-2.125E+05	-4.472E+03	-3.294E+04	0.000E+00	-1.295E+07	1.830E+06	-1.605E-02	-1.124E-01
9	2	128.75	13	-2.126E+05	4.713E+03	-3.365E+04	0.000E+00	-1.323E+07	-1.769E+06	1.515E-02	-1.148E-01
9	2	128.75	14	-2.126E+05	4.713E+03	-3.365E+04	0.000E+00	-1.323E+07	-1.769E+06	1.515E-02	-1.148E-01
9	2	128.75	15	-2.125E+05	-4.472E+03	-3.365E+04	0.000E+00	-1.323E+07	1.830E+06	-1.605E-02	-1.148E-01
9	2	128.75	16	-2.125E+05	-4.472E+03	-3.365E+04	0.000E+00	-1.323E+07	1.830E+06	-1.605E-02	-1.148E-01
9	3	257.50	1	-2.089E+05	4.713E+03	3.365E+04	0.000E+00	8.897E+06	-1.162E+06	1.721E-02	1.317E-01
9	3	257.50	2	-2.089E+05	4.713E+03	3.365E+04	0.000E+00	8.897E+06	-1.162E+06	1.721E-02	1.317E-01
9	3	257.50	3	-2.089E+05	-4.472E+03	3.365E+04	0.000E+00	8.897E+06	1.254E+06	-1.856E-02	1.317E-01
9	3	257.50	4	-2.089E+05	-4.472E+03	3.365E+04	0.000E+00	8.897E+06	1.254E+06	-1.856E-02	1.317E-01
9	3	257.50	5	-2.089E+05	4.713E+03	3.294E+04	0.000E+00	8.710E+06	-1.162E+06	1.721E-02	1.289E-01
9	3	257.50	6	-2.089E+05	4.713E+03	3.294E+04	0.000E+00	8.710E+06	-1.162E+06	1.721E-02	1.289E-01

9	3	257.50	7	-2.089E+05	-4.472E+03	3.294E+04	0.000E+00	8.710E+06	1.254E+06	-1.856E-02	1.289E-01
9	3	257.50	8	-2.089E+05	-4.472E+03	3.294E+04	0.000E+00	8.710E+06	1.254E+06	-1.856E-02	1.289E-01
9	3	257.50	9	-2.089E+05	4.713E+03	-3.294E+04	0.000E+00	-8.710E+06	-1.162E+06	1.721E-02	-1.289E-01
9	3	257.50	10	-2.089E+05	4.713E+03	-3.294E+04	0.000E+00	-8.710E+06	-1.162E+06	1.721E-02	-1.289E-01
9	3	257.50	11	-2.089E+05	-4.472E+03	-3.294E+04	0.000E+00	-8.710E+06	1.254E+06	-1.856E-02	-1.289E-01
9	3	257.50	12	-2.089E+05	-4.472E+03	-3.294E+04	0.000E+00	-8.710E+06	1.254E+06	-1.856E-02	-1.289E-01
9	3	257.50	13	-2.089E+05	4.713E+03	-3.365E+04	0.000E+00	-8.897E+06	-1.162E+06	1.721E-02	-1.317E-01
9	3	257.50	14	-2.089E+05	4.713E+03	-3.365E+04	0.000E+00	-8.897E+06	-1.162E+06	1.721E-02	-1.317E-01
9	3	257.50	15	-2.089E+05	-4.472E+03	-3.365E+04	0.000E+00	-8.897E+06	1.254E+06	-1.856E-02	-1.317E-01
9	3	257.50	16	-2.089E+05	-4.472E+03	-3.365E+04	0.000E+00	-8.897E+06	1.254E+06	-1.856E-02	-1.317E-01
9	4	386.25	1	-2.053E+05	4.713E+03	3.365E+04	0.000E+00	4.564E+06	-5.556E+05	1.066E-02	8.275E-02
9	4	386.25	2	-2.053E+05	4.713E+03	3.365E+04	0.000E+00	4.564E+06	-5.556E+05	1.066E-02	8.275E-02
9	4	386.25	3	-2.053E+05	-4.472E+03	3.365E+04	0.000E+00	4.564E+06	6.781E+05	-1.179E-02	8.275E-02
9	4	386.25	4	-2.053E+05	-4.472E+03	3.365E+04	0.000E+00	4.564E+06	6.781E+05	-1.179E-02	8.275E-02
9	4	386.25	5	-2.053E+05	4.713E+03	3.294E+04	0.000E+00	4.468E+06	-5.556E+05	1.066E-02	8.101E-02
9	4	386.25	6	-2.053E+05	4.713E+03	3.294E+04	0.000E+00	4.468E+06	-5.556E+05	1.066E-02	8.101E-02
9	4	386.25	7	-2.053E+05	-4.472E+03	3.294E+04	0.000E+00	4.468E+06	6.781E+05	-1.179E-02	8.101E-02
9	4	386.25	8	-2.053E+05	-4.472E+03	3.294E+04	0.000E+00	4.468E+06	6.781E+05	-1.179E-02	8.101E-02
9	4	386.25	9	-2.053E+05	4.713E+03	-3.294E+04	0.000E+00	-4.468E+06	-5.556E+05	1.066E-02	-8.101E-02
9	4	386.25	10	-2.053E+05	4.713E+03	-3.294E+04	0.000E+00	-4.468E+06	-5.556E+05	1.066E-02	-8.101E-02
9	4	386.25	11	-2.053E+05	-4.472E+03	-3.294E+04	0.000E+00	-4.468E+06	6.781E+05	-1.179E-02	-8.101E-02
9	4	386.25	12	-2.053E+05	-4.472E+03	-3.294E+04	0.000E+00	-4.468E+06	6.781E+05	-1.179E-02	-8.101E-02
9	4	386.25	13	-2.053E+05	4.713E+03	-3.365E+04	0.000E+00	-4.564E+06	-5.556E+05	1.066E-02	-8.275E-02
9	4	386.25	14	-2.053E+05	4.713E+03	-3.365E+04	0.000E+00	-4.564E+06	-5.556E+05	1.066E-02	-8.275E-02
9	4	386.25	15	-2.053E+05	-4.472E+03	-3.365E+04	0.000E+00	-4.564E+06	6.781E+05	-1.179E-02	-8.275E-02
9	4	386.25	16	-2.053E+05	-4.472E+03	-3.365E+04	0.000E+00	-4.564E+06	6.781E+05	-1.179E-02	-8.275E-02
9	5	515.00	1	-2.016E+05	4.713E+03	3.365E+04	0.000E+00	2.333E+05	5.128E+04	1.149E-09	-1.471E-08
9	5	515.00	2	-2.016E+05	4.713E+03	3.365E+04	0.000E+00	2.331E+05	5.128E+04	1.149E-09	-1.471E-08
9	5	515.00	3	-2.016E+05	-4.472E+03	3.365E+04	0.000E+00	2.333E+05	1.024E+05	-9.995E-10	-1.471E-08
9	5	515.00	4	-2.016E+05	-4.472E+03	3.365E+04	0.000E+00	2.331E+05	1.024E+05	-9.995E-10	-1.471E-08
9	5	515.00	5	-2.016E+05	4.713E+03	3.294E+04	0.000E+00	2.283E+05	5.128E+04	1.149E-09	-1.393E-08
9	5	515.00	6	-2.016E+05	4.713E+03	3.294E+04	0.000E+00	2.281E+05	5.128E+04	1.149E-09	-1.393E-08
9	5	515.00	7	-2.016E+05	-4.472E+03	3.294E+04	0.000E+00	2.283E+05	1.024E+05	-9.995E-10	-1.393E-08
9	5	515.00	8	-2.016E+05	-4.472E+03	3.294E+04	0.000E+00	2.281E+05	1.024E+05	-9.995E-10	-1.393E-08
9	5	515.00	9	-2.016E+05	4.713E+03	-3.294E+04	0.000E+00	-2.281E+05	5.128E+04	1.149E-09	1.393E-08
9	5	515.00	10	-2.016E+05	4.713E+03	-3.294E+04	0.000E+00	-2.283E+05	5.128E+04	1.149E-09	1.393E-08
9	5	515.00	11	-2.016E+05	-4.472E+03	-3.294E+04	0.000E+00	-2.281E+05	1.024E+05	-9.995E-10	1.393E-08
9	5	515.00	12	-2.016E+05	-4.472E+03	-3.294E+04	0.000E+00	-2.283E+05	1.024E+05	-9.995E-10	1.393E-08
9	5	515.00	13	-2.016E+05	4.713E+03	-3.365E+04	0.000E+00	-2.331E+05	5.128E+04	1.149E-09	1.471E-08
9	5	515.00	14	-2.016E+05	4.713E+03	-3.365E+04	0.000E+00	-2.333E+05	5.128E+04	1.149E-09	1.471E-08
9	5	515.00	15	-2.016E+05	-4.472E+03	-3.365E+04	0.000E+00	-2.331E+05	1.024E+05	-9.995E-10	1.471E-08
9	5	515.00	16	-2.016E+05	-4.472E+03	-3.365E+04	0.000E+00	-2.333E+05	1.024E+05	-9.995E-10	1.471E-08
10	1	0.00	1	-2.152E+05	4.223E+03	3.113E+04	0.000E+00	1.625E+07	-2.197E+06	0.000E+00	0.000E+00
10	1	0.00	2	-2.152E+05	4.223E+03	3.114E+04	0.000E+00	1.625E+07	-2.197E+06	0.000E+00	0.000E+00
10	1	0.00	3	-2.152E+05	-4.468E+03	3.113E+04	0.000E+00	1.625E+07	2.325E+06	0.000E+00	0.000E+00
10	1	0.00	4	-2.152E+05	-4.468E+03	3.114E+04	0.000E+00	1.625E+07	2.325E+06	0.000E+00	0.000E+00
10	1	0.00	5	-2.152E+05	4.223E+03	2.972E+04	0.000E+00	1.551E+07	-2.197E+06	0.000E+00	0.000E+00
10	1	0.00	6	-2.152E+05	4.223E+03	2.972E+04	0.000E+00	1.551E+07	-2.197E+06	0.000E+00	0.000E+00
10	1	0.00	7	-2.152E+05	-4.468E+03	2.972E+04	0.000E+00	1.551E+07	2.325E+06	0.000E+00	0.000E+00
10	1	0.00	8	-2.152E+05	-4.468E+03	2.972E+04	0.000E+00	1.551E+07	2.325E+06	0.000E+00	0.000E+00
10	1	0.00	9	-2.152E+05	4.223E+03	-2.972E+04	0.000E+00	-1.551E+07	-2.197E+06	0.000E+00	0.000E+00
10	1	0.00	10	-2.152E+05	4.223E+03	-2.972E+04	0.000E+00	-1.551E+07	-2.197E+06	0.000E+00	0.000E+00
10	1	0.00	11	-2.152E+05	-4.468E+03	-2.972E+04	0.000E+00	-1.551E+07	2.325E+06	0.000E+00	0.000E+00
10	1	0.00	12	-2.152E+05	-4.468E+03	-2.972E+04	0.000E+00	-1.551E+07	2.325E+06	0.000E+00	0.000E+00
10	1	0.00	13	-2.152E+05	4.223E+03	-3.114E+04	0.000E+00	-1.625E+07	-2.197E+06	0.000E+00	0.000E+00
10	1	0.00	14	-2.152E+05	4.223E+03	-3.113E+04	0.000E+00	-1.625E+07	-2.197E+06	0.000E+00	0.000E+00
10	1	0.00	15	-2.152E+05	-4.468E+03	-3.114E+04	0.000E+00	-1.625E+07	2.325E+06	0.000E+00	0.000E+00
10	1	0.00	16	-2.152E+05	-4.468E+03	-3.113E+04	0.000E+00	-1.625E+07	2.325E+06	0.000E+00	0.000E+00
10	2	128.75	1	-2.116E+05	4.223E+03	3.113E+04	0.000E+00	1.224E+07	-1.653E+06	1.433E-02	1.062E-01
10	2	128.75	2	-2.116E+05	4.223E+03	3.114E+04	0.000E+00	1.224E+07	-1.653E+06	1.433E-02	1.062E-01
10	2	128.75	3	-2.116E+05	-4.468E+03	3.113E+04	0.000E+00	1.224E+07	1.750E+06	-1.517E-02	1.062E-01
10	2	128.75	4	-2.116E+05	-4.468E+03	3.114E+04	0.000E+00	1.224E+07	1.750E+06	-1.517E-02	1.062E-01

10	2	128.75	5	-2.116E+05	4.223E+03	2.972E+04	0.000E+00	1.168E+07	-1.653E+06	1.433E-02	1.014E-01
10	2	128.75	6	-2.116E+05	4.223E+03	2.972E+04	0.000E+00	1.168E+07	-1.653E+06	1.433E-02	1.014E-01
10	2	128.75	7	-2.116E+05	-4.468E+03	2.972E+04	0.000E+00	1.168E+07	1.750E+06	-1.517E-02	1.014E-01
10	2	128.75	8	-2.116E+05	-4.468E+03	2.972E+04	0.000E+00	1.168E+07	1.750E+06	-1.517E-02	1.014E-01
10	2	128.75	9	-2.116E+05	4.223E+03	-2.972E+04	0.000E+00	-1.168E+07	-1.653E+06	1.433E-02	-1.014E-01
10	2	128.75	10	-2.116E+05	4.223E+03	-2.972E+04	0.000E+00	-1.168E+07	-1.653E+06	1.433E-02	-1.014E-01
10	2	128.75	11	-2.116E+05	-4.468E+03	-2.972E+04	0.000E+00	-1.168E+07	1.750E+06	-1.517E-02	-1.014E-01
10	2	128.75	12	-2.116E+05	-4.468E+03	-2.972E+04	0.000E+00	-1.168E+07	1.750E+06	-1.517E-02	-1.014E-01
10	2	128.75	13	-2.116E+05	4.223E+03	-3.114E+04	0.000E+00	-1.224E+07	-1.653E+06	1.433E-02	-1.062E-01
10	2	128.75	14	-2.116E+05	4.223E+03	-3.113E+04	0.000E+00	-1.224E+07	-1.653E+06	1.433E-02	-1.062E-01
10	2	128.75	15	-2.116E+05	-4.468E+03	-3.114E+04	0.000E+00	-1.224E+07	1.750E+06	-1.517E-02	-1.062E-01
10	2	128.75	16	-2.116E+05	-4.468E+03	-3.113E+04	0.000E+00	-1.224E+07	1.750E+06	-1.517E-02	-1.062E-01
10	3	257.50	1	-2.080E+05	4.223E+03	3.113E+04	0.000E+00	8.228E+06	-1.109E+06	1.642E-02	1.218E-01
10	3	257.50	2	-2.080E+05	4.223E+03	3.114E+04	0.000E+00	8.228E+06	-1.109E+06	1.642E-02	1.218E-01
10	3	257.50	3	-2.079E+05	-4.468E+03	3.113E+04	0.000E+00	8.228E+06	1.174E+06	-1.739E-02	1.218E-01
10	3	257.50	4	-2.079E+05	-4.468E+03	3.114E+04	0.000E+00	8.228E+06	1.174E+06	-1.739E-02	1.218E-01
10	3	257.50	5	-2.080E+05	4.223E+03	2.972E+04	0.000E+00	7.853E+06	-1.109E+06	1.642E-02	1.163E-01
10	3	257.50	6	-2.080E+05	4.223E+03	2.972E+04	0.000E+00	7.853E+06	-1.109E+06	1.642E-02	1.163E-01
10	3	257.50	7	-2.079E+05	-4.468E+03	2.972E+04	0.000E+00	7.853E+06	1.174E+06	-1.739E-02	1.163E-01
10	3	257.50	8	-2.079E+05	-4.468E+03	2.972E+04	0.000E+00	7.853E+06	1.174E+06	-1.739E-02	1.163E-01
10	3	257.50	9	-2.080E+05	4.223E+03	-2.972E+04	0.000E+00	-7.853E+06	-1.109E+06	1.642E-02	-1.163E-01
10	3	257.50	10	-2.080E+05	4.223E+03	-2.972E+04	0.000E+00	-7.853E+06	-1.109E+06	1.642E-02	-1.163E-01
10	3	257.50	11	-2.079E+05	-4.468E+03	-2.972E+04	0.000E+00	-7.853E+06	1.174E+06	-1.739E-02	-1.163E-01
10	3	257.50	12	-2.079E+05	-4.468E+03	-2.972E+04	0.000E+00	-7.853E+06	1.174E+06	-1.739E-02	-1.163E-01
10	3	257.50	13	-2.080E+05	4.223E+03	-3.114E+04	0.000E+00	-8.228E+06	-1.109E+06	1.642E-02	-1.218E-01
10	3	257.50	14	-2.080E+05	4.223E+03	-3.113E+04	0.000E+00	-8.228E+06	-1.109E+06	1.642E-02	-1.218E-01
10	3	257.50	15	-2.079E+05	-4.468E+03	-3.114E+04	0.000E+00	-8.228E+06	1.174E+06	-1.739E-02	-1.218E-01
10	3	257.50	16	-2.079E+05	-4.468E+03	-3.113E+04	0.000E+00	-8.228E+06	1.174E+06	-1.739E-02	-1.218E-01
10	4	386.25	1	-2.043E+05	4.223E+03	3.113E+04	0.000E+00	4.220E+06	-5.655E+05	1.030E-02	7.653E-02
10	4	386.25	2	-2.043E+05	4.223E+03	3.114E+04	0.000E+00	4.220E+06	-5.655E+05	1.030E-02	7.653E-02
10	4	386.25	3	-2.043E+05	-4.468E+03	3.113E+04	0.000E+00	4.220E+06	5.991E+05	-1.091E-02	7.653E-02
10	4	386.25	4	-2.043E+05	-4.468E+03	3.114E+04	0.000E+00	4.220E+06	5.991E+05	-1.091E-02	7.653E-02
10	4	386.25	5	-2.043E+05	4.223E+03	2.972E+04	0.000E+00	4.027E+06	-5.655E+05	1.030E-02	7.304E-02
10	4	386.25	6	-2.043E+05	4.223E+03	2.972E+04	0.000E+00	4.027E+06	-5.655E+05	1.030E-02	7.304E-02
10	4	386.25	7	-2.043E+05	-4.468E+03	2.972E+04	0.000E+00	4.027E+06	5.991E+05	-1.091E-02	7.304E-02
10	4	386.25	8	-2.043E+05	-4.468E+03	2.972E+04	0.000E+00	4.027E+06	5.991E+05	-1.091E-02	7.304E-02
10	4	386.25	9	-2.043E+05	4.223E+03	-2.972E+04	0.000E+00	-4.027E+06	-5.655E+05	1.030E-02	-7.304E-02
10	4	386.25	10	-2.043E+05	4.223E+03	-2.972E+04	0.000E+00	-4.027E+06	-5.655E+05	1.030E-02	-7.304E-02
10	4	386.25	11	-2.043E+05	-4.468E+03	-2.972E+04	0.000E+00	-4.027E+06	5.991E+05	-1.091E-02	-7.304E-02
10	4	386.25	12	-2.043E+05	-4.468E+03	-2.972E+04	0.000E+00	-4.027E+06	5.991E+05	-1.091E-02	-7.304E-02
10	4	386.25	13	-2.043E+05	4.223E+03	-3.114E+04	0.000E+00	-4.220E+06	-5.655E+05	1.030E-02	-7.653E-02
10	4	386.25	14	-2.043E+05	4.223E+03	-3.113E+04	0.000E+00	-4.220E+06	-5.655E+05	1.030E-02	-7.653E-02
10	4	386.25	15	-2.043E+05	-4.468E+03	-3.114E+04	0.000E+00	-4.220E+06	5.991E+05	-1.091E-02	-7.653E-02
10	4	386.25	16	-2.043E+05	-4.468E+03	-3.113E+04	0.000E+00	-4.220E+06	5.991E+05	-1.091E-02	-7.653E-02
10	5	515.00	1	-2.007E+05	4.223E+03	3.113E+04	0.000E+00	2.128E+05	-2.182E+04	-2.255E-09	-8.638E-08
10	5	515.00	2	-2.007E+05	4.223E+03	3.114E+04	0.000E+00	2.126E+05	-2.182E+04	-2.255E-09	-8.638E-08
10	5	515.00	3	-2.007E+05	-4.468E+03	3.113E+04	0.000E+00	2.128E+05	2.383E+04	2.276E-09	-8.638E-08
10	5	515.00	4	-2.007E+05	-4.468E+03	3.114E+04	0.000E+00	2.126E+05	2.383E+04	2.276E-09	-8.638E-08
10	5	515.00	5	-2.007E+05	4.223E+03	2.972E+04	0.000E+00	2.032E+05	-2.182E+04	-2.255E-09	-8.656E-08
10	5	515.00	6	-2.007E+05	4.223E+03	2.972E+04	0.000E+00	2.030E+05	-2.182E+04	-2.255E-09	-8.656E-08
10	5	515.00	7	-2.007E+05	-4.468E+03	2.972E+04	0.000E+00	2.032E+05	2.383E+04	2.276E-09	-8.656E-08
10	5	515.00	8	-2.007E+05	-4.468E+03	2.972E+04	0.000E+00	2.030E+05	2.383E+04	2.276E-09	-8.656E-08
10	5	515.00	9	-2.007E+05	4.223E+03	-2.972E+04	0.000E+00	-2.030E+05	-2.182E+04	-2.255E-09	8.656E-08
10	5	515.00	10	-2.007E+05	4.223E+03	-2.972E+04	0.000E+00	-2.032E+05	-2.182E+04	-2.255E-09	8.656E-08
10	5	515.00	11	-2.007E+05	-4.468E+03	-2.972E+04	0.000E+00	-2.030E+05	2.383E+04	2.276E-09	8.656E-08
10	5	515.00	12	-2.007E+05	-4.468E+03	-2.972E+04	0.000E+00	-2.032E+05	2.383E+04	2.276E-09	8.656E-08
10	5	515.00	13	-2.007E+05	4.223E+03	-3.114E+04	0.000E+00	-2.126E+05	-2.182E+04	-2.255E-09	8.638E-08
10	5	515.00	14	-2.007E+05	4.223E+03	-3.113E+04	0.000E+00	-2.128E+05	-2.182E+04	-2.255E-09	8.638E-08
10	5	515.00	15	-2.007E+05	-4.468E+03	-3.114E+04	0.000E+00	-2.126E+05	2.383E+04	2.276E-09	8.638E-08
10	5	515.00	16	-2.007E+05	-4.468E+03	-3.113E+04	0.000E+00	-2.128E+05	2.383E+04	2.276E-09	8.638E-08
11	1	0.00	1	-2.133E+05	5.330E+03	2.824E+04	0.000E+00	1.281E+07	-2.407E+06	0.000E+00	0.000E+00
11	1	0.00	2	-2.133E+05	5.330E+03	2.824E+04	0.000E+00	1.281E+07	-2.407E+06	0.000E+00	0.000E+00

11	1	0.00	3	-2.132E+05	-5.853E+03	2.824E+04	0.000E+00	1.281E+07	2.643E+06	0.000E+00	0.000E+00
11	1	0.00	4	-2.132E+05	-5.853E+03	2.824E+04	0.000E+00	1.281E+07	2.643E+06	0.000E+00	0.000E+00
11	1	0.00	5	-2.133E+05	5.330E+03	2.597E+04	0.000E+00	1.178E+07	-2.407E+06	0.000E+00	0.000E+00
11	1	0.00	6	-2.133E+05	5.330E+03	2.597E+04	0.000E+00	1.178E+07	-2.407E+06	0.000E+00	0.000E+00
11	1	0.00	7	-2.132E+05	-5.853E+03	2.597E+04	0.000E+00	1.178E+07	2.643E+06	0.000E+00	0.000E+00
11	1	0.00	8	-2.132E+05	-5.853E+03	2.597E+04	0.000E+00	1.178E+07	2.643E+06	0.000E+00	0.000E+00
11	1	0.00	9	-2.133E+05	5.330E+03	-2.597E+04	0.000E+00	-1.178E+07	-2.407E+06	0.000E+00	0.000E+00
11	1	0.00	10	-2.133E+05	5.330E+03	-2.597E+04	0.000E+00	-1.178E+07	-2.407E+06	0.000E+00	0.000E+00
11	1	0.00	11	-2.132E+05	-5.853E+03	-2.597E+04	0.000E+00	-1.178E+07	2.643E+06	0.000E+00	0.000E+00
11	1	0.00	12	-2.132E+05	-5.853E+03	-2.597E+04	0.000E+00	-1.178E+07	2.643E+06	0.000E+00	0.000E+00
11	1	0.00	13	-2.133E+05	5.330E+03	-2.824E+04	0.000E+00	-1.281E+07	-2.407E+06	0.000E+00	0.000E+00
11	1	0.00	14	-2.133E+05	5.330E+03	-2.824E+04	0.000E+00	-1.281E+07	-2.407E+06	0.000E+00	0.000E+00
11	1	0.00	15	-2.132E+05	-5.853E+03	-2.824E+04	0.000E+00	-1.281E+07	2.643E+06	0.000E+00	0.000E+00
11	1	0.00	16	-2.132E+05	-5.853E+03	-2.824E+04	0.000E+00	-1.281E+07	2.643E+06	0.000E+00	0.000E+00
11	2	111.25	1	-2.101E+05	5.330E+03	2.824E+04	0.000E+00	9.664E+06	-1.814E+06	1.176E-02	6.276E-02
11	2	111.25	2	-2.101E+05	5.330E+03	2.824E+04	0.000E+00	9.664E+06	-1.814E+06	1.176E-02	6.276E-02
11	2	111.25	3	-2.101E+05	-5.853E+03	2.824E+04	0.000E+00	9.664E+06	1.992E+06	-1.292E-02	6.276E-02
11	2	111.25	4	-2.101E+05	-5.853E+03	2.824E+04	0.000E+00	9.664E+06	1.992E+06	-1.292E-02	6.276E-02
11	2	111.25	5	-2.101E+05	5.330E+03	2.597E+04	0.000E+00	8.888E+06	-1.814E+06	1.176E-02	5.772E-02
11	2	111.25	6	-2.101E+05	5.330E+03	2.597E+04	0.000E+00	8.888E+06	-1.814E+06	1.176E-02	5.772E-02
11	2	111.25	7	-2.101E+05	-5.853E+03	2.597E+04	0.000E+00	8.888E+06	1.992E+06	-1.292E-02	5.772E-02
11	2	111.25	8	-2.101E+05	-5.853E+03	2.597E+04	0.000E+00	8.888E+06	1.992E+06	-1.292E-02	5.772E-02
11	2	111.25	9	-2.101E+05	5.330E+03	-2.597E+04	0.000E+00	-8.888E+06	-1.814E+06	1.176E-02	-5.772E-02
11	2	111.25	10	-2.101E+05	5.330E+03	-2.597E+04	0.000E+00	-8.888E+06	-1.814E+06	1.176E-02	-5.772E-02
11	2	111.25	11	-2.101E+05	-5.853E+03	-2.597E+04	0.000E+00	-8.888E+06	1.992E+06	-1.292E-02	-5.772E-02
11	2	111.25	12	-2.101E+05	-5.853E+03	-2.597E+04	0.000E+00	-8.888E+06	1.992E+06	-1.292E-02	-5.772E-02
11	2	111.25	13	-2.101E+05	5.330E+03	-2.824E+04	0.000E+00	-9.664E+06	-1.814E+06	1.176E-02	-6.276E-02
11	2	111.25	14	-2.101E+05	5.330E+03	-2.824E+04	0.000E+00	-9.664E+06	-1.814E+06	1.176E-02	-6.276E-02
11	2	111.25	15	-2.101E+05	-5.853E+03	-2.824E+04	0.000E+00	-9.664E+06	1.992E+06	-1.292E-02	-6.276E-02
11	2	111.25	16	-2.101E+05	-5.853E+03	-2.824E+04	0.000E+00	-9.664E+06	1.992E+06	-1.292E-02	-6.276E-02
11	3	222.50	1	-2.070E+05	5.330E+03	2.824E+04	0.000E+00	6.523E+06	-1.221E+06	1.350E-02	7.210E-02
11	3	222.50	2	-2.070E+05	5.330E+03	2.824E+04	0.000E+00	6.523E+06	-1.221E+06	1.350E-02	7.210E-02
11	3	222.50	3	-2.070E+05	-5.853E+03	2.824E+04	0.000E+00	6.523E+06	1.341E+06	-1.482E-02	7.210E-02
11	3	222.50	4	-2.070E+05	-5.853E+03	2.824E+04	0.000E+00	6.523E+06	1.341E+06	-1.482E-02	7.210E-02
11	3	222.50	5	-2.070E+05	5.330E+03	2.597E+04	0.000E+00	5.999E+06	-1.221E+06	1.350E-02	6.632E-02
11	3	222.50	6	-2.070E+05	5.330E+03	2.597E+04	0.000E+00	6.000E+06	-1.221E+06	1.350E-02	6.632E-02
11	3	222.50	7	-2.070E+05	-5.853E+03	2.597E+04	0.000E+00	5.999E+06	1.341E+06	-1.482E-02	6.632E-02
11	3	222.50	8	-2.070E+05	-5.853E+03	2.597E+04	0.000E+00	6.000E+06	1.341E+06	-1.482E-02	6.632E-02
11	3	222.50	9	-2.070E+05	5.330E+03	-2.597E+04	0.000E+00	-6.000E+06	-1.221E+06	1.350E-02	-6.632E-02
11	3	222.50	10	-2.070E+05	5.330E+03	-2.597E+04	0.000E+00	-5.999E+06	-1.221E+06	1.350E-02	-6.632E-02
11	3	222.50	11	-2.070E+05	-5.853E+03	-2.597E+04	0.000E+00	-6.000E+06	1.341E+06	-1.482E-02	-6.632E-02
11	3	222.50	12	-2.070E+05	-5.853E+03	-2.597E+04	0.000E+00	-5.999E+06	1.341E+06	-1.482E-02	-6.632E-02
11	3	222.50	13	-2.070E+05	5.330E+03	-2.824E+04	0.000E+00	-6.523E+06	-1.221E+06	1.350E-02	-7.210E-02
11	3	222.50	14	-2.070E+05	5.330E+03	-2.824E+04	0.000E+00	-6.523E+06	-1.221E+06	1.350E-02	-7.210E-02
11	3	222.50	15	-2.070E+05	-5.853E+03	-2.824E+04	0.000E+00	-6.523E+06	1.341E+06	-1.482E-02	-7.210E-02
11	3	222.50	16	-2.070E+05	-5.853E+03	-2.824E+04	0.000E+00	-6.523E+06	1.341E+06	-1.482E-02	-7.210E-02
11	4	333.75	1	-2.038E+05	5.330E+03	2.824E+04	0.000E+00	3.381E+06	-6.282E+05	8.485E-03	4.539E-02
11	4	333.75	2	-2.038E+05	5.330E+03	2.824E+04	0.000E+00	3.381E+06	-6.282E+05	8.485E-03	4.540E-02
11	4	333.75	3	-2.038E+05	-5.853E+03	2.824E+04	0.000E+00	3.381E+06	6.897E+05	-9.316E-03	4.539E-02
11	4	333.75	4	-2.038E+05	-5.853E+03	2.824E+04	0.000E+00	3.381E+06	6.897E+05	-9.316E-03	4.540E-02
11	4	333.75	5	-2.038E+05	5.330E+03	2.597E+04	0.000E+00	3.111E+06	-6.282E+05	8.485E-03	4.175E-02
11	4	333.75	6	-2.038E+05	5.330E+03	2.597E+04	0.000E+00	3.111E+06	-6.282E+05	8.485E-03	4.176E-02
11	4	333.75	7	-2.038E+05	-5.853E+03	2.597E+04	0.000E+00	3.111E+06	6.897E+05	-9.316E-03	4.175E-02
11	4	333.75	8	-2.038E+05	-5.853E+03	2.597E+04	0.000E+00	3.111E+06	6.897E+05	-9.316E-03	4.176E-02
11	4	333.75	9	-2.038E+05	5.330E+03	-2.597E+04	0.000E+00	-3.111E+06	-6.282E+05	8.485E-03	-4.176E-02
11	4	333.75	10	-2.038E+05	5.330E+03	-2.597E+04	0.000E+00	-3.111E+06	-6.282E+05	8.485E-03	-4.175E-02
11	4	333.75	11	-2.038E+05	-5.853E+03	-2.597E+04	0.000E+00	-3.111E+06	6.897E+05	-9.316E-03	-4.176E-02
11	4	333.75	12	-2.038E+05	-5.853E+03	-2.597E+04	0.000E+00	-3.111E+06	6.897E+05	-9.316E-03	-4.175E-02
11	4	333.75	13	-2.038E+05	5.330E+03	-2.824E+04	0.000E+00	-3.381E+06	-6.282E+05	8.485E-03	-4.540E-02
11	4	333.75	14	-2.038E+05	5.330E+03	-2.824E+04	0.000E+00	-3.381E+06	-6.282E+05	8.485E-03	-4.539E-02
11	4	333.75	15	-2.038E+05	-5.853E+03	-2.824E+04	0.000E+00	-3.381E+06	6.897E+05	-9.316E-03	-4.540E-02
11	4	333.75	16	-2.038E+05	-5.853E+03	-2.824E+04	0.000E+00	-3.381E+06	6.897E+05	-9.316E-03	-4.539E-02

