

24BA067 (Stage 1)									24BA067 (Stage 2)									24BA067 (Stage 3)									24BA067 (Stage 4)								
Time	Pc	Pp	Diff. Stress	Axial Strain	Radial Strain	Volume Strain	Young's Modulus	Poisson's Ratio	Time	Pc	Pp	Diff. Stress	Axial Strain	Radial Strain	Volume Strain	Young's Modulus	Poisson's Ratio	Time	Pc	Pp	Diff. Stress	Axial Strain	Radial Strain	Volume Strain	Young's Modulus	Poisson's Ratio	Time	Pc	Pp	Diff. Stress	Axial Strain	Radial Strain	Volume Strain	Young's Modulus	Poisson's Ratio
[sec]	[psi]	[psi]	[psi]	[in/in]	[in/in]	[in3/in3]	[psi]	[-]	[sec]	[psi]	[psi]	[psi]	[in/in]	[in/in]	[in3/in3]	[psi]	[-]	[sec]	[psi]	[psi]	[psi]	[in/in]	[in/in]	[in3/in3]	[psi]	[-]	[sec]	[psi]	[psi]	[psi]	[in/in]	[in/in]	[in3/in3]	[psi]	[-]
2984.040	1200	0	0	0.0000	0.0000	0.0000			1121.420	2201	0	0	0.0000	0.0000	0.0000			1441.540	4200	0	0	0.0000	0.0000	0.0000			1358.920	6199	0	0	0.0000	0.0000	0.0000		
2985.040	1199	0	-110	0.0000	0.0000	0.0000			1122.420	2200	0	0	0.0000	0.0000	0.0000			1442.540	4199	0	15	0.0000	0.0000	0.0000			1359.920	6199	0	-55	0.0000	0.0000	0.0000		
2986.040	1201	0	-73	0.0000	0.0000	0.0000			1123.420	2201	0	0	0.0000	0.0000	0.0000			1443.540	4201	0	-59	0.0000	0.0000	0.0000			1360.920	6201	0	18	0.0000	0.0000	0.0000		
2987.040	1202	0	-73	0.0000	0.0000	0.0000			1124.420	2201	0	-37	0.0000	0.0000	0.0000			1444.540	4200	0	51	0.0000	0.0000	0.0000			1361.920	6198	0	55	0.0000	0.0000	0.0000		
2988.040	1200	0	-37	0.0000	0.0000	0.0000			1125.420	2199	0	0	0.0000	0.0000	0.0000			1445.540	4200	0	-22	0.0000	0.0000	0.0000			1362.920	6200	0	55	0.0000	0.0000	0.0000		
2989.040	1200	0	-73	0.0000	0.0000	0.0000			1126.420	2201	0	0	0.0000	0.0000	0.0000			1446.540	4199	0	88	0.0000	0.0000	0.0000			1363.920	6200	0	55	0.0000	0.0000	0.0000		
2990.040	1199	0	-37	0.0000	0.0000	0.0000			1127.420	2200	0	0	0.0000	0.0000	0.0000			1447.540	4199	0	51	0.0000	0.0000	0.0000			1364.910	6200	0	55	0.0000	0.0000	0.0000		
2991.040	1203	0	0	0.0000	0.0000	0.0000			1128.420	2200	0	0	0.0000	0.0000	0.0000			1448.540	4199	0	51	0.0000	0.0000	0.0000			1365.910	6200	0	55	0.0000	0.0000	0.0000		
2992.040	1201	0	-37	0.0000	0.0000	0.0000			1129.420	2199	0	-37	0.0000	0.0000	0.0000			1449.540	4200	0	51	0.0000	0.0000	0.0000			1366.910	6199	0	55	0.0000	0.0000	0.0000		
2993.040	1201	0	-37	0.0000	0.0000	0.0000			1130.420	2201	0	0	0.0000	0.0000	0.0000			1450.540	4199	0	51	0.0000	0.0000	0.0000			1367.910	6200	0	55	0.0000	0.0000	0.0000		
2994.040	1201	0	-37	0.0000	0.0000	0.0000			1131.420	2201	0	37	0.0000	0.0000	0.0000			1451.540	4200	0	15	0.0000	0.0000	0.0000			1368.910	6201	0	-18	0.0000	0.0000	0.0000		
2995.040	1202	0	-37	0.0000	0.0000	0.0000			1132.420	2201	0	37	0.0000	0.0000	0.0000			1452.540	4200	0	15	0.0000	0.0000	0.0000			1369.910	6199	0	18	0.0000	0.0000	0.0000		
2996.040	1199	0	-73	0.0000	0.0000	0.0000			1133.420	2201	0	37	0.0000	0.0000	0.0000			1453.540	4200	0	88	0.0000	0.0000	0.0000			1370.910	6200	0	18	0.0000	0.0000	0.0000		
2997.040	1199	0	-37	0.0000	0.0000	0.0000			1134.420	2199	0	0	0.0000	0.0000	0.0000			1454.540	4200	0	15	0.0000	0.0000	0.0000			1371.910	6201	0	18	0.0000	0.0000	0.0000		
2998.040	1201	0	-37	0.0000	0.0000	0.0000			1135.420	2201	0	-37	0.0000	0.0000	0.0000			1455.540	4200	0	-22	0.0000	0.0000	0.0000			1372.910	6199	0	-55	0.0000	0.0000	0.0000		