11	5	445.00	1	-2.007E+05	5.330E+03	2.824E+04	0.000E+00	2.413E+05	-3.524E+04	2.276E-10	1.684E-08
11	5	445.00	2	-2.007E+05	5.330E+03	2.824E+04	0.000E+00	2.412E+05	-3.524E+04	2.276E-10	1.684E-08
11	5	445.00	3	-2.007E+05	-5.853E+03	2.824E+04	0.000E+00	2.413E+05	3.854E+04	-6.345E-11	1.684E-08
11	5	445.00	4	-2.007E+05	-5.853E+03	2.824E+04	0.000E+00	2.412E+05	3.854E+04	-6.345E-11	1.684E-08
11	5	445.00	5	-2.007E+05	5.330E+03	2.597E+04	0.000E+00	2.236E+05	-3.524E+04	2.276E-10	1.344E-08
11	5	445.00	6	-2.007E+05	5.330E+03	2.597E+04	0.000E+00	2.234E+05	-3.524E+04	2.276E-10	1.344E-08
11	5	445.00	7	-2.007E+05	-5.853E+03	2.597E+04	0.000E+00	2.236E+05	3.854E+04	-6.345E-11	1.344E-08
11	5	445.00	8	-2.007E+05	-5.853E+03	2.597E+04	0.000E+00	2.234E+05	3.854E+04	-6.345E-11	1.344E-08
11	5	445.00	9	-2.007E+05	5.330E+03	-2.597E+04	0.000E+00	-2.234E+05	-3.524E+04	2.276E-10	-1.344E-08
11	5	445.00	10	-2.007E+05	5.330E+03	-2.597E+04	0.000E+00	-2.236E+05	-3.524E+04	2.276E-10	-1.344E-08
11	5	445.00	11	-2.007E+05	-5.853E+03	-2.597E+04	0.000E+00	-2.234E+05	3.854E+04	-6.345E-11	-1.344E-08
11	5	445.00	12	-2.007E+05	-5.853E+03	-2.597E+04	0.000E+00	-2.236E+05	3.854E+04	-6.345E-11	-1.344E-08
11	5	445.00	13	-2.007E+05	5.330E+03	-2.824E+04	0.000E+00	-2.412E+05	-3.524E+04	2.276E-10	-1.684E-08
11	5	445.00	14	-2.007E+05	5.330E+03	-2.824E+04	0.000E+00	-2.413E+05	-3.524E+04	2.276E-10	-1.684E-08
11	5	445.00	15	-2.007E+05	-5.853E+03	-2.824E+04	0.000E+00	-2.412E+05	3.854E+04	-6.345E-11	-1.684E-08
11	5	445.00	16	-2.007E+05	-5.853E+03	-2.824E+04	0.000E+00	-2.413E+05	3.854E+04	-6.345E-11	-1.684E-08
12	1	0.00	1	-2.157E+05	2.925E+03	3.592E+04	0.000E+00	1.926E+07	-1.564E+06	0.000E+00	0.000E+00
12	1	0.00	2	-2.157E+05	2.925E+03	3.593E+04	0.000E+00	1.926E+07	-1.564E+06	0.000E+00	0.000E+00
12	1	0.00	3	-2.156E+05	-3.386E+03	3.592E+04	0.000E+00	1.926E+07	1.811E+06	0.000E+00	0.000E+00
12	1	0.00	4	-2.156E+05	-3.386E+03	3.593E+04	0.000E+00	1.926E+07	1.811E+06	0.000E+00	0.000E+00
12	1	0.00	5	-2.157E+05	2.925E+03	3.305E+04	0.000E+00	1.771E+07	-1.564E+06	0.000E+00	0.000E+00
12	1	0.00	6	-2.157E+05	2.925E+03	3.305E+04	0.000E+00	1.772E+07	-1.564E+06	0.000E+00	0.000E+00
12	1	0.00	7	-2.156E+05	-3.386E+03	3.305E+04	0.000E+00	1.771E+07	1.811E+06	0.000E+00	0.000E+00
12	1	0.00	8	-2.156E+05	-3.386E+03	3.305E+04	0.000E+00	1.772E+07	1.811E+06	0.000E+00	0.000E+00
12	1	0.00	9	-2.157E+05	2.925E+03	-3.305E+04	0.000E+00	-1.772E+07	-1.564E+06	0.000E+00	0.000E+00
12	1	0.00	10	-2.157E+05	2.925E+03	-3.305E+04	0.000E+00	-1.771E+07	-1.564E+06	0.000E+00	0.000E+00
12	1	0.00	11	-2.156E+05	-3.386E+03	-3.305E+04	0.000E+00	-1.772E+07	1.811E+06	0.000E+00	0.000E+00
12	1	0.00	12	-2.156E+05	-3.386E+03	-3.305E+04	0.000E+00	-1.771E+07	1.811E+06	0.000E+00	0.000E+00
12	1	0.00	13	-2.157E+05	2.925E+03	-3.593E+04	0.000E+00	-1.926E+07	-1.564E+06	0.000E+00	0.000E+00
12	1	0.00	14	-2.157E+05	2.925E+03	-3.592E+04	0.000E+00	-1.926E+07	-1.564E+06	0.000E+00	0.000E+00
12	1	0.00	15	-2.156E+05	-3.386E+03	-3.593E+04	0.000E+00	-1.926E+07	1.811E+06	0.000E+00	0.000E+00
12	1	0.00	16	-2.156E+05	-3.386E+03	-3.592E+04	0.000E+00	-1.926E+07	1.811E+06	0.000E+00	0.000E+00
12	2	132.50	1	-2.119E+05	2.925E+03	3.592E+04	0.000E+00	1.450E+07	-1.176E+06	1.079E-02	1.332E-01
12	2	132.50	2	-2.119E+05	2.925E+03	3.593E+04	0.000E+00	1.450E+07	-1.176E+06	1.079E-02	1.332E-01
12	2	132.50	3	-2.119E+05	-3.386E+03	3.592E+04	0.000E+00	1.450E+07	1.363E+06	-1.251E-02	1.332E-01
12	2	132.50	4	-2.119E+05	-3.386E+03	3.593E+04	0.000E+00	1.450E+07	1.363E+06	-1.251E-02	1.332E-01
12	2	132.50	5	-2.119E+05	2.925E+03	3.305E+04	0.000E+00	1.334E+07	-1.176E+06	1.079E-02	1.225E-01
12	2	132.50	6	-2.119E+05	2.925E+03	3.305E+04	0.000E+00	1.334E+07	-1.176E+06	1.079E-02	1.225E-01
12	2	132.50	7	-2.119E+05	-3.386E+03	3.305E+04	0.000E+00	1.334E+07	1.363E+06	-1.251E-02	1.225E-01
12	2	132.50	8	-2.119E+05	-3.386E+03	3.305E+04	0.000E+00	1.334E+07	1.363E+06	-1.251E-02	1.225E-01
12	2	132.50	9	-2.119E+05	2.925E+03	-3.305E+04	0.000E+00	-1.334E+07	-1.176E+06	1.079E-02	-1.225E-01
12	2	132.50	10	-2.119E+05	2.925E+03	-3.305E+04	0.000E+00	-1.334E+07	-1.176E+06	1.079E-02	-1.225E-01
12	2	132.50	11	-2.119E+05	-3.386E+03	-3.305E+04	0.000E+00	-1.334E+07	1.363E+06	-1.251E-02	-1.225E-01
12	2	132.50	12	-2.119E+05	-3.386E+03	-3.305E+04	0.000E+00	-1.334E+07	1.363E+06	-1.251E-02	-1.225E-01
12	2	132.50	13	-2.119E+05	2.925E+03	-3.593E+04	0.000E+00	-1.450E+07	-1.176E+06	1.079E-02	-1.332E-01
12	2	132.50	14	-2.119E+05	2.925E+03	-3.592E+04	0.000E+00	-1.450E+07	-1.176E+06	1.079E-02	-1.332E-01
12	2	132.50	15	-2.119E+05	-3.386E+03	-3.593E+04	0.000E+00	-1.450E+07	1.363E+06	-1.251E-02	-1.332E-01
12	2	132.50	16	-2.119E+05	-3.386E+03	-3.592E+04	0.000E+00	-1.450E+07	1.363E+06	-1.251E-02	-1.332E-01
12	3	265.00	1	-2.082E+05	2.925E+03	3.592E+04	0.000E+00	9.738E+06	-7.885E+05	1.236E-02	1.527E-01
12	3	265.00	2	-2.082E+05	2.925E+03	3.593E+04	0.000E+00	9.739E+06	-7.885E+05	1.236E-02	1.527E-01
12	3	265.00	3	-2.082E+05	-3.386E+03	3.592E+04	0.000E+00	9.738E+06	9.142E+05	-1.433E-02	1.527E-01
12	3	265.00	4	-2.082E+05	-3.386E+03	3.593E+04	0.000E+00	9.739E+06	9.142E+05	-1.433E-02	1.527E-01
12	3	265.00	5	-2.082E+05	2.925E+03	3.305E+04	0.000E+00	8.956E+06	-7.885E+05	1.236E-02	1.404E-01
12	3	265.00	6	-2.082E+05	2.925E+03	3.305E+04	0.000E+00	8.957E+06	-7.885E+05	1.236E-02	1.404E-01
12	3	265.00	7	-2.082E+05	-3.386E+03	3.305E+04	0.000E+00	8.956E+06	9.142E+05	-1.433E-02	1.404E-01
12	3	265.00	8	-2.082E+05	-3.386E+03	3.305E+04	0.000E+00	8.957E+06	9.142E+05	-1.433E-02	1.404E-01
12	3	265.00	9	-2.082E+05	2.925E+03	-3.305E+04	0.000E+00	-8.957E+06	-7.885E+05	1.236E-02	-1.404E-01
12	3	265.00	10	-2.082E+05	2.925E+03	-3.305E+04	0.000E+00	-8.956E+06	-7.885E+05	1.236E-02	-1.404E-01
12	3	265.00	11	-2.082E+05	-3.386E+03	-3.305E+04	0.000E+00	-8.957E+06	9.142E+05	-1.433E-02	-1.404E-01
12	3	265.00	12	-2.082E+05	-3.386E+03	-3.305E+04	0.000E+00	-8.956E+06	9.142E+05	-1.433E-02	-1.404E-01
12	3	265.00	13	-2.082E+05	2.925E+03	-3.593E+04	0.000E+00	-9.739E+06	-7.885E+05	1.236E-02	-1.527E-01
12	3	265.00	14	-2.082E+05	2.925E+03	-3.592E+04	0.000E+00	-9.738E+06	-7.885E+05	1.236E-02	-1.527E-01

12	3	265.00	15	-2.082E+05	-3.386E+03	-3.593E+04	0.000E+00	-9.739E+06	9.142E+05	-1.433E-02	-1.527E-01
12	3	265.00	16	-2.082E+05	-3.386E+03	-3.592E+04	0.000E+00	-9.738E+06	9.142E+05	-1.433E-02	-1.527E-01
12	4	397.50	1	-2.044E+05	2.925E+03	3.592E+04	0.000E+00	4.978E+06	-4.009E+05	7.753E-03	9.586E-02
12	4	397.50	2	-2.044E+05	2.925E+03	3.593E+04	0.000E+00	4.979E+06	-4.009E+05	7.753E-03	9.587E-02
12	4	397.50	3	-2.044E+05	-3.386E+03	3.592E+04	0.000E+00	4.978E+06	4.656E+05	-8.992E-03	9.586E-02
12	4	397.50	4	-2.044E+05	-3.386E+03	3.593E+04	0.000E+00	4.979E+06	4.656E+05	-8.992E-03	9.587E-02
12	4	397.50	5	-2.044E+05	2.925E+03	3.305E+04	0.000E+00	4.578E+06	-4.009E+05	7.753E-03	8.816E-02
12	4	397.50	6	-2.044E+05	2.925E+03	3.305E+04	0.000E+00	4.578E+06	-4.009E+05	7.753E-03	8.817E-02
12	4	397.50	7	-2.044E+05	-3.386E+03	3.305E+04	0.000E+00	4.578E+06	4.656E+05	-8.992E-03	8.816E-02
12	4	397.50	8	-2.044E+05	-3.386E+03	3.305E+04	0.000E+00	4.578E+06	4.656E+05	-8.992E-03	8.817E-02
12	4	397.50	9	-2.044E+05	2.925E+03	-3.305E+04	0.000E+00	-4.578E+06	-4.009E+05	7.753E-03	-8.817E-02
12	4	397.50	10	-2.044E+05	2.925E+03	-3.305E+04	0.000E+00	-4.578E+06	-4.009E+05	7.753E-03	-8.816E-02
12	4	397.50	11	-2.044E+05	-3.386E+03	-3.305E+04	0.000E+00	-4.578E+06	4.656E+05	-8.992E-03	-8.817E-02
12	4	397.50	12	-2.044E+05	-3.386E+03	-3.305E+04	0.000E+00	-4.578E+06	4.656E+05	-8.992E-03	-8.816E-02
12	4	397.50	13	-2.044E+05	2.925E+03	-3.593E+04	0.000E+00	-4.979E+06	-4.009E+05	7.753E-03	-9.587E-02
12	4	397.50	14	-2.044E+05	2.925E+03	-3.592E+04	0.000E+00	-4.978E+06	-4.009E+05	7.753E-03	-9.586E-02
12	4	397.50	15	-2.044E+05	-3.386E+03	-3.593E+04	0.000E+00	-4.979E+06	4.656E+05	-8.992E-03	-9.587E-02
12	4	397.50	16	-2.044E+05	-3.386E+03	-3.592E+04	0.000E+00	-4.978E+06	4.656E+05	-8.992E-03	-9.586E-02
12	5	530.00	1	-2.007E+05	2.925E+03	3.592E+04	0.000E+00	2.202E+05	-1.324E+04	5.306E-10	-2.052E-08
12	5	530.00	2	-2.007E+05	2.925E+03	3.593E+04	0.000E+00	2.201E+05	-1.324E+04	5.306E-10	-2.052E-08
12	5	530.00	3	-2.007E+05	-3.386E+03	3.592E+04	0.000E+00	2.202E+05	1.701E+04	-3.382E-10	-2.052E-08
12	5	530.00	4	-2.007E+05	-3.386E+03	3.593E+04	0.000E+00	2.201E+05	1.701E+04	-3.382E-10	-2.052E-08
12	5	530.00	5	-2.007E+05	2.925E+03	3.305E+04	0.000E+00	2.009E+05	-1.324E+04	5.306E-10	-1.534E-08
12	5	530.00	6	-2.007E+05	2.925E+03	3.305E+04	0.000E+00	2.008E+05	-1.324E+04	5.306E-10	-1.534E-08
12	5	530.00	7	-2.007E+05	-3.386E+03	3.305E+04	0.000E+00	2.009E+05	1.701E+04	-3.382E-10	-1.534E-08
12	5	530.00	8	-2.007E+05	-3.386E+03	3.305E+04	0.000E+00	2.008E+05	1.701E+04	-3.382E-10	-1.534E-08
12	5	530.00	9	-2.007E+05	2.925E+03	-3.305E+04	0.000E+00	-2.008E+05	-1.324E+04	5.306E-10	1.534E-08
12	5	530.00	10	-2.007E+05	2.925E+03	-3.305E+04	0.000E+00	-2.009E+05	-1.324E+04	5.306E-10	1.534E-08
12	5	530.00	11	-2.007E+05	-3.386E+03	-3.305E+04	0.000E+00	-2.008E+05	1.701E+04	-3.382E-10	1.534E-08
12	5	530.00	12	-2.007E+05	-3.386E+03	-3.305E+04	0.000E+00	-2.009E+05	1.701E+04	-3.382E-10	1.534E-08
12	5	530.00	13	-2.007E+05	2.925E+03	-3.593E+04	0.000E+00	-2.201E+05	-1.324E+04	5.306E-10	2.052E-08
12	5	530.00	14	-2.007E+05	2.925E+03	-3.592E+04	0.000E+00	-2.202E+05	-1.324E+04	5.306E-10	2.052E-08
12	5	530.00	15	-2.007E+05	-3.386E+03	-3.593E+04	0.000E+00	-2.201E+05	1.701E+04	-3.382E-10	2.052E-08
12	5	530.00	16	-2.007E+05	-3.386E+03	-3.592E+04	0.000E+00	-2.202E+05	1.701E+04	-3.382E-10	2.052E-08
13	1	0.00	1	-2.145E+05	2.691E+03	3.328E+04	0.000E+00	1.653E+07	-1.336E+06	0.000E+00	0.000E+00
13	1	0.00	2	-2.145E+05	2.691E+03	3.328E+04	0.000E+00	1.654E+07	-1.336E+06	0.000E+00	0.000E+00
13	1	0.00	3	-2.145E+05	-3.407E+03	3.328E+04	0.000E+00	1.653E+07	1.692E+06	0.000E+00	0.000E+00
13	1	0.00	4	-2.145E+05	-3.407E+03	3.328E+04	0.000E+00	1.654E+07	1.692E+06	0.000E+00	0.000E+00
13	1	0.00	5	-2.145E+05	2.691E+03	2.958E+04	0.000E+00	1.470E+07	-1.336E+06	0.000E+00	0.000E+00
13	1	0.00	6	-2.145E+05	2.691E+03	2.959E+04	0.000E+00	1.470E+07	-1.336E+06	0.000E+00	0.000E+00
13	1	0.00	7	-2.145E+05	-3.407E+03	2.958E+04	0.000E+00	1.470E+07	1.692E+06	0.000E+00	0.000E+00
13	1	0.00	8	-2.145E+05	-3.407E+03	2.959E+04	0.000E+00	1.470E+07	1.692E+06	0.000E+00	0.000E+00
13	1	0.00	9	-2.145E+05	2.691E+03	-2.959E+04	0.000E+00	-1.470E+07	-1.336E+06	0.000E+00	0.000E+00
13	1	0.00	10	-2.145E+05	2.691E+03	-2.958E+04	0.000E+00	-1.470E+07	-1.336E+06	0.000E+00	0.000E+00
13	1	0.00	11	-2.145E+05	-3.407E+03	-2.959E+04	0.000E+00	-1.470E+07	1.692E+06	0.000E+00	0.000E+00
13	1	0.00	12	-2.145E+05	-3.407E+03	-2.958E+04	0.000E+00	-1.470E+07	1.692E+06	0.000E+00	0.000E+00
13	1	0.00	13	-2.145E+05	2.691E+03	-3.328E+04	0.000E+00	-1.654E+07	-1.336E+06	0.000E+00	0.000E+00
13	1	0.00	14	-2.145E+05	2.691E+03	-3.328E+04	0.000E+00	-1.653E+07	-1.336E+06	0.000E+00	0.000E+00
13	1	0.00	15	-2.145E+05	-3.407E+03	-3.328E+04	0.000E+00	-1.654E+07	1.692E+06	0.000E+00	0.000E+00
13	1	0.00	16	-2.145E+05	-3.407E+03	-3.328E+04	0.000E+00	-1.653E+07	1.692E+06	0.000E+00	0.000E+00
13	2	122.50	1	-2.111E+05	2.691E+03	3.328E+04	0.000E+00	1.246E+07	-1.007E+06	7.909E-03	9.789E-02
13	2	122.50	2	-2.111E+05	2.691E+03	3.328E+04	0.000E+00	1.246E+07	-1.007E+06	7.909E-03	9.791E-02
13	2	122.50	3	-2.111E+05	-3.407E+03	3.328E+04	0.000E+00	1.246E+07	1.275E+06	-1.002E-02	9.789E-02
13	2	122.50	4	-2.111E+05	-3.407E+03	3.328E+04	0.000E+00	1.246E+07	1.275E+06	-1.002E-02	9.791E-02
13	2	122.50	5	-2.111E+05	2.691E+03	2.958E+04	0.000E+00	1.107E+07	-1.007E+06	7.909E-03	8.702E-02
13	2	122.50	6	-2.111E+05	2.691E+03	2.959E+04	0.000E+00	1.107E+07	-1.007E+06	7.909E-03	8.703E-02
13	2	122.50	7	-2.111E+05	-3.407E+03	2.958E+04	0.000E+00	1.107E+07	1.275E+06	-1.002E-02	8.702E-02
13	2	122.50	8	-2.111E+05	-3.407E+03	2.959E+04	0.000E+00	1.107E+07	1.275E+06	-1.002E-02	8.703E-02
13	2	122.50	9	-2.111E+05	2.691E+03	-2.959E+04	0.000E+00	-1.107E+07	-1.007E+06	7.909E-03	-8.703E-02
13	2	122.50	10	-2.111E+05	2.691E+03	-2.958E+04	0.000E+00	-1.107E+07	-1.007E+06	7.909E-03	-8.702E-02
13	2	122.50	11	-2.111E+05	-3.407E+03	-2.959E+04	0.000E+00	-1.107E+07	1.275E+06	-1.002E-02	-8.703E-02
13	2	122.50	12	-2.111E+05	-3.407E+03	-2.958E+04	0.000E+00	-1.107E+07	1.275E+06	-1.002E-02	-8.702E-02

13	2	122.50	13	-2.111E+05	2.691E+03	-3.328E+04	0.000E+00	-1.246E+07	-1.007E+06	7.909E-03	-9.791E-02
13	2	122.50	14	-2.111E+05	2.691E+03	-3.328E+04	0.000E+00	-1.246E+07	-1.007E+06	7.909E-03	-9.789E-02
13	2	122.50	15	-2.111E+05	-3.407E+03	-3.328E+04	0.000E+00	-1.246E+07	1.275E+06	-1.002E-02	-9.791E-02
13	2	122.50	16	-2.111E+05	-3.407E+03	-3.328E+04	0.000E+00	-1.246E+07	1.275E+06	-1.002E-02	-9.789E-02
13	3	245.00	1	-2.076E+05	2.691E+03	3.328E+04	0.000E+00	8.380E+06	-6.769E+05	9.073E-03	1.123E-01
13	3	245.00	2	-2.076E+05	2.691E+03	3.328E+04	0.000E+00	8.381E+06	-6.769E+05	9.073E-03	1.123E-01
13	3	245.00	3	-2.076E+05	-3.407E+03	3.328E+04	0.000E+00	8.380E+06	8.572E+05	-1.149E-02	1.123E-01
13	3	245.00	4	-2.076E+05	-3.407E+03	3.328E+04	0.000E+00	8.381E+06	8.572E+05	-1.149E-02	1.123E-01
13	3	245.00	5	-2.076E+05	2.691E+03	2.958E+04	0.000E+00	7.449E+06	-6.769E+05	9.073E-03	9.983E-02
13	3	245.00	6	-2.076E+05	2.691E+03	2.959E+04	0.000E+00	7.450E+06	-6.769E+05	9.073E-03	9.985E-02
13	3	245.00	7	-2.076E+05	-3.407E+03	2.958E+04	0.000E+00	7.449E+06	8.572E+05	-1.149E-02	9.983E-02
13	3	245.00	8	-2.076E+05	-3.407E+03	2.959E+04	0.000E+00	7.450E+06	8.572E+05	-1.149E-02	9.985E-02
13	3	245.00	9	-2.076E+05	2.691E+03	-2.959E+04	0.000E+00	-7.450E+06	-6.769E+05	9.073E-03	-9.985E-02
13	3	245.00	10	-2.076E+05	2.691E+03	-2.958E+04	0.000E+00	-7.449E+06	-6.769E+05	9.073E-03	-9.983E-02
13	3	245.00	11	-2.076E+05	-3.407E+03	-2.959E+04	0.000E+00	-7.450E+06	8.572E+05	-1.149E-02	-9.985E-02
13	3	245.00	12	-2.076E+05	-3.407E+03	-2.958E+04	0.000E+00	-7.449E+06	8.572E+05	-1.149E-02	-9.983E-02
13	3	245.00	13	-2.076E+05	2.691E+03	-3.328E+04	0.000E+00	-8.381E+06	-6.769E+05	9.073E-03	-1.123E-01
13	3	245.00	14	-2.076E+05	2.691E+03	-3.328E+04	0.000E+00	-8.380E+06	-6.769E+05	9.073E-03	-1.123E-01
13	3	245.00	15	-2.076E+05	-3.407E+03	-3.328E+04	0.000E+00	-8.381E+06	8.572E+05	-1.149E-02	-1.123E-01
13	3	245.00	16	-2.076E+05	-3.407E+03	-3.328E+04	0.000E+00	-8.380E+06	8.572E+05	-1.149E-02	-1.123E-01
13	4	367.50	1	-2.041E+05	2.691E+03	3.328E+04	0.000E+00	4.304E+06	-3.473E+05	5.700E-03	7.058E-02
13	4	367.50	2	-2.041E+05	2.691E+03	3.328E+04	0.000E+00	4.304E+06	-3.473E+05	5.700E-03	7.059E-02
13	4	367.50	3	-2.041E+05	-3.407E+03	3.328E+04	0.000E+00	4.304E+06	4.398E+05	-7.218E-03	7.058E-02
13	4	367.50	4	-2.041E+05	-3.407E+03	3.328E+04	0.000E+00	4.304E+06	4.398E+05	-7.218E-03	7.059E-02
13	4	367.50	5	-2.041E+05	2.691E+03	2.958E+04	0.000E+00	3.825E+06	-3.473E+05	5.700E-03	6.273E-02
13	4	367.50	6	-2.041E+05	2.691E+03	2.959E+04	0.000E+00	3.826E+06	-3.473E+05	5.700E-03	6.274E-02
13	4	367.50	7	-2.041E+05	-3.407E+03	2.958E+04	0.000E+00	3.825E+06	4.398E+05	-7.218E-03	6.273E-02
13	4	367.50	8	-2.041E+05	-3.407E+03	2.959E+04	0.000E+00	3.826E+06	4.398E+05	-7.218E-03	6.274E-02
13	4	367.50	9	-2.041E+05	2.691E+03	-2.959E+04	0.000E+00	-3.826E+06	-3.473E+05	5.700E-03	-6.274E-02
13	4	367.50	10	-2.041E+05	2.691E+03	-2.958E+04	0.000E+00	-3.825E+06	-3.473E+05	5.700E-03	-6.273E-02
13	4	367.50	11	-2.041E+05	-3.407E+03	-2.959E+04	0.000E+00	-3.826E+06	4.398E+05	-7.218E-03	-6.274E-02
13	4	367.50	12	-2.041E+05	-3.407E+03	-2.958E+04	0.000E+00	-3.825E+06	4.398E+05	-7.218E-03	-6.273E-02
13	4	367.50	13	-2.041E+05	2.691E+03	-3.328E+04	0.000E+00	-4.304E+06	-3.473E+05	5.700E-03	-7.059E-02
13	4	367.50	14	-2.041E+05	2.691E+03	-3.328E+04	0.000E+00	-4.304E+06	-3.473E+05	5.700E-03	-7.058E-02
13	4	367.50	15	-2.041E+05	-3.407E+03	-3.328E+04	0.000E+00	-4.304E+06	4.398E+05	-7.218E-03	-7.059E-02
13	4	367.50	16	-2.041E+05	-3.407E+03	-3.328E+04	0.000E+00	-4.304E+06	4.398E+05	-7.218E-03	-7.058E-02
13	5	490.00	1	-2.007E+05	2.691E+03	3.328E+04	0.000E+00	2.303E+05	-1.766E+04	-8.892E-10	-6.367E-09
13	5	490.00	2	-2.007E+05	2.691E+03	3.328E+04	0.000E+00	2.302E+05	-1.766E+04	-8.892E-10	-6.375E-09
13	5	490.00	3	-2.007E+05	-3.407E+03	3.328E+04	0.000E+00	2.303E+05	2.244E+04	4.037E-10	-6.367E-09
13	5	490.00	4	-2.007E+05	-3.407E+03	3.328E+04	0.000E+00	2.302E+05	2.244E+04	4.037E-10	-6.375E-09
13	5	490.00	5	-2.007E+05	2.691E+03	2.958E+04	0.000E+00	2.039E+05	-1.766E+04	-8.892E-10	-7.599E-09
13	5	490.00	6	-2.007E+05	2.691E+03	2.959E+04	0.000E+00	2.038E+05	-1.766E+04	-8.892E-10	-7.606E-09
13	5	490.00	7	-2.007E+05	-3.407E+03	2.958E+04	0.000E+00	2.039E+05	2.244E+04	4.037E-10	-7.599E-09
13	5	490.00	8	-2.007E+05	-3.407E+03	2.959E+04	0.000E+00	2.038E+05	2.244E+04	4.037E-10	-7.606E-09
13	5	490.00	9	-2.007E+05	2.691E+03	-2.959E+04	0.000E+00	-2.038E+05	-1.766E+04	-8.892E-10	7.606E-09
13	5	490.00	10	-2.007E+05	2.691E+03	-2.958E+04	0.000E+00	-2.039E+05	-1.766E+04	-8.892E-10	7.599E-09
13	5	490.00	11	-2.007E+05	-3.407E+03	-2.959E+04	0.000E+00	-2.038E+05	2.244E+04	4.037E-10	7.606E-09
13	5	490.00	12	-2.007E+05	-3.407E+03	-2.958E+04	0.000E+00	-2.039E+05	2.244E+04	4.037E-10	7.599E-09
13	5	490.00	13	-2.007E+05	2.691E+03	-3.328E+04	0.000E+00	-2.302E+05	-1.766E+04	-8.892E-10	6.375E-09
13	5	490.00	14	-2.007E+05	2.691E+03	-3.328E+04	0.000E+00	-2.303E+05	-1.766E+04	-8.892E-10	6.367E-09
13	5	490.00	15	-2.007E+05	-3.407E+03	-3.328E+04	0.000E+00	-2.302E+05	2.244E+04	4.037E-10	6.375E-09
13	5	490.00	16	-2.007E+05	-3.407E+03	-3.328E+04	0.000E+00	-2.303E+05	2.244E+04	4.037E-10	6.367E-09
14	1	0.00	1	-2.137E+05	2.029E+03	2.909E+04	0.000E+00	1.357E+07	-9.431E+05	0.000E+00	0.000E+00
14	1	0.00	2	-2.137E+05	2.029E+03	2.910E+04	0.000E+00	1.357E+07	-9.431E+05	0.000E+00	0.000E+00
14	1	0.00	3	-2.137E+05	-3.062E+03	2.909E+04	0.000E+00	1.357E+07	1.427E+06	0.000E+00	0.000E+00
14	1	0.00	4	-2.137E+05	-3.062E+03	2.910E+04	0.000E+00	1.357E+07	1.427E+06	0.000E+00	0.000E+00
14	1	0.00	5	-2.137E+05	2.029E+03	2.472E+04	0.000E+00	1.153E+07	-9.431E+05	0.000E+00	0.000E+00
14	1	0.00	6	-2.137E+05	2.029E+03	2.473E+04	0.000E+00	1.153E+07	-9.431E+05	0.000E+00	0.000E+00
14	1	0.00	7	-2.137E+05	-3.062E+03	2.472E+04	0.000E+00	1.153E+07	1.427E+06	0.000E+00	0.000E+00
14	1	0.00	8	-2.137E+05	-3.062E+03	2.473E+04	0.000E+00	1.153E+07	1.427E+06	0.000E+00	0.000E+00
14	1	0.00	9	-2.137E+05	2.029E+03	-2.473E+04	0.000E+00	-1.153E+07	-9.431E+05	0.000E+00	0.000E+00
14	1	0.00	10	-2.137E+05	2.029E+03	-2.472E+04	0.000E+00	-1.153E+07	-9.431E+05	0.000E+00	0.000E+00

14	1	0.00	11	-2.137E+05	-3.062E+03	-2.473E+04	0.000E+00	-1.153E+07	1.427E+06	0.000E+00	0.000E+00
14	1	0.00	12	-2.137E+05	-3.062E+03	-2.472E+04	0.000E+00	-1.153E+07	1.427E+06	0.000E+00	0.000E+00
14	1	0.00	13	-2.137E+05	2.029E+03	-2.910E+04	0.000E+00	-1.357E+07	-9.431E+05	0.000E+00	0.000E+00
14	1	0.00	14	-2.137E+05	2.029E+03	-2.909E+04	0.000E+00	-1.357E+07	-9.431E+05	0.000E+00	0.000E+00
14	1	0.00	15	-2.137E+05	-3.062E+03	-2.910E+04	0.000E+00	-1.357E+07	1.427E+06	0.000E+00	0.000E+00
14	1	0.00	16	-2.137E+05	-3.062E+03	-2.909E+04	0.000E+00	-1.357E+07	1.427E+06	0.000E+00	0.000E+00
14	2	115.00	1	-2.104E+05	2.029E+03	2.909E+04	0.000E+00	1.022E+07	-7.097E+05	4.909E-03	7.079E-02
14	2	115.00	2	-2.104E+05	2.029E+03	2.910E+04	0.000E+00	1.022E+07	-7.097E+05	4.909E-03	7.081E-02
14	2	115.00	3	-2.104E+05	-3.062E+03	2.909E+04	0.000E+00	1.022E+07	1.074E+06	-7.439E-03	7.079E-02
14	2	115.00	4	-2.104E+05	-3.062E+03	2.910E+04	0.000E+00	1.022E+07	1.074E+06	-7.439E-03	7.081E-02
14	2	115.00	5	-2.104E+05	2.029E+03	2.472E+04	0.000E+00	8.686E+06	-7.097E+05	4.909E-03	6.015E-02
14	2	115.00	6	-2.104E+05	2.029E+03	2.473E+04	0.000E+00	8.689E+06	-7.097E+05	4.909E-03	6.018E-02
14	2	115.00	7	-2.104E+05	-3.062E+03	2.472E+04	0.000E+00	8.686E+06	1.074E+06	-7.439E-03	6.015E-02
14	2	115.00	8	-2.104E+05	-3.062E+03	2.473E+04	0.000E+00	8.689E+06	1.074E+06	-7.439E-03	6.018E-02
14	2	115.00	9	-2.104E+05	2.029E+03	-2.473E+04	0.000E+00	-8.689E+06	-7.097E+05	4.909E-03	-6.018E-02
14	2	115.00	10	-2.104E+05	2.029E+03	-2.472E+04	0.000E+00	-8.686E+06	-7.097E+05	4.909E-03	-6.015E-02
14	2	115.00	11	-2.104E+05	-3.062E+03	-2.473E+04	0.000E+00	-8.689E+06	1.074E+06	-7.439E-03	-6.018E-02
14	2	115.00	12	-2.104E+05	-3.062E+03	-2.472E+04	0.000E+00	-8.686E+06	1.074E+06	-7.439E-03	-6.015E-02
14	2	115.00	13	-2.104E+05	2.029E+03	-2.910E+04	0.000E+00	-1.022E+07	-7.097E+05	4.909E-03	-7.081E-02
14	2	115.00	14	-2.104E+05	2.029E+03	-2.909E+04	0.000E+00	-1.022E+07	-7.097E+05	4.909E-03	-7.079E-02
14	2	115.00	15	-2.104E+05	-3.062E+03	-2.910E+04	0.000E+00	-1.022E+07	1.074E+06	-7.439E-03	-7.081E-02
14	2	115.00	16	-2.104E+05	-3.062E+03	-2.909E+04	0.000E+00	-1.022E+07	1.074E+06	-7.439E-03	-7.079E-02
14	3	230.00	1	-2.072E+05	2.029E+03	2.909E+04	0.000E+00	6.876E+06	-4.764E+05	5.627E-03	8.121E-02
14	3	230.00	2	-2.072E+05	2.029E+03	2.910E+04	0.000E+00	6.878E+06	-4.764E+05	5.627E-03	8.124E-02
14	3	230.00	3	-2.072E+05	-3.062E+03	2.909E+04	0.000E+00	6.876E+06	7.223E+05	-8.532E-03	8.121E-02
14	3	230.00	4	-2.072E+05	-3.062E+03	2.910E+04	0.000E+00	6.878E+06	7.223E+05	-8.532E-03	8.124E-02
14	3	230.00	5	-2.072E+05	2.029E+03	2.472E+04	0.000E+00	5.842E+06	-4.764E+05	5.627E-03	6.901E-02
14	3	230.00	6	-2.072E+05	2.029E+03	2.473E+04	0.000E+00	5.845E+06	-4.764E+05	5.627E-03	6.904E-02
14	3	230.00	7	-2.072E+05	-3.062E+03	2.472E+04	0.000E+00	5.842E+06	7.223E+05	-8.532E-03	6.901E-02
14	3	230.00	8	-2.072E+05	-3.062E+03	2.473E+04	0.000E+00	5.845E+06	7.223E+05	-8.532E-03	6.904E-02
14	3	230.00	9	-2.072E+05	2.029E+03	-2.473E+04	0.000E+00	-5.845E+06	-4.764E+05	5.627E-03	-6.904E-02
14	3	230.00	10	-2.072E+05	2.029E+03	-2.472E+04	0.000E+00	-5.842E+06	-4.764E+05	5.627E-03	-6.901E-02
14	3	230.00	11	-2.072E+05	-3.062E+03	-2.473E+04	0.000E+00	-5.845E+06	7.223E+05	-8.532E-03	-6.904E-02
14	3	230.00	12	-2.072E+05	-3.062E+03	-2.472E+04	0.000E+00	-5.842E+06	7.223E+05	-8.532E-03	-6.901E-02
14	3	230.00	13	-2.072E+05	2.029E+03	-2.910E+04	0.000E+00	-6.878E+06	-4.764E+05	5.627E-03	-8.124E-02
14	3	230.00	14	-2.072E+05	2.029E+03	-2.909E+04	0.000E+00	-6.876E+06	-4.764E+05	5.627E-03	-8.121E-02
14	3	230.00	15	-2.072E+05	-3.062E+03	-2.910E+04	0.000E+00	-6.878E+06	7.223E+05	-8.532E-03	-8.124E-02
14	3	230.00	16	-2.072E+05	-3.062E+03	-2.909E+04	0.000E+00	-6.876E+06	7.223E+05	-8.532E-03	-8.121E-02
14	4	345.00	1	-2.039E+05	2.029E+03	2.909E+04	0.000E+00	3.531E+06	-2.430E+05	3.531E-03	5.103E-02
14	4	345.00	2	-2.039E+05	2.029E+03	2.910E+04	0.000E+00	3.532E+06	-2.430E+05	3.531E-03	5.105E-02
14	4	345.00	3	-2.039E+05	-3.062E+03	2.909E+04	0.000E+00	3.531E+06	3.702E+05	-5.359E-03	5.103E-02
14	4	345.00	4	-2.039E+05	-3.062E+03	2.910E+04	0.000E+00	3.532E+06	3.702E+05	-5.359E-03	5.105E-02
14	4	345.00	5	-2.039E+05	2.029E+03	2.472E+04	0.000E+00	2.999E+06	-2.430E+05	3.531E-03	4.336E-02
14	4	345.00	6	-2.039E+05	2.029E+03	2.473E+04	0.000E+00	3.000E+06	-2.430E+05	3.531E-03	4.338E-02
14	4	345.00	7	-2.039E+05	-3.062E+03	2.472E+04	0.000E+00	2.999E+06	3.702E+05	-5.359E-03	4.336E-02
14	4	345.00	8	-2.039E+05	-3.062E+03	2.473E+04	0.000E+00	3.000E+06	3.702E+05	-5.359E-03	4.338E-02
14	4	345.00	9	-2.039E+05	2.029E+03	-2.473E+04	0.000E+00	-3.000E+06	-2.430E+05	3.531E-03	-4.338E-02
14	4	345.00	10	-2.039E+05	2.029E+03	-2.472E+04	0.000E+00	-2.999E+06	-2.430E+05	3.531E-03	-4.336E-02
14	4	345.00	11	-2.039E+05	-3.062E+03	-2.473E+04	0.000E+00	-3.000E+06	3.702E+05	-5.359E-03	-4.338E-02
14	4	345.00	12	-2.039E+05	-3.062E+03	-2.472E+04	0.000E+00	-2.999E+06	3.702E+05	-5.359E-03	-4.336E-02
14	4	345.00	13	-2.039E+05	2.029E+03	-2.910E+04	0.000E+00	-3.532E+06	-2.430E+05	3.531E-03	-5.105E-02
14	4	345.00	14	-2.039E+05	2.029E+03	-2.909E+04	0.000E+00	-3.531E+06	-2.430E+05	3.531E-03	-5.103E-02
14	4	345.00	15	-2.039E+05	-3.062E+03	-2.910E+04	0.000E+00	-3.532E+06	3.702E+05	-5.359E-03	-5.105E-02
14	4	345.00	16	-2.039E+05	-3.062E+03	-2.909E+04	0.000E+00	-3.531E+06	3.702E+05	-5.359E-03	-5.103E-02
14	5	460.00	1	-2.007E+05	2.029E+03	2.909E+04	0.000E+00	1.887E+05	-9.667E+03	2.528E-12	-1.848E-08
14	5	460.00	2	-2.007E+05	2.029E+03	2.910E+04	0.000E+00	1.887E+05	-9.667E+03	2.528E-12	-1.848E-08
14	5	460.00	3	-2.007E+05	-3.062E+03	2.909E+04	0.000E+00	1.887E+05	1.807E+04	-1.791E-10	-1.848E-08
14	5	460.00	4	-2.007E+05	-3.062E+03	2.910E+04	0.000E+00	1.887E+05	1.807E+04	-1.791E-10	-1.848E-08
14	5	460.00	5	-2.007E+05	2.029E+03	2.472E+04	0.000E+00	1.589E+05	-9.667E+03	2.528E-12	-1.564E-08
14	5	460.00	6	-2.007E+05	2.029E+03	2.473E+04	0.000E+00	1.588E+05	-9.667E+03	2.528E-12	-1.564E-08
14	5	460.00	7	-2.007E+05	-3.062E+03	2.472E+04	0.000E+00	1.589E+05	1.807E+04	-1.791E-10	-1.564E-08
14	5	460.00	8	-2.007E+05	-3.062E+03	2.473E+04	0.000E+00	1.588E+05	1.807E+04	-1.791E-10	-1.564E-08

14	5	460.00	9	-2.007E+05	2.029E+03	-2.473E+04	0.000E+00	-1.588E+05	-9.667E+03	2.528E-12	1.564E-08
14	5	460.00	10	-2.007E+05	2.029E+03	-2.472E+04	0.000E+00	-1.589E+05	-9.667E+03	2.528E-12	1.564E-08
14	5	460.00	11	-2.007E+05	-3.062E+03	-2.473E+04	0.000E+00	-1.588E+05	1.807E+04	-1.791E-10	1.564E-08
14	5	460.00	12	-2.007E+05	-3.062E+03	-2.472E+04	0.000E+00	-1.589E+05	1.807E+04	-1.791E-10	1.564E-08
14	5	460.00	13	-2.007E+05	2.029E+03	-2.910E+04	0.000E+00	-1.887E+05	-9.667E+03	2.528E-12	1.848E-08
14	5	460.00	14	-2.007E+05	2.029E+03	-2.909E+04	0.000E+00	-1.887E+05	-9.667E+03	2.528E-12	1.848E-08
14	5	460.00	15	-2.007E+05	-3.062E+03	-2.910E+04	0.000E+00	-1.887E+05	1.807E+04	-1.791E-10	1.848E-08
14	5	460.00	16	-2.007E+05	-3.062E+03	-2.909E+04	0.000E+00	-1.887E+05	1.807E+04	-1.791E-10	1.848E-08
15	1	0.00	1	-2.108E+05	1.433E+03	2.429E+04	0.000E+00	8.912E+06	-5.284E+05	0.000E+00	0.000E+00
15	1	0.00	2	-2.108E+05	1.433E+03	2.431E+04	0.000E+00	8.919E+06	-5.284E+05	0.000E+00	0.000E+00
15	1	0.00	3	-2.108E+05	-3.694E+03	2.429E+04	0.000E+00	8.912E+06	1.359E+06	0.000E+00	0.000E+00
15	1	0.00	4	-2.108E+05	-3.694E+03	2.431E+04	0.000E+00	8.919E+06	1.359E+06	0.000E+00	0.000E+00
15	1	0.00	5	-2.108E+05	1.433E+03	1.921E+04	0.000E+00	7.049E+06	-5.284E+05	0.000E+00	0.000E+00
15	1	0.00	6	-2.108E+05	1.433E+03	1.923E+04	0.000E+00	7.056E+06	-5.284E+05	0.000E+00	0.000E+00
15	1	0.00	7	-2.108E+05	-3.694E+03	1.921E+04	0.000E+00	7.049E+06	1.359E+06	0.000E+00	0.000E+00
15	1	0.00	8	-2.108E+05	-3.694E+03	1.923E+04	0.000E+00	7.056E+06	1.359E+06	0.000E+00	0.000E+00
15	1	0.00	9	-2.108E+05	1.433E+03	-1.923E+04	0.000E+00	-7.056E+06	-5.284E+05	0.000E+00	0.000E+00
15	1	0.00	10	-2.108E+05	1.433E+03	-1.921E+04	0.000E+00	-7.049E+06	-5.284E+05	0.000E+00	0.000E+00
15	1	0.00	11	-2.108E+05	-3.694E+03	-1.923E+04	0.000E+00	-7.056E+06	1.359E+06	0.000E+00	0.000E+00
15	1	0.00	12	-2.108E+05	-3.694E+03	-1.921E+04	0.000E+00	-7.049E+06	1.359E+06	0.000E+00	0.000E+00
15	1	0.00	13	-2.108E+05	1.433E+03	-2.431E+04	0.000E+00	-8.919E+06	-5.284E+05	0.000E+00	0.000E+00
15	1	0.00	14	-2.108E+05	1.433E+03	-2.429E+04	0.000E+00	-8.912E+06	-5.284E+05	0.000E+00	0.000E+00
15	1	0.00	15	-2.108E+05	-3.694E+03	-2.431E+04	0.000E+00	-8.919E+06	1.359E+06	0.000E+00	0.000E+00
15	1	0.00	16	-2.108E+05	-3.694E+03	-2.429E+04	0.000E+00	-8.912E+06	1.359E+06	0.000E+00	0.000E+00
15	2	90.00	1	-2.083E+05	1.433E+03	2.429E+04	0.000E+00	6.726E+06	-3.994E+05	1.700E-03	2.859E-02
15	2	90.00	2	-2.083E+05	1.433E+03	2.431E+04	0.000E+00	6.731E+06	-3.994E+05	1.700E-03	2.861E-02
15	2	90.00	3	-2.083E+05	-3.694E+03	2.429E+04	0.000E+00	6.726E+06	1.027E+06	-4.369E-03	2.859E-02
15	2	90.00	4	-2.083E+05	-3.694E+03	2.431E+04	0.000E+00	6.731E+06	1.027E+06	-4.369E-03	2.861E-02
15	2	90.00	5	-2.083E+05	1.433E+03	1.921E+04	0.000E+00	5.320E+06	-3.994E+05	1.700E-03	2.261E-02
15	2	90.00	6	-2.083E+05	1.433E+03	1.923E+04	0.000E+00	5.326E+06	-3.994E+05	1.700E-03	2.263E-02
15	2	90.00	7	-2.083E+05	-3.694E+03	1.921E+04	0.000E+00	5.320E+06	1.027E+06	-4.369E-03	2.261E-02
15	2	90.00	8	-2.083E+05	-3.694E+03	1.923E+04	0.000E+00	5.326E+06	1.027E+06	-4.369E-03	2.263E-02
15	2	90.00	9	-2.083E+05	1.433E+03	-1.923E+04	0.000E+00	-5.326E+06	-3.994E+05	1.700E-03	-2.263E-02
15	2	90.00	10	-2.083E+05	1.433E+03	-1.921E+04	0.000E+00	-5.320E+06	-3.994E+05	1.700E-03	-2.261E-02
15	2	90.00	11	-2.083E+05	-3.694E+03	-1.923E+04	0.000E+00	-5.326E+06	1.027E+06	-4.369E-03	-2.263E-02
15	2	90.00	12	-2.083E+05	-3.694E+03	-1.921E+04	0.000E+00	-5.320E+06	1.027E+06	-4.369E-03	-2.261E-02
15	2	90.00	13	-2.083E+05	1.433E+03	-2.431E+04	0.000E+00	-6.731E+06	-3.994E+05	1.700E-03	-2.861E-02
15	2	90.00	14	-2.083E+05	1.433E+03	-2.429E+04	0.000E+00	-6.726E+06	-3.994E+05	1.700E-03	-2.859E-02
15	2	90.00	15	-2.083E+05	-3.694E+03	-2.431E+04	0.000E+00	-6.731E+06	1.027E+06	-4.369E-03	-2.861E-02
15	2	90.00	16	-2.083E+05	-3.694E+03	-2.429E+04	0.000E+00	-6.726E+06	1.027E+06	-4.369E-03	-2.859E-02
15	3	180.00	1	-2.058E+05	1.433E+03	2.429E+04	0.000E+00	4.540E+06	-2.704E+05	1.956E-03	3.284E-02
15	3	180.00	2	-2.058E+05	1.433E+03	2.431E+04	0.000E+00	4.543E+06	-2.704E+05	1.956E-03	3.287E-02
15	3	180.00	3	-2.058E+05	-3.694E+03	2.429E+04	0.000E+00	4.540E+06	6.944E+05	-5.024E-03	3.284E-02
15	3	180.00	4	-2.058E+05	-3.694E+03	2.431E+04	0.000E+00	4.543E+06	6.944E+05	-5.024E-03	3.287E-02
15	3	180.00	5	-2.058E+05	1.433E+03	1.921E+04	0.000E+00	3.591E+06	-2.704E+05	1.956E-03	2.598E-02
15	3	180.00	6	-2.058E+05	1.433E+03	1.923E+04	0.000E+00	3.595E+06	-2.704E+05	1.956E-03	2.601E-02
15	3	180.00	7	-2.058E+05	-3.694E+03	1.921E+04	0.000E+00	3.591E+06	6.944E+05	-5.024E-03	2.598E-02
15	3	180.00	8	-2.058E+05	-3.694E+03	1.923E+04	0.000E+00	3.595E+06	6.944E+05	-5.024E-03	2.601E-02
15	3	180.00	9	-2.058E+05	1.433E+03	-1.923E+04	0.000E+00	-3.595E+06	-2.704E+05	1.956E-03	-2.601E-02
15	3	180.00	10	-2.058E+05	1.433E+03	-1.921E+04	0.000E+00	-3.591E+06	-2.704E+05	1.956E-03	-2.598E-02
15	3	180.00	11	-2.058E+05	-3.694E+03	-1.923E+04	0.000E+00	-3.595E+06	6.944E+05	-5.024E-03	-2.601E-02
15	3	180.00	12	-2.058E+05	-3.694E+03	-1.921E+04	0.000E+00	-3.591E+06	6.944E+05	-5.024E-03	-2.598E-02
15	3	180.00	13	-2.058E+05	1.433E+03	-2.431E+04	0.000E+00	-4.543E+06	-2.704E+05	1.956E-03	-3.287E-02
15	3	180.00	14	-2.058E+05	1.433E+03	-2.429E+04	0.000E+00	-4.540E+06	-2.704E+05	1.956E-03	-3.284E-02
15	3	180.00	15	-2.058E+05	-3.694E+03	-2.431E+04	0.000E+00	-4.543E+06	6.944E+05	-5.024E-03	-3.287E-02
15	3	180.00	16	-2.058E+05	-3.694E+03	-2.429E+04	0.000E+00	-4.540E+06	6.944E+05	-5.024E-03	-3.284E-02
15	4	270.00	1	-2.032E+05	1.433E+03	2.429E+04	0.000E+00	2.354E+06	-1.414E+05	1.234E-03	2.068E-02
15	4	270.00	2	-2.032E+05	1.433E+03	2.431E+04	0.000E+00	2.356E+06	-1.414E+05	1.234E-03	2.069E-02
15	4	270.00	3	-2.032E+05	-3.694E+03	2.429E+04	0.000E+00	2.354E+06	3.619E+05	-3.166E-03	2.068E-02
15	4	270.00	4	-2.032E+05	-3.694E+03	2.431E+04	0.000E+00	2.356E+06	3.619E+05	-3.166E-03	2.069E-02
15	4	270.00	5	-2.032E+05	1.433E+03	1.921E+04	0.000E+00	1.863E+06	-1.414E+05	1.234E-03	1.636E-02
15	4	270.00	6	-2.032E+05	1.433E+03	1.923E+04	0.000E+00	1.864E+06	-1.414E+05	1.234E-03	1.637E-02

15	4	270.00	7	-2.032E+05	-3.694E+03	1.921E+04	0.000E+00	1.863E+06	3.619E+05	-3.166E-03	1.636E-02
15	4	270.00	8	-2.032E+05	-3.694E+03	1.923E+04	0.000E+00	1.864E+06	3.619E+05	-3.166E-03	1.637E-02
15	4	270.00	9	-2.032E+05	1.433E+03	-1.923E+04	0.000E+00	-1.864E+06	-1.414E+05	1.234E-03	-1.637E-02
15	4	270.00	10	-2.032E+05	1.433E+03	-1.921E+04	0.000E+00	-1.863E+06	-1.414E+05	1.234E-03	-1.636E-02
15	4	270.00	11	-2.032E+05	-3.694E+03	-1.923E+04	0.000E+00	-1.864E+06	3.619E+05	-3.166E-03	-1.637E-02
15	4	270.00	12	-2.032E+05	-3.694E+03	-1.921E+04	0.000E+00	-1.863E+06	3.619E+05	-3.166E-03	-1.636E-02
15	4	270.00	13	-2.032E+05	1.433E+03	-2.431E+04	0.000E+00	-2.356E+06	-1.414E+05	1.234E-03	-2.069E-02
15	4	270.00	14	-2.032E+05	1.433E+03	-2.429E+04	0.000E+00	-2.354E+06	-1.414E+05	1.234E-03	-2.068E-02
15	4	270.00	15	-2.032E+05	-3.694E+03	-2.431E+04	0.000E+00	-2.356E+06	3.619E+05	-3.166E-03	-2.069E-02
15	4	270.00	16	-2.032E+05	-3.694E+03	-2.429E+04	0.000E+00	-2.354E+06	3.619E+05	-3.166E-03	-2.068E-02
15	5	360.00	1	-2.007E+05	1.433E+03	2.429E+04	0.000E+00	1.697E+05	-1.240E+04	-2.618E-10	-1.927E-09
15	5	360.00	2	-2.007E+05	1.433E+03	2.431E+04	0.000E+00	1.697E+05	-1.240E+04	-2.618E-10	-1.924E-09
15	5	360.00	3	-2.007E+05	-3.694E+03	2.429E+04	0.000E+00	1.697E+05	2.946E+04	1.146E-10	-1.927E-09
15	5	360.00	4	-2.007E+05	-3.694E+03	2.431E+04	0.000E+00	1.697E+05	2.946E+04	1.146E-10	-1.924E-09
15	5	360.00	5	-2.007E+05	1.433E+03	1.921E+04	0.000E+00	1.356E+05	-1.240E+04	-2.618E-10	-1.562E-09
15	5	360.00	6	-2.007E+05	1.433E+03	1.923E+04	0.000E+00	1.356E+05	-1.240E+04	-2.618E-10	-1.559E-09
15	5	360.00	7	-2.007E+05	-3.694E+03	1.921E+04	0.000E+00	1.356E+05	2.946E+04	1.146E-10	-1.562E-09
15	5	360.00	8	-2.007E+05	-3.694E+03	1.923E+04	0.000E+00	1.356E+05	2.946E+04	1.146E-10	-1.559E-09
15	5	360.00	9	-2.007E+05	1.433E+03	-1.923E+04	0.000E+00	-1.356E+05	-1.240E+04	-2.618E-10	1.559E-09
15	5	360.00	10	-2.007E+05	1.433E+03	-1.921E+04	0.000E+00	-1.356E+05	-1.240E+04	-2.618E-10	1.562E-09
15	5	360.00	11	-2.007E+05	-3.694E+03	-1.923E+04	0.000E+00	-1.356E+05	2.946E+04	1.146E-10	1.559E-09
15	5	360.00	12	-2.007E+05	-3.694E+03	-1.921E+04	0.000E+00	-1.356E+05	2.946E+04	1.146E-10	1.562E-09
15	5	360.00	13	-2.007E+05	1.433E+03	-2.431E+04	0.000E+00	-1.697E+05	-1.240E+04	-2.618E-10	1.924E-09
15	5	360.00	14	-2.007E+05	1.433E+03	-2.429E+04	0.000E+00	-1.697E+05	-1.240E+04	-2.618E-10	1.927E-09
15	5	360.00	15	-2.007E+05	-3.694E+03	-2.431E+04	0.000E+00	-1.697E+05	2.946E+04	1.146E-10	1.924E-09
15	5	360.00	16	-2.007E+05	-3.694E+03	-2.429E+04	0.000E+00	-1.697E+05	2.946E+04	1.146E-10	1.927E-09
197	1	0.00	1	-3.609E+01	-5.231E-02	-5.200E+01	-3.451E-11	-2.221E-08	4.674E-08	0.000E+00	0.000E+00
197	1	0.00	2	-3.930E+01	-5.695E-02	-5.200E+01	-3.456E-11	-2.219E-08	4.675E-08	0.000E+00	0.000E+00
197	1	0.00	3	3.930E+01	5.695E-02	-5.200E+01	-3.449E-11	-2.220E-08	5.072E-08	0.000E+00	0.000E+00
197	1	0.00	4	3.609E+01	5.231E-02	-5.200E+01	-3.455E-11	-2.218E-08	5.072E-08	0.000E+00	0.000E+00
197	1	0.00	5	-3.609E+01	-5.231E-02	-5.630E+01	-3.651E-11	-2.284E-08	4.643E-08	0.000E+00	0.000E+00
197	1	0.00	6	-3.930E+01	-5.695E-02	-5.630E+01	-3.657E-11	-2.281E-08	4.643E-08	0.000E+00	0.000E+00
197	1	0.00	7	3.930E+01	5.695E-02	-5.630E+01	-3.650E-11	-2.282E-08	5.041E-08	0.000E+00	0.000E+00
197	1	0.00	8	3.609E+01	5.231E-02	-5.630E+01	-3.656E-11	-2.280E-08	5.041E-08	0.000E+00	0.000E+00
197	1	0.00	9	-3.609E+01	-5.231E-02	5.630E+01	3.685E-11	2.267E-08	6.404E-08	0.000E+00	0.000E+00
197	1	0.00	10	-3.930E+01	-5.695E-02	5.630E+01	3.679E-11	2.269E-08	6.404E-08	0.000E+00	0.000E+00
197	1	0.00	11	3.930E+01	5.695E-02	5.630E+01	3.687E-11	2.268E-08	6.802E-08	0.000E+00	0.000E+00
197	1	0.00	12	3.609E+01	5.231E-02	5.630E+01	3.681E-11	2.271E-08	6.802E-08	0.000E+00	0.000E+00
197	1	0.00	13	-3.609E+01	-5.231E-02	5.200E+01	3.484E-11	2.205E-08	6.373E-08	0.000E+00	0.000E+00
197	1	0.00	14	-3.930E+01	-5.695E-02	5.200E+01	3.479E-11	2.207E-08	6.373E-08	0.000E+00	0.000E+00
197	1	0.00	15	3.930E+01	5.695E-02	5.200E+01	3.486E-11	2.206E-08	6.771E-08	0.000E+00	0.000E+00
197	1	0.00	16	3.609E+01	5.231E-02	5.200E+01	3.480E-11	2.209E-08	6.771E-08	0.000E+00	0.000E+00
197	2	17.25	1	-3.567E+01	-2.921E+02	-5.200E+01	-3.451E-11	8.970E+02	-2.519E+03	-9.561E-06	1.803E-07
197	2	17.25	2	-3.888E+01	-2.921E+02	-5.200E+01	-3.456E-11	8.970E+02	-2.519E+03	-9.561E-06	1.803E-07
197	2	17.25	3	3.972E+01	-2.919E+02	-5.200E+01	-3.449E-11	8.970E+02	-2.518E+03	-9.561E-06	1.803E-07
197	2	17.25	4	3.651E+01	-2.919E+02	-5.200E+01	-3.455E-11	8.970E+02	-2.518E+03	-9.561E-06	1.803E-07
197	2	17.25	5	-3.567E+01	-2.921E+02	-5.630E+01	-3.651E-11	9.711E+02	-2.519E+03	-9.561E-06	1.951E-07
197	2	17.25	6	-3.888E+01	-2.921E+02	-5.630E+01	-3.657E-11	9.711E+02	-2.519E+03	-9.561E-06	1.951E-07
197	2	17.25	7	3.972E+01	-2.919E+02	-5.630E+01	-3.650E-11	9.711E+02	-2.518E+03	-9.561E-06	1.951E-07
197	2	17.25	8	3.651E+01	-2.919E+02	-5.630E+01	-3.656E-11	9.711E+02	-2.518E+03	-9.561E-06	1.951E-07
197	2	17.25	9	-3.567E+01	-2.921E+02	5.630E+01	3.685E-11	-9.711E+02	-2.519E+03	-9.561E-06	-1.951E-07
197	2	17.25	10	-3.888E+01	-2.921E+02	5.630E+01	3.679E-11	-9.711E+02	-2.519E+03	-9.561E-06	-1.951E-07
197	2	17.25	11	3.972E+01	-2.919E+02	5.630E+01	3.687E-11	-9.711E+02	-2.518E+03	-9.561E-06	-1.951E-07
197	2	17.25	12	3.651E+01	-2.919E+02	5.630E+01	3.681E-11	-9.711E+02	-2.518E+03	-9.561E-06	-1.951E-07
197	2	17.25	13	-3.567E+01	-2.921E+02	5.200E+01	3.484E-11	-8.970E+02	-2.519E+03	-9.561E-06	-1.803E-07
197	2	17.25	14	-3.888E+01	-2.921E+02	5.200E+01	3.479E-11	-8.970E+02	-2.519E+03	-9.561E-06	-1.803E-07
197	2	17.25	15	3.972E+01	-2.919E+02	5.200E+01	3.486E-11	-8.970E+02	-2.518E+03	-9.561E-06	-1.803E-07
197	2	17.25	16	3.651E+01	-2.919E+02	5.200E+01	3.480E-11	-8.970E+02	-2.518E+03	-9.561E-06	-1.803E-07
197	3	34.50	1	-3.525E+01	-5.841E+02	-5.200E+01	-3.451E-11	1.794E+03	-1.008E+04	-1.254E-05	2.884E-07
197	3	34.50	2	-3.845E+01	-5.841E+02	-5.200E+01	-3.456E-11	1.794E+03	-1.008E+04	-1.254E-05	2.884E-07
197	3	34.50	3	4.014E+01	-5.839E+02	-5.200E+01	-3.449E-11	1.794E+03	-1.007E+04	-1.254E-05	2.884E-07
197	3	34.50	4	3.694E+01	-5.839E+02	-5.200E+01	-3.455E-11	1.794E+03	-1.007E+04	-1.254E-05	2.884E-07

197	3	34.50	5	-3.525E+01	-5.841E+02	-5.630E+01	-3.651E-11	1.942E+03	-1.008E+04	-1.254E-05	3.122E-07
197	3	34.50	6	-3.845E+01	-5.841E+02	-5.630E+01	-3.657E-11	1.942E+03	-1.008E+04	-1.254E-05	3.122E-07
197	3	34.50	7	4.014E+01	-5.839E+02	-5.630E+01	-3.650E-11	1.942E+03	-1.007E+04	-1.254E-05	3.122E-07
197	3	34.50	8	3.694E+01	-5.839E+02	-5.630E+01	-3.656E-11	1.942E+03	-1.007E+04	-1.254E-05	3.122E-07
197	3	34.50	9	-3.525E+01	-5.841E+02	5.630E+01	3.685E-11	-1.942E+03	-1.008E+04	-1.254E-05	-3.122E-07
197	3	34.50	10	-3.845E+01	-5.841E+02	5.630E+01	3.679E-11	-1.942E+03	-1.008E+04	-1.254E-05	-3.122E-07
197	3	34.50	11	4.014E+01	-5.839E+02	5.630E+01	3.687E-11	-1.942E+03	-1.007E+04	-1.254E-05	-3.122E-07
197	3	34.50	12	3.694E+01	-5.839E+02	5.630E+01	3.681E-11	-1.942E+03	-1.007E+04	-1.254E-05	-3.122E-07
197	3	34.50	13	-3.525E+01	-5.841E+02	5.200E+01	3.484E-11	-1.794E+03	-1.008E+04	-1.254E-05	-2.884E-07
197	3	34.50	14	-3.845E+01	-5.841E+02	5.200E+01	3.479E-11	-1.794E+03	-1.008E+04	-1.254E-05	-2.884E-07
197	3	34.50	15	4.014E+01	-5.839E+02	5.200E+01	3.486E-11	-1.794E+03	-1.007E+04	-1.254E-05	-2.884E-07
197	3	34.50	16	3.694E+01	-5.839E+02	5.200E+01	3.480E-11	-1.794E+03	-1.007E+04	-1.254E-05	-2.884E-07
197	4	51.75	1	-3.482E+01	-8.761E+02	-5.200E+01	-3.451E-11	2.691E+03	-2.267E+04	-9.208E-06	2.524E-07
197	4	51.75	2	-3.803E+01	-8.761E+02	-5.200E+01	-3.456E-11	2.691E+03	-2.267E+04	-9.208E-06	2.524E-07
197	4	51.75	3	4.057E+01	-8.759E+02	-5.200E+01	-3.449E-11	2.691E+03	-2.266E+04	-9.209E-06	2.524E-07
197	4	51.75	4	3.736E+01	-8.759E+02	-5.200E+01	-3.455E-11	2.691E+03	-2.266E+04	-9.209E-06	2.524E-07
197	4	51.75	5	-3.482E+01	-8.761E+02	-5.630E+01	-3.651E-11	2.913E+03	-2.267E+04	-9.208E-06	2.732E-07
197	4	51.75	6	-3.803E+01	-8.761E+02	-5.630E+01	-3.657E-11	2.913E+03	-2.267E+04	-9.208E-06	2.732E-07
197	4	51.75	7	4.057E+01	-8.759E+02	-5.630E+01	-3.650E-11	2.913E+03	-2.266E+04	-9.209E-06	2.732E-07
197	4	51.75	8	3.736E+01	-8.759E+02	-5.630E+01	-3.656E-11	2.913E+03	-2.266E+04	-9.209E-06	2.732E-07
197	4	51.75	9	-3.482E+01	-8.761E+02	5.630E+01	3.685E-11	-2.913E+03	-2.267E+04	-9.208E-06	-2.732E-07
197	4	51.75	10	-3.803E+01	-8.761E+02	5.630E+01	3.679E-11	-2.913E+03	-2.267E+04	-9.208E-06	-2.732E-07
197	4	51.75	11	4.057E+01	-8.759E+02	5.630E+01	3.687E-11	-2.913E+03	-2.266E+04	-9.209E-06	-2.732E-07
197	4	51.75	12	3.736E+01	-8.759E+02	5.630E+01	3.681E-11	-2.913E+03	-2.266E+04	-9.209E-06	-2.732E-07
197	4	51.75	13	-3.482E+01	-8.761E+02	5.200E+01	3.484E-11	-2.691E+03	-2.267E+04	-9.208E-06	-2.524E-07
197	4	51.75	14	-3.803E+01	-8.761E+02	5.200E+01	3.479E-11	-2.691E+03	-2.267E+04	-9.208E-06	-2.524E-07
197	4	51.75	15	4.057E+01	-8.759E+02	5.200E+01	3.486E-11	-2.691E+03	-2.266E+04	-9.209E-06	-2.524E-07
197	4	51.75	16	3.736E+01	-8.759E+02	5.200E+01	3.480E-11	-2.691E+03	-2.266E+04	-9.209E-06	-2.524E-07
197	5	69.00	1	-3.440E+01	-1.168E+03	-5.200E+01	-3.451E-11	3.588E+03	-4.030E+04	-1.343E-14	-1.817E-14
197	5	69.00	2	-3.761E+01	-1.168E+03	-5.200E+01	-3.456E-11	3.588E+03	-4.030E+04	-1.343E-14	-1.817E-14
197	5	69.00	3	4.099E+01	-1.168E+03	-5.200E+01	-3.449E-11	3.588E+03	-4.029E+04	-1.341E-14	-1.817E-14
197	5	69.00	4	3.778E+01	-1.168E+03	-5.200E+01	-3.455E-11	3.588E+03	-4.029E+04	-1.341E-14	-1.817E-14
197	5	69.00	5	-3.440E+01	-1.168E+03	-5.630E+01	-3.651E-11	3.884E+03	-4.030E+04	-1.343E-14	-1.619E-14
197	5	69.00	6	-3.761E+01	-1.168E+03	-5.630E+01	-3.657E-11	3.884E+03	-4.030E+04	-1.343E-14	-1.619E-14
197	5	69.00	7	4.099E+01	-1.168E+03	-5.630E+01	-3.650E-11	3.884E+03	-4.029E+04	-1.341E-14	-1.619E-14
197	5	69.00	8	3.778E+01	-1.168E+03	-5.630E+01	-3.656E-11	3.884E+03	-4.029E+04	-1.341E-14	-1.619E-14
197	5	69.00	9	-3.440E+01	-1.168E+03	5.630E+01	3.685E-11	-3.884E+03	-4.030E+04	-1.343E-14	1.619E-14
197	5	69.00	10	-3.761E+01	-1.168E+03	5.630E+01	3.679E-11	-3.884E+03	-4.030E+04	-1.343E-14	1.619E-14
197	5	69.00	11	4.099E+01	-1.168E+03	5.630E+01	3.687E-11	-3.884E+03	-4.029E+04	-1.341E-14	1.619E-14
197	5	69.00	12	3.778E+01	-1.168E+03	5.630E+01	3.681E-11	-3.884E+03	-4.029E+04	-1.341E-14	1.619E-14
197	5	69.00	13	-3.440E+01	-1.168E+03	5.200E+01	3.484E-11	-3.588E+03	-4.030E+04	-1.343E-14	1.817E-14
197	5	69.00	14	-3.761E+01	-1.168E+03	5.200E+01	3.479E-11	-3.588E+03	-4.030E+04	-1.343E-14	1.817E-14
197	5	69.00	15	4.099E+01	-1.168E+03	5.200E+01	3.486E-11	-3.588E+03	-4.029E+04	-1.341E-14	1.817E-14
197	5	69.00	16	3.778E+01	-1.168E+03	5.200E+01	3.480E-11	-3.588E+03	-4.029E+04	-1.341E-14	1.817E-14
198	1	0.00	1	-3.930E+01	-5.695E-02	-5.200E+01	-3.487E-11	-1.643E-08	7.509E-08	0.000E+00	0.000E+00
198	1	0.00	2	-3.609E+01	-5.231E-02	-5.200E+01	-3.493E-11	-1.643E-08	7.509E-08	0.000E+00	0.000E+00
198	1	0.00	3	3.609E+01	5.231E-02	-5.200E+01	-3.489E-11	-1.639E-08	7.807E-08	0.000E+00	0.000E+00
198	1	0.00	4	3.930E+01	5.695E-02	-5.200E+01	-3.495E-11	-1.639E-08	7.807E-08	0.000E+00	0.000E+00
198	1	0.00	5	-3.930E+01	-5.695E-02	-5.630E+01	-3.688E-11	-1.695E-08	7.503E-08	0.000E+00	0.000E+00
198	1	0.00	6	-3.609E+01	-5.231E-02	-5.630E+01	-3.694E-11	-1.695E-08	7.503E-08	0.000E+00	0.000E+00
198	1	0.00	7	3.609E+01	5.231E-02	-5.630E+01	-3.689E-11	-1.691E-08	7.802E-08	0.000E+00	0.000E+00
198	1	0.00	8	3.930E+01	5.695E-02	-5.630E+01	-3.695E-11	-1.691E-08	7.802E-08	0.000E+00	0.000E+00
198	1	0.00	9	-3.930E+01	-5.695E-02	5.630E+01	3.666E-11	1.732E-08	4.016E-08	0.000E+00	0.000E+00
198	1	0.00	10	-3.609E+01	-5.231E-02	5.630E+01	3.660E-11	1.732E-08	4.016E-08	0.000E+00	0.000E+00
198	1	0.00	11	3.609E+01	5.231E-02	5.630E+01	3.665E-11	1.735E-08	4.315E-08	0.000E+00	0.000E+00
198	1	0.00	12	3.930E+01	5.695E-02	5.630E+01	3.659E-11	1.735E-08	4.315E-08	0.000E+00	0.000E+00
198	1	0.00	13	-3.930E+01	-5.695E-02	5.200E+01	3.465E-11	1.680E-08	4.011E-08	0.000E+00	0.000E+00
198	1	0.00	14	-3.609E+01	-5.231E-02	5.200E+01	3.459E-11	1.680E-08	4.011E-08	0.000E+00	0.000E+00
198	1	0.00	15	3.609E+01	5.231E-02	5.200E+01	3.464E-11	1.684E-08	4.310E-08	0.000E+00	0.000E+00
198	1	0.00	16	3.930E+01	5.695E-02	5.200E+01	3.458E-11	1.684E-08	4.310E-08	0.000E+00	0.000E+00
198	2	17.25	1	-3.888E+01	-2.921E+02	-5.200E+01	-3.487E-11	8.970E+02	-2.519E+03	-9.561E-06	1.803E-07
198	2	17.25	2	-3.567E+01	-2.921E+02	-5.200E+01	-3.493E-11	8.970E+02	-2.519E+03	-9.561E-06	1.803E-07