2999.040	1200	0	-73	0.0000	0.0000	0.0000			1136.420	2202	0	0	0.0000	0.0000	0.0000			1456.540	4201	0	51	0.0000	0.0000	0.0000			1373.910	6202	0	55	0.0000	0.0000	0.0000		
3000.030	1201	0	-37	0.0000	0.0000	0.0000			1137.410	2200	0	73	0.0000	0.0000	0.0000			1457.540	4198	0	88	0.0000	0.0000	0.0000			1374.910	6199	0	55	0.0000	0.0000	0.0000		
3001.030	1199	0	0	0.0000	0.0000	0.0000			1138.410	2200	0	73	0.0000	0.0000	0.0000			1458.540	4202	0	161	0.0000	0.0000	0.0000			1375.910	6199	0	55	0.0000	0.0000	0.0000		
3002.030	1201	0	-73	0.0000	0.0000	0.0000			1139.410	2201	0	0	0.0000	0.0000	0.0000			1459.540	4198	0	51	0.0000	0.0000	0.0000			1376.910	6200	0	55	0.0000	0.0000	0.0000		
3003.030	1201	0	-37	0.0000	0.0000	0.0000			1140.410	2200	0	110	0.0000	0.0000	0.0000			1460.540	4199	0	88	0.0000	0.0000	0.0000			1377.910	6200	0	55	0.0000	0.0000	0.0000		
3004.030	1201	0	37	0.0000	0.0000	0.0000			1141.410	2200	0	73	0.0000	0.0000	0.0000			1461.540	4201	0	51	0.0000	0.0000	0.0000			1378.910	6200	0	55	0.0000	0.0000	0.0000		
3005.030	1200	0	37	0.0000	0.0000	0.0000			1142.410	2201	0	0	0.0000	0.0000	0.0000			1462.540	4201	0	88	0.0000	0.0000	0.0000			1379.910	6199	0	55	0.0000	0.0000	0.0000		
3006.030	1201	0	0	0.0000	0.0000	0.0000			1143.410	2201	0	37	0.0000	0.0000	0.0000			1463.540	4202	0	88	0.0000	0.0000	0.0000			1380.910	6199	0	55	0.0000	0.0000</			

3059.020	1200	0	146	0.0000	0.0000	0.0000	2.52E+06	0.053	1196.400	2201	0	146	0.0000	0.0000	0.0000	4.29E+06	0.058	1516.510	4200	0	417	0.0000	0.0000	0.0000	7.52E+06	0.095	1433.890	6200	0	238	0.0001	0.0000	0.0001	1.55E+06	0.091
3060.020	1200	0	110	0.0000	0.0000	0.0000	2.35E+06	0.052	1197.400	2200	0	146	0.0000	0.0000	0.0000	4.56E+06	0.054	1517.510	4200	0	564	0.0000	0.0000	0.0000	7.49E+06	0.098	1434.890	6199	0	238	0.0001	0.0000	0.0000	1.37E+06	0.094
3061.020	1199	0	183	0.0000	0.0000	0.0000	2.35E+06	0.043	1198.400	2201	0	220	0.0000	0.0000	0.0000	4.89E+06	0.052	1518.510	4199	0	637	0.0000	0.0000	0.0000	7.53E+06	0.094	1435.890	6201	0	275	0.0000	0.0000	0.0000	1.41E+06	0.093
3062.010	1200	0	110	0.0000	0.0000	0.0000	2.51E+06	0.060	1199.400	2199	0	146	0.0000	0.0000	0.0000	4.73E+06	0.054	1519.510	4201	0	637	0.0001	0.0000	0.0001	7.47E+06	0.097	1436.890	6200	0	275	0.0000	0.0000	0.0000	1.50E+06	0.090
3063.010	1200	0	110	0.0001	0.0000	0.0000	2.45E+06	0.054	1200.390	2200	0	220	0.0001	0.0000	0.0000	4.65E+06	0.058	1520.510	4199	0	454	0.0001	0.0000	0.0001	7.37E+06	0.100	1437.890	6201	0	275	0.0000	0.0000	0.0000	1.67E+06	0.088
3064.010	1203	0	146	0.0000	0.0000	0.0000	2.50E+06	0.055	1201.390	2199	0	183	0.0001	0.0000	0.0000	4.71E+06	0.059	1521.510	4199	0	417	0.0001	0.0000	0.0001	7.32E+06	0.098	1438.890	6199	0	165	0.0001	0.0000	0.0001	1.68E+06	0.096
3065.010	1199	0	183	0.0000	0.0000	0.0000	2.69E+06	0.051	1202.390	2199	0	146	0.0001	0.0000	0.0001	4.83E+06	0.054	1522.510	4198	0	527	0.0001	0.0000	0.0001	7.41E+06	0.099	1439.890	6201	0	238	0.0001	0.0000	0.0001	1.77E+06	0.091
3066.010	1202	0	183	0.0000	0.0000	0.0000	2.66E+06	0.048	1203.390	2201	0	183	0.0000	0.0000	0.0000	5.00E+06	0.053	1523.510	4198	0	637	0.0001	0.0000	0.0001	7.49E+06	0.101	1440.890	6199	0	238	0.0001	0.0000	0.0001	1.67E+06	0.090