198	2	17.25	3	3.651E+01	-2.919E+02	-5.200E+01	-3.489E-11	8.970E+02	-2.518E+03	-9.561E-06	1.803E-07
198	2	17.25	4	3.972E+01	-2.919E+02	-5.200E+01	-3.495E-11	8.970E+02	-2.518E+03	-9.561E-06	1.803E-07
198	2	17.25	5	-3.888E+01	-2.921E+02	-5.630E+01	-3.688E-11	9.711E+02	-2.519E+03	-9.561E-06	1.951E-07
198	2	17.25	6	-3.567E+01	-2.921E+02	-5.630E+01	-3.694E-11	9.711E+02	-2.519E+03	-9.561E-06	1.951E-07
198	2	17.25	7	3.651E+01	-2.919E+02	-5.630E+01	-3.689E-11	9.711E+02	-2.518E+03	-9.561E-06	1.951E-07
198	2	17.25	8	3.972E+01	-2.919E+02	-5.630E+01	-3.695E-11	9.711E+02	-2.518E+03	-9.561E-06	1.951E-07
198	2	17.25	9	-3.888E+01	-2.921E+02	5.630E+01	3.666E-11	-9.711E+02	-2.519E+03	-9.561E-06	-1.951E-07
198	2	17.25	10	-3.567E+01	-2.921E+02	5.630E+01	3.660E-11	-9.711E+02	-2.519E+03	-9.561E-06	-1.951E-07
198	2	17.25	11	3.651E+01	-2.919E+02	5.630E+01	3.665E-11	-9.711E+02	-2.518E+03	-9.561E-06	-1.951E-07
198	2	17.25	12	3.972E+01	-2.919E+02	5.630E+01	3.659E-11	-9.711E+02	-2.518E+03	-9.561E-06	-1.951E-07
198	2	17.25	13	-3.888E+01	-2.921E+02	5.200E+01	3.465E-11	-8.970E+02	-2.519E+03	-9.561E-06	-1.803E-07
198	2	17.25	14	-3.567E+01	-2.921E+02	5.200E+01	3.459E-11	-8.970E+02	-2.519E+03	-9.561E-06	-1.803E-07
198	2	17.25	15	3.651E+01	-2.919E+02	5.200E+01	3.464E-11	-8.970E+02	-2.518E+03	-9.561E-06	-1.803E-07
198	2	17.25	16	3.972E+01	-2.919E+02	5.200E+01	3.458E-11	-8.970E+02	-2.518E+03	-9.561E-06	-1.803E-07
198	3	34.50	1	-3.845E+01	-5.841E+02	-5.200E+01	-3.487E-11	1.794E+03	-1.008E+04	-1.254E-05	2.884E-07
198	3	34.50	2	-3.525E+01	-5.841E+02	-5.200E+01	-3.493E-11	1.794E+03	-1.008E+04	-1.254E-05	2.884E-07
198	3	34.50	3	3.694E+01	-5.839E+02	-5.200E+01	-3.489E-11	1.794E+03	-1.007E+04	-1.254E-05	2.884E-07
198	3	34.50	4	4.014E+01	-5.839E+02	-5.200E+01	-3.495E-11	1.794E+03	-1.007E+04	-1.254E-05	2.884E-07
198	3	34.50	5	-3.845E+01	-5.841E+02	-5.630E+01	-3.688E-11	1.942E+03	-1.008E+04	-1.254E-05	3.122E-07
198	3	34.50	6	-3.525E+01	-5.841E+02	-5.630E+01	-3.694E-11	1.942E+03	-1.008E+04	-1.254E-05	3.122E-07
198	3	34.50	7	3.694E+01	-5.839E+02	-5.630E+01	-3.689E-11	1.942E+03	-1.007E+04	-1.254E-05	3.122E-07
198	3	34.50	8	4.014E+01	-5.839E+02	-5.630E+01	-3.695E-11	1.942E+03	-1.007E+04	-1.254E-05	3.122E-07
198	3	34.50	9	-3.845E+01	-5.841E+02	5.630E+01	3.666E-11	-1.942E+03	-1.008E+04	-1.254E-05	-3.122E-07
198	3	34.50	10	-3.525E+01	-5.841E+02	5.630E+01	3.660E-11	-1.942E+03	-1.008E+04	-1.254E-05	-3.122E-07
198	3	34.50	11	3.694E+01	-5.839E+02	5.630E+01	3.665E-11	-1.942E+03	-1.007E+04	-1.254E-05	-3.122E-07
198	3	34.50	12	4.014E+01	-5.839E+02	5.630E+01	3.659E-11	-1.942E+03	-1.007E+04	-1.254E-05	-3.122E-07
198	3	34.50	13	-3.845E+01	-5.841E+02	5.200E+01	3.465E-11	-1.794E+03	-1.008E+04	-1.254E-05	-2.884E-07
198	3	34.50	14	-3.525E+01	-5.841E+02	5.200E+01	3.459E-11	-1.794E+03	-1.008E+04	-1.254E-05	-2.884E-07
198	3	34.50	15	3.694E+01	-5.839E+02	5.200E+01	3.464E-11	-1.794E+03	-1.007E+04	-1.254E-05	-2.884E-07
198	3	34.50	16	4.014E+01	-5.839E+02	5.200E+01	3.458E-11	-1.794E+03	-1.007E+04	-1.254E-05	-2.884E-07
198	4	51.75	1	-3.803E+01	-8.761E+02	-5.200E+01	-3.487E-11	2.691E+03	-2.267E+04	-9.208E-06	2.524E-07
198	4	51.75	2	-3.482E+01	-8.761E+02	-5.200E+01	-3.493E-11	2.691E+03	-2.267E+04	-9.208E-06	2.524E-07
198	4	51.75	3	3.736E+01	-8.759E+02	-5.200E+01	-3.489E-11	2.691E+03	-2.266E+04	-9.209E-06	2.524E-07
198	4	51.75	4	4.057E+01	-8.759E+02	-5.200E+01	-3.495E-11	2.691E+03	-2.266E+04	-9.209E-06	2.524E-07
198	4	51.75	5	-3.803E+01	-8.761E+02	-5.630E+01	-3.688E-11	2.913E+03	-2.267E+04	-9.208E-06	2.732E-07
198	4	51.75	6	-3.482E+01	-8.761E+02	-5.630E+01	-3.694E-11	2.913E+03	-2.267E+04	-9.208E-06	2.732E-07
198	4	51.75	7	3.736E+01	-8.759E+02	-5.630E+01	-3.689E-11	2.913E+03	-2.266E+04	-9.209E-06	2.732E-07
198	4	51.75	8	4.057E+01	-8.759E+02	-5.630E+01	-3.695E-11	2.913E+03	-2.266E+04	-9.209E-06	2.732E-07
198	4	51.75	9	-3.803E+01	-8.761E+02	5.630E+01	3.666E-11	-2.913E+03	-2.267E+04	-9.208E-06	-2.732E-07
198	4	51.75	10	-3.482E+01	-8.761E+02	5.630E+01	3.660E-11	-2.913E+03	-2.267E+04	-9.208E-06	-2.732E-07
198	4	51.75	11	3.736E+01	-8.759E+02	5.630E+01	3.665E-11	-2.913E+03	-2.266E+04	-9.209E-06	-2.732E-07
198	4	51.75	12	4.057E+01	-8.759E+02	5.630E+01	3.659E-11	-2.913E+03	-2.266E+04	-9.209E-06	-2.732E-07
198	4	51.75	13	-3.803E+01	-8.761E+02	5.200E+01	3.465E-11	-2.691E+03	-2.267E+04	-9.208E-06	-2.524E-07
198	4	51.75	14	-3.482E+01	-8.761E+02	5.200E+01	3.459E-11	-2.691E+03	-2.267E+04	-9.208E-06	-2.524E-07
198	4	51.75	15	3.736E+01	-8.759E+02	5.200E+01	3.464E-11	-2.691E+03	-2.266E+04	-9.209E-06	-2.524E-07
198	4	51.75	16	4.057E+01	-8.759E+02	5.200E+01	3.458E-11	-2.691E+03	-2.266E+04	-9.209E-06	-2.524E-07
198	5	69.00	1	-3.761E+01	-1.168E+03	-5.200E+01	-3.487E-11	3.588E+03	-4.030E+04	-1.343E-14	-1.817E-14
198	5	69.00	2	-3.440E+01	-1.168E+03	-5.200E+01	-3.493E-11	3.588E+03	-4.030E+04	-1.343E-14	-1.817E-14
198	5	69.00	3	3.778E+01	-1.168E+03	-5.200E+01	-3.489E-11	3.588E+03	-4.029E+04	-1.341E-14	-1.817E-14
198	5	69.00	4	4.099E+01	-1.168E+03	-5.200E+01	-3.495E-11	3.588E+03	-4.029E+04	-1.341E-14	-1.817E-14
198	5	69.00	5	-3.761E+01	-1.168E+03	-5.630E+01	-3.688E-11	3.884E+03	-4.030E+04	-1.343E-14	-1.619E-14
198	5	69.00	6	-3.440E+01	-1.168E+03	-5.630E+01	-3.694E-11	3.884E+03	-4.030E+04	-1.343E-14	-1.619E-14
198	5	69.00	7	3.778E+01	-1.168E+03	-5.630E+01	-3.689E-11	3.884E+03	-4.029E+04	-1.341E-14	-1.619E-14
198	5	69.00	8	4.099E+01	-1.168E+03	-5.630E+01	-3.695E-11	3.884E+03	-4.029E+04	-1.341E-14	-1.619E-14
198	5	69.00	9	-3.761E+01	-1.168E+03	5.630E+01	3.666E-11	-3.884E+03	-4.030E+04	-1.343E-14	1.619E-14
198	5	69.00	10	-3.440E+01	-1.168E+03	5.630E+01	3.660E-11	-3.884E+03	-4.030E+04	-1.343E-14	1.619E-14
198	5	69.00	11	3.778E+01	-1.168E+03	5.630E+01	3.665E-11	-3.884E+03	-4.029E+04	-1.341E-14	1.619E-14
198	5	69.00	12	4.099E+01	-1.168E+03	5.630E+01	3.659E-11	-3.884E+03	-4.029E+04	-1.341E-14	1.619E-14
198	5	69.00	13	-3.761E+01	-1.168E+03	5.200E+01	3.465E-11	-3.588E+03	-4.030E+04	-1.343E-14	1.817E-14
198	5	69.00	14	-3.440E+01	-1.168E+03	5.200E+01	3.459E-11	-3.588E+03	-4.030E+04	-1.343E-14	1.817E-14
198	5	69.00	15	3.778E+01	-1.168E+03	5.200E+01	3.464E-11	-3.588E+03	-4.029E+04	-1.341E-14	1.817E-14
198	5	69.00	16	4.099E+01	-1.168E+03	5.200E+01	3.458E-11	-3.588E+03	-4.029E+04	-1.341E-14	1.817E-14

199	1	0.00	1	8.486E+02	4.260E+04	6.280E+03	1.540E-01	8.433E+05	-1.025E+04	0.000E+00	0.000E+00
199	1	0.00	2	9.728E+02	4.260E+04	6.249E+03	1.540E-01	8.234E+05	-1.026E+04	0.000E+00	0.000E+00
199	1	0.00	3	-1.936E+04	4.259E+04	6.363E+03	1.540E-01	8.439E+05	-1.024E+04	0.000E+00	0.000E+00
199	1	0.00	4	-1.924E+04	4.259E+04	6.332E+03	1.540E-01	8.241E+05	-1.025E+04	0.000E+00	0.000E+00
199	1	0.00	5	9.237E+02	4.260E+04	6.548E+03	1.520E-01	8.846E+05	-1.174E+04	0.000E+00	0.000E+00
199	1	0.00	6	1.048E+03	4.260E+04	6.517E+03	1.520E-01	8.647E+05	-1.174E+04	0.000E+00	0.000E+00
199	1	0.00	7	-1.929E+04	4.260E+04	6.631E+03	1.520E-01	8.852E+05	-1.173E+04	0.000E+00	0.000E+00
199	1	0.00	8	-1.916E+04	4.260E+04	6.600E+03	1.520E-01	8.653E+05	-1.173E+04	0.000E+00	0.000E+00
199	1	0.00	9	1.355E+04	4.270E+04	-4.738E+03	7.558E-02	-8.509E+05	-6.886E+04	0.000E+00	0.000E+00
199	1	0.00	10	1.368E+04	4.270E+04	-4.769E+03	7.558E-02	-8.708E+05	-6.886E+04	0.000E+00	0.000E+00
199	1	0.00	11	-6.660E+03	4.269E+04	-4.655E+03	7.558E-02	-8.503E+05	-6.885E+04	0.000E+00	0.000E+00
199	1	0.00	12	-6.536E+03	4.269E+04	-4.686E+03	7.558E-02	-8.702E+05	-6.886E+04	0.000E+00	0.000E+00
199	1	0.00	13	1.363E+04	4.270E+04	-4.470E+03	7.359E-02	-8.096E+05	-7.034E+04	0.000E+00	0.000E+00
199	1	0.00	14	1.375E+04	4.270E+04	-4.501E+03	7.359E-02	-8.295E+05	-7.035E+04	0.000E+00	0.000E+00
199	1	0.00	15	-6.585E+03	4.269E+04	-4.387E+03	7.359E-02	-8.090E+05	-7.033E+04	0.000E+00	0.000E+00
199	1	0.00	16	-6.461E+03	4.269E+04	-4.418E+03	7.359E-02	-8.289E+05	-7.034E+04	0.000E+00	0.000E+00
199	2	45.25	1	8.495E+02	4.183E+04	6.280E+03	1.540E-01	5.680E+05	1.900E+06	-1.204E-03	3.235E-04
199	2	45.25	2	9.737E+02	4.184E+04	6.249E+03	1.540E-01	5.495E+05	1.900E+06	-1.204E-03	3.089E-04
199	2	45.25	3	-1.936E+04	4.183E+04	6.363E+03	1.540E-01	5.649E+05	1.900E+06	-1.204E-03	3.188E-04
199	2	45.25	4	-1.924E+04	4.183E+04	6.332E+03	1.540E-01	5.464E+05	1.900E+06	-1.204E-03	3.042E-04
199	2	45.25	5	9.246E+02	4.184E+04	6.548E+03	1.520E-01	5.972E+05	1.899E+06	-1.203E-03	3.410E-04
199	2	45.25	6	1.049E+03	4.184E+04	6.517E+03	1.520E-01	5.787E+05	1.899E+06	-1.203E-03	3.264E-04
199	2	45.25	7	-1.929E+04	4.183E+04	6.631E+03	1.520E-01	5.941E+05	1.898E+06	-1.203E-03	3.363E-04
199	2	45.25	8	-1.916E+04	4.183E+04	6.600E+03	1.520E-01	5.756E+05	1.898E+06	-1.203E-03	3.217E-04
199	2	45.25	9	1.355E+04	4.193E+04	-4.738E+03	7.558E-02	-6.454E+05	1.846E+06	-1.185E-03	-4.263E-04
199	2	45.25	10	1.368E+04	4.193E+04	-4.769E+03	7.558E-02	-6.639E+05	1.846E+06	-1.185E-03	-4.408E-04
199	2	45.25	11	-6.660E+03	4.192E+04	-4.655E+03	7.558E-02	-6.485E+05	1.845E+06	-1.185E-03	-4.309E-04
199	2	45.25	12	-6.535E+03	4.192E+04	-4.686E+03	7.558E-02	-6.670E+05	1.845E+06	-1.185E-03	-4.455E-04
199	2	45.25	13	1.363E+04	4.193E+04	-4.470E+03	7.359E-02	-6.163E+05	1.844E+06	-1.185E-03	-4.088E-04
199	2	45.25	14	1.375E+04	4.193E+04	-4.501E+03	7.359E-02	-6.347E+05	1.844E+06	-1.185E-03	-4.233E-04
199	2	45.25	15	-6.584E+03	4.193E+04	-4.387E+03	7.359E-02	-6.194E+05	1.844E+06	-1.185E-03	-4.134E-04
199	2	45.25	16	-6.460E+03	4.193E+04	-4.418E+03	7.359E-02	-6.379E+05	1.844E+06	-1.185E-03	-4.280E-04
199	3	90.50	1	8.503E+02	4.107E+04	6.280E+03	1.540E-01	3.044E+05	3.776E+06	-1.905E-03	3.368E-04
199	3	90.50	2	9.745E+02	4.107E+04	6.249E+03	1.540E-01	2.874E+05	3.776E+06	-1.905E-03	3.179E-04
199	3	90.50	3	-1.936E+04	4.106E+04	6.363E+03	1.540E-01	2.976E+05	3.775E+06	-1.905E-03	3.292E-04
199	3	90.50	4	-1.924E+04	4.106E+04	6.332E+03	1.540E-01	2.805E+05	3.775E+06	-1.905E-03	3.103E-04
199	3	90.50	5	9.254E+02	4.107E+04	6.548E+03	1.520E-01	3.215E+05	3.775E+06	-1.904E-03	3.556E-04
199	3	90.50	6	1.050E+03	4.107E+04	6.517E+03	1.520E-01	3.044E+05	3.775E+06	-1.904E-03	3.367E-04
199	3	90.50	7	-1.929E+04	4.106E+04	6.631E+03	1.520E-01	3.146E+05	3.774E+06	-1.904E-03	3.480E-04
199	3	90.50	8	-1.916E+04	4.106E+04	6.600E+03	1.520E-01	2.976E+05	3.774E+06	-1.904E-03	3.292E-04
199	3	90.50	9	1.355E+04	4.116E+04	-4.738E+03	7.558E-02	-4.517E+05	3.726E+06	-1.881E-03	-4.996E-04
199	3	90.50	10	1.368E+04	4.116E+04	-4.769E+03	7.558E-02	-4.687E+05	3.726E+06	-1.881E-03	-5.185E-04
199	3	90.50	11	-6.659E+03	4.116E+04	-4.655E+03	7.558E-02	-4.585E+05	3.725E+06	-1.880E-03	-5.072E-04
199	3	90.50	12	-6.534E+03	4.116E+04	-4.686E+03	7.558E-02	-4.756E+05	3.725E+06	-1.880E-03	-5.261E-04
199	3	90.50	13	1.363E+04	4.117E+04	-4.470E+03	7.359E-02	-4.346E+05	3.725E+06	-1.880E-03	-4.807E-04
199	3	90.50	14	1.375E+04	4.117E+04	-4.501E+03	7.359E-02	-4.517E+05	3.725E+06	-1.880E-03	-4.996E-04
199	3	90.50	15	-6.584E+03	4.116E+04	-4.387E+03	7.359E-02	-4.415E+05	3.724E+06	-1.880E-03	-4.883E-04
199	3	90.50	16	-6.459E+03	4.116E+04	-4.418E+03	7.359E-02	-4.585E+05	3.724E+06	-1.880E-03	-5.072E-04
199	4	135.75	1	8.511E+02	4.030E+04	6.280E+03	1.540E-01	-3.135E+05	5.617E+06	-1.651E-03	1.856E-04
199	4	135.75	2	9.754E+02	4.030E+04	6.249E+03	1.540E-01	-3.291E+05	5.617E+06	-1.651E-03	1.719E-04
199	4	135.75	3	-1.936E+04	4.030E+04	6.363E+03	1.540E-01	-3.241E+05	5.616E+06	-1.651E-03	1.789E-04
199	4	135.75	4	-1.924E+04	4.030E+04	6.332E+03	1.540E-01	-3.398E+05	5.616E+06	-1.651E-03	1.651E-04
199	4	135.75	5	9.263E+02	4.031E+04	6.548E+03	1.520E-01	-3.085E+05	5.616E+06	-1.651E-03	1.964E-04
199	4	135.75	6	1.050E+03	4.031E+04	6.517E+03	1.520E-01	-3.242E+05	5.616E+06	-1.651E-03	1.827E-04
199	4	135.75	7	-1.929E+04	4.030E+04	6.631E+03	1.520E-01	-3.191E+05	5.615E+06	-1.651E-03	1.897E-04
199	4	135.75	8	-1.916E+04	4.030E+04	6.600E+03	1.520E-01	-3.348E+05	5.615E+06	-1.651E-03	1.759E-04
199	4	135.75	9	1.355E+04	4.040E+04	-4.738E+03	7.558E-02	9.647E+04	5.571E+06	-1.634E-03	-3.271E-04
199	4	135.75	10	1.368E+04	4.040E+04	-4.769E+03	7.558E-02	8.080E+04	5.571E+06	-1.634E-03	-3.408E-04
199	4	135.75	11	-6.658E+03	4.039E+04	-4.655E+03	7.558E-02	8.585E+04	5.570E+06	-1.634E-03	-3.338E-04
199	4	135.75	12	-6.534E+03	4.039E+04	-4.686E+03	7.558E-02	7.018E+04	5.570E+06	-1.634E-03	-3.476E-04
199	4	135.75	13	1.363E+04	4.040E+04	-4.470E+03	7.359E-02	1.014E+05	5.570E+06	-1.633E-03	-3.163E-04
199	4	135.75	14	1.375E+04	4.040E+04	-4.501E+03	7.359E-02	8.576E+04	5.570E+06	-1.633E-03	-3.300E-04

199	4	135.75	15	-6.583E+03	4.039E+04	-4.387E+03	7.359E-02	9.080E+04	5.569E+06	-1.633E-03	-3.230E-04
199	4	135.75	16	-6.459E+03	4.039E+04	-4.418E+03	7.359E-02	7.514E+04	5.569E+06	-1.633E-03	-3.368E-04
199	5	181.00	1	8.520E+02	3.954E+04	6.280E+03	1.540E-01	-3.991E+05	7.423E+06	-9.694E-11	1.004E-10
199	5	181.00	2	9.762E+02	3.954E+04	6.249E+03	1.540E-01	-4.134E+05	7.423E+06	-9.694E-11	9.494E-11
199	5	181.00	3	-1.936E+04	3.953E+04	6.363E+03	1.540E-01	-4.135E+05	7.422E+06	-9.701E-11	1.005E-10
199	5	181.00	4	-1.924E+04	3.953E+04	6.332E+03	1.540E-01	-4.278E+05	7.422E+06	-9.701E-11	9.505E-11
199	5	181.00	5	9.271E+02	3.954E+04	6.548E+03	1.520E-01	-4.063E+05	7.422E+06	-9.699E-11	1.023E-10
199	5	181.00	6	1.051E+03	3.954E+04	6.517E+03	1.520E-01	-4.205E+05	7.422E+06	-9.699E-11	9.688E-11
199	5	181.00	7	-1.929E+04	3.953E+04	6.631E+03	1.520E-01	-4.207E+05	7.421E+06	-9.707E-11	1.024E-10
199	5	181.00	8	-1.916E+04	3.953E+04	6.600E+03	1.520E-01	-4.349E+05	7.421E+06	-9.707E-11	9.699E-11
199	5	181.00	9	1.356E+04	3.963E+04	-4.738E+03	7.558E-02	1.123E+05	7.382E+06	-1.031E-10	-9.534E-11
199	5	181.00	10	1.368E+04	3.963E+04	-4.769E+03	7.558E-02	9.806E+04	7.382E+06	-1.031E-10	-1.008E-10
199	5	181.00	11	-6.657E+03	3.962E+04	-4.655E+03	7.558E-02	9.795E+04	7.381E+06	-1.031E-10	-9.523E-11
199	5	181.00	12	-6.533E+03	3.963E+04	-4.686E+03	7.558E-02	8.369E+04	7.381E+06	-1.031E-10	-1.007E-10
199	5	181.00	13	1.363E+04	3.963E+04	-4.470E+03	7.359E-02	1.052E+05	7.381E+06	-1.031E-10	-9.339E-11
199	5	181.00	14	1.375E+04	3.964E+04	-4.501E+03	7.359E-02	9.091E+04	7.381E+06	-1.031E-10	-9.883E-11
199	5	181.00	15	-6.582E+03	3.963E+04	-4.387E+03	7.359E-02	9.079E+04	7.379E+06	-1.032E-10	-9.328E-11
199	5	181.00	16	-6.458E+03	3.963E+04	-4.418E+03	7.359E-02	7.653E+04	7.380E+06	-1.032E-10	-9.872E-11
200	1	0.00	1	1.375E+04	4.270E+04	4.501E+03	-7.359E-02	8.295E+05	-7.035E+04	0.000E+00	0.000E+00
200	1	0.00	2	1.363E+04	4.270E+04	4.470E+03	-7.359E-02	8.096E+05	-7.034E+04	0.000E+00	0.000E+00
200	1	0.00	3	-6.461E+03	4.269E+04	4.418E+03	-7.359E-02	8.289E+05	-7.034E+04	0.000E+00	0.000E+00
200	1	0.00	4	-6.585E+03	4.269E+04	4.387E+03	-7.359E-02	8.090E+05	-7.033E+04	0.000E+00	0.000E+00
200	1	0.00	5	1.368E+04	4.270E+04	4.769E+03	-7.558E-02	8.708E+05	-6.886E+04	0.000E+00	0.000E+00
200	1	0.00	6	1.355E+04	4.270E+04	4.738E+03	-7.558E-02	8.509E+05	-6.886E+04	0.000E+00	0.000E+00
200	1	0.00	7	-6.536E+03	4.269E+04	4.686E+03	-7.558E-02	8.702E+05	-6.886E+04	0.000E+00	0.000E+00
200	1	0.00	8	-6.660E+03	4.269E+04	4.655E+03	-7.558E-02	8.503E+05	-6.885E+04	0.000E+00	0.000E+00
200	1	0.00	9	1.048E+03	4.260E+04	-6.517E+03	-1.520E-01	-8.647E+05	-1.174E+04	0.000E+00	0.000E+00
200	1	0.00	10	9.237E+02	4.260E+04	-6.548E+03	-1.520E-01	-8.846E+05	-1.174E+04	0.000E+00	0.000E+00
200	1	0.00	11	-1.916E+04	4.260E+04	-6.600E+03	-1.520E-01	-8.653E+05	-1.173E+04	0.000E+00	0.000E+00
200	1	0.00	12	-1.929E+04	4.260E+04	-6.631E+03	-1.520E-01	-8.852E+05	-1.173E+04	0.000E+00	0.000E+00
200	1	0.00	13	9.728E+02	4.260E+04	-6.249E+03	-1.540E-01	-8.234E+05	-1.026E+04	0.000E+00	0.000E+00
200	1	0.00	14	8.486E+02	4.260E+04	-6.280E+03	-1.540E-01	-8.433E+05	-1.025E+04	0.000E+00	0.000E+00
200	1	0.00	15	-1.924E+04	4.259E+04	-6.332E+03	-1.540E-01	-8.241E+05	-1.025E+04	0.000E+00	0.000E+00
200	1	0.00	16	-1.936E+04	4.259E+04	-6.363E+03	-1.540E-01	-8.439E+05	-1.024E+04	0.000E+00	0.000E+00
200	2	45.25	1	1.375E+04	4.193E+04	4.501E+03	-7.359E-02	6.347E+05	1.844E+06	-1.185E-03	4.233E-04
200	2	45.25	2	1.363E+04	4.193E+04	4.470E+03	-7.359E-02	6.163E+05	1.844E+06	-1.185E-03	4.088E-04
200	2	45.25	3	-6.460E+03	4.193E+04	4.418E+03	-7.359E-02	6.379E+05	1.844E+06	-1.185E-03	4.280E-04
200	2	45.25	4	-6.584E+03	4.193E+04	4.387E+03	-7.359E-02	6.194E+05	1.844E+06	-1.185E-03	4.134E-04
200	2	45.25	5	1.368E+04	4.193E+04	4.769E+03	-7.558E-02	6.639E+05	1.846E+06	-1.185E-03	4.408E-04
200	2	45.25	6	1.355E+04	4.193E+04	4.738E+03	-7.558E-02	6.454E+05	1.846E+06	-1.185E-03	4.263E-04
200	2	45.25	7	-6.535E+03	4.192E+04	4.686E+03	-7.558E-02	6.670E+05	1.845E+06	-1.185E-03	4.455E-04
200	2	45.25	8	-6.660E+03	4.192E+04	4.655E+03	-7.558E-02	6.485E+05	1.845E+06	-1.185E-03	4.309E-04
200	2	45.25	9	1.049E+03	4.184E+04	-6.517E+03	-1.520E-01	-5.787E+05	1.899E+06	-1.203E-03	-3.264E-04
200	2	45.25	10	9.246E+02	4.184E+04	-6.548E+03	-1.520E-01	-5.972E+05	1.899E+06	-1.203E-03	-3.410E-04
200	2	45.25	11	-1.916E+04	4.183E+04	-6.600E+03	-1.520E-01	-5.756E+05	1.898E+06	-1.203E-03	-3.217E-04
200	2	45.25	12	-1.929E+04	4.183E+04	-6.631E+03	-1.520E-01	-5.941E+05	1.898E+06	-1.203E-03	-3.363E-04
200	2	45.25	13	9.737E+02	4.184E+04	-6.249E+03	-1.540E-01	-5.495E+05	1.900E+06	-1.204E-03	-3.089E-04
200	2	45.25	14	8.495E+02	4.183E+04	-6.280E+03	-1.540E-01	-5.680E+05	1.900E+06	-1.204E-03	-3.235E-04
200	2	45.25	15	-1.924E+04	4.183E+04	-6.332E+03	-1.540E-01	-5.464E+05	1.900E+06	-1.204E-03	-3.042E-04
200	2	45.25	16	-1.936E+04	4.183E+04	-6.363E+03	-1.540E-01	-5.649E+05	1.900E+06	-1.204E-03	-3.188E-04
200	3	90.50	1	1.375E+04	4.117E+04	4.501E+03	-7.359E-02	4.517E+05	3.725E+06	-1.880E-03	4.996E-04
200	3	90.50	2	1.363E+04	4.117E+04	4.470E+03	-7.359E-02	4.346E+05	3.725E+06	-1.880E-03	4.807E-04
200	3	90.50	3	-6.459E+03	4.116E+04	4.418E+03	-7.359E-02	4.585E+05	3.724E+06	-1.880E-03	5.072E-04
200	3	90.50	4	-6.584E+03	4.116E+04	4.387E+03	-7.359E-02	4.415E+05	3.724E+06	-1.880E-03	4.883E-04
200	3	90.50	5	1.368E+04	4.116E+04	4.769E+03	-7.558E-02	4.687E+05	3.726E+06	-1.881E-03	5.185E-04
200	3	90.50	6	1.355E+04	4.116E+04	4.738E+03	-7.558E-02	4.517E+05	3.726E+06	-1.881E-03	4.996E-04
200	3	90.50	7	-6.534E+03	4.116E+04	4.686E+03	-7.558E-02	4.756E+05	3.725E+06	-1.880E-03	5.261E-04
200	3	90.50	8	-6.659E+03	4.116E+04	4.655E+03	-7.558E-02	4.585E+05	3.725E+06	-1.880E-03	5.072E-04
200	3	90.50	9	1.050E+03	4.107E+04	-6.517E+03	-1.520E-01	-3.044E+05	3.775E+06	-1.904E-03	-3.367E-04
200	3	90.50	10	9.254E+02	4.107E+04	-6.548E+03	-1.520E-01	-3.215E+05	3.775E+06	-1.904E-03	-3.556E-04
200	3	90.50	11	-1.916E+04	4.106E+04	-6.600E+03	-1.520E-01	-2.976E+05	3.774E+06	-1.904E-03	-3.292E-04
200	3	90.50	12	-1.929E+04	4.106E+04	-6.631E+03	-1.520E-01	-3.146E+05	3.774E+06	-1.904E-03	-3.480E-04

200	3	90.50	13	9.745E+02	4.107E+04	-6.249E+03	-1.540E-01	-2.874E+05	3.776E+06	-1.905E-03	-3.179E-04
200	3	90.50	14	8.503E+02	4.107E+04	-6.280E+03	-1.540E-01	-3.044E+05	3.776E+06	-1.905E-03	-3.368E-04
200	3	90.50	15	-1.924E+04	4.106E+04	-6.332E+03	-1.540E-01	-2.805E+05	3.775E+06	-1.905E-03	-3.103E-04
200	3	90.50	16	-1.936E+04	4.106E+04	-6.363E+03	-1.540E-01	-2.976E+05	3.775E+06	-1.905E-03	-3.292E-04
200	4	135.75	1	1.375E+04	4.040E+04	4.501E+03	-7.359E-02	-8.576E+04	5.570E+06	-1.633E-03	3.300E-04
200	4	135.75	2	1.363E+04	4.040E+04	4.470E+03	-7.359E-02	-1.014E+05	5.570E+06	-1.633E-03	3.163E-04
200	4	135.75	3	-6.459E+03	4.039E+04	4.418E+03	-7.359E-02	-7.514E+04	5.569E+06	-1.633E-03	3.368E-04
200	4	135.75	4	-6.583E+03	4.039E+04	4.387E+03	-7.359E-02	-9.080E+04	5.569E+06	-1.633E-03	3.230E-04
200	4	135.75	5	1.368E+04	4.040E+04	4.769E+03	-7.558E-02	-8.080E+04	5.571E+06	-1.634E-03	3.408E-04
200	4	135.75	6	1.355E+04	4.040E+04	4.738E+03	-7.558E-02	-9.647E+04	5.571E+06	-1.634E-03	3.271E-04
200	4	135.75	7	-6.534E+03	4.039E+04	4.686E+03	-7.558E-02	-7.018E+04	5.570E+06	-1.634E-03	3.476E-04
200	4	135.75	8	-6.658E+03	4.039E+04	4.655E+03	-7.558E-02	-8.585E+04	5.570E+06	-1.634E-03	3.338E-04
200	4	135.75	9	1.050E+03	4.031E+04	-6.517E+03	-1.520E-01	3.242E+05	5.616E+06	-1.651E-03	-1.827E-04
200	4	135.75	10	9.263E+02	4.031E+04	-6.548E+03	-1.520E-01	3.085E+05	5.616E+06	-1.651E-03	-1.964E-04
200	4	135.75	11	-1.916E+04	4.030E+04	-6.600E+03	-1.520E-01	3.348E+05	5.615E+06	-1.651E-03	-1.759E-04
200	4	135.75	12	-1.929E+04	4.030E+04	-6.631E+03	-1.520E-01	3.191E+05	5.615E+06	-1.651E-03	-1.897E-04
200	4	135.75	13	9.754E+02	4.030E+04	-6.249E+03	-1.540E-01	3.291E+05	5.617E+06	-1.651E-03	-1.719E-04
200	4	135.75	14	8.511E+02	4.030E+04	-6.280E+03	-1.540E-01	3.135E+05	5.617E+06	-1.651E-03	-1.856E-04
200	4	135.75	15	-1.924E+04	4.030E+04	-6.332E+03	-1.540E-01	3.398E+05	5.616E+06	-1.651E-03	-1.651E-04
200	4	135.75	16	-1.936E+04	4.030E+04	-6.363E+03	-1.540E-01	3.241E+05	5.616E+06	-1.651E-03	-1.789E-04
200	5	181.00	1	1.375E+04	3.964E+04	4.501E+03	-7.359E-02	-9.091E+04	7.381E+06	-1.031E-10	9.883E-11
200	5	181.00	2	1.363E+04	3.963E+04	4.470E+03	-7.359E-02	-1.052E+05	7.381E+06	-1.031E-10	9.339E-11
200	5	181.00	3	-6.458E+03	3.963E+04	4.418E+03	-7.359E-02	-7.653E+04	7.380E+06	-1.032E-10	9.872E-11
200	5	181.00	4	-6.582E+03	3.963E+04	4.387E+03	-7.359E-02	-9.079E+04	7.379E+06	-1.032E-10	9.328E-11
200	5	181.00	5	1.368E+04	3.963E+04	4.769E+03	-7.558E-02	-9.806E+04	7.382E+06	-1.031E-10	1.008E-10
200	5	181.00	6	1.356E+04	3.963E+04	4.738E+03	-7.558E-02	-1.123E+05	7.382E+06	-1.031E-10	9.533E-11
200	5	181.00	7	-6.533E+03	3.963E+04	4.686E+03	-7.558E-02	-8.369E+04	7.381E+06	-1.031E-10	1.007E-10
200	5	181.00	8	-6.657E+03	3.962E+04	4.655E+03	-7.558E-02	-9.795E+04	7.381E+06	-1.031E-10	9.523E-11
200	5	181.00	9	1.051E+03	3.954E+04	-6.517E+03	-1.520E-01	4.205E+05	7.422E+06	-9.699E-11	-9.689E-11
200	5	181.00	10	9.271E+02	3.954E+04	-6.548E+03	-1.520E-01	4.063E+05	7.422E+06	-9.699E-11	-1.023E-10
200	5	181.00	11	-1.916E+04	3.953E+04	-6.600E+03	-1.520E-01	4.349E+05	7.421E+06	-9.707E-11	-9.699E-11
200	5	181.00	12	-1.929E+04	3.953E+04	-6.631E+03	-1.520E-01	4.207E+05	7.421E+06	-9.707E-11	-1.024E-10
200	5	181.00	13	9.762E+02	3.954E+04	-6.249E+03	-1.540E-01	4.134E+05	7.423E+06	-9.694E-11	-9.494E-11
200	5	181.00	14	8.520E+02	3.954E+04	-6.280E+03	-1.540E-01	3.991E+05	7.423E+06	-9.694E-11	-1.004E-10
200	5	181.00	15	-1.924E+04	3.953E+04	-6.332E+03	-1.540E-01	4.278E+05	7.422E+06	-9.701E-11	-9.505E-11
200	5	181.00	16	-1.936E+04	3.953E+04	-6.363E+03	-1.540E-01	4.135E+05	7.422E+06	-9.701E-11	-1.005E-10
201	1	0.00	1	2.713E+02	3.216E+04	3.745E+03	5.987E-02	-4.067E+05	7.435E+06	0.000E+00	0.000E+00
201	1	0.00	2	3.643E+02	3.216E+04	3.714E+03	5.986E-02	-4.272E+05	7.435E+06	0.000E+00	0.000E+00
201	1	0.00	3	-1.823E+04	3.215E+04	3.713E+03	5.987E-02	-4.209E+05	7.433E+06	0.000E+00	0.000E+00
201	1	0.00	4	-1.813E+04	3.215E+04	3.682E+03	5.986E-02	-4.415E+05	7.433E+06	0.000E+00	0.000E+00
201	1	0.00	5	2.647E+02	3.216E+04	3.920E+03	5.785E-02	-4.014E+05	7.433E+06	0.000E+00	0.000E+00
201	1	0.00	6	3.578E+02	3.216E+04	3.889E+03	5.784E-02	-4.220E+05	7.433E+06	0.000E+00	0.000E+00
201	1	0.00	7	-1.823E+04	3.216E+04	3.888E+03	5.785E-02	-4.157E+05	7.432E+06	0.000E+00	0.000E+00
201	1	0.00	8	-1.814E+04	3.216E+04	3.857E+03	5.784E-02	-4.362E+05	7.432E+06	0.000E+00	0.000E+00
201	1	0.00	9	1.256E+04	3.225E+04	-4.567E+03	-2.011E-02	1.164E+05	7.371E+06	0.000E+00	0.000E+00
201	1	0.00	10	1.265E+04	3.225E+04	-4.598E+03	-2.011E-02	9.582E+04	7.371E+06	0.000E+00	0.000E+00
201	1	0.00	11	-5.939E+03	3.225E+04	-4.598E+03	-2.011E-02	1.021E+05	7.370E+06	0.000E+00	0.000E+00
201	1	0.00	12	-5.846E+03	3.225E+04	-4.630E+03	-2.011E-02	8.158E+04	7.370E+06	0.000E+00	0.000E+00
201	1	0.00	13	1.255E+04	3.226E+04	-4.392E+03	-2.213E-02	1.217E+05	7.369E+06	0.000E+00	0.000E+00
201	1	0.00	14	1.264E+04	3.226E+04	-4.423E+03	-2.213E-02	1.011E+05	7.369E+06	0.000E+00	0.000E+00
201	1	0.00	15	-5.946E+03	3.225E+04	-4.423E+03	-2.213E-02	1.074E+05	7.368E+06	0.000E+00	0.000E+00
201	1	0.00	16	-5.853E+03	3.225E+04	-4.455E+03	-2.213E-02	8.685E+04	7.368E+06	0.000E+00	0.000E+00
201	2	127.25	1	2.734E+02	3.000E+04	3.745E+03	5.987E-02	-5.851E+05	1.139E+07	-3.989E-02	-5.747E-03
201	2	127.25	2	3.664E+02	3.000E+04	3.714E+03	5.986E-02	-6.017E+05	1.139E+07	-3.989E-02	-5.838E-03
201	2	127.25	3	-1.822E+04	3.000E+04	3.713E+03	5.987E-02	-5.954E+05	1.139E+07	-3.988E-02	-5.796E-03
201	2	127.25	4	-1.813E+04	3.000E+04	3.682E+03	5.986E-02	-6.120E+05	1.139E+07	-3.988E-02	-5.888E-03
201	2	127.25	5	2.668E+02	3.001E+04	3.920E+03	5.785E-02	-6.021E+05	1.139E+07	-3.989E-02	-5.956E-03
201	2	127.25	6	3.599E+02	3.001E+04	3.889E+03	5.784E-02	-6.187E+05	1.139E+07	-3.989E-02	-6.047E-03
201	2	127.25	7	-1.823E+04	3.000E+04	3.888E+03	5.785E-02	-6.124E+05	1.139E+07	-3.988E-02	-6.005E-03
201	2	127.25	8	-1.814E+04	3.000E+04	3.857E+03	5.784E-02	-6.290E+05	1.139E+07	-3.988E-02	-6.097E-03
201	2	127.25	9	1.256E+04	3.010E+04	-4.567E+03	-2.011E-02	3.995E+05	1.134E+07	-3.977E-02	4.986E-03
201	2	127.25	10	1.265E+04	3.010E+04	-4.598E+03	-2.011E-02	3.828E+05	1.134E+07	-3.977E-02	4.894E-03

201	2	127.25	11	-5.937E+03	3.010E+04	-4.598E+03	-2.011E-02	3.892E+05	1.134E+07	-3.976E-02	4.937E-03
201	2	127.25	12	-5.844E+03	3.010E+04	-4.630E+03	-2.011E-02	3.726E+05	1.134E+07	-3.976E-02	4.845E-03
201	2	127.25	13	1.255E+04	3.010E+04	-4.392E+03	-2.213E-02	3.824E+05	1.134E+07	-3.976E-02	4.777E-03
201	2	127.25	14	1.265E+04	3.010E+04	-4.423E+03	-2.213E-02	3.658E+05	1.134E+07	-3.976E-02	4.685E-03
201	2	127.25	15	-5.944E+03	3.010E+04	-4.423E+03	-2.213E-02	3.722E+05	1.134E+07	-3.976E-02	4.728E-03
201	2	127.25	16	-5.851E+03	3.010E+04	-4.455E+03	-2.213E-02	3.556E+05	1.134E+07	-3.976E-02	4.636E-03
201	3	254.50	1	2.755E+02	2.785E+04	3.745E+03	5.987E-02	-1.028E+06	1.507E+07	-5.777E-02	-8.995E-03
201	3	254.50	2	3.686E+02	2.785E+04	3.714E+03	5.986E-02	-1.041E+06	1.507E+07	-5.777E-02	-9.106E-03
201	3	254.50	3	-1.822E+04	2.785E+04	3.713E+03	5.987E-02	-1.034E+06	1.507E+07	-5.777E-02	-9.049E-03
201	3	254.50	4	-1.813E+04	2.785E+04	3.682E+03	5.986E-02	-1.047E+06	1.507E+07	-5.777E-02	-9.160E-03
201	3	254.50	5	2.690E+02	2.785E+04	3.920E+03	5.785E-02	-1.068E+06	1.507E+07	-5.777E-02	-9.339E-03
201	3	254.50	6	3.620E+02	2.785E+04	3.889E+03	5.784E-02	-1.080E+06	1.507E+07	-5.777E-02	-9.449E-03
201	3	254.50	7	-1.823E+04	2.785E+04	3.888E+03	5.785E-02	-1.074E+06	1.507E+07	-5.776E-02	-9.393E-03
201	3	254.50	8	-1.813E+04	2.785E+04	3.857E+03	5.784E-02	-1.086E+06	1.507E+07	-5.776E-02	-9.504E-03
201	3	254.50	9	1.256E+04	2.795E+04	-4.567E+03	-2.011E-02	9.472E+05	1.503E+07	-5.762E-02	8.286E-03
201	3	254.50	10	1.265E+04	2.795E+04	-4.598E+03	-2.011E-02	9.346E+05	1.503E+07	-5.762E-02	8.175E-03
201	3	254.50	11	-5.935E+03	2.794E+04	-4.598E+03	-2.011E-02	9.410E+05	1.503E+07	-5.762E-02	8.232E-03
201	3	254.50	12	-5.842E+03	2.794E+04	-4.630E+03	-2.011E-02	9.284E+05	1.503E+07	-5.762E-02	8.121E-03
201	3	254.50	13	1.256E+04	2.795E+04	-4.392E+03	-2.213E-02	9.079E+05	1.503E+07	-5.762E-02	7.942E-03
201	3	254.50	14	1.265E+04	2.795E+04	-4.423E+03	-2.213E-02	8.953E+05	1.503E+07	-5.762E-02	7.832E-03
201	3	254.50	15	-5.942E+03	2.794E+04	-4.423E+03	-2.213E-02	9.017E+05	1.503E+07	-5.761E-02	7.888E-03
201	3	254.50	16	-5.849E+03	2.794E+04	-4.455E+03	-2.213E-02	8.891E+05	1.503E+07	-5.761E-02	7.777E-03
201	4	381.75	1	2.776E+02	2.570E+04	3.745E+03	5.987E-02	-1.494E+06	1.848E+07	-4.664E-02	-7.758E-03
201	4	381.75	2	3.707E+02	2.570E+04	3.714E+03	5.986E-02	-1.503E+06	1.848E+07	-4.664E-02	-7.833E-03
201	4	381.75	3	-1.822E+04	2.569E+04	3.713E+03	5.987E-02	-1.496E+06	1.847E+07	-4.663E-02	-7.790E-03
201	4	381.75	4	-1.813E+04	2.569E+04	3.682E+03	5.986E-02	-1.505E+06	1.847E+07	-4.663E-02	-7.865E-03
201	4	381.75	5	2.711E+02	2.570E+04	3.920E+03	5.785E-02	-1.556E+06	1.848E+07	-4.664E-02	-8.065E-03
201	4	381.75	6	3.641E+02	2.570E+04	3.889E+03	5.784E-02	-1.565E+06	1.848E+07	-4.664E-02	-8.139E-03
201	4	381.75	7	-1.823E+04	2.569E+04	3.888E+03	5.785E-02	-1.558E+06	1.847E+07	-4.663E-02	-8.097E-03
201	4	381.75	8	-1.813E+04	2.569E+04	3.857E+03	5.784E-02	-1.567E+06	1.847E+07	-4.663E-02	-8.171E-03
201	4	381.75	9	1.256E+04	2.579E+04	-4.567E+03	-2.011E-02	1.518E+06	1.845E+07	-4.654E-02	7.455E-03
201	4	381.75	10	1.266E+04	2.579E+04	-4.598E+03	-2.011E-02	1.509E+06	1.845E+07	-4.654E-02	7.381E-03
201	4	381.75	11	-5.933E+03	2.579E+04	-4.598E+03	-2.011E-02	1.516E+06	1.845E+07	-4.653E-02	7.423E-03
201	4	381.75	12	-5.840E+03	2.579E+04	-4.630E+03	-2.011E-02	1.507E+06	1.845E+07	-4.653E-02	7.349E-03
201	4	381.75	13	1.256E+04	2.579E+04	-4.392E+03	-2.213E-02	1.456E+06	1.845E+07	-4.654E-02	7.149E-03
201	4	381.75	14	1.265E+04	2.579E+04	-4.423E+03	-2.213E-02	1.448E+06	1.845E+07	-4.654E-02	7.075E-03
201	4	381.75	15	-5.939E+03	2.579E+04	-4.423E+03	-2.213E-02	1.454E+06	1.845E+07	-4.653E-02	7.117E-03
201	4	381.75	16	-5.846E+03	2.579E+04	-4.455E+03	-2.213E-02	1.445E+06	1.845E+07	-4.653E-02	7.043E-03
201	5	509.00	1	2.798E+02	2.354E+04	3.745E+03	5.987E-02	-1.966E+06	2.161E+07	2.682E-09	1.003E-09
201	5	509.00	2	3.728E+02	2.354E+04	3.714E+03	5.986E-02	-1.970E+06	2.161E+07	2.682E-09	9.881E-10
201	5	509.00	3	-1.822E+04	2.354E+04	3.713E+03	5.987E-02	-1.964E+06	2.161E+07	2.684E-09	1.004E-09
201	5	509.00	4	-1.812E+04	2.354E+04	3.682E+03	5.986E-02	-1.969E+06	2.161E+07	2.684E-09	9.896E-10
201	5	509.00	5	2.732E+02	2.354E+04	3.920E+03	5.785E-02	-2.050E+06	2.161E+07	2.683E-09	9.754E-10
201	5	509.00	6	3.662E+02	2.354E+04	3.889E+03	5.784E-02	-2.054E+06	2.161E+07	2.683E-09	9.606E-10
201	5	509.00	7	-1.822E+04	2.354E+04	3.888E+03	5.785E-02	-2.048E+06	2.161E+07	2.685E-09	9.769E-10
201	5	509.00	8	-1.813E+04	2.354E+04	3.857E+03	5.784E-02	-2.052E+06	2.161E+07	2.685E-09	9.621E-10
201	5	509.00	9	1.257E+04	2.364E+04	-4.567E+03	-2.011E-02	2.094E+06	2.160E+07	2.716E-09	-1.041E-09
201	5	509.00	10	1.266E+04	2.364E+04	-4.598E+03	-2.011E-02	2.089E+06	2.160E+07	2.716E-09	-1.056E-09
201	5	509.00	11	-5.931E+03	2.363E+04	-4.598E+03	-2.011E-02	2.096E+06	2.159E+07	2.718E-09	-1.040E-09
201	5	509.00	12	-5.838E+03	2.363E+04	-4.630E+03	-2.011E-02	2.091E+06	2.159E+07	2.718E-09	-1.054E-09
201	5	509.00	13	1.256E+04	2.364E+04	-4.392E+03	-2.213E-02	2.010E+06	2.159E+07	2.717E-09	-1.069E-09
201	5	509.00	14	1.265E+04	2.364E+04	-4.423E+03	-2.213E-02	2.005E+06	2.159E+07	2.717E-09	-1.083E-09
201	5	509.00	15	-5.937E+03	2.364E+04	-4.423E+03	-2.213E-02	2.012E+06	2.159E+07	2.719E-09	-1.067E-09
201	5	509.00	16	-5.844E+03	2.364E+04	-4.455E+03	-2.213E-02	2.007E+06	2.159E+07	2.719E-09	-1.082E-09
202	1	0.00	1	1.264E+04	3.226E+04	4.423E+03	2.213E-02	-1.011E+05	7.369E+06	0.000E+00	0.000E+00
202	1	0.00	2	1.255E+04	3.226E+04	4.392E+03	2.213E-02	-1.217E+05	7.369E+06	0.000E+00	0.000E+00
202	1	0.00	3	-5.853E+03	3.225E+04	4.455E+03	2.213E-02	-8.685E+04	7.368E+06	0.000E+00	0.000E+00
202	1	0.00	4	-5.946E+03	3.225E+04	4.423E+03	2.213E-02	-1.074E+05	7.368E+06	0.000E+00	0.000E+00
202	1	0.00	5	1.265E+04	3.225E+04	4.598E+03	2.011E-02	-9.582E+04	7.371E+06	0.000E+00	0.000E+00
202	1	0.00	6	1.256E+04	3.225E+04	4.567E+03	2.011E-02	-1.164E+05	7.371E+06	0.000E+00	0.000E+00
202	1	0.00	7	-5.846E+03	3.225E+04	4.630E+03	2.011E-02	-8.158E+04	7.370E+06	0.000E+00	0.000E+00
202	1	0.00	8	-5.939E+03	3.225E+04	4.598E+03	2.011E-02	-1.021E+05	7.370E+06	0.000E+00	0.000E+00

202	1	0.00	9	3.578E+02	3.216E+04	-3.889E+03	-5.784E-02	4.220E+05	7.433E+06	0.000E+00	0.000E+00
202	1	0.00	10	2.647E+02	3.216E+04	-3.920E+03	-5.785E-02	4.014E+05	7.433E+06	0.000E+00	0.000E+00
202	1	0.00	11	-1.814E+04	3.216E+04	-3.857E+03	-5.784E-02	4.362E+05	7.432E+06	0.000E+00	0.000E+00
202	1	0.00	12	-1.823E+04	3.216E+04	-3.888E+03	-5.785E-02	4.157E+05	7.432E+06	0.000E+00	0.000E+00
202	1	0.00	13	3.643E+02	3.216E+04	-3.714E+03	-5.986E-02	4.272E+05	7.435E+06	0.000E+00	0.000E+00
202	1	0.00	14	2.713E+02	3.216E+04	-3.745E+03	-5.987E-02	4.067E+05	7.435E+06	0.000E+00	0.000E+00
202	1	0.00	15	-1.813E+04	3.215E+04	-3.682E+03	-5.986E-02	4.415E+05	7.433E+06	0.000E+00	0.000E+00
202	1	0.00	16	-1.823E+04	3.215E+04	-3.713E+03	-5.987E-02	4.209E+05	7.433E+06	0.000E+00	0.000E+00
202	2	127.25	1	1.265E+04	3.010E+04	4.423E+03	2.213E-02	-3.658E+05	1.134E+07	-3.976E-02	-4.685E-03
202	2	127.25	2	1.255E+04	3.010E+04	4.392E+03	2.213E-02	-3.824E+05	1.134E+07	-3.976E-02	-4.777E-03
202	2	127.25	3	-5.851E+03	3.010E+04	4.455E+03	2.213E-02	-3.556E+05	1.134E+07	-3.976E-02	-4.636E-03
202	2	127.25	4	-5.944E+03	3.010E+04	4.423E+03	2.213E-02	-3.722E+05	1.134E+07	-3.976E-02	-4.728E-03
202	2	127.25	5	1.265E+04	3.010E+04	4.598E+03	2.011E-02	-3.828E+05	1.134E+07	-3.977E-02	-4.894E-03
202	2	127.25	6	1.256E+04	3.010E+04	4.567E+03	2.011E-02	-3.995E+05	1.134E+07	-3.977E-02	-4.986E-03
202	2	127.25	7	-5.844E+03	3.010E+04	4.630E+03	2.011E-02	-3.726E+05	1.134E+07	-3.976E-02	-4.845E-03
202	2	127.25	8	-5.937E+03	3.010E+04	4.598E+03	2.011E-02	-3.892E+05	1.134E+07	-3.976E-02	-4.937E-03
202	2	127.25	9	3.599E+02	3.001E+04	-3.889E+03	-5.784E-02	6.187E+05	1.139E+07	-3.989E-02	6.047E-03
202	2	127.25	10	2.668E+02	3.001E+04	-3.920E+03	-5.785E-02	6.021E+05	1.139E+07	-3.989E-02	5.956E-03
202	2	127.25	11	-1.814E+04	3.000E+04	-3.857E+03	-5.784E-02	6.290E+05	1.139E+07	-3.988E-02	6.097E-03
202	2	127.25	12	-1.823E+04	3.000E+04	-3.888E+03	-5.785E-02	6.124E+05	1.139E+07	-3.988E-02	6.005E-03
202	2	127.25	13	3.664E+02	3.000E+04	-3.714E+03	-5.986E-02	6.017E+05	1.139E+07	-3.989E-02	5.838E-03
202	2	127.25	14	2.734E+02	3.000E+04	-3.745E+03	-5.987E-02	5.851E+05	1.139E+07	-3.989E-02	5.747E-03
202	2	127.25	15	-1.813E+04	3.000E+04	-3.682E+03	-5.986E-02	6.120E+05	1.139E+07	-3.988E-02	5.888E-03
202	2	127.25	16	-1.822E+04	3.000E+04	-3.713E+03	-5.987E-02	5.954E+05	1.139E+07	-3.988E-02	5.796E-03
202	3	254.50	1	1.265E+04	2.795E+04	4.423E+03	2.213E-02	-8.953E+05	1.503E+07	-5.762E-02	-7.832E-03
202	3	254.50	2	1.256E+04	2.795E+04	4.392E+03	2.213E-02	-9.079E+05	1.503E+07	-5.762E-02	-7.942E-03
202	3	254.50	3	-5.849E+03	2.794E+04	4.455E+03	2.213E-02	-8.891E+05	1.503E+07	-5.761E-02	-7.777E-03
202	3	254.50	4	-5.942E+03	2.794E+04	4.423E+03	2.213E-02	-9.017E+05	1.503E+07	-5.761E-02	-7.888E-03
202	3	254.50	5	1.265E+04	2.795E+04	4.598E+03	2.011E-02	-9.346E+05	1.503E+07	-5.762E-02	-8.175E-03
202	3	254.50	6	1.256E+04	2.795E+04	4.567E+03	2.011E-02	-9.472E+05	1.503E+07	-5.762E-02	-8.286E-03
202	3	254.50	7	-5.842E+03	2.794E+04	4.630E+03	2.011E-02	-9.284E+05	1.503E+07	-5.762E-02	-8.121E-03
202	3	254.50	8	-5.935E+03	2.794E+04	4.598E+03	2.011E-02	-9.410E+05	1.503E+07	-5.762E-02	-8.232E-03
202	3	254.50	9	3.620E+02	2.785E+04	-3.889E+03	-5.784E-02	1.080E+06	1.507E+07	-5.777E-02	9.449E-03
202	3	254.50	10	2.690E+02	2.785E+04	-3.920E+03	-5.785E-02	1.068E+06	1.507E+07	-5.777E-02	9.339E-03
202	3	254.50	11	-1.813E+04	2.785E+04	-3.857E+03	-5.784E-02	1.086E+06	1.507E+07	-5.776E-02	9.504E-03
202	3	254.50	12	-1.823E+04	2.785E+04	-3.888E+03	-5.785E-02	1.074E+06	1.507E+07	-5.776E-02	9.393E-03
202	3	254.50	13	3.686E+02	2.785E+04	-3.714E+03	-5.986E-02	1.041E+06	1.507E+07	-5.777E-02	9.106E-03
202	3	254.50	14	2.755E+02	2.785E+04	-3.745E+03	-5.987E-02	1.028E+06	1.507E+07	-5.777E-02	8.995E-03
202	3	254.50	15	-1.813E+04	2.785E+04	-3.682E+03	-5.986E-02	1.047E+06	1.507E+07	-5.777E-02	9.160E-03
202	3	254.50	16	-1.822E+04	2.785E+04	-3.713E+03	-5.987E-02	1.034E+06	1.507E+07	-5.777E-02	9.049E-03
202	4	381.75	1	1.265E+04	2.579E+04	4.423E+03	2.213E-02	-1.448E+06	1.845E+07	-4.654E-02	-7.075E-03
202	4	381.75	2	1.256E+04	2.579E+04	4.392E+03	2.213E-02	-1.456E+06	1.845E+07	-4.654E-02	-7.149E-03
202	4	381.75	3	-5.846E+03	2.579E+04	4.455E+03	2.213E-02	-1.445E+06	1.845E+07	-4.653E-02	-7.043E-03
202	4	381.75	4	-5.939E+03	2.579E+04	4.423E+03	2.213E-02	-1.454E+06	1.845E+07	-4.653E-02	-7.117E-03
202	4	381.75	5	1.266E+04	2.579E+04	4.598E+03	2.011E-02	-1.509E+06	1.845E+07	-4.654E-02	-7.381E-03
202	4	381.75	6	1.256E+04	2.579E+04	4.567E+03	2.011E-02	-1.518E+06	1.845E+07	-4.654E-02	-7.455E-03
202	4	381.75	7	-5.840E+03	2.579E+04	4.630E+03	2.011E-02	-1.507E+06	1.845E+07	-4.653E-02	-7.349E-03
202	4	381.75	8	-5.933E+03	2.579E+04	4.598E+03	2.011E-02	-1.516E+06	1.845E+07	-4.653E-02	-7.423E-03
202	4	381.75	9	3.641E+02	2.570E+04	-3.889E+03	-5.784E-02	1.565E+06	1.848E+07	-4.664E-02	8.139E-03
202	4	381.75	10	2.711E+02	2.570E+04	-3.920E+03	-5.785E-02	1.556E+06	1.848E+07	-4.664E-02	8.065E-03
202	4	381.75	11	-1.813E+04	2.569E+04	-3.857E+03	-5.784E-02	1.567E+06	1.847E+07	-4.663E-02	8.171E-03
202	4	381.75	12	-1.823E+04	2.569E+04	-3.888E+03	-5.785E-02	1.558E+06	1.847E+07	-4.663E-02	8.097E-03
202	4	381.75	13	3.707E+02	2.570E+04	-3.714E+03	-5.986E-02	1.503E+06	1.848E+07	-4.664E-02	7.833E-03
202	4	381.75	14	2.776E+02	2.570E+04	-3.745E+03	-5.987E-02	1.494E+06	1.848E+07	-4.664E-02	7.758E-03
202	4	381.75	15	-1.813E+04	2.569E+04	-3.682E+03	-5.986E-02	1.505E+06	1.847E+07	-4.663E-02	7.865E-03
202	4	381.75	16	-1.822E+04	2.569E+04	-3.713E+03	-5.987E-02	1.496E+06	1.847E+07	-4.663E-02	7.790E-03
202	5	509.00	1	1.265E+04	2.364E+04	4.423E+03	2.213E-02	-2.005E+06	2.159E+07	2.717E-09	1.083E-09
202	5	509.00	2	1.256E+04	2.364E+04	4.392E+03	2.213E-02	-2.010E+06	2.159E+07	2.717E-09	1.069E-09
202	5	509.00	3	-5.844E+03	2.364E+04	4.455E+03	2.213E-02	-2.007E+06	2.159E+07	2.719E-09	1.082E-09
202	5	509.00	4	-5.937E+03	2.364E+04	4.423E+03	2.213E-02	-2.012E+06	2.159E+07	2.719E-09	1.067E-09
202	5	509.00	5	1.266E+04	2.364E+04	4.598E+03	2.011E-02	-2.089E+06	2.160E+07	2.716E-09	1.056E-09
202	5	509.00	6	1.257E+04	2.364E+04	4.567E+03	2.011E-02	-2.094E+06	2.160E+07	2.716E-09	1.041E-09