3067.010	1200	0	183	0.0000	0.0000	0.0000	2.77E+06	0.048	1204.390	2201	0	220	0.0000	0.0000	0.0000	5.23E+06	0.053	1524.510	4200	0	783	0.0001	0.0000	0.0001	7.59E+06	0.099	1441.890	6202	0	348	0.0001	0.0000	0.0001	1.74E+06	0.093
3068.010	1199	0	146	0.0000	0.0000	0.0000	2.64E+06	0.047	1205.390	2201	0	146	0.0000	0.0000	0.0000	5.36E+06	0.055	1525.510	4200	0	820	0.0001	0.0000	0.0001	7.51E+06	0.102	1442.890	6199	0	275	0.0001	0.0000	0.0000	1.96E+06	0.091
3069.010	1200	0	183	0.0001	0.0000	0.0000	2.62E+06	0.045	1206.390	2201	0	146	0.0001	0.0000	0.0000	5.36E+06	0.055	1526.510	4199	0	674	0.0001	0.0000	0.0001	7.34E+06	0.106	1443.890	6201	0	275	0.0000	0.0000	0.0000	1.67E+06	0.094
3070.010	1200	0	183	0.0000	0.0000	0.0000	2.72E+06	0.043	1207.390	2201	0	183	0.0001	0.0000	0.0001	5.42E+06	0.057	1527.510	4199	0	637	0.0001	0.0000	0.0001	7.39E+06	0.108	1444.890	6199	0	238	0.0000	0.0000	0.0000	1.68E+06	0.099
3071.010	1201	0	220	0.0000	0.0000	0.0000	2.81E+06	0.043	1208.390	2201	0	183	0.0001	0.0000	0.0000	5.52E+06	0.057	1528.510	4202	0	710	0.0001	0.0000	0.0001	7.43E+06	0.110	1445.890	6199	0	348	0.0001	0.0000	0.0001	1.81E+06	0.093
3072.010	1199	0	256	0.0000	0.0000	0.0000	2.70E+06	0.045	1209.390	2201	0	256	0.0001	0.0000	0.0000	5.68E+06	0.057	1529.500	4201	0	930	0.0001	0.0000	0.0001	7.48E+06	0.110	1446.890	6199	0	311	0.0001	0.0000	0.0001	2.08E+06	0.094
3073.010	1199	0	146	0.0000	0.0000	0.0000	2.80E+06	0.045	1210.390	2200	0	256	0.0001	0.0000	0.0001	5.78E+06	0.059	1530.500	4201	0	966	0.0001	0.0000	0.0001	7.59E+06	0.111	1447.890	6198	0	275	0.0000	0.0000	0.0000	2.18E+06	0.098
3074.010	1199	0	110	0.0000	0.0000	0.0000	2.86E+06	0.047	1211.390	2201	0	256	0.0000	0.0000	0.0000	5.64E+06	0.063	1531.500	4201	0	1003	0.0001	0.0000	0.0001	7.59E+06	0.112	1448.890	6200	0	275	0.0001	0.0000	0.0001	2.31E+06	0.094
3075.010	1201	0	183	0.0001	0.0000	0.0001	2.70E+06	0.048	1212.390	2201	0	220	0.0001	0.0000	0.0001	5.73E+06	0.063	1532.500	4201	0	820	0.0001	0.0000	0.0001	7.58E+06	0.115	1449.890	6200	0	311	0.0001	0.0000	0.0000	2.39E+06	0.093
3076.010	1201	0	183	0.0000	0.0000	0.0000	2.61E+06	0.048	1213.390	2201	0	293	0.0001	0.0000	0.0001	5.81E+06	0.066	1533.500	4199	0	893	0.0001	0.0000	0.0001	7.54E+06	0.116	1450.890	6199	0	275	0.0001	0.0000	0.0000	2.47E+06	0.082
3077.010	1201	0	220	0.0000	0.0000	0.0000	2.51E+06	0.049	1214.140	2201	0	293	0.0001	0.0000	0.0001	5.89E+06	0.068	1534.500	4199	0	966	0.0001	0.0000	0.0001	7.46E+06	0.120	1451.890	6199	0	348	0.0001	0.0000	0.0001	2.41E+06	0.081
3078.010	1198	0	220	0.0000	0.0000	0.0000	2.49E+06	0.051	1215.140	2199	0	366	0.0001	0.0000	0.0001	6.02E+06	0.067	1535.500	4200	0	1076	0.0001	0.0000	0.0001	7.48E+06	0.123	1452.890	6201	0	275	0.0001	0.0000	0.0001	2.43E+06	0.078
3079.010	1199	0	146	0.0001	0.0000	0.0000	2.51E+06	0.046	1216.140	2201	0	329	0.0001	0.0000	0.0001	6.19E+06	0.067	1536.500	4199	0	1150	0.0001	0.0000	0.0001	7.47E+06	0.125	1453.890	6200	0	311	0.0000	0.0000	0.0000	2.45E+06	0.081
3080.010	1197	0	183	0.0000	0.0000	0.0000	2.56E+06	0.042	1217.140	2201	0	476	0.0001	0.0000	0.0001	6.23E+06	0.068	1537.500	4201	0	1113	0.0001	0.0000	0.0001	7.43E+06	0.127	1454.890	6199	0	311	0.0001	0.0000	0.0001	2.51E+06	0.080
3081.010	1200	0	220	0.0001	0.0000	0.0001	2.59E+06	0.039	1218.130	2200	0	476	0.0001	0.0000	0.0001	6.26E+06	0.068	1538.500	4199	0	1040	0.0001	0.0000	0.0001	7.43E+06	0.128	1455.890	6202	0	348	0.0001	0.0000	0.0000	2.41E+06	0.079