202	5	509.00	7	-5.838E+03	2.363E+04	4.630E+03	2.011E-02	-2.091E+06	2.159E+07	2.718E-09	1.054E-09
202	5	509.00	8	-5.931E+03	2.363E+04	4.598E+03	2.011E-02	-2.096E+06	2.159E+07	2.718E-09	1.040E-09
202	5	509.00	9	3.662E+02	2.354E+04	-3.889E+03	-5.784E-02	2.054E+06	2.161E+07	2.683E-09	-9.606E-10
202	5	509.00	10	2.732E+02	2.354E+04	-3.920E+03	-5.785E-02	2.050E+06	2.161E+07	2.683E-09	-9.754E-10
202	5	509.00	11	-1.813E+04	2.354E+04	-3.857E+03	-5.784E-02	2.052E+06	2.161E+07	2.685E-09	-9.621E-10
202	5	509.00	12	-1.822E+04	2.354E+04	-3.888E+03	-5.785E-02	2.048E+06	2.161E+07	2.685E-09	-9.769E-10
202	5	509.00	13	3.728E+02	2.354E+04	-3.714E+03	-5.986E-02	1.970E+06	2.161E+07	2.682E-09	-9.881E-10
202	5	509.00	14	2.798E+02	2.354E+04	-3.745E+03	-5.987E-02	1.966E+06	2.161E+07	2.682E-09	-1.003E-09
202	5	509.00	15	-1.812E+04	2.354E+04	-3.682E+03	-5.986E-02	1.969E+06	2.161E+07	2.684E-09	-9.896E-10
202	5	509.00	16	-1.822E+04	2.354E+04	-3.713E+03	-5.987E-02	1.964E+06	2.161E+07	2.684E-09	-1.004E-09
203	1	0.00	1	-9.818E+02	1.394E+04	1.760E+03	5.103E-02	-1.789E+06	2.162E+07	0.000E+00	0.000E+00
203	1	0.00	2	-9.412E+02	1.394E+04	1.729E+03	5.103E-02	-1.801E+06	2.162E+07	0.000E+00	0.000E+00
203	1	0.00	3	-1.708E+04	1.394E+04	1.763E+03	5.103E-02	-1.787E+06	2.162E+07	0.000E+00	0.000E+00
203	1	0.00	4	-1.704E+04	1.394E+04	1.732E+03	5.103E-02	-1.799E+06	2.162E+07	0.000E+00	0.000E+00
203	1	0.00	5	-1.052E+03	1.394E+04	1.820E+03	4.898E-02	-1.863E+06	2.162E+07	0.000E+00	0.000E+00
203	1	0.00	6	-1.012E+03	1.394E+04	1.789E+03	4.898E-02	-1.875E+06	2.162E+07	0.000E+00	0.000E+00
203	1	0.00	7	-1.715E+04	1.394E+04	1.824E+03	4.898E-02	-1.861E+06	2.162E+07	0.000E+00	0.000E+00
203	1	0.00	8	-1.711E+04	1.394E+04	1.793E+03	4.898E-02	-1.873E+06	2.162E+07	0.000E+00	0.000E+00
203	1	0.00	9	1.156E+04	1.404E+04	-1.703E+03	-3.014E-02	1.914E+06	2.158E+07	0.000E+00	0.000E+00
203	1	0.00	10	1.160E+04	1.404E+04	-1.734E+03	-3.014E-02	1.902E+06	2.158E+07	0.000E+00	0.000E+00
203	1	0.00	11	-4.534E+03	1.403E+04	-1.699E+03	-3.014E-02	1.916E+06	2.158E+07	0.000E+00	0.000E+00
203	1	0.00	12	-4.493E+03	1.403E+04	-1.730E+03	-3.014E-02	1.904E+06	2.158E+07	0.000E+00	0.000E+00
203	1	0.00	13	1.149E+04	1.404E+04	-1.642E+03	-3.219E-02	1.840E+06	2.158E+07	0.000E+00	0.000E+00
203	1	0.00	14	1.153E+04	1.404E+04	-1.673E+03	-3.219E-02	1.828E+06	2.158E+07	0.000E+00	0.000E+00
203	1	0.00	15	-4.604E+03	1.404E+04	-1.639E+03	-3.219E-02	1.841E+06	2.158E+07	0.000E+00	0.000E+00
203	1	0.00	16	-4.564E+03	1.404E+04	-1.670E+03	-3.219E-02	1.829E+06	2.158E+07	0.000E+00	0.000E+00
203	2	127.50	1	-9.797E+02	1.178E+04	1.760E+03	5.103E-02	-1.995E+06	2.326E+07	-6.966E-02	-1.406E-02
203	2	127.50	2	-9.391E+02	1.178E+04	1.729E+03	5.103E-02	-2.003E+06	2.326E+07	-6.966E-02	-1.409E-02
203	2	127.50	3	-1.708E+04	1.178E+04	1.763E+03	5.103E-02	-1.993E+06	2.326E+07	-6.965E-02	-1.405E-02
203	2	127.50	4	-1.704E+04	1.178E+04	1.732E+03	5.103E-02	-2.001E+06	2.326E+07	-6.965E-02	-1.409E-02
203	2	127.50	5	-1.050E+03	1.178E+04	1.820E+03	4.898E-02	-2.077E+06	2.326E+07	-6.966E-02	-1.463E-02
203	2	127.50	6	-1.010E+03	1.178E+04	1.789E+03	4.898E-02	-2.085E+06	2.326E+07	-6.966E-02	-1.466E-02
203	2	127.50	7	-1.715E+04	1.178E+04	1.824E+03	4.898E-02	-2.075E+06	2.326E+07	-6.965E-02	-1.462E-02
203	2	127.50	8	-1.711E+04	1.178E+04	1.793E+03	4.898E-02	-2.083E+06	2.326E+07	-6.965E-02	-1.466E-02
203	2	127.50	9	1.157E+04	1.188E+04	-1.703E+03	-3.014E-02	2.113E+06	2.324E+07	-6.961E-02	1.480E-02
203	2	127.50	10	1.161E+04	1.188E+04	-1.734E+03	-3.014E-02	2.105E+06	2.324E+07	-6.961E-02	1.477E-02
203	2	127.50	11	-4.532E+03	1.188E+04	-1.699E+03	-3.014E-02	2.114E+06	2.323E+07	-6.961E-02	1.481E-02
203	2	127.50	12	-4.491E+03	1.188E+04	-1.730E+03	-3.014E-02	2.106E+06	2.323E+07	-6.961E-02	1.477E-02
203	2	127.50	13	1.150E+04	1.188E+04	-1.642E+03	-3.219E-02	2.031E+06	2.324E+07	-6.961E-02	1.423E-02
203	2	127.50	14	1.154E+04	1.188E+04	-1.673E+03	-3.219E-02	2.023E+06	2.324E+07	-6.961E-02	1.419E-02
203	2	127.50	15	-4.602E+03	1.188E+04	-1.639E+03	-3.219E-02	2.032E+06	2.323E+07	-6.960E-02	1.424E-02
203	2	127.50	16	-4.562E+03	1.188E+04	-1.670E+03	-3.219E-02	2.024E+06	2.323E+07	-6.960E-02	1.420E-02
203	3	255.00	1	-9.776E+02	9.623E+03	1.760E+03	5.103E-02	-2.204E+06	2.463E+07	-9.454E-02	-1.936E-02
203	3	255.00	2	-9.370E+02	9.623E+03	1.729E+03	5.103E-02	-2.208E+06	2.463E+07	-9.454E-02	-1.939E-02
203	3	255.00	3	-1.708E+04	9.622E+03	1.763E+03	5.103E-02	-2.203E+06	2.462E+07	-9.452E-02	-1.935E-02
203	3	255.00	4	-1.704E+04	9.622E+03	1.732E+03	5.103E-02	-2.207E+06	2.462E+07	-9.452E-02	-1.939E-02
203	3	255.00	5	-1.048E+03	9.626E+03	1.820E+03	4.898E-02	-2.294E+06	2.463E+07	-9.454E-02	-2.014E-02
203	3	255.00	6	-1.007E+03	9.626E+03	1.789E+03	4.898E-02	-2.298E+06	2.463E+07	-9.454E-02	-2.018E-02
203	3	255.00	7	-1.715E+04	9.625E+03	1.824E+03	4.898E-02	-2.293E+06	2.462E+07	-9.452E-02	-2.014E-02
203	3	255.00	8	-1.711E+04	9.625E+03	1.793E+03	4.898E-02	-2.297E+06	2.462E+07	-9.452E-02	-2.017E-02
203	3	255.00	9	1.157E+04	9.719E+03	-1.703E+03	-3.014E-02	2.315E+06	2.461E+07	-9.449E-02	2.033E-02
203	3	255.00	10	1.161E+04	9.719E+03	-1.734E+03	-3.014E-02	2.311E+06	2.461E+07	-9.449E-02	2.029E-02
203	3	255.00	11	-4.530E+03	9.718E+03	-1.699E+03	-3.014E-02	2.316E+06	2.461E+07	-9.447E-02	2.034E-02
203	3	255.00	12	-4.489E+03	9.718E+03	-1.730E+03	-3.014E-02	2.312E+06	2.461E+07	-9.447E-02	2.030E-02
203	3	255.00	13	1.150E+04	9.722E+03	-1.642E+03	-3.219E-02	2.225E+06	2.461E+07	-9.449E-02	1.954E-02
203	3	255.00	14	1.154E+04	9.722E+03	-1.673E+03	-3.219E-02	2.221E+06	2.461E+07	-9.449E-02	1.951E-02
203	3	255.00	15	-4.600E+03	9.721E+03	-1.639E+03	-3.219E-02	2.226E+06	2.461E+07	-9.447E-02	1.955E-02
203	3	255.00	16	-4.560E+03	9.721E+03	-1.670E+03	-3.219E-02	2.222E+06	2.461E+07	-9.447E-02	1.952E-02
203	4	382.50	1	-9.755E+02	7.465E+03	1.760E+03	5.103E-02	-2.416E+06	2.572E+07	-7.201E-02	-1.498E-02
203	4	382.50	2	-9.348E+02	7.465E+03	1.729E+03	5.103E-02	-2.417E+06	2.572E+07	-7.201E-02	-1.500E-02
203	4	382.50	3	-1.707E+04	7.464E+03	1.763E+03	5.103E-02	-2.416E+06	2.571E+07	-7.200E-02	-1.498E-02
203	4	382.50	4	-1.703E+04	7.464E+03	1.732E+03	5.103E-02	-2.416E+06	2.571E+07	-7.200E-02	-1.500E-02

203	4	382.50	5	-1.046E+03	7.468E+03	1.820E+03	4.898E-02	-2.514E+06	2.572E+07	-7.201E-02	-1.559E-02
203	4	382.50	6	-1.005E+03	7.468E+03	1.789E+03	4.898E-02	-2.514E+06	2.572E+07	-7.201E-02	-1.561E-02
203	4	382.50	7	-1.714E+04	7.467E+03	1.824E+03	4.898E-02	-2.513E+06	2.571E+07	-7.200E-02	-1.558E-02
203	4	382.50	8	-1.710E+04	7.467E+03	1.793E+03	4.898E-02	-2.513E+06	2.571E+07	-7.200E-02	-1.560E-02
203	4	382.50	9	1.157E+04	7.561E+03	-1.703E+03	-3.014E-02	2.520E+06	2.571E+07	-7.198E-02	1.570E-02
203	4	382.50	10	1.161E+04	7.561E+03	-1.734E+03	-3.014E-02	2.520E+06	2.571E+07	-7.198E-02	1.568E-02
203	4	382.50	11	-4.528E+03	7.560E+03	-1.699E+03	-3.014E-02	2.520E+06	2.571E+07	-7.197E-02	1.570E-02
203	4	382.50	12	-4.487E+03	7.560E+03	-1.730E+03	-3.014E-02	2.520E+06	2.571E+07	-7.197E-02	1.568E-02
203	4	382.50	13	1.150E+04	7.564E+03	-1.642E+03	-3.219E-02	2.423E+06	2.571E+07	-7.198E-02	1.509E-02
203	4	382.50	14	1.154E+04	7.564E+03	-1.673E+03	-3.219E-02	2.422E+06	2.571E+07	-7.198E-02	1.507E-02
203	4	382.50	15	-4.598E+03	7.563E+03	-1.639E+03	-3.219E-02	2.423E+06	2.571E+07	-7.197E-02	1.509E-02
203	4	382.50	16	-4.557E+03	7.563E+03	-1.670E+03	-3.219E-02	2.423E+06	2.571E+07	-7.197E-02	1.508E-02
203	5	510.00	1	-9.733E+02	5.307E+03	1.760E+03	5.103E-02	-2.631E+06	2.653E+07	-1.006E-08	-2.476E-09
203	5	510.00	2	-9.327E+02	5.307E+03	1.729E+03	5.103E-02	-2.627E+06	2.653E+07	-1.006E-08	-2.472E-09
203	5	510.00	3	-1.707E+04	5.306E+03	1.763E+03	5.103E-02	-2.631E+06	2.653E+07	-1.007E-08	-2.474E-09
203	5	510.00	4	-1.703E+04	5.306E+03	1.732E+03	5.103E-02	-2.627E+06	2.653E+07	-1.007E-08	-2.470E-09
203	5	510.00	5	-1.044E+03	5.309E+03	1.820E+03	4.898E-02	-2.735E+06	2.653E+07	-1.006E-08	-2.390E-09
203	5	510.00	6	-1.003E+03	5.309E+03	1.789E+03	4.898E-02	-2.732E+06	2.653E+07	-1.006E-08	-2.385E-09
203	5	510.00	7	-1.714E+04	5.308E+03	1.824E+03	4.898E-02	-2.736E+06	2.653E+07	-1.007E-08	-2.388E-09
203	5	510.00	8	-1.710E+04	5.308E+03	1.793E+03	4.898E-02	-2.732E+06	2.653E+07	-1.007E-08	-2.383E-09
203	5	510.00	9	1.157E+04	5.403E+03	-1.703E+03	-3.014E-02	2.727E+06	2.654E+07	-1.004E-08	2.374E-09
203	5	510.00	10	1.161E+04	5.403E+03	-1.734E+03	-3.014E-02	2.730E+06	2.654E+07	-1.004E-08	2.378E-09
203	5	510.00	11	-4.526E+03	5.402E+03	-1.699E+03	-3.014E-02	2.727E+06	2.654E+07	-1.004E-08	2.376E-09
203	5	510.00	12	-4.485E+03	5.402E+03	-1.730E+03	-3.014E-02	2.730E+06	2.654E+07	-1.004E-08	2.380E-09
203	5	510.00	13	1.150E+04	5.405E+03	-1.642E+03	-3.219E-02	2.622E+06	2.654E+07	-1.004E-08	2.461E-09
203	5	510.00	14	1.154E+04	5.405E+03	-1.673E+03	-3.219E-02	2.626E+06	2.654E+07	-1.004E-08	2.465E-09
203	5	510.00	15	-4.596E+03	5.404E+03	-1.639E+03	-3.219E-02	2.622E+06	2.654E+07	-1.004E-08	2.462E-09
203	5	510.00	16	-4.555E+03	5.404E+03	-1.670E+03	-3.219E-02	2.625E+06	2.654E+07	-1.004E-08	2.467E-09
204	1	0.00	1	1.153E+04	1.404E+04	1.673E+03	3.219E-02	-1.828E+06	2.158E+07	0.000E+00	0.000E+00
204	1	0.00	2	1.149E+04	1.404E+04	1.642E+03	3.219E-02	-1.840E+06	2.158E+07	0.000E+00	0.000E+00
204	1	0.00	3	-4.564E+03	1.404E+04	1.670E+03	3.219E-02	-1.829E+06	2.158E+07	0.000E+00	0.000E+00
204	1	0.00	4	-4.604E+03	1.404E+04	1.639E+03	3.219E-02	-1.841E+06	2.158E+07	0.000E+00	0.000E+00
204	1	0.00	5	1.160E+04	1.404E+04	1.734E+03	3.014E-02	-1.902E+06	2.158E+07	0.000E+00	0.000E+00
204	1	0.00	6	1.156E+04	1.404E+04	1.703E+03	3.014E-02	-1.914E+06	2.158E+07	0.000E+00	0.000E+00
204	1	0.00	7	-4.493E+03	1.403E+04	1.730E+03	3.014E-02	-1.904E+06	2.158E+07	0.000E+00	0.000E+00
204	1	0.00	8	-4.534E+03	1.403E+04	1.699E+03	3.014E-02	-1.916E+06	2.158E+07	0.000E+00	0.000E+00
204	1	0.00	9	-1.012E+03	1.394E+04	-1.789E+03	-4.898E-02	1.875E+06	2.162E+07	0.000E+00	0.000E+00
204	1	0.00	10	-1.052E+03	1.394E+04	-1.820E+03	-4.898E-02	1.863E+06	2.162E+07	0.000E+00	0.000E+00
204	1	0.00	11	-1.711E+04	1.394E+04	-1.793E+03	-4.898E-02	1.873E+06	2.162E+07	0.000E+00	0.000E+00
204	1	0.00	12	-1.715E+04	1.394E+04	-1.824E+03	-4.898E-02	1.861E+06	2.162E+07	0.000E+00	0.000E+00
204	1	0.00	13	-9.412E+02	1.394E+04	-1.729E+03	-5.103E-02	1.801E+06	2.162E+07	0.000E+00	0.000E+00
204	1	0.00	14	-9.818E+02	1.394E+04	-1.760E+03	-5.103E-02	1.789E+06	2.162E+07	0.000E+00	0.000E+00
204	1	0.00	15	-1.704E+04	1.394E+04	-1.732E+03	-5.103E-02	1.799E+06	2.162E+07	0.000E+00	0.000E+00
204	1	0.00	16	-1.708E+04	1.394E+04	-1.763E+03	-5.103E-02	1.787E+06	2.162E+07	0.000E+00	0.000E+00
204	2	127.50	1	1.154E+04	1.188E+04	1.673E+03	3.219E-02	-2.023E+06	2.324E+07	-6.961E-02	-1.419E-02
204	2	127.50	2	1.150E+04	1.188E+04	1.642E+03	3.219E-02	-2.031E+06	2.324E+07	-6.961E-02	-1.423E-02
204	2	127.50	3	-4.562E+03	1.188E+04	1.670E+03	3.219E-02	-2.024E+06	2.323E+07	-6.960E-02	-1.420E-02
204	2	127.50	4	-4.602E+03	1.188E+04	1.639E+03	3.219E-02	-2.032E+06	2.323E+07	-6.960E-02	-1.424E-02
204	2	127.50	5	1.161E+04	1.188E+04	1.734E+03	3.014E-02	-2.105E+06	2.324E+07	-6.961E-02	-1.477E-02
204	2	127.50	6	1.157E+04	1.188E+04	1.703E+03	3.014E-02	-2.113E+06	2.324E+07	-6.961E-02	-1.480E-02
204	2	127.50	7	-4.491E+03	1.188E+04	1.730E+03	3.014E-02	-2.106E+06	2.323E+07	-6.961E-02	-1.477E-02
204	2	127.50	8	-4.532E+03	1.188E+04	1.699E+03	3.014E-02	-2.114E+06	2.323E+07	-6.961E-02	-1.481E-02
204	2	127.50	9	-1.010E+03	1.178E+04	-1.789E+03	-4.898E-02	2.085E+06	2.326E+07	-6.966E-02	1.466E-02
204	2	127.50	10	-1.050E+03	1.178E+04	-1.820E+03	-4.898E-02	2.077E+06	2.326E+07	-6.966E-02	1.463E-02
204	2	127.50	11	-1.711E+04	1.178E+04	-1.793E+03	-4.898E-02	2.083E+06	2.326E+07	-6.965E-02	1.466E-02
204	2	127.50	12	-1.715E+04	1.178E+04	-1.824E+03	-4.898E-02	2.075E+06	2.326E+07	-6.965E-02	1.462E-02
204	2	127.50	13	-9.391E+02	1.178E+04	-1.729E+03	-5.103E-02	2.003E+06	2.326E+07	-6.966E-02	1.409E-02
204	2	127.50	14	-9.797E+02	1.178E+04	-1.760E+03	-5.103E-02	1.995E+06	2.326E+07	-6.966E-02	1.406E-02
204	2	127.50	15	-1.704E+04	1.178E+04	-1.732E+03	-5.103E-02	2.001E+06	2.326E+07	-6.965E-02	1.409E-02
204	2	127.50	16	-1.708E+04	1.178E+04	-1.763E+03	-5.103E-02	1.993E+06	2.326E+07	-6.965E-02	1.405E-02
204	3	255.00	1	1.154E+04	9.722E+03	1.673E+03	3.219E-02	-2.221E+06	2.461E+07	-9.449E-02	-1.951E-02
204	3	255.00	2	1.150E+04	9.722E+03	1.642E+03	3.219E-02	-2.225E+06	2.461E+07	-9.449E-02	-1.954E-02

204	3	255.00	3	-4.560E+03	9.721E+03	1.670E+03	3.219E-02	-2.222E+06	2.461E+07	-9.447E-02	-1.952E-02
204	3	255.00	4	-4.600E+03	9.721E+03	1.639E+03	3.219E-02	-2.226E+06	2.461E+07	-9.447E-02	-1.955E-02
204	3	255.00	5	1.161E+04	9.719E+03	1.734E+03	3.014E-02	-2.311E+06	2.461E+07	-9.449E-02	-2.029E-02
204	3	255.00	6	1.157E+04	9.719E+03	1.703E+03	3.014E-02	-2.315E+06	2.461E+07	-9.449E-02	-2.033E-02
204	3	255.00	7	-4.489E+03	9.718E+03	1.730E+03	3.014E-02	-2.312E+06	2.461E+07	-9.447E-02	-2.030E-02
204	3	255.00	8	-4.530E+03	9.718E+03	1.699E+03	3.014E-02	-2.316E+06	2.461E+07	-9.447E-02	-2.034E-02
204	3	255.00	9	-1.007E+03	9.626E+03	-1.789E+03	-4.898E-02	2.298E+06	2.463E+07	-9.454E-02	2.018E-02
204	3	255.00	10	-1.048E+03	9.626E+03	-1.820E+03	-4.898E-02	2.294E+06	2.463E+07	-9.454E-02	2.014E-02
204	3	255.00	11	-1.711E+04	9.625E+03	-1.793E+03	-4.898E-02	2.297E+06	2.462E+07	-9.452E-02	2.017E-02
204	3	255.00	12	-1.715E+04	9.625E+03	-1.824E+03	-4.898E-02	2.293E+06	2.462E+07	-9.452E-02	2.014E-02
204	3	255.00	13	-9.370E+02	9.623E+03	-1.729E+03	-5.103E-02	2.208E+06	2.463E+07	-9.454E-02	1.939E-02
204	3	255.00	14	-9.776E+02	9.623E+03	-1.760E+03	-5.103E-02	2.204E+06	2.463E+07	-9.454E-02	1.936E-02
204	3	255.00	15	-1.704E+04	9.622E+03	-1.732E+03	-5.103E-02	2.207E+06	2.462E+07	-9.452E-02	1.939E-02
204	3	255.00	16	-1.708E+04	9.622E+03	-1.763E+03	-5.103E-02	2.203E+06	2.462E+07	-9.452E-02	1.935E-02
204	4	382.50	1	1.154E+04	7.564E+03	1.673E+03	3.219E-02	-2.422E+06	2.571E+07	-7.198E-02	-1.507E-02
204	4	382.50	2	1.150E+04	7.564E+03	1.642E+03	3.219E-02	-2.423E+06	2.571E+07	-7.198E-02	-1.509E-02
204	4	382.50	3	-4.557E+03	7.563E+03	1.670E+03	3.219E-02	-2.423E+06	2.571E+07	-7.197E-02	-1.508E-02
204	4	382.50	4	-4.598E+03	7.563E+03	1.639E+03	3.219E-02	-2.423E+06	2.571E+07	-7.197E-02	-1.509E-02
204	4	382.50	5	1.161E+04	7.561E+03	1.734E+03	3.014E-02	-2.520E+06	2.571E+07	-7.198E-02	-1.568E-02
204	4	382.50	6	1.157E+04	7.561E+03	1.703E+03	3.014E-02	-2.520E+06	2.571E+07	-7.198E-02	-1.570E-02
204	4	382.50	7	-4.487E+03	7.560E+03	1.730E+03	3.014E-02	-2.520E+06	2.571E+07	-7.197E-02	-1.568E-02
204	4	382.50	8	-4.528E+03	7.560E+03	1.699E+03	3.014E-02	-2.520E+06	2.571E+07	-7.197E-02	-1.570E-02
204	4	382.50	9	-1.005E+03	7.468E+03	-1.789E+03	-4.898E-02	2.514E+06	2.572E+07	-7.201E-02	1.561E-02
204	4	382.50	10	-1.046E+03	7.468E+03	-1.820E+03	-4.898E-02	2.514E+06	2.572E+07	-7.201E-02	1.559E-02
204	4	382.50	11	-1.710E+04	7.467E+03	-1.793E+03	-4.898E-02	2.513E+06	2.571E+07	-7.200E-02	1.560E-02
204	4	382.50	12	-1.714E+04	7.467E+03	-1.824E+03	-4.898E-02	2.513E+06	2.571E+07	-7.200E-02	1.558E-02
204	4	382.50	13	-9.348E+02	7.465E+03	-1.729E+03	-5.103E-02	2.417E+06	2.572E+07	-7.201E-02	1.500E-02
204	4	382.50	14	-9.755E+02	7.465E+03	-1.760E+03	-5.103E-02	2.416E+06	2.572E+07	-7.201E-02	1.498E-02
204	4	382.50	15	-1.703E+04	7.464E+03	-1.732E+03	-5.103E-02	2.416E+06	2.571E+07	-7.200E-02	1.500E-02
204	4	382.50	16	-1.707E+04	7.464E+03	-1.763E+03	-5.103E-02	2.416E+06	2.571E+07	-7.200E-02	1.498E-02
204	5	510.00	1	1.154E+04	5.405E+03	1.673E+03	3.219E-02	-2.626E+06	2.654E+07	-1.004E-08	-2.465E-09
204	5	510.00	2	1.150E+04	5.405E+03	1.642E+03	3.219E-02	-2.622E+06	2.654E+07	-1.004E-08	-2.461E-09
204	5	510.00	3	-4.555E+03	5.404E+03	1.670E+03	3.219E-02	-2.625E+06	2.654E+07	-1.004E-08	-2.467E-09
204	5	510.00	4	-4.596E+03	5.404E+03	1.639E+03	3.219E-02	-2.622E+06	2.654E+07	-1.004E-08	-2.462E-09
204	5	510.00	5	1.161E+04	5.403E+03	1.734E+03	3.014E-02	-2.730E+06	2.654E+07	-1.004E-08	-2.378E-09
204	5	510.00	6	1.157E+04	5.403E+03	1.703E+03	3.014E-02	-2.727E+06	2.654E+07	-1.004E-08	-2.374E-09
204	5	510.00	7	-4.485E+03	5.402E+03	1.730E+03	3.014E-02	-2.730E+06	2.654E+07	-1.004E-08	-2.380E-09
204	5	510.00	8	-4.526E+03	5.402E+03	1.699E+03	3.014E-02	-2.727E+06	2.654E+07	-1.004E-08	-2.376E-09
204	5	510.00	9	-1.003E+03	5.309E+03	-1.789E+03	-4.898E-02	2.732E+06	2.653E+07	-1.006E-08	2.385E-09
204	5	510.00	10	-1.044E+03	5.309E+03	-1.820E+03	-4.898E-02	2.735E+06	2.653E+07	-1.006E-08	2.390E-09
204	5	510.00	11	-1.710E+04	5.308E+03	-1.793E+03	-4.898E-02	2.732E+06	2.653E+07	-1.007E-08	2.383E-09
204	5	510.00	12	-1.714E+04	5.308E+03	-1.824E+03	-4.898E-02	2.736E+06	2.653E+07	-1.007E-08	2.388E-09
204	5	510.00	13	-9.327E+02	5.307E+03	-1.729E+03	-5.103E-02	2.627E+06	2.653E+07	-1.006E-08	2.472E-09
204	5	510.00	14	-9.733E+02	5.307E+03	-1.760E+03	-5.103E-02	2.631E+06	2.653E+07	-1.006E-08	2.476E-09
204	5	510.00	15	-1.703E+04	5.306E+03	-1.732E+03	-5.103E-02	2.627E+06	2.653E+07	-1.007E-08	2.470E-09
204	5	510.00	16	-1.707E+04	5.306E+03	-1.763E+03	-5.103E-02	2.631E+06	2.653E+07	-1.007E-08	2.474E-09
205	1	0.00	1	-2.239E+03	-5.405E+03	-1.431E+03	3.220E-02	-2.597E+06	2.654E+07	0.000E+00	0.000E+00
205	1	0.00	2	-2.255E+03	-5.405E+03	-1.462E+03	3.220E-02	-2.601E+06	2.654E+07	0.000E+00	0.000E+00
205	1	0.00	3	-1.576E+04	-5.404E+03	-1.430E+03	3.220E-02	-2.597E+06	2.654E+07	0.000E+00	0.000E+00
205	1	0.00	4	-1.578E+04	-5.404E+03	-1.461E+03	3.220E-02	-2.601E+06	2.654E+07	0.000E+00	0.000E+00
205	1	0.00	5	-2.333E+03	-5.403E+03	-1.478E+03	3.015E-02	-2.699E+06	2.654E+07	0.000E+00	0.000E+00
205	1	0.00	6	-2.349E+03	-5.403E+03	-1.509E+03	3.015E-02	-2.702E+06	2.654E+07	0.000E+00	0.000E+00
205	1	0.00	7	-1.585E+04	-5.401E+03	-1.477E+03	3.015E-02	-2.699E+06	2.654E+07	0.000E+00	0.000E+00
205	1	0.00	8	-1.587E+04	-5.402E+03	-1.509E+03	3.015E-02	-2.702E+06	2.654E+07	0.000E+00	0.000E+00
205	1	0.00	9	1.036E+04	-5.309E+03	1.418E+03	-4.899E-02	2.697E+06	2.653E+07	0.000E+00	0.000E+00
205	1	0.00	10	1.035E+04	-5.310E+03	1.387E+03	-4.898E-02	2.694E+06	2.653E+07	0.000E+00	0.000E+00
205	1	0.00	11	-3.159E+03	-5.308E+03	1.419E+03	-4.899E-02	2.697E+06	2.653E+07	0.000E+00	0.000E+00
205	1	0.00	12	-3.174E+03	-5.308E+03	1.388E+03	-4.898E-02	2.693E+06	2.653E+07	0.000E+00	0.000E+00
205	1	0.00	13	1.027E+04	-5.307E+03	1.371E+03	-5.104E-02	2.596E+06	2.653E+07	0.000E+00	0.000E+00
205	1	0.00	14	1.025E+04	-5.307E+03	1.340E+03	-5.103E-02	2.592E+06	2.653E+07	0.000E+00	0.000E+00
205	1	0.00	15	-3.253E+03	-5.305E+03	1.372E+03	-5.104E-02	2.596E+06	2.653E+07	0.000E+00	0.000E+00
205	1	0.00	16	-3.269E+03	-5.306E+03	1.340E+03	-5.103E-02	2.592E+06	2.653E+07	0.000E+00	0.000E+00