3082.010	1201	0	183	0.0000	0.0000	0.0000	2.90E+06	0.033	1219.130	2201	0	476	0.0001	0.0000	0.0001	6.20E+06	0.069	1539.500	4199	0	1003	0.0001	0.0000	0.0001	7.50E+06	0.128	1456.890	6199	0	238	0.0001	0.0000	0.0001	2.62E+06	0.095
3083.010	1201	0	220	0.0001	0.0000	0.0000	3.13E+06	0.033	1220.130	2200	0	512	0.0001	0.0000	0.0001	6.27E+06	0.070	1540.500	4201	0	1040	0.0001	0.0000	0.0001	7.54E+06	0.132	1457.890	6199	0	311	0.0001	0.0000	0.0001	2.69E+06	0.109
3084.010	1199	0	220	0.0001	0.0000	0.0000	3.33E+06	0.029	1221.130	2200	0	586	0.0001	0.0000	0.0001	6.35E+06	0.069	1541.500	4200	0	1259	0.0001	0.0000	0.0001	7.56E+06	0.133	1458.880	6199	0	275	0.0001	0.0000	0.0001	2.70E+06	0.111
3085.010	1200	0	256	0.0000	0.0000	0.0000	3.58E+06	0.028	1222.130	2201	0	622	0.0001	0.0000	0.0001	6.48E+06	0.071	1542.500	4199	0	1296	0.0002	0.0000	0.0001	7.75E+06	0.134	1459.880	6200	0	275	0.0001	0.0000	0.0001	2.95E+06	0.111
3086.010	1201	0	220	0.0001	0.0000	0.0001	3.69E+06	0.024	1223.130	2200	0	696	0.0001	0.0000	0.0001	6.40E+06	0.074	1543.500	4201	0	1406	0.0002	0.0000	0.0002	7.83E+06	0.135	1460.880	6200	0	348	0.0001	0.0000	0.0001	3.22E+06	0.111
3087.010	1200	0	293	0.0001	0.0000	0.0001	4.00E+06	0.026	1224.130	2200	0	586	0.0001	0.0000	0.0001	6.39E+06	0.078	1544.500	4200	0	1259	0.0002	0.0000	0.0001	7.99E+06	0.139	1461.880	6200	0	348	0.0001	0.0000	0.0001	3.83E+06	0.118
3088.010	1201	0	220	0.0001	0.0000	0.0001	4.25E+06	0.027	1225.130	2200	0	549	0.0001	0.0000	0.0001	6.31E+06	0.079	1545.500	4199	0	1150	0.0002	0.0000	0.0001	8.03E+06	0.138	1462.880	6200	0	421	0.0001	0.0000	0.0001	4.94E+06	0.108
3089.010	1200	0	256	0.0001	0.0000	0.0001	4.27E+06	0.030	1226.130	2200	0	549	0.0001	0.0000	0.0001	6.39E+06	0.080	1546.500	4201	0	1223	0.0002	0.0000	0.0001	7.95E+06	0.138	1463.880	6201	0	348	0.0001	0.0000	0.0001	5.14E+06	0.119
3090.010	1200	0	366	0.0000	0.0000	0.0000	4.40E+06	0.032	1227.130	2202	0	659	0.0001	0.0000	0.0001	6.39E+06	0.083	1547.500	4201	0	1479	0.0002	0.0000	0.0001	7.89E+06	0.141	1464.880	6200	0	384	0.0001	0.0000	0.0001	5.41E+06	0.119
3091.010	1199	0	256	0.0001	0.0000	0.0001	4.56E+06	0.033	1228.130	2202	0	805	0.0001	0.0000	0.0001	6.40E+06	0.083	1548.500	4201	0	1552	0.0002	0.0000	0.0001	7.93E+06	0.142	1465.880	6199	0	348	0.0001	0.0000	0.0001	6.00E+06	0.118
3092.010	1199	0	293	0.0000	0.0000	0.000																													

3137.980	1203	0	1208	0.0002	0.0000	0.0002	5.88E+06	0.097	1275.120	2201	0	2050	0.0003	0.0000	0.0002	6.90E+06	0.140	1595.480	4200	0	3127	0.0003	0.0000	0.0003	9.10E+06	0.173	1512.390	6200	0	1483	0.0002	0.0000	0.0002	8.52E+06	0.164
3138.980	1200	0	1245	0.0002	0.0000	0.0002	5.91E+06	0.096	1276.120	2201	0	2160	0.0003	0.0000	0.0003	6.85E+06	0.140	1596.480	4201	0	3090	0.0004	0.0000	0.0003	9.15E+06	0.173	1513.390	6200	0	1593	0.0002	0.0000	0.0002	8.57E+06	0.163
3139.980	1200	0	1208	0.0002	0.0000	0.0002	5.88E+06	0.099	1277.120	2201	0	2233	0.0003	0.0000	0.0003	6.84E+06	0.142	1597.480	4199	0	3163	0.0003	0.0000	0.0002	9.07E+06	0.174	1514.390	6199	0	1702	0.0002	0.0000	0.0002	8.43E+06	0.163
3140.980	1200	0	1208	0.0002	0.0000	0.0002	5.89E+06	0.100	1278.120	2201	0	2197	0.0003	0.0000	0.0003	6.73E+06	0.143	1598.480	4200	0	3017	0.0004	0.0000	0.0003	8.91E+06	0.174	1515.390	6200	0	1666	0.0002	0.0000	0.0002	8.50E+06	0.167
3141.980	1200	0	1281	0.0002	0.0000	0.0002	5.89E+06	0.102	1279.120	2201	0	2160	0.0003	0.0000	0.0003	6.70E+06	0.145	1599.480	4202	0	2980	0.0004	0.0000	0.0003	8.84E+06	0.176	1516.390	6200	0	1776	0.0002	0.0000	0.0002	8.49E+06	0.169
3142.980	1201	0	1318	0.0002	0.0000	0.0002	5.94E+06	0.103	1280.110	2201	0	2123	0.0003	0.0000	0.0003	6.69E+06	0.144	1600.480	4201	0	3127	0.0004	0.0000	0.0003	8.89E+06	0.177	1517.390	6199	0	1849	0.0002	0.0000	0.0002	8.47E+06	0.168
3143.980	1200	0	1318	0.0003	0.0000	0.0002	5.96E+06	0.104	1281.110	2201	0	2270	0.0003	0.0000	0.0003	6.71E+06	0.144	1601.480	4199	0	3273	0.0004	0.0000	0.0003	8.96E+06	0.180	1518.390	6199	0	1666	0.0002	0.0000	0.0002	8.54E+06	0.167
3144.980	1200	0	1355	0.0003	0.0000	0.0002	6.00E+06	0.106	1282.110	2199	0	2380	0.0003	0.0000	0.0003	6.74E+06	0.144	1602.480	4200	0	3383	0.0004	0.0000	0.0003	9.14E+06	0.181	1519.390	6201	0	1812	0.0002	0.0000	0.0002	8.64E+06	0.168
3145.980	1202	0	1391	0.0003	0.0000	0.0002	6.04E+06	0.108	1283.110	2200	0	2380	0.0003	0.0000	0.0003	6.84E+06	0.145	1603.480	4199	0	3383	0.0004	-0.0001	0.0003	8.97E+06	0.181	1520.390	6200	0	1922	0.0002	0.0000	0.0002	8.49E+06	0.167
3146.980	1199	0	1428	0.0002	0.0000	0.0002	5.99E+06	0.108	1284.110	2201	0	2306	0.0004	0.0000	0.0003	6.78E+06	0.146	1604.480	4199	0	3346	0.0004	-0.0001	0.0003	8.87E+06	0.182	1521.390	6201	0	1995	0.0002	0.0000	0.0002	8.53E+06	0.169
3147.980	1201	0	1391	0.0003	0.0000	0.0002	6.14E+06	0.111	1285.110	2199	0	2306	0.0004	0.0000	0.0003	6.77E+06	0.145	1605.480	4200	0	3273	0.0004	-0.0001	0.0003	8.89E+06	0.185	1522.390	6198	0	1922	0.0003	0.0000	0.0002	8.60E+06	0.168
3148.980	1200	0	1391	0.0003	0.0000	0.0002	6.22E+06	0.111	1286.110	2201	0	2306	0.0004	0.0000	0.0003	6.74E+06	0.144	1606.480	4199	0	3236	0.0004	-0.0001	0.0003	8.94E+06	0.186	1523.390	6199	0	2032	0.0002	0.0000	0.0002	8.56E+06	0.168
3149.980	1202	0	1538	0.0003	0.0000	0.0002	6.24E+06	0.115	1287.110	2200	0	2380	0.0003	0.0000	0.0003	6.85E+06	0.144	1607.480	4199	0	3456	0.0004	-0.0001	0.0003	8.99E+06	0.186	1524.390	6201	0	1922	0.0003	0.0000	0.0002	8.60E+06	0.167
3150.980	1201	0	1501	0.0003	0.0000	0.0002	6.21E+06	0.116	1288.110	2199	0	2453	0.0004	0.0000	0.0003	6.86E+06	0.146	1608.480	4200	0	3603	0.0004	-0.0001	0.0003	9.24E+06	0.190	1525.390	6199	0	2105	0.0003	0.0000	0.0002	8.68E+06	0.164
3151.980	1200	0	1501	0.0003	0.0000	0.0002	6.22E+06	0.116	1289.110	2201	0	2599	0.0004	0.0000	0.0003	6.84E+06	0.146	1609.480	4199	0	3639	0.0004	-0.0001	0.0003	9.17E+06	0.190	1526.390	6200	0	2105	0.0002	0.0000	0.0002	8.55E+06	0.165
3152.980	1200	0	1574	0.0003	0.0000	0.0002	6.17E+06	0.116	1290.110	2201	0	2453	0.0004	0.0000	0.0003	6.75E+06	0.146	1610.480	4201	0	3529	0.0004	-0.0001	0.0003	9.06E+06	0.189	1527.390	6200	0	2215	0.0003	0.0000	0.0002	8.72E+06	0.166
3153.980	1200	0	1648	0.0003	0.0000	0.0002	6.13E+06	0.115	1291.110	2201	0	2453	0.0004	0.0000	0.0003	6.73E+06	0.147	1611.480	4199	0	3456	0.0004	-0.0001	0.0003	8.98E+06	0.187	1528.390	6200	0	2215	0.0003	0.0000	0.0002	8.87E+06	0.166
3154.980	1201	0	1684	0.0003	0.0000	0.0003	6.09E+06	0.115	1292.110	2201	0	2416	0.0004	0.0000	0.0003	6.71E+06	0.147	1612.480	4199	0	3456	0.0004	-0.0001	0.0003	8.91E+06	0.186	1529.390	6200	0	2215	0.0003	0.0000	0.0002	8.85E+06	0.167