205	2	127.50	1	-2.237E+03	-7.564E+03	-1.431E+03	3.220E-02	-2.428E+06	2.571E+07	-7.198E-02	-1.526E-02
205	2	127.50	2	-2.253E+03	-7.564E+03	-1.462E+03	3.220E-02	-2.428E+06	2.571E+07	-7.198E-02	-1.524E-02
205	2	127.50	3	-1.576E+04	-7.562E+03	-1.430E+03	3.220E-02	-2.429E+06	2.571E+07	-7.197E-02	-1.526E-02
205	2	127.50	4	-1.577E+04	-7.562E+03	-1.461E+03	3.220E-02	-2.428E+06	2.571E+07	-7.197E-02	-1.524E-02
205	2	127.50	5	-2.331E+03	-7.561E+03	-1.478E+03	3.015E-02	-2.524E+06	2.571E+07	-7.198E-02	-1.586E-02
205	2	127.50	6	-2.347E+03	-7.561E+03	-1.509E+03	3.015E-02	-2.523E+06	2.571E+07	-7.198E-02	-1.584E-02
205	2	127.50	7	-1.585E+04	-7.560E+03	-1.477E+03	3.015E-02	-2.524E+06	2.571E+07	-7.197E-02	-1.586E-02
205	2	127.50	8	-1.587E+04	-7.560E+03	-1.509E+03	3.015E-02	-2.524E+06	2.571E+07	-7.197E-02	-1.584E-02
205	2	127.50	9	1.036E+04	-7.468E+03	1.418E+03	-4.899E-02	2.530E+06	2.572E+07	-7.201E-02	1.594E-02
205	2	127.50	10	1.035E+04	-7.468E+03	1.387E+03	-4.898E-02	2.530E+06	2.572E+07	-7.201E-02	1.596E-02
205	2	127.50	11	-3.156E+03	-7.466E+03	1.419E+03	-4.899E-02	2.530E+06	2.571E+07	-7.200E-02	1.593E-02
205	2	127.50	12	-3.172E+03	-7.466E+03	1.388E+03	-4.898E-02	2.530E+06	2.571E+07	-7.200E-02	1.595E-02
205	2	127.50	13	1.027E+04	-7.465E+03	1.371E+03	-5.104E-02	2.435E+06	2.572E+07	-7.201E-02	1.534E-02
205	2	127.50	14	1.025E+04	-7.465E+03	1.340E+03	-5.103E-02	2.435E+06	2.572E+07	-7.201E-02	1.535E-02
205	2	127.50	15	-3.251E+03	-7.464E+03	1.372E+03	-5.104E-02	2.434E+06	2.571E+07	-7.200E-02	1.533E-02
205	2	127.50	16	-3.266E+03	-7.464E+03	1.340E+03	-5.103E-02	2.435E+06	2.571E+07	-7.200E-02	1.535E-02
205	3	255.00	1	-2.235E+03	-9.722E+03	-1.431E+03	3.220E-02	-2.261E+06	2.461E+07	-9.449E-02	-1.986E-02
205	3	255.00	2	-2.251E+03	-9.722E+03	-1.462E+03	3.220E-02	-2.257E+06	2.461E+07	-9.449E-02	-1.982E-02
205	3	255.00	3	-1.576E+04	-9.720E+03	-1.430E+03	3.220E-02	-2.262E+06	2.461E+07	-9.447E-02	-1.986E-02
205	3	255.00	4	-1.577E+04	-9.720E+03	-1.461E+03	3.220E-02	-2.258E+06	2.461E+07	-9.447E-02	-1.983E-02
205	3	255.00	5	-2.329E+03	-9.719E+03	-1.478E+03	3.015E-02	-2.351E+06	2.461E+07	-9.449E-02	-2.064E-02
205	3	255.00	6	-2.345E+03	-9.720E+03	-1.509E+03	3.015E-02	-2.346E+06	2.461E+07	-9.449E-02	-2.061E-02
205	3	255.00	7	-1.585E+04	-9.718E+03	-1.477E+03	3.015E-02	-2.351E+06	2.461E+07	-9.447E-02	-2.065E-02
205	3	255.00	8	-1.587E+04	-9.718E+03	-1.509E+03	3.015E-02	-2.347E+06	2.461E+07	-9.447E-02	-2.061E-02
205	3	255.00	9	1.037E+04	-9.626E+03	1.418E+03	-4.899E-02	2.365E+06	2.463E+07	-9.453E-02	2.077E-02
205	3	255.00	10	1.035E+04	-9.626E+03	1.387E+03	-4.898E-02	2.369E+06	2.463E+07	-9.454E-02	2.080E-02
205	3	255.00	11	-3.154E+03	-9.624E+03	1.419E+03	-4.899E-02	2.364E+06	2.462E+07	-9.452E-02	2.076E-02
205	3	255.00	12	-3.170E+03	-9.624E+03	1.388E+03	-4.898E-02	2.369E+06	2.462E+07	-9.452E-02	2.080E-02
205	3	255.00	13	1.027E+04	-9.624E+03	1.371E+03	-5.104E-02	2.275E+06	2.463E+07	-9.454E-02	1.998E-02
205	3	255.00	14	1.026E+04	-9.624E+03	1.340E+03	-5.103E-02	2.280E+06	2.463E+07	-9.454E-02	2.002E-02
205	3	255.00	15	-3.248E+03	-9.622E+03	1.372E+03	-5.104E-02	2.275E+06	2.462E+07	-9.452E-02	1.998E-02
205	3	255.00	16	-3.264E+03	-9.622E+03	1.340E+03	-5.103E-02	2.279E+06	2.462E+07	-9.452E-02	2.002E-02
205	4	382.50	1	-2.233E+03	-1.188E+04	-1.431E+03	3.220E-02	-2.097E+06	2.324E+07	-6.961E-02	-1.453E-02
205	4	382.50	2	-2.249E+03	-1.188E+04	-1.462E+03	3.220E-02	-2.089E+06	2.324E+07	-6.961E-02	-1.450E-02
205	4	382.50	3	-1.575E+04	-1.188E+04	-1.430E+03	3.220E-02	-2.097E+06	2.323E+07	-6.960E-02	-1.453E-02
205	4	382.50	4	-1.577E+04	-1.188E+04	-1.461E+03	3.220E-02	-2.089E+06	2.323E+07	-6.960E-02	-1.450E-02
205	4	382.50	5	-2.327E+03	-1.188E+04	-1.478E+03	3.015E-02	-2.180E+06	2.324E+07	-6.961E-02	-1.511E-02
205	4	382.50	6	-2.343E+03	-1.188E+04	-1.509E+03	3.015E-02	-2.172E+06	2.324E+07	-6.962E-02	-1.507E-02
205	4	382.50	7	-1.585E+04	-1.188E+04	-1.477E+03	3.015E-02	-2.181E+06	2.323E+07	-6.961E-02	-1.511E-02
205	4	382.50	8	-1.586E+04	-1.188E+04	-1.509E+03	3.015E-02	-2.172E+06	2.323E+07	-6.961E-02	-1.507E-02
205	4	382.50	9	1.037E+04	-1.178E+04	1.418E+03	-4.899E-02	2.202E+06	2.326E+07	-6.966E-02	1.522E-02
205	4	382.50	10	1.035E+04	-1.178E+04	1.387E+03	-4.898E-02	2.210E+06	2.326E+07	-6.966E-02	1.525E-02
205	4	382.50	11	-3.152E+03	-1.178E+04	1.419E+03	-4.899E-02	2.201E+06	2.326E+07	-6.965E-02	1.521E-02
205	4	382.50	12	-3.168E+03	-1.178E+04	1.388E+03	-4.898E-02	2.210E+06	2.326E+07	-6.965E-02	1.525E-02
205	4	382.50	13	1.027E+04	-1.178E+04	1.371E+03	-5.104E-02	2.119E+06	2.326E+07	-6.966E-02	1.464E-02
205	4	382.50	14	1.026E+04	-1.178E+04	1.340E+03	-5.103E-02	2.127E+06	2.326E+07	-6.966E-02	1.468E-02
205	4	382.50	15	-3.246E+03	-1.178E+04	1.372E+03	-5.104E-02	2.118E+06	2.326E+07	-6.965E-02	1.464E-02
205	4	382.50	16	-3.262E+03	-1.178E+04	1.340E+03	-5.103E-02	2.126E+06	2.326E+07	-6.965E-02	1.468E-02
205	5	510.00	1	-2.231E+03	-1.404E+04	-1.431E+03	3.220E-02	-1.936E+06	2.158E+07	7.284E-09	2.335E-09
205	5	510.00	2	-2.247E+03	-1.404E+04	-1.462E+03	3.220E-02	-1.924E+06	2.158E+07	7.284E-09	2.331E-09
205	5	510.00	3	-1.575E+04	-1.404E+04	-1.430E+03	3.220E-02	-1.936E+06	2.158E+07	7.279E-09	2.335E-09
205	5	510.00	4	-1.577E+04	-1.404E+04	-1.461E+03	3.220E-02	-1.924E+06	2.158E+07	7.279E-09	2.331E-09
205	5	510.00	5	-2.325E+03	-1.404E+04	-1.478E+03	3.015E-02	-2.013E+06	2.158E+07	7.284E-09	2.338E-09
205	5	510.00	6	-2.341E+03	-1.404E+04	-1.509E+03	3.015E-02	-2.001E+06	2.158E+07	7.284E-09	2.334E-09
205	5	510.00	7	-1.585E+04	-1.403E+04	-1.477E+03	3.015E-02	-2.013E+06	2.158E+07	7.279E-09	2.338E-09
205	5	510.00	8	-1.586E+04	-1.403E+04	-1.509E+03	3.015E-02	-2.001E+06	2.158E+07	7.279E-09	2.334E-09
205	5	510.00	9	1.037E+04	-1.394E+04	1.418E+03	-4.899E-02	2.042E+06	2.162E+07	7.279E-09	-2.331E-09
205	5	510.00	10	1.036E+04	-1.394E+04	1.387E+03	-4.898E-02	2.054E+06	2.162E+07	7.278E-09	-2.335E-09
205	5	510.00	11	-3.150E+03	-1.394E+04	1.419E+03	-4.899E-02	2.042E+06	2.162E+07	7.274E-09	-2.331E-09
205	5	510.00	12	-3.166E+03	-1.394E+04	1.388E+03	-4.898E-02	2.054E+06	2.162E+07	7.274E-09	-2.334E-09
205	5	510.00	13	1.028E+04	-1.394E+04	1.371E+03	-5.104E-02	1.965E+06	2.162E+07	7.279E-09	-2.328E-09
205	5	510.00	14	1.026E+04	-1.394E+04	1.340E+03	-5.103E-02	1.977E+06	2.162E+07	7.278E-09	-2.332E-09

205	5	510.00	15	-3.244E+03	-1.394E+04	1.372E+03	-5.104E-02	1.965E+06	2.162E+07	7.274E-09	-2.328E-09
205	5	510.00	16	-3.260E+03	-1.394E+04	1.340E+03	-5.103E-02	1.977E+06	2.162E+07	7.274E-09	-2.332E-09
206	1	0.00	1	1.025E+04	-5.307E+03	-1.340E+03	5.103E-02	-2.592E+06	2.653E+07	0.000E+00	0.000E+00
206	1	0.00	2	1.027E+04	-5.307E+03	-1.371E+03	5.104E-02	-2.596E+06	2.653E+07	0.000E+00	0.000E+00
206	1	0.00	3	-3.269E+03	-5.306E+03	-1.340E+03	5.103E-02	-2.592E+06	2.653E+07	0.000E+00	0.000E+00
206	1	0.00	4	-3.253E+03	-5.305E+03	-1.372E+03	5.104E-02	-2.596E+06	2.653E+07	0.000E+00	0.000E+00
206	1	0.00	5	1.035E+04	-5.310E+03	-1.387E+03	4.898E-02	-2.694E+06	2.653E+07	0.000E+00	0.000E+00
206	1	0.00	6	1.036E+04	-5.309E+03	-1.418E+03	4.899E-02	-2.697E+06	2.653E+07	0.000E+00	0.000E+00
206	1	0.00	7	-3.174E+03	-5.308E+03	-1.388E+03	4.898E-02	-2.693E+06	2.653E+07	0.000E+00	0.000E+00
206	1	0.00	8	-3.159E+03	-5.308E+03	-1.419E+03	4.899E-02	-2.697E+06	2.653E+07	0.000E+00	0.000E+00
206	1	0.00	9	-2.349E+03	-5.403E+03	1.509E+03	-3.015E-02	2.702E+06	2.654E+07	0.000E+00	0.000E+00
206	1	0.00	10	-2.333E+03	-5.403E+03	1.478E+03	-3.015E-02	2.699E+06	2.654E+07	0.000E+00	0.000E+00
206	1	0.00	11	-1.587E+04	-5.402E+03	1.509E+03	-3.015E-02	2.702E+06	2.654E+07	0.000E+00	0.000E+00
206	1	0.00	12	-1.585E+04	-5.401E+03	1.477E+03	-3.015E-02	2.699E+06	2.654E+07	0.000E+00	0.000E+00
206	1	0.00	13	-2.255E+03	-5.405E+03	1.462E+03	-3.220E-02	2.601E+06	2.654E+07	0.000E+00	0.000E+00
206	1	0.00	14	-2.239E+03	-5.405E+03	1.431E+03	-3.220E-02	2.597E+06	2.654E+07	0.000E+00	0.000E+00
206	1	0.00	15	-1.578E+04	-5.404E+03	1.461E+03	-3.220E-02	2.601E+06	2.654E+07	0.000E+00	0.000E+00
206	1	0.00	16	-1.576E+04	-5.404E+03	1.430E+03	-3.220E-02	2.597E+06	2.654E+07	0.000E+00	0.000E+00
206	2	127.50	1	1.025E+04	-7.465E+03	-1.340E+03	5.103E-02	-2.435E+06	2.572E+07	-7.201E-02	-1.535E-02
206	2	127.50	2	1.027E+04	-7.465E+03	-1.371E+03	5.104E-02	-2.435E+06	2.572E+07	-7.201E-02	-1.534E-02
206	2	127.50	3	-3.266E+03	-7.464E+03	-1.340E+03	5.103E-02	-2.435E+06	2.571E+07	-7.200E-02	-1.535E-02
206	2	127.50	4	-3.251E+03	-7.464E+03	-1.372E+03	5.104E-02	-2.434E+06	2.571E+07	-7.200E-02	-1.533E-02
206	2	127.50	5	1.035E+04	-7.468E+03	-1.387E+03	4.898E-02	-2.530E+06	2.572E+07	-7.201E-02	-1.596E-02
206	2	127.50	6	1.036E+04	-7.468E+03	-1.418E+03	4.899E-02	-2.530E+06	2.572E+07	-7.201E-02	-1.594E-02
206	2	127.50	7	-3.172E+03	-7.466E+03	-1.388E+03	4.898E-02	-2.530E+06	2.571E+07	-7.200E-02	-1.595E-02
206	2	127.50	8	-3.156E+03	-7.466E+03	-1.419E+03	4.899E-02	-2.530E+06	2.571E+07	-7.200E-02	-1.593E-02
206	2	127.50	9	-2.347E+03	-7.561E+03	1.509E+03	-3.015E-02	2.523E+06	2.571E+07	-7.198E-02	1.584E-02
206	2	127.50	10	-2.331E+03	-7.561E+03	1.478E+03	-3.015E-02	2.524E+06	2.571E+07	-7.198E-02	1.586E-02
206	2	127.50	11	-1.587E+04	-7.560E+03	1.509E+03	-3.015E-02	2.524E+06	2.571E+07	-7.197E-02	1.584E-02
206	2	127.50	12	-1.585E+04	-7.560E+03	1.477E+03	-3.015E-02	2.524E+06	2.571E+07	-7.197E-02	1.586E-02
206	2	127.50	13	-2.253E+03	-7.564E+03	1.462E+03	-3.220E-02	2.428E+06	2.571E+07	-7.198E-02	1.524E-02
206	2	127.50	14	-2.237E+03	-7.564E+03	1.431E+03	-3.220E-02	2.428E+06	2.571E+07	-7.198E-02	1.526E-02
206	2	127.50	15	-1.577E+04	-7.562E+03	1.461E+03	-3.220E-02	2.428E+06	2.571E+07	-7.197E-02	1.524E-02
206	2	127.50	16	-1.576E+04	-7.562E+03	1.430E+03	-3.220E-02	2.429E+06	2.571E+07	-7.197E-02	1.526E-02
206	3	255.00	1	1.026E+04	-9.624E+03	-1.340E+03	5.103E-02	-2.280E+06	2.463E+07	-9.454E-02	-2.002E-02
206	3	255.00	2	1.027E+04	-9.624E+03	-1.371E+03	5.104E-02	-2.275E+06	2.463E+07	-9.454E-02	-1.998E-02
206	3	255.00	3	-3.264E+03	-9.622E+03	-1.340E+03	5.103E-02	-2.279E+06	2.462E+07	-9.452E-02	-2.002E-02
206	3	255.00	4	-3.248E+03	-9.622E+03	-1.372E+03	5.104E-02	-2.275E+06	2.462E+07	-9.452E-02	-1.998E-02
206	3	255.00	5	1.035E+04	-9.626E+03	-1.387E+03	4.898E-02	-2.369E+06	2.463E+07	-9.454E-02	-2.080E-02
206	3	255.00	6	1.037E+04	-9.626E+03	-1.418E+03	4.899E-02	-2.365E+06	2.463E+07	-9.453E-02	-2.077E-02
206	3	255.00	7	-3.170E+03	-9.624E+03	-1.388E+03	4.898E-02	-2.369E+06	2.462E+07	-9.452E-02	-2.080E-02
206	3	255.00	8	-3.154E+03	-9.624E+03	-1.419E+03	4.899E-02	-2.364E+06	2.462E+07	-9.452E-02	-2.076E-02
206	3	255.00	9	-2.345E+03	-9.720E+03	1.509E+03	-3.015E-02	2.346E+06	2.461E+07	-9.449E-02	2.061E-02
206	3	255.00	10	-2.329E+03	-9.719E+03	1.478E+03	-3.015E-02	2.351E+06	2.461E+07	-9.449E-02	2.064E-02
206	3	255.00	11	-1.587E+04	-9.718E+03	1.509E+03	-3.015E-02	2.347E+06	2.461E+07	-9.447E-02	2.061E-02
206	3	255.00	12	-1.585E+04	-9.718E+03	1.477E+03	-3.015E-02	2.351E+06	2.461E+07	-9.447E-02	2.065E-02
206	3	255.00	13	-2.251E+03	-9.722E+03	1.462E+03	-3.220E-02	2.257E+06	2.461E+07	-9.449E-02	1.982E-02
206	3	255.00	14	-2.235E+03	-9.722E+03	1.431E+03	-3.220E-02	2.261E+06	2.461E+07	-9.449E-02	1.986E-02
206	3	255.00	15	-1.577E+04	-9.720E+03	1.461E+03	-3.220E-02	2.258E+06	2.461E+07	-9.447E-02	1.983E-02
206	3	255.00	16	-1.576E+04	-9.720E+03	1.430E+03	-3.220E-02	2.262E+06	2.461E+07	-9.447E-02	1.986E-02
206	4	382.50	1	1.026E+04	-1.178E+04	-1.340E+03	5.103E-02	-2.127E+06	2.326E+07	-6.966E-02	-1.468E-02
206	4	382.50	2	1.027E+04	-1.178E+04	-1.371E+03	5.104E-02	-2.119E+06	2.326E+07	-6.966E-02	-1.464E-02
206	4	382.50	3	-3.262E+03	-1.178E+04	-1.340E+03	5.103E-02	-2.126E+06	2.326E+07	-6.965E-02	-1.468E-02
206	4	382.50	4	-3.246E+03	-1.178E+04	-1.372E+03	5.104E-02	-2.118E+06	2.326E+07	-6.965E-02	-1.464E-02
206	4	382.50	5	1.035E+04	-1.178E+04	-1.387E+03	4.898E-02	-2.210E+06	2.326E+07	-6.966E-02	-1.525E-02
206	4	382.50	6	1.037E+04	-1.178E+04	-1.418E+03	4.899E-02	-2.202E+06	2.326E+07	-6.966E-02	-1.522E-02
206	4	382.50	7	-3.168E+03	-1.178E+04	-1.388E+03	4.898E-02	-2.210E+06	2.326E+07	-6.965E-02	-1.525E-02
206	4	382.50	8	-3.152E+03	-1.178E+04	-1.419E+03	4.899E-02	-2.201E+06	2.326E+07	-6.965E-02	-1.521E-02
206	4	382.50	9	-2.343E+03	-1.188E+04	1.509E+03	-3.015E-02	2.172E+06	2.324E+07	-6.962E-02	1.507E-02
206	4	382.50	10	-2.327E+03	-1.188E+04	1.478E+03	-3.015E-02	2.180E+06	2.324E+07	-6.961E-02	1.511E-02
206	4	382.50	11	-1.586E+04	-1.188E+04	1.509E+03	-3.015E-02	2.172E+06	2.323E+07	-6.961E-02	1.507E-02
206	4	382.50	12	-1.585E+04	-1.188E+04	1.477E+03	-3.015E-02	2.181E+06	2.323E+07	-6.961E-02	1.511E-02

206	4	382.50	13	-2.249E+03	-1.188E+04	1.462E+03	-3.220E-02	2.089E+06	2.324E+07	-6.961E-02	1.450E-02
206	4	382.50	14	-2.233E+03	-1.188E+04	1.431E+03	-3.220E-02	2.097E+06	2.324E+07	-6.961E-02	1.453E-02
206	4	382.50	15	-1.577E+04	-1.188E+04	1.461E+03	-3.220E-02	2.089E+06	2.323E+07	-6.960E-02	1.450E-02
206	4	382.50	16	-1.575E+04	-1.188E+04	1.430E+03	-3.220E-02	2.097E+06	2.323E+07	-6.960E-02	1.453E-02
206	5	510.00	1	1.026E+04	-1.394E+04	-1.340E+03	5.103E-02	-1.977E+06	2.162E+07	7.278E-09	2.332E-09
206	5	510.00	2	1.028E+04	-1.394E+04	-1.371E+03	5.104E-02	-1.965E+06	2.162E+07	7.279E-09	2.328E-09
206	5	510.00	3	-3.260E+03	-1.394E+04	-1.340E+03	5.103E-02	-1.977E+06	2.162E+07	7.274E-09	2.332E-09
206	5	510.00	4	-3.244E+03	-1.394E+04	-1.372E+03	5.104E-02	-1.965E+06	2.162E+07	7.274E-09	2.328E-09
206	5	510.00	5	1.036E+04	-1.394E+04	-1.387E+03	4.898E-02	-2.054E+06	2.162E+07	7.278E-09	2.335E-09
206	5	510.00	6	1.037E+04	-1.394E+04	-1.418E+03	4.899E-02	-2.042E+06	2.162E+07	7.279E-09	2.331E-09
206	5	510.00	7	-3.166E+03	-1.394E+04	-1.388E+03	4.898E-02	-2.054E+06	2.162E+07	7.274E-09	2.334E-09
206	5	510.00	8	-3.150E+03	-1.394E+04	-1.419E+03	4.899E-02	-2.042E+06	2.162E+07	7.274E-09	2.331E-09
206	5	510.00	9	-2.341E+03	-1.404E+04	1.509E+03	-3.015E-02	2.001E+06	2.158E+07	7.284E-09	-2.334E-09
206	5	510.00	10	-2.325E+03	-1.404E+04	1.478E+03	-3.015E-02	2.013E+06	2.158E+07	7.284E-09	-2.338E-09
206	5	510.00	11	-1.586E+04	-1.403E+04	1.509E+03	-3.015E-02	2.001E+06	2.158E+07	7.279E-09	-2.334E-09
206	5	510.00	12	-1.585E+04	-1.403E+04	1.477E+03	-3.015E-02	2.013E+06	2.158E+07	7.279E-09	-2.338E-09
206	5	510.00	13	-2.247E+03	-1.404E+04	1.462E+03	-3.220E-02	1.924E+06	2.158E+07	7.284E-09	-2.331E-09
206	5	510.00	14	-2.231E+03	-1.404E+04	1.431E+03	-3.220E-02	1.936E+06	2.158E+07	7.284E-09	-2.335E-09
206	5	510.00	15	-1.577E+04	-1.404E+04	1.461E+03	-3.220E-02	1.924E+06	2.158E+07	7.279E-09	-2.331E-09
206	5	510.00	16	-1.575E+04	-1.404E+04	1.430E+03	-3.220E-02	1.936E+06	2.158E+07	7.279E-09	-2.335E-09
207	1	0.00	1	-3.260E+03	-2.364E+04	-3.487E+03	2.214E-02	-2.051E+06	2.159E+07	0.000E+00	0.000E+00
207	1	0.00	2	-3.328E+03	-2.364E+04	-3.518E+03	2.215E-02	-2.046E+06	2.159E+07	0.000E+00	0.000E+00
207	1	0.00	3	-1.433E+04	-2.364E+04	-3.496E+03	2.214E-02	-2.052E+06	2.159E+07	0.000E+00	0.000E+00
207	1	0.00	4	-1.440E+04	-2.364E+04	-3.527E+03	2.215E-02	-2.047E+06	2.159E+07	0.000E+00	0.000E+00
207	1	0.00	5	-3.338E+03	-2.364E+04	-3.623E+03	2.011E-02	-2.131E+06	2.160E+07	0.000E+00	0.000E+00
207	1	0.00	6	-3.406E+03	-2.364E+04	-3.655E+03	2.012E-02	-2.126E+06	2.160E+07	0.000E+00	0.000E+00
207	1	0.00	7	-1.441E+04	-2.363E+04	-3.632E+03	2.011E-02	-2.131E+06	2.159E+07	0.000E+00	0.000E+00
207	1	0.00	8	-1.447E+04	-2.363E+04	-3.663E+03	2.012E-02	-2.126E+06	2.159E+07	0.000E+00	0.000E+00
207	1	0.00	9	9.003E+03	-2.354E+04	4.370E+03	-5.787E-02	2.167E+06	2.161E+07	0.000E+00	0.000E+00
207	1	0.00	10	8.935E+03	-2.354E+04	4.339E+03	-5.786E-02	2.172E+06	2.161E+07	0.000E+00	0.000E+00
207	1	0.00	11	-2.066E+03	-2.354E+04	4.362E+03	-5.787E-02	2.167E+06	2.161E+07	0.000E+00	0.000E+00
207	1	0.00	12	-2.134E+03	-2.354E+04	4.331E+03	-5.786E-02	2.172E+06	2.161E+07	0.000E+00	0.000E+00
207	1	0.00	13	8.925E+03	-2.354E+04	4.234E+03	-5.989E-02	2.088E+06	2.161E+07	0.000E+00	0.000E+00
207	1	0.00	14	8.857E+03	-2.354E+04	4.203E+03	-5.988E-02	2.093E+06	2.161E+07	0.000E+00	0.000E+00
207	1	0.00	15	-2.144E+03	-2.354E+04	4.226E+03	-5.989E-02	2.087E+06	2.161E+07	0.000E+00	0.000E+00
207	1	0.00	16	-2.212E+03	-2.354E+04	4.195E+03	-5.988E-02	2.092E+06	2.161E+07	0.000E+00	0.000E+00
207	2	127.25	1	-3.258E+03	-2.579E+04	-3.487E+03	2.214E-02	-1.612E+06	1.845E+07	-4.654E-02	-8.670E-03
207	2	127.25	2	-3.326E+03	-2.579E+04	-3.518E+03	2.215E-02	-1.603E+06	1.845E+07	-4.654E-02	-8.595E-03
207	2	127.25	3	-1.433E+04	-2.579E+04	-3.496E+03	2.214E-02	-1.611E+06	1.845E+07	-4.653E-02	-8.661E-03
207	2	127.25	4	-1.439E+04	-2.579E+04	-3.527E+03	2.215E-02	-1.603E+06	1.845E+07	-4.653E-02	-8.586E-03
207	2	127.25	5	-3.336E+03	-2.579E+04	-3.623E+03	2.011E-02	-1.674E+06	1.845E+07	-4.654E-02	-9.003E-03
207	2	127.25	6	-3.404E+03	-2.579E+04	-3.655E+03	2.012E-02	-1.665E+06	1.845E+07	-4.654E-02	-8.927E-03
207	2	127.25	7	-1.440E+04	-2.579E+04	-3.632E+03	2.011E-02	-1.674E+06	1.845E+07	-4.653E-02	-8.994E-03
207	2	127.25	8	-1.447E+04	-2.579E+04	-3.663E+03	2.012E-02	-1.665E+06	1.845E+07	-4.653E-02	-8.919E-03
207	2	127.25	9	9.005E+03	-2.570E+04	4.370E+03	-5.787E-02	1.616E+06	1.848E+07	-4.664E-02	8.205E-03
207	2	127.25	10	8.937E+03	-2.570E+04	4.339E+03	-5.786E-02	1.625E+06	1.848E+07	-4.664E-02	8.280E-03
207	2	127.25	11	-2.064E+03	-2.569E+04	4.362E+03	-5.787E-02	1.617E+06	1.847E+07	-4.663E-02	8.213E-03
207	2	127.25	12	-2.132E+03	-2.569E+04	4.331E+03	-5.786E-02	1.625E+06	1.847E+07	-4.663E-02	8.288E-03
207	2	127.25	13	8.927E+03	-2.570E+04	4.234E+03	-5.989E-02	1.554E+06	1.848E+07	-4.664E-02	7.872E-03
207	2	127.25	14	8.859E+03	-2.570E+04	4.203E+03	-5.988E-02	1.563E+06	1.848E+07	-4.664E-02	7.947E-03
207	2	127.25	15	-2.142E+03	-2.569E+04	4.226E+03	-5.989E-02	1.554E+06	1.847E+07	-4.663E-02	7.880E-03
207	2	127.25	16	-2.210E+03	-2.569E+04	4.195E+03	-5.988E-02	1.563E+06	1.847E+07	-4.663E-02	7.956E-03
207	3	254.50	1	-3.256E+03	-2.795E+04	-3.487E+03	2.214E-02	-1.177E+06	1.503E+07	-5.762E-02	-1.030E-02
207	3	254.50	2	-3.324E+03	-2.795E+04	-3.518E+03	2.215E-02	-1.165E+06	1.503E+07	-5.762E-02	-1.019E-02
207	3	254.50	3	-1.432E+04	-2.794E+04	-3.496E+03	2.214E-02	-1.176E+06	1.503E+07	-5.761E-02	-1.028E-02
207	3	254.50	4	-1.439E+04	-2.794E+04	-3.527E+03	2.215E-02	-1.163E+06	1.503E+07	-5.761E-02	-1.017E-02
207	3	254.50	5	-3.334E+03	-2.795E+04	-3.623E+03	2.011E-02	-1.222E+06	1.503E+07	-5.762E-02	-1.069E-02
207	3	254.50	6	-3.402E+03	-2.795E+04	-3.655E+03	2.012E-02	-1.209E+06	1.503E+07	-5.762E-02	-1.058E-02
207	3	254.50	7	-1.440E+04	-2.794E+04	-3.632E+03	2.011E-02	-1.221E+06	1.503E+07	-5.762E-02	-1.068E-02
207	3	254.50	8	-1.447E+04	-2.794E+04	-3.663E+03	2.012E-02	-1.208E+06	1.503E+07	-5.762E-02	-1.057E-02
207	3	254.50	9	9.007E+03	-2.785E+04	4.370E+03	-5.787E-02	1.069E+06	1.507E+07	-5.777E-02	9.351E-03
207	3	254.50	10	8.939E+03	-2.785E+04	4.339E+03	-5.786E-02	1.082E+06	1.507E+07	-5.777E-02	9.463E-03

207	3	254.50	11	-2.062E+03	-2.785E+04	4.362E+03	-5.787E-02	1.071E+06	1.507E+07	-5.776E-02	9.365E-03
207	3	254.50	12	-2.130E+03	-2.785E+04	4.331E+03	-5.786E-02	1.083E+06	1.507E+07	-5.776E-02	9.477E-03
207	3	254.50	13	8.929E+03	-2.785E+04	4.234E+03	-5.989E-02	1.024E+06	1.507E+07	-5.777E-02	8.958E-03
207	3	254.50	14	8.861E+03	-2.785E+04	4.203E+03	-5.988E-02	1.037E+06	1.507E+07	-5.777E-02	9.070E-03
207	3	254.50	15	-2.139E+03	-2.785E+04	4.226E+03	-5.989E-02	1.026E+06	1.507E+07	-5.777E-02	8.972E-03
207	3	254.50	16	-2.208E+03	-2.785E+04	4.195E+03	-5.988E-02	1.038E+06	1.507E+07	-5.777E-02	9.084E-03
207	4	381.75	1	-3.254E+03	-3.010E+04	-3.487E+03	2.214E-02	-7.566E+05	1.134E+07	-3.976E-02	-6.787E-03
207	4	381.75	2	-3.322E+03	-3.010E+04	-3.518E+03	2.215E-02	-7.399E+05	1.134E+07	-3.976E-02	-6.695E-03
207	4	381.75	3	-1.432E+04	-3.010E+04	-3.496E+03	2.214E-02	-7.539E+05	1.134E+07	-3.976E-02	-6.774E-03
207	4	381.75	4	-1.439E+04	-3.010E+04	-3.527E+03	2.215E-02	-7.372E+05	1.134E+07	-3.976E-02	-6.682E-03
207	4	381.75	5	-3.331E+03	-3.010E+04	-3.623E+03	2.011E-02	-7.843E+05	1.134E+07	-3.977E-02	-7.044E-03
207	4	381.75	6	-3.400E+03	-3.010E+04	-3.655E+03	2.012E-02	-7.675E+05	1.134E+07	-3.977E-02	-6.952E-03
207	4	381.75	7	-1.440E+04	-3.010E+04	-3.632E+03	2.011E-02	-7.816E+05	1.134E+07	-3.976E-02	-7.031E-03
207	4	381.75	8	-1.447E+04	-3.010E+04	-3.663E+03	2.012E-02	-7.648E+05	1.134E+07	-3.976E-02	-6.939E-03
207	4	381.75	9	9.009E+03	-3.001E+04	4.370E+03	-5.787E-02	5.359E+05	1.139E+07	-3.989E-02	5.830E-03
207	4	381.75	10	8.941E+03	-3.001E+04	4.339E+03	-5.786E-02	5.527E+05	1.139E+07	-3.989E-02	5.923E-03
207	4	381.75	11	-2.060E+03	-3.000E+04	4.362E+03	-5.787E-02	5.386E+05	1.139E+07	-3.988E-02	5.844E-03
207	4	381.75	12	-2.128E+03	-3.000E+04	4.331E+03	-5.786E-02	5.553E+05	1.139E+07	-3.988E-02	5.936E-03
207	4	381.75	13	8.932E+03	-3.000E+04	4.234E+03	-5.989E-02	5.083E+05	1.139E+07	-3.989E-02	5.574E-03
207	4	381.75	14	8.863E+03	-3.000E+04	4.203E+03	-5.988E-02	5.250E+05	1.139E+07	-3.989E-02	5.666E-03
207	4	381.75	15	-2.137E+03	-3.000E+04	4.226E+03	-5.989E-02	5.110E+05	1.139E+07	-3.989E-02	5.587E-03
207	4	381.75	16	-2.206E+03	-3.000E+04	4.195E+03	-5.988E-02	5.277E+05	1.139E+07	-3.989E-02	5.679E-03
207	5	509.00	1	-3.251E+03	-3.226E+04	-3.487E+03	2.214E-02	1.051E+05	7.369E+06	1.095E-08	-1.498E-09
207	5	509.00	2	-3.320E+03	-3.226E+04	-3.518E+03	2.215E-02	1.257E+05	7.369E+06	1.095E-08	-1.496E-09
207	5	509.00	3	-1.432E+04	-3.225E+04	-3.496E+03	2.214E-02	1.088E+05	7.369E+06	1.095E-08	-1.497E-09
207	5	509.00	4	-1.439E+04	-3.225E+04	-3.527E+03	2.215E-02	1.295E+05	7.369E+06	1.095E-08	-1.495E-09
207	5	509.00	5	-3.329E+03	-3.225E+04	-3.623E+03	2.011E-02	9.477E+04	7.371E+06	1.095E-08	-1.593E-09
207	5	509.00	6	-3.398E+03	-3.225E+04	-3.655E+03	2.012E-02	1.155E+05	7.371E+06	1.095E-08	-1.591E-09
207	5	509.00	7	-1.440E+04	-3.225E+04	-3.632E+03	2.011E-02	9.852E+04	7.370E+06	1.095E-08	-1.592E-09
207	5	509.00	8	-1.447E+04	-3.225E+04	-3.663E+03	2.012E-02	1.192E+05	7.370E+06	1.095E-08	-1.589E-09
207	5	509.00	9	9.011E+03	-3.216E+04	4.370E+03	-5.787E-02	-4.382E+05	7.433E+06	1.091E-08	1.552E-09
207	5	509.00	10	8.943E+03	-3.216E+04	4.339E+03	-5.786E-02	-4.175E+05	7.433E+06	1.091E-08	1.554E-09
207	5	509.00	11	-2.057E+03	-3.216E+04	4.362E+03	-5.787E-02	-4.344E+05	7.432E+06	1.091E-08	1.553E-09
207	5	509.00	12	-2.126E+03	-3.216E+04	4.331E+03	-5.786E-02	-4.137E+05	7.432E+06	1.091E-08	1.555E-09
207	5	509.00	13	8.934E+03	-3.216E+04	4.234E+03	-5.989E-02	-4.484E+05	7.434E+06	1.091E-08	1.457E-09
207	5	509.00	14	8.865E+03	-3.216E+04	4.203E+03	-5.988E-02	-4.278E+05	7.434E+06	1.091E-08	1.459E-09
207	5	509.00	15	-2.135E+03	-3.215E+04	4.226E+03	-5.989E-02	-4.447E+05	7.434E+06	1.091E-08	1.458E-09
207	5	509.00	16	-2.203E+03	-3.215E+04	4.195E+03	-5.988E-02	-4.240E+05	7.434E+06	1.091E-08	1.461E-09
208	1	0.00	1	8.857E+03	-2.354E+04	-4.203E+03	5.988E-02	-2.093E+06	2.161E+07	0.000E+00	0.000E+00
208	1	0.00	2	8.925E+03	-2.354E+04	-4.234E+03	5.989E-02	-2.088E+06	2.161E+07	0.000E+00	0.000E+00
208	1	0.00	3	-2.212E+03	-2.354E+04	-4.195E+03	5.988E-02	-2.092E+06	2.161E+07	0.000E+00	0.000E+00
208	1	0.00	4	-2.144E+03	-2.354E+04	-4.226E+03	5.989E-02	-2.087E+06	2.161E+07	0.000E+00	0.000E+00
208	1	0.00	5	8.935E+03	-2.354E+04	-4.339E+03	5.786E-02	-2.172E+06	2.161E+07	0.000E+00	0.000E+00
208	1	0.00	6	9.003E+03	-2.354E+04	-4.370E+03	5.787E-02	-2.167E+06	2.161E+07	0.000E+00	0.000E+00
208	1	0.00	7	-2.134E+03	-2.354E+04	-4.331E+03	5.786E-02	-2.172E+06	2.161E+07	0.000E+00	0.000E+00
208	1	0.00	8	-2.066E+03	-2.354E+04	-4.362E+03	5.787E-02	-2.167E+06	2.161E+07	0.000E+00	0.000E+00
208	1	0.00	9	-3.406E+03	-2.364E+04	3.655E+03	-2.012E-02	2.126E+06	2.160E+07	0.000E+00	0.000E+00
208	1	0.00	10	-3.338E+03	-2.364E+04	3.623E+03	-2.011E-02	2.131E+06	2.160E+07	0.000E+00	0.000E+00
208	1	0.00	11	-1.447E+04	-2.363E+04	3.663E+03	-2.012E-02	2.126E+06	2.159E+07	0.000E+00	0.000E+00
208	1	0.00	12	-1.441E+04	-2.363E+04	3.632E+03	-2.011E-02	2.131E+06	2.159E+07	0.000E+00	0.000E+00
208	1	0.00	13	-3.328E+03	-2.364E+04	3.518E+03	-2.215E-02	2.046E+06	2.159E+07	0.000E+00	0.000E+00
208	1	0.00	14	-3.260E+03	-2.364E+04	3.487E+03	-2.214E-02	2.051E+06	2.159E+07	0.000E+00	0.000E+00
208	1	0.00	15	-1.440E+04	-2.364E+04	3.527E+03	-2.215E-02	2.047E+06	2.159E+07	0.000E+00	0.000E+00
208	1	0.00	16	-1.433E+04	-2.364E+04	3.496E+03	-2.214E-02	2.052E+06	2.159E+07	0.000E+00	0.000E+00
208	2	127.25	1	8.859E+03	-2.570E+04	-4.203E+03	5.988E-02	-1.563E+06	1.848E+07	-4.664E-02	-7.947E-03
208	2	127.25	2	8.927E+03	-2.570E+04	-4.234E+03	5.989E-02	-1.554E+06	1.848E+07	-4.664E-02	-7.872E-03
208	2	127.25	3	-2.210E+03	-2.569E+04	-4.195E+03	5.988E-02	-1.563E+06	1.847E+07	-4.663E-02	-7.956E-03
208	2	127.25	4	-2.142E+03	-2.569E+04	-4.226E+03	5.989E-02	-1.554E+06	1.847E+07	-4.663E-02	-7.880E-03
208	2	127.25	5	8.937E+03	-2.570E+04	-4.339E+03	5.786E-02	-1.625E+06	1.848E+07	-4.664E-02	-8.280E-03
208	2	127.25	6	9.005E+03	-2.570E+04	-4.370E+03	5.787E-02	-1.616E+06	1.848E+07	-4.664E-02	-8.205E-03
208	2	127.25	7	-2.132E+03	-2.569E+04	-4.331E+03	5.786E-02	-1.625E+06	1.847E+07	-4.663E-02	-8.288E-03
208	2	127.25	8	-2.064E+03	-2.569E+04	-4.362E+03	5.787E-02	-1.617E+06	1.847E+07	-4.663E-02	-8.213E-03