3155.980	1200	0	1684	0.0003	0.0000	0.0003	6.07E+06	0.116	1293.110	2201	0	2526	0.0004	0.0000	0.0003	6.79E+06	0.150	1613.480	4200	0	3786	0.0004	-0.0001	0.0003	8.98E+06	0.187	1530.390	6201	0	2105	0.0003	0.0000	0.0002	8.89E+06	0.167
3156.980	1200	0	1648	0.0003	0.0000	0.0003	6.08E+06	0.117	1294.110	2201	0	2599	0.0004	0.0000	0.0003	6.80E+06	0.150	1614.480	4201	0	3859	0.0004	-0.0001	0.0003	9.13E+06	0.190	1531.380	6199	0	2215	0.0003	0.0000	0.0002	8.98E+06	0.169
3157.980	1200	0	1648	0.0003	0.0000	0.0003	6.11E+06	0.118	1295.110	2201	0	2746	0.0004	0.0000	0.0003	6.89E+06	0.150	1615.480	4199	0	3822	0.0004	-0.0001	0.0003	9.01E+06	0.188	1532.380	6199	0	2325	0.0003	0.0000	0.0002	8.87E+06	0.170
3158.980	1200	0	1721	0.0003	0.0000	0.0003	6.14E+06	0.119	1296.110	2201	0	2673	0.0004	0.0000	0.0003	6.90E+06	0.148	1616.480	4200	0	3712	0.0004	-0.0001	0.0003	8.86E+06	0.187	1533.380	6200	0	2288	0.0003	0.0000	0.0002	8.80E+06	0.172
3159.980	1200	0	1721	0.0003	0.0000	0.0003	6.12E+06	0.117	1297.110	2201	0	2673	0.0004	0.0000	0.0003	6.90E+06	0.148	1617.480	4200	0	3676	0.0004	-0.0001	0.0003	8.78E+06	0.187	1534.380	6199	0	2361	0.0003	0.0000	0.0002	8.88E+06	0.173
3160.980	1198	0	1757	0.0003	0.0000	0.0003	6.16E+06	0.118	1298.110	2199	0	2673	0.0004	0.0000	0.0003	6.89E+06	0.147	1618.480	4199	0	3712	0.0004	-0.0001	0.0003	8.83E+06	0.187	1535.380	6199	0	2361	0.0003	0.0000	0.0002	8.89E+06	0.175
3161.980	1199	0	1794	0.0003	0.0000	0.0003	6.15E+06	0.117	1299.110	2200	0	2709	0.0004	0.0000	0.0003	6.97E+06	0.149	1619.480	4200	0	3969	0.0004	-0.0001	0.0003	8.85E+06	0.189	1536.380	6200	0	2288	0.0003	0.0000	0.0002	8.85E+06	0.173
3162.970	1198	0	1794	0.0003	0.0000	0.0003	6.07E+06	0.119	1300.110	2201	0	2892	0.0004	0.0000	0.0003	6.99E+06	0.149	1620.480	4200	0	4042	0.0004	-0.0001	0.0003	9.08E+06	0.193	1537.380	6200	0	2435	0.0003	0.0000	0.0002	8.93E+06	0.175
3163.970	1199	0	1831	0.0003	0.0000	0.0003	6.07E+06	0.119	1301.110	2200	0	2892	0.0004	0.0000	0.0003	7.06E+06	0.150	1621.480	4200	0	4078	0.0005	-0.0001	0.0003	9.11E+06	0.192	1538.380	6200	0	2545	0.0003	0.0000	0.0002	8.87E+06	0.176
3164.970	1199	0	1831	0.0003	0.0000	0.0003	6.09E+06	0.120	1302.110	2201	0	2856	0.0004	0.0000	0.0004	7.13E+06	0.150	1622.470	4200	0	3822	0.0005	-0.0001	0.0003	9.10E+06	0.192	1539.380	6199	0	2545	0.0003	0.0000	0.0002	8.84E+06	0.175
3165.970	1199	0	1904	0.0003	0.0000	0.0003	6.10E+06	0.123	1303.110	2201	0	2782	0.0004	0.0000	0.0003	7.16E+06	0.151	1623.470	4200	0	3822	0.0005	-0.0001	0.0003	9.14E+06	0.195	1540.380	6199	0	2545	0.0003	0.0000	0.0002	8.78E+06	0.175
3166.970	1200	0	1904	0.0003	0.0000	0.0003	6.11E+06	0.124	1304.110	2201	0	2819	0.0004	0.0000	0.0003	7.23E+06	0.152	1624.470	4201	0	3895	0.0005	-0.0001	0.0003	9.17E+06	0.196	1541.380	6200	0	2581	0.0003	0.0000	0.0002	8.84E+06	0.176
3167.970	1200	0	1977	0.0003	0.0000	0.0003	6.15E+06	0.123	1305.110	2200	0	2929	0.0004	0.0000	0.0003	7.23E+06	0.151	1625.470	4200	0	4225	0.0004	-0.0001	0.0003	9.14E+06	0.196	1542.380	6201	0	2581	0.0003	0.0000	0.0002	8.86E+06	0.176
3168.970	1199	0	1904	0.0004	0.0000	0.0003	6.15E+06	0.123	1306.110	2201	0	3039	0.0004	0.0000	0.0003	7.19E+06	0.152	1626.470	4199	0	4262	0.0005	-0.0001	0.0003	9.19E+06	0.195	1543.380	6201	0	2654	0.0003	0.0000	0.0002	8.96E+06	0.176