208	2	127.25	9	-3.404E+03	-2.579E+04	3.655E+03	-2.012E-02	1.665E+06	1.845E+07	-4.654E-02	8.927E-03
208	2	127.25	10	-3.336E+03	-2.579E+04	3.623E+03	-2.011E-02	1.674E+06	1.845E+07	-4.654E-02	9.003E-03
208	2	127.25	11	-1.447E+04	-2.579E+04	3.663E+03	-2.012E-02	1.665E+06	1.845E+07	-4.653E-02	8.919E-03
208	2	127.25	12	-1.440E+04	-2.579E+04	3.632E+03	-2.011E-02	1.674E+06	1.845E+07	-4.653E-02	8.994E-03
208	2	127.25	13	-3.326E+03	-2.579E+04	3.518E+03	-2.215E-02	1.603E+06	1.845E+07	-4.654E-02	8.595E-03
208	2	127.25	14	-3.258E+03	-2.579E+04	3.487E+03	-2.214E-02	1.612E+06	1.845E+07	-4.654E-02	8.670E-03
208	2	127.25	15	-1.439E+04	-2.579E+04	3.527E+03	-2.215E-02	1.603E+06	1.845E+07	-4.653E-02	8.586E-03
208	2	127.25	16	-1.433E+04	-2.579E+04	3.496E+03	-2.214E-02	1.611E+06	1.845E+07	-4.653E-02	8.661E-03
208	3	254.50	1	8.861E+03	-2.785E+04	-4.203E+03	5.988E-02	-1.037E+06	1.507E+07	-5.777E-02	-9.070E-03
208	3	254.50	2	8.929E+03	-2.785E+04	-4.234E+03	5.989E-02	-1.024E+06	1.507E+07	-5.777E-02	-8.958E-03
208	3	254.50	3	-2.208E+03	-2.785E+04	-4.195E+03	5.988E-02	-1.038E+06	1.507E+07	-5.777E-02	-9.084E-03
208	3	254.50	4	-2.139E+03	-2.785E+04	-4.226E+03	5.989E-02	-1.026E+06	1.507E+07	-5.777E-02	-8.972E-03
208	3	254.50	5	8.939E+03	-2.785E+04	-4.339E+03	5.786E-02	-1.082E+06	1.507E+07	-5.777E-02	-9.463E-03
208	3	254.50	6	9.007E+03	-2.785E+04	-4.370E+03	5.787E-02	-1.069E+06	1.507E+07	-5.777E-02	-9.351E-03
208	3	254.50	7	-2.130E+03	-2.785E+04	-4.331E+03	5.786E-02	-1.083E+06	1.507E+07	-5.776E-02	-9.477E-03
208	3	254.50	8	-2.062E+03	-2.785E+04	-4.362E+03	5.787E-02	-1.071E+06	1.507E+07	-5.776E-02	-9.365E-03
208	3	254.50	9	-3.402E+03	-2.795E+04	3.655E+03	-2.012E-02	1.209E+06	1.503E+07	-5.762E-02	1.058E-02
208	3	254.50	10	-3.334E+03	-2.795E+04	3.623E+03	-2.011E-02	1.222E+06	1.503E+07	-5.762E-02	1.069E-02
208	3	254.50	11	-1.447E+04	-2.794E+04	3.663E+03	-2.012E-02	1.208E+06	1.503E+07	-5.762E-02	1.057E-02
208	3	254.50	12	-1.440E+04	-2.794E+04	3.632E+03	-2.011E-02	1.221E+06	1.503E+07	-5.762E-02	1.068E-02
208	3	254.50	13	-3.324E+03	-2.795E+04	3.518E+03	-2.215E-02	1.165E+06	1.503E+07	-5.762E-02	1.019E-02
208	3	254.50	14	-3.256E+03	-2.795E+04	3.487E+03	-2.214E-02	1.177E+06	1.503E+07	-5.762E-02	1.030E-02
208	3	254.50	15	-1.439E+04	-2.794E+04	3.527E+03	-2.215E-02	1.163E+06	1.503E+07	-5.761E-02	1.017E-02
208	3	254.50	16	-1.432E+04	-2.794E+04	3.496E+03	-2.214E-02	1.176E+06	1.503E+07	-5.761E-02	1.028E-02
208	4	381.75	1	8.863E+03	-3.000E+04	-4.203E+03	5.988E-02	-5.250E+05	1.139E+07	-3.989E-02	-5.666E-03
208	4	381.75	2	8.932E+03	-3.000E+04	-4.234E+03	5.989E-02	-5.083E+05	1.139E+07	-3.989E-02	-5.574E-03
208	4	381.75	3	-2.206E+03	-3.000E+04	-4.195E+03	5.988E-02	-5.277E+05	1.139E+07	-3.989E-02	-5.679E-03
208	4	381.75	4	-2.137E+03	-3.000E+04	-4.226E+03	5.989E-02	-5.110E+05	1.139E+07	-3.989E-02	-5.587E-03
208	4	381.75	5	8.941E+03	-3.001E+04	-4.339E+03	5.786E-02	-5.527E+05	1.139E+07	-3.989E-02	-5.923E-03
208	4	381.75	6	9.009E+03	-3.001E+04	-4.370E+03	5.787E-02	-5.359E+05	1.139E+07	-3.989E-02	-5.830E-03
208	4	381.75	7	-2.128E+03	-3.000E+04	-4.331E+03	5.786E-02	-5.553E+05	1.139E+07	-3.988E-02	-5.936E-03
208	4	381.75	8	-2.060E+03	-3.000E+04	-4.362E+03	5.787E-02	-5.386E+05	1.139E+07	-3.988E-02	-5.844E-03
208	4	381.75	9	-3.400E+03	-3.010E+04	3.655E+03	-2.012E-02	7.675E+05	1.134E+07	-3.977E-02	6.952E-03
208	4	381.75	10	-3.331E+03	-3.010E+04	3.623E+03	-2.011E-02	7.843E+05	1.134E+07	-3.977E-02	7.044E-03
208	4	381.75	11	-1.447E+04	-3.010E+04	3.663E+03	-2.012E-02	7.648E+05	1.134E+07	-3.976E-02	6.939E-03
208	4	381.75	12	-1.440E+04	-3.010E+04	3.632E+03	-2.011E-02	7.816E+05	1.134E+07	-3.976E-02	7.031E-03
208	4	381.75	13	-3.322E+03	-3.010E+04	3.518E+03	-2.215E-02	7.399E+05	1.134E+07	-3.976E-02	6.695E-03
208	4	381.75	14	-3.254E+03	-3.010E+04	3.487E+03	-2.214E-02	7.566E+05	1.134E+07	-3.976E-02	6.787E-03
208	4	381.75	15	-1.439E+04	-3.010E+04	3.527E+03	-2.215E-02	7.372E+05	1.134E+07	-3.976E-02	6.682E-03
208	4	381.75	16	-1.432E+04	-3.010E+04	3.496E+03	-2.214E-02	7.539E+05	1.134E+07	-3.976E-02	6.774E-03
208	5	509.00	1	8.865E+03	-3.216E+04	-4.203E+03	5.988E-02	4.278E+05	7.434E+06	1.091E-08	-1.459E-09
208	5	509.00	2	8.934E+03	-3.216E+04	-4.234E+03	5.989E-02	4.484E+05	7.434E+06	1.091E-08	-1.457E-09
208	5	509.00	3	-2.203E+03	-3.215E+04	-4.195E+03	5.988E-02	4.240E+05	7.434E+06	1.091E-08	-1.461E-09
208	5	509.00	4	-2.135E+03	-3.215E+04	-4.226E+03	5.989E-02	4.447E+05	7.434E+06	1.091E-08	-1.458E-09
208	5	509.00	5	8.943E+03	-3.216E+04	-4.339E+03	5.786E-02	4.175E+05	7.433E+06	1.091E-08	-1.554E-09
208	5	509.00	6	9.011E+03	-3.216E+04	-4.370E+03	5.787E-02	4.382E+05	7.433E+06	1.091E-08	-1.552E-09
208	5	509.00	7	-2.126E+03	-3.216E+04	-4.331E+03	5.786E-02	4.137E+05	7.432E+06	1.091E-08	-1.555E-09
208	5	509.00	8	-2.057E+03	-3.216E+04	-4.362E+03	5.787E-02	4.344E+05	7.432E+06	1.091E-08	-1.553E-09
208	5	509.00	9	-3.398E+03	-3.225E+04	3.655E+03	-2.012E-02	-1.155E+05	7.371E+06	1.095E-08	1.591E-09
208	5	509.00	10	-3.329E+03	-3.225E+04	3.623E+03	-2.011E-02	-9.477E+04	7.371E+06	1.095E-08	1.593E-09
208	5	509.00	11	-1.447E+04	-3.225E+04	3.663E+03	-2.012E-02	-1.192E+05	7.370E+06	1.095E-08	1.589E-09
208	5	509.00	12	-1.440E+04	-3.225E+04	3.632E+03	-2.011E-02	-9.852E+04	7.370E+06	1.095E-08	1.592E-09
208	5	509.00	13	-3.320E+03	-3.226E+04	3.518E+03	-2.215E-02	-1.257E+05	7.369E+06	1.095E-08	1.496E-09
208	5	509.00	14	-3.251E+03	-3.226E+04	3.487E+03	-2.214E-02	-1.051E+05	7.369E+06	1.095E-08	1.498E-09
208	5	509.00	15	-1.439E+04	-3.225E+04	3.527E+03	-2.215E-02	-1.295E+05	7.369E+06	1.095E-08	1.495E-09
208	5	509.00	16	-1.432E+04	-3.225E+04	3.496E+03	-2.214E-02	-1.088E+05	7.369E+06	1.095E-08	1.497E-09
209	1	0.00	1	-4.129E+03	-3.963E+04	-6.270E+03	-7.351E-02	-5.312E+05	7.381E+06	0.000E+00	0.000E+00
209	1	0.00	2	-4.229E+03	-3.963E+04	-6.301E+03	-7.350E-02	-5.169E+05	7.381E+06	0.000E+00	0.000E+00
209	1	0.00	3	-1.341E+04	-3.963E+04	-6.248E+03	-7.351E-02	-5.274E+05	7.380E+06	0.000E+00	0.000E+00
209	1	0.00	4	-1.350E+04	-3.963E+04	-6.279E+03	-7.350E-02	-5.131E+05	7.380E+06	0.000E+00	0.000E+00
209	1	0.00	5	-4.171E+03	-3.963E+04	-6.461E+03	-7.550E-02	-5.470E+05	7.382E+06	0.000E+00	0.000E+00
209	1	0.00	6	-4.270E+03	-3.963E+04	-6.492E+03	-7.549E-02	-5.327E+05	7.382E+06	0.000E+00	0.000E+00

209	1	0.00	7	-1.345E+04	-3.963E+04	-6.439E+03	-7.550E-02	-5.432E+05	7.381E+06	0.000E+00	0.000E+00
209	1	0.00	8	-1.355E+04	-3.963E+04	-6.470E+03	-7.549E-02	-5.289E+05	7.381E+06	0.000E+00	0.000E+00
209	1	0.00	9	8.116E+03	-3.954E+04	4.611E+03	-1.521E-01	2.070E+05	7.422E+06	0.000E+00	0.000E+00
209	1	0.00	10	8.016E+03	-3.954E+04	4.580E+03	-1.520E-01	2.214E+05	7.422E+06	0.000E+00	0.000E+00
209	1	0.00	11	-1.160E+03	-3.953E+04	4.633E+03	-1.521E-01	2.108E+05	7.421E+06	0.000E+00	0.000E+00
209	1	0.00	12	-1.260E+03	-3.953E+04	4.602E+03	-1.520E-01	2.252E+05	7.421E+06	0.000E+00	0.000E+00
209	1	0.00	13	8.074E+03	-3.954E+04	4.420E+03	-1.540E-01	1.912E+05	7.423E+06	0.000E+00	0.000E+00
209	1	0.00	14	7.975E+03	-3.954E+04	4.389E+03	-1.540E-01	2.056E+05	7.423E+06	0.000E+00	0.000E+00
209	1	0.00	15	-1.202E+03	-3.953E+04	4.442E+03	-1.540E-01	1.950E+05	7.422E+06	0.000E+00	0.000E+00
209	1	0.00	16	-1.301E+03	-3.953E+04	4.411E+03	-1.540E-01	2.093E+05	7.422E+06	0.000E+00	0.000E+00
209	2	45.25	1	-4.129E+03	-4.040E+04	-6.270E+03	-7.351E-02	7.366E+04	5.570E+06	-1.633E-03	8.743E-05
209	2	45.25	2	-4.228E+03	-4.040E+04	-6.301E+03	-7.350E-02	8.943E+04	5.570E+06	-1.633E-03	1.013E-04
209	2	45.25	3	-1.340E+04	-4.040E+04	-6.248E+03	-7.351E-02	7.646E+04	5.569E+06	-1.633E-03	8.921E-05
209	2	45.25	4	-1.350E+04	-4.040E+04	-6.279E+03	-7.350E-02	9.223E+04	5.569E+06	-1.633E-03	1.031E-04
209	2	45.25	5	-4.170E+03	-4.040E+04	-6.461E+03	-7.550E-02	6.649E+04	5.571E+06	-1.634E-03	8.626E-05
209	2	45.25	6	-4.269E+03	-4.040E+04	-6.492E+03	-7.549E-02	8.226E+04	5.571E+06	-1.634E-03	1.001E-04
209	2	45.25	7	-1.345E+04	-4.039E+04	-6.439E+03	-7.550E-02	6.929E+04	5.571E+06	-1.634E-03	8.804E-05
209	2	45.25	8	-1.355E+04	-4.039E+04	-6.470E+03	-7.549E-02	8.506E+04	5.571E+06	-1.634E-03	1.019E-04
209	2	45.25	9	8.116E+03	-4.030E+04	4.611E+03	-1.521E-01	-3.228E+05	5.616E+06	-1.651E-03	-2.526E-04
209	2	45.25	10	8.017E+03	-4.030E+04	4.580E+03	-1.520E-01	-3.071E+05	5.616E+06	-1.651E-03	-2.388E-04
209	2	45.25	11	-1.160E+03	-4.030E+04	4.633E+03	-1.521E-01	-3.200E+05	5.615E+06	-1.651E-03	-2.509E-04
209	2	45.25	12	-1.259E+03	-4.030E+04	4.602E+03	-1.520E-01	-3.043E+05	5.615E+06	-1.651E-03	-2.370E-04
209	2	45.25	13	8.075E+03	-4.030E+04	4.420E+03	-1.540E-01	-3.300E+05	5.617E+06	-1.651E-03	-2.538E-04
209	2	45.25	14	7.976E+03	-4.030E+04	4.389E+03	-1.540E-01	-3.142E+05	5.617E+06	-1.651E-03	-2.399E-04
209	2	45.25	15	-1.201E+03	-4.030E+04	4.442E+03	-1.540E-01	-3.272E+05	5.616E+06	-1.651E-03	-2.520E-04
209	2	45.25	16	-1.300E+03	-4.030E+04	4.411E+03	-1.540E-01	-3.114E+05	5.616E+06	-1.651E-03	-2.382E-04
209	3	90.50	1	-4.128E+03	-4.117E+04	-6.270E+03	-7.351E-02	1.651E+05	3.725E+06	-1.880E-03	1.826E-04
209	3	90.50	2	-4.227E+03	-4.117E+04	-6.301E+03	-7.350E-02	1.822E+05	3.725E+06	-1.880E-03	2.016E-04
209	3	90.50	3	-1.340E+04	-4.116E+04	-6.248E+03	-7.351E-02	1.669E+05	3.724E+06	-1.880E-03	1.846E-04
209	3	90.50	4	-1.350E+04	-4.116E+04	-6.279E+03	-7.350E-02	1.840E+05	3.724E+06	-1.880E-03	2.036E-04
209	3	90.50	5	-4.169E+03	-4.116E+04	-6.461E+03	-7.550E-02	1.665E+05	3.726E+06	-1.881E-03	1.842E-04
209	3	90.50	6	-4.269E+03	-4.116E+04	-6.492E+03	-7.549E-02	1.837E+05	3.726E+06	-1.881E-03	2.032E-04
209	3	90.50	7	-1.345E+04	-4.116E+04	-6.439E+03	-7.550E-02	1.683E+05	3.725E+06	-1.881E-03	1.862E-04
209	3	90.50	8	-1.354E+04	-4.116E+04	-6.470E+03	-7.549E-02	1.855E+05	3.725E+06	-1.881E-03	2.052E-04
209	3	90.50	9	8.117E+03	-4.107E+04	4.611E+03	-1.521E-01	-3.392E+05	3.774E+06	-1.904E-03	-3.752E-04
209	3	90.50	10	8.018E+03	-4.107E+04	4.580E+03	-1.520E-01	-3.220E+05	3.774E+06	-1.904E-03	-3.562E-04
209	3	90.50	11	-1.159E+03	-4.107E+04	4.633E+03	-1.521E-01	-3.374E+05	3.774E+06	-1.904E-03	-3.732E-04
209	3	90.50	12	-1.258E+03	-4.107E+04	4.602E+03	-1.520E-01	-3.202E+05	3.774E+06	-1.904E-03	-3.542E-04
209	3	90.50	13	8.076E+03	-4.107E+04	4.420E+03	-1.540E-01	-3.377E+05	3.776E+06	-1.905E-03	-3.735E-04
209	3	90.50	14	7.976E+03	-4.107E+04	4.389E+03	-1.540E-01	-3.205E+05	3.776E+06	-1.905E-03	-3.545E-04
209	3	90.50	15	-1.200E+03	-4.106E+04	4.442E+03	-1.540E-01	-3.359E+05	3.775E+06	-1.905E-03	-3.715E-04
209	3	90.50	16	-1.300E+03	-4.106E+04	4.411E+03	-1.540E-01	-3.187E+05	3.775E+06	-1.905E-03	-3.525E-04
209	4	135.75	1	-4.127E+03	-4.193E+04	-6.270E+03	-7.351E-02	4.077E+05	1.844E+06	-1.185E-03	1.986E-04
209	4	135.75	2	-4.226E+03	-4.193E+04	-6.301E+03	-7.350E-02	4.262E+05	1.844E+06	-1.185E-03	2.133E-04
209	4	135.75	3	-1.340E+04	-4.193E+04	-6.248E+03	-7.351E-02	4.085E+05	1.844E+06	-1.185E-03	1.999E-04
209	4	135.75	4	-1.350E+04	-4.193E+04	-6.279E+03	-7.350E-02	4.271E+05	1.844E+06	-1.185E-03	2.145E-04
209	4	135.75	5	-4.169E+03	-4.193E+04	-6.461E+03	-7.550E-02	4.178E+05	1.846E+06	-1.185E-03	2.022E-04
209	4	135.75	6	-4.268E+03	-4.193E+04	-6.492E+03	-7.549E-02	4.364E+05	1.846E+06	-1.185E-03	2.169E-04
209	4	135.75	7	-1.344E+04	-4.193E+04	-6.439E+03	-7.550E-02	4.186E+05	1.846E+06	-1.185E-03	2.035E-04
209	4	135.75	8	-1.354E+04	-4.193E+04	-6.470E+03	-7.549E-02	4.372E+05	1.846E+06	-1.185E-03	2.181E-04
209	4	135.75	9	8.118E+03	-4.184E+04	4.611E+03	-1.521E-01	-5.067E+05	1.899E+06	-1.203E-03	-3.223E-04
209	4	135.75	10	8.019E+03	-4.184E+04	4.580E+03	-1.520E-01	-4.881E+05	1.899E+06	-1.203E-03	-3.077E-04
209	4	135.75	11	-1.158E+03	-4.183E+04	4.633E+03	-1.521E-01	-5.059E+05	1.898E+06	-1.203E-03	-3.211E-04
209	4	135.75	12	-1.257E+03	-4.183E+04	4.602E+03	-1.520E-01	-4.873E+05	1.898E+06	-1.203E-03	-3.065E-04
209	4	135.75	13	8.077E+03	-4.183E+04	4.420E+03	-1.540E-01	-4.966E+05	1.900E+06	-1.204E-03	-3.187E-04
209	4	135.75	14	7.977E+03	-4.183E+04	4.389E+03	-1.540E-01	-4.780E+05	1.900E+06	-1.204E-03	-3.041E-04
209	4	135.75	15	-1.200E+03	-4.183E+04	4.442E+03	-1.540E-01	-4.958E+05	1.900E+06	-1.204E-03	-3.175E-04
209	4	135.75	16	-1.299E+03	-4.183E+04	4.411E+03	-1.540E-01	-4.772E+05	1.900E+06	-1.204E-03	-3.028E-04
209	5	181.00	1	-4.126E+03	-4.270E+04	-6.270E+03	-7.351E-02	6.777E+05	-7.034E+04	-1.140E-10	5.381E-11
209	5	181.00	2	-4.225E+03	-4.270E+04	-6.301E+03	-7.350E-02	6.977E+05	-7.035E+04	-1.140E-10	5.141E-11
209	5	181.00	3	-1.340E+04	-4.269E+04	-6.248E+03	-7.351E-02	6.775E+05	-7.034E+04	-1.140E-10	5.381E-11
209	5	181.00	4	-1.350E+04	-4.269E+04	-6.279E+03	-7.350E-02	6.975E+05	-7.035E+04	-1.140E-10	5.142E-11

209	5	181.00	5	-4.168E+03	-4.270E+04	-6.461E+03	-7.550E-02	6.964E+05	-6.886E+04	-1.139E-10	5.920E-11
209	5	181.00	6	-4.267E+03	-4.270E+04	-6.492E+03	-7.549E-02	7.164E+05	-6.887E+04	-1.139E-10	5.681E-11
209	5	181.00	7	-1.344E+04	-4.269E+04	-6.439E+03	-7.550E-02	6.963E+05	-6.886E+04	-1.140E-10	5.921E-11
209	5	181.00	8	-1.354E+04	-4.269E+04	-6.470E+03	-7.549E-02	7.163E+05	-6.887E+04	-1.140E-10	5.681E-11
209	5	181.00	9	8.119E+03	-4.260E+04	4.611E+03	-1.521E-01	-7.017E+05	-1.172E+04	-1.196E-10	-2.397E-11
209	5	181.00	10	8.020E+03	-4.260E+04	4.580E+03	-1.520E-01	-6.817E+05	-1.173E+04	-1.196E-10	-2.636E-11
209	5	181.00	11	-1.157E+03	-4.260E+04	4.633E+03	-1.521E-01	-7.019E+05	-1.172E+04	-1.197E-10	-2.396E-11
209	5	181.00	12	-1.256E+03	-4.260E+04	4.602E+03	-1.520E-01	-6.819E+05	-1.173E+04	-1.197E-10	-2.636E-11
209	5	181.00	13	8.077E+03	-4.260E+04	4.420E+03	-1.540E-01	-6.830E+05	-1.024E+04	-1.196E-10	-1.857E-11
209	5	181.00	14	7.978E+03	-4.260E+04	4.389E+03	-1.540E-01	-6.630E+05	-1.025E+04	-1.196E-10	-2.097E-11
209	5	181.00	15	-1.199E+03	-4.259E+04	4.442E+03	-1.540E-01	-6.831E+05	-1.024E+04	-1.196E-10	-1.857E-11
209	5	181.00	16	-1.298E+03	-4.260E+04	4.411E+03	-1.540E-01	-6.631E+05	-1.025E+04	-1.196E-10	-2.097E-11
210	1	0.00	1	7.975E+03	-3.954E+04	-4.389E+03	1.540E-01	-2.056E+05	7.423E+06	0.000E+00	0.000E+00
210	1	0.00	2	8.074E+03	-3.954E+04	-4.420E+03	1.540E-01	-1.912E+05	7.423E+06	0.000E+00	0.000E+00
210	1	0.00	3	-1.301E+03	-3.953E+04	-4.411E+03	1.540E-01	-2.093E+05	7.422E+06	0.000E+00	0.000E+00
210	1	0.00	4	-1.202E+03	-3.953E+04	-4.442E+03	1.540E-01	-1.950E+05	7.422E+06	0.000E+00	0.000E+00
210	1	0.00	5	8.016E+03	-3.954E+04	-4.580E+03	1.520E-01	-2.214E+05	7.422E+06	0.000E+00	0.000E+00
210	1	0.00	6	8.116E+03	-3.954E+04	-4.611E+03	1.521E-01	-2.070E+05	7.422E+06	0.000E+00	0.000E+00
210	1	0.00	7	-1.260E+03	-3.953E+04	-4.602E+03	1.520E-01	-2.252E+05	7.421E+06	0.000E+00	0.000E+00
210	1	0.00	8	-1.160E+03	-3.953E+04	-4.633E+03	1.521E-01	-2.108E+05	7.421E+06	0.000E+00	0.000E+00
210	1	0.00	9	-4.270E+03	-3.963E+04	6.492E+03	7.549E-02	5.327E+05	7.382E+06	0.000E+00	0.000E+00
210	1	0.00	10	-4.171E+03	-3.963E+04	6.461E+03	7.550E-02	5.470E+05	7.382E+06	0.000E+00	0.000E+00
210	1	0.00	11	-1.355E+04	-3.963E+04	6.470E+03	7.549E-02	5.289E+05	7.381E+06	0.000E+00	0.000E+00
210	1	0.00	12	-1.345E+04	-3.963E+04	6.439E+03	7.550E-02	5.432E+05	7.381E+06	0.000E+00	0.000E+00
210	1	0.00	13	-4.229E+03	-3.963E+04	6.301E+03	7.350E-02	5.169E+05	7.381E+06	0.000E+00	0.000E+00
210	1	0.00	14	-4.129E+03	-3.963E+04	6.270E+03	7.351E-02	5.312E+05	7.381E+06	0.000E+00	0.000E+00
210	1	0.00	15	-1.350E+04	-3.963E+04	6.279E+03	7.350E-02	5.131E+05	7.380E+06	0.000E+00	0.000E+00
210	1	0.00	16	-1.341E+04	-3.963E+04	6.248E+03	7.351E-02	5.274E+05	7.380E+06	0.000E+00	0.000E+00
210	2	45.25	1	7.976E+03	-4.030E+04	-4.389E+03	1.540E-01	3.142E+05	5.617E+06	-1.651E-03	2.399E-04
210	2	45.25	2	8.075E+03	-4.030E+04	-4.420E+03	1.540E-01	3.300E+05	5.617E+06	-1.651E-03	2.538E-04
210	2	45.25	3	-1.300E+03	-4.030E+04	-4.411E+03	1.540E-01	3.114E+05	5.616E+06	-1.651E-03	2.382E-04
210	2	45.25	4	-1.201E+03	-4.030E+04	-4.442E+03	1.540E-01	3.272E+05	5.616E+06	-1.651E-03	2.520E-04
210	2	45.25	5	8.017E+03	-4.030E+04	-4.580E+03	1.520E-01	3.071E+05	5.616E+06	-1.651E-03	2.388E-04
210	2	45.25	6	8.116E+03	-4.030E+04	-4.611E+03	1.521E-01	3.228E+05	5.616E+06	-1.651E-03	2.526E-04
210	2	45.25	7	-1.259E+03	-4.030E+04	-4.602E+03	1.520E-01	3.043E+05	5.615E+06	-1.651E-03	2.370E-04
210	2	45.25	8	-1.160E+03	-4.030E+04	-4.633E+03	1.521E-01	3.200E+05	5.615E+06	-1.651E-03	2.509E-04
210	2	45.25	9	-4.269E+03	-4.040E+04	6.492E+03	7.549E-02	-8.226E+04	5.571E+06	-1.634E-03	-1.001E-04
210	2	45.25	10	-4.170E+03	-4.040E+04	6.461E+03	7.550E-02	-6.649E+04	5.571E+06	-1.634E-03	-8.626E-05
210	2	45.25	11	-1.355E+04	-4.039E+04	6.470E+03	7.549E-02	-8.506E+04	5.571E+06	-1.634E-03	-1.019E-04
210	2	45.25	12	-1.345E+04	-4.039E+04	6.439E+03	7.550E-02	-6.929E+04	5.571E+06	-1.634E-03	-8.804E-05
210	2	45.25	13	-4.228E+03	-4.040E+04	6.301E+03	7.350E-02	-8.943E+04	5.570E+06	-1.633E-03	-1.013E-04
210	2	45.25	14	-4.129E+03	-4.040E+04	6.270E+03	7.351E-02	-7.366E+04	5.570E+06	-1.633E-03	-8.743E-05
210	2	45.25	15	-1.350E+04	-4.040E+04	6.279E+03	7.350E-02	-9.223E+04	5.569E+06	-1.633E-03	-1.031E-04
210	2	45.25	16	-1.340E+04	-4.040E+04	6.248E+03	7.351E-02	-7.646E+04	5.569E+06	-1.633E-03	-8.921E-05
210	3	90.50	1	7.976E+03	-4.107E+04	-4.389E+03	1.540E-01	3.205E+05	3.776E+06	-1.905E-03	3.545E-04
210	3	90.50	2	8.076E+03	-4.107E+04	-4.420E+03	1.540E-01	3.377E+05	3.776E+06	-1.905E-03	3.735E-04
210	3	90.50	3	-1.300E+03	-4.106E+04	-4.411E+03	1.540E-01	3.187E+05	3.775E+06	-1.905E-03	3.525E-04
210	3	90.50	4	-1.200E+03	-4.106E+04	-4.442E+03	1.540E-01	3.359E+05	3.775E+06	-1.905E-03	3.715E-04
210	3	90.50	5	8.018E+03	-4.107E+04	-4.580E+03	1.520E-01	3.220E+05	3.774E+06	-1.904E-03	3.562E-04
210	3	90.50	6	8.117E+03	-4.107E+04	-4.611E+03	1.521E-01	3.392E+05	3.774E+06	-1.904E-03	3.752E-04
210	3	90.50	7	-1.258E+03	-4.107E+04	-4.602E+03	1.520E-01	3.202E+05	3.774E+06	-1.904E-03	3.542E-04
210	3	90.50	8	-1.159E+03	-4.107E+04	-4.633E+03	1.521E-01	3.374E+05	3.774E+06	-1.904E-03	3.732E-04
210	3	90.50	9	-4.269E+03	-4.116E+04	6.492E+03	7.549E-02	-1.837E+05	3.726E+06	-1.881E-03	-2.032E-04
210	3	90.50	10	-4.169E+03	-4.116E+04	6.461E+03	7.550E-02	-1.665E+05	3.726E+06	-1.881E-03	-1.842E-04
210	3	90.50	11	-1.354E+04	-4.116E+04	6.470E+03	7.549E-02	-1.855E+05	3.725E+06	-1.881E-03	-2.052E-04
210	3	90.50	12	-1.345E+04	-4.116E+04	6.439E+03	7.550E-02	-1.683E+05	3.725E+06	-1.881E-03	-1.862E-04
210	3	90.50	13	-4.227E+03	-4.117E+04	6.301E+03	7.350E-02	-1.822E+05	3.725E+06	-1.880E-03	-2.016E-04
210	3	90.50	14	-4.128E+03	-4.117E+04	6.270E+03	7.351E-02	-1.651E+05	3.725E+06	-1.880E-03	-1.826E-04
210	3	90.50	15	-1.350E+04	-4.116E+04	6.279E+03	7.350E-02	-1.840E+05	3.724E+06	-1.880E-03	-2.036E-04
210	3	90.50	16	-1.340E+04	-4.116E+04	6.248E+03	7.351E-02	-1.669E+05	3.724E+06	-1.880E-03	-1.846E-04
210	4	135.75	1	7.977E+03	-4.183E+04	-4.389E+03	1.540E-01	4.780E+05	1.900E+06	-1.204E-03	3.041E-04
210	4	135.75	2	8.077E+03	-4.183E+04	-4.420E+03	1.540E-01	4.966E+05	1.900E+06	-1.204E-03	3.187E-04