3169.970	1200	0	2050	0.0004	0.0000	0.0003	6.06E+06	0.122	1307.110	2201	0	3112	0.0004	0.0000	0.0004	7.23E+06	0.151	1627.470	4200	0	4298	0.0005	-0.0001	0.0003	9.11E+06	0.195	1544.380	6199	0	2691	0.0003				

3216.960	1201	0	3258	0.0005	-0.0001	0.0004	7.15E+06	0.145	1354.090	2200	0	4650	0.0006	-0.0001	0.0005	8.14E+06	0.179	1674.460	4199	0	6129	0.0006	-0.0001	0.0004	9.82E+06	0.204	1591.370	6201	0	4192	0.0005	-0.0001	0.0004	7.83E+06	0.177
3217.960	1199	0	3332	0.0006	-0.0001	0.0005	7.24E+06	0.147	1355.090	2200	0	4686	0.0006	-0.0001	0.0005	8.24E+06	0.180	1675.460	4199	0	6129	0.0006	-0.0001	0.0004	9.93E+06	0.203	1592.370	6202	0	4265	0.0005	-0.0001	0.0004	7.92E+06	0.177
3218.960	1200	0	3368	0.0006	-0.0001	0.0004	7.22E+06	0.147	1356.090	2201	0	4650	0.0007	-0.0001	0.0005	8.20E+06	0.180	1676.460	4199	0	5946	0.0007	-0.0001	0.0004	9.90E+06	0.204	1593.370	6199	0	4265	0.0005	-0.0001	0.0004	7.95E+06	0.177
3219.960	1201	0	3332	0.0006	-0.0001	0.0005	7.30E+06	0.148	1357.090	2201	0	4576	0.0006	-0.0001	0.0005	8.12E+06	0.181	1677.460	4199	0	5982	0.0007	-0.0001	0.0005	9.87E+06	0.203	1594.360	6200	0	4302	0.0005	-0.0001	0.0004	7.98E+06	0.177
3220.960	1200	0	3368	0.0006	-0.0001	0.0004	7.25E+06	0.149	1358.090	2201	0	4576	0.0007	-0.0001	0.0005	8.07E+06	0.180	1678.460	4201	0	5909	0.0007	-0.0001	0.0004	9.82E+06	0.205	1595.360	6198	0	4412	0.0005	-0.0001	0.0004	8.02E+06	0.179
3221.960	1200	0	3405	0.0006	-0.0001	0.0005	7.18E+06	0.148	1359.090	2200	0	4650	0.0006	-0.0001	0.0005	8.15E+06	0.182	1679.460	4201	0	6092	0.0006	-0.0001	0.0004	9.83E+06	0.203	1596.360	6199	0	4338	0.0005	-0.0001	0.0004	8.01E+06	0.178
3222.960	1200	0	3441	0.0006	-0.0001	0.0005	7.21E+06	0.147	1360.090	2200	0	4833	0.0007	-0.0001	0.0005	8.19E+06	0.183	1680.460	4202	0	6239	0.0006	-0.0001	0.0004	9.82E+06	0.205	1597.360	6199	0	4375	0.0005	-0.0001	0.0004	8.02E+06	0.178
3223.960	1200	0	3441	0.0006	-0.0001	0.0005	7.33E+06	0.150	1361.090	2199	0	4833	0.0007	-0.0001	0.0005	8.08E+06	0.181	1681.460	4200	0	6348	0.0007	-0.0001	0.0004	9.98E+06	0.210	1598.360	6199	0	4375	0.0005	-0.0001	0.0004	8.02E+06	0.178
3224.960	1201	0	3515	0.0006	-0.0001	0.0005	7.41E+06	0.154	1362.090	2200	0	4759	0.0007	-0.0001	0.0005	8.10E+06	0.182	1682.460	4199	0	6165	0.0007	-0.0001	0.0005	1.00E+07	0.211	1599.360	6199	0	4448	0.0005	-0.0001	0.0004	8.09E+06	0.179
3225.950	1199	0	3551	0.0006	-0.0001	0.0005	7.45E+06	0.153	1363.090	2200	0	4796	0.0007	-0.0001	0.0005	8.04E+06	0.180	1683.460	4199	0	6129	0.0007	-0.0001	0.0005	9.86E+06	0.211	1600.360	6198	0	4448	0.0005	-0.0001	0.0004	8.13E+06	0.180
3226.950	1199	0	3661	0.0006	-0.0001	0.0005	7.47E+06	0.154	1364.090	2201	0	4796	0.0007	-0.0001	0.0005	8.06E+06	0.179	1684.460	4201	0	6129	0.0007	-0.0001	0.0005	9.91E+06	0.212	1601.360	6201	0	4595	0.0005	-0.0001	0.0004	8.19E+06	0.184
3227.950	1201	0	3551	0.0006	-0.0001	0.0005	7.58E+06	0.156	1365.090	2200	0	4796	0.0007	-0.0001	0.0005	8.13E+06	0.182	1685.450	4200	0	6348	0.0007	-0.0001	0.0005	9.95E+06	0.212	1602.360	6201	0	4631	0.0005	-0.0001	0.0004	8.33E+06	0.185
3228.950	1201	0	3588	0.0006	-0.0001	0.0005	7.64E+06	0.156	1366.090	2201	0	4979	0.0007	-0.0001	0.0005	8.18E+06	0.184	1686.450	4201	0	6531	0.0007	-0.0001	0.0005	9.91E+06	0.212	1603.360	6199	0	4631	0.0006	-0.0001	0.0004	8.35E+06	0.187
3229.950	1200	0	3661	0.0006	-0.0001	0.0005	7.67E+06	0.159	1367.090	2199	0	5052	0.0007	-0.0001	0.0005	8.19E+06	0.183	1687.450	4201	0	6568	0.0007	-0.0001	0.0005	9.88E+06	0.213	1604.360	6199	0	4631	0.0006	-0.0001	0.0004	8.38E+06	0.190
3230.950	1200	0	3661	0.0006	-0.0001	0.0005	7.67E+06	0.159	1368.090	2201	0	5089	0.0007	-0.0001	0.0005	8.13E+06	0.182	1688.450	4199	0	6422	0.0007	-0.0001	0.0005	9.92E+06	0.211	1605.360	6201	0	4668	0.0006	-0.0001	0.0004	8.42E+06	0.190
3231.950	1200	0	3588	0.0006	-0.0001	0.0005	7.76E+06	0.162	1369.090	2201	0	4979	0.0007	-0.0001	0.0005	8.08E+06	0.180	1689.450	4201	0	6312	0.0007	-0.0001	0.0005	9.96E+06	0.212	1606.360	6199	0	4741	0.0006	-0.0001	0.0004	8.48E+06	0.191
3232.950	1199	0	3771	0.0006	-0.0001	0.0005	7.76E+06	0.162	1370.090	2200	0	4979	0.0007	-0.0001	0.0005	8.13E+06	0.180	1690.450	4200	0	6348	0.0007	-0.0001	0.0005	1.01E+07	0.214	1607.360	6200	0	4778	0.0006	-0.0001	0.0004	8.65E+06	0.192
3233.950	1201	0	3771	0.0006	-0.0001	0.0005	7.75E+06	0.162	1371.090	2199	0	5052	0.0007	-0.0001	0.0005	8.09E+06	0.180	1691.450	4199	0	6385	0.0007	-0.0001	0.0005	1.00E+07	0.210	1608.360	6201	0	4704	0.0006	-0.0001	0.0004	8.62E+06	0.193
3234.950	1199	0	3771	0.0006	-0.0001	0.0005	7.85E+06	0.162	1372.090	2199	0	5235	0.0007	-0.0001	0.0005	8.11E+06	0.179	1692.450	4200	0	6568	0.0007	-0.0001	0.0005	1.00E+07	0.211	1609.360	6199	0	4778	0.0006	-0.0001	0.0004	8.67E+06	0.193
3235.950	1198	0	3881	0.0006	-0.0001	0.0005	7.81E+06	0.161	1373.090	2200	0	5309	0.0007	-0.0001	0.0005	8.18E+06	0.182	1693.450	4199	0	6751	0.0007	-0.0001	0.0005	1.01E+07	0.216	1610.360	6199	0	4778	0.0006	-0.0001	0.0004	8.72E+06	0.194
3236.950	1201	0	3808	0.0006	-0.0001	0.0005	7.82E+06	0.159	1374.080	2201	0	5162	0.0007	-0.0001	0.0005	8.19E+06	0.182	1694.450	4199	0	6678	0.0007	-0.0001	0.0005	1.02E+07	0.216	1611.360	6199	0	4814	0.0006	-0.0001	0.0004	8.71E+06	0.194
3237.950	1200	0	3954	0.0006	-0.0001	0.0005	7.89E+06	0.160	1375.080	2201	0	5126	0.0007	-0.0001	0.0005	8.17E+06	0.182	1695.450	4200	0	6641	0.0007	-0.0001	0.0005	1.01E+07	0.216	1612.360	6200	0	4924	0.0006	-0.0001	0.0004	8.72E+06	0.194
3238.950	1200	0	3954	0.0006	-0.0001	0.0005	7.94E+06	0.160	1376.080	2200	0	5126	0.0007	-0.0001	0.0005	8.08E+06	0.182	1696.450	4200	0	6678	0.0007	-0.0001	0.0005	1.01E+07	0.217	1613.360	6200	0	4961	0.0006	-0.0001	0.0004	8.69E+06	0.194
3239.950	1200	0	3954	0.0006	-0.0001	0.0005	7.98E+06	0.162	1377.080	2200	0	5272	0.0007	-0.0001	0.0005	8.13E+06	0.182	1697.450	4201	0	6861	0.0007	-0.0001	0.0005	1.01E+07	0.216	1614.360	6200	0	4924	0.0006	-0.0001	0.0004	8.74E+06	0.194
3240.950	1199	0	4027	0.0006	-0.0001	0.0005	8.04E+06	0.162	1378.080	2201	0	5382	0.0007	-0.0001	0.0005	8.22E+06	0.183	1698.450	4200	0	6971	0.0007	-0.0001	0.0005	1.01E+07	0.216	1615.360	6201	0	5034	0.0006	-0.0001	0.0004	8.79E+06	0.193
3241.950	1200	0	4064	0.0006	-0.0001	0.0005	8.00E+06	0.161	1379.080	2200	0	5455	0.0007	-0.0001	0.0005	8.29E+06	0.183	1699.450	4200	0	7081	0.0007	-0.0001	0.0005	1.02E+07	0.214	1616.360	6199	0	5071	0.0006	-0.0001	0.0004	8.81E+06	0.196
3242.950	1200	0	4064	0.0006	-0.0001	0.0005	7.95E+06	0.161	1380.080	2200	0	5455	0.0007	-0.0001	0.0005	8.32E+06	0.183	1700.450	4199	0	6898	0.0008	-0.0001	0.0005	1.03E+07	0.213	1617.360	6199	0	5071	0.0006	-0.0001	0.0004	8.79E+06	0.197
3243.950	1201	0	4101	0.0007	-0.0001	0.0005	7.87E+06	0.160	1381.080	2201	0	5345	0.0007	-0.0001	0.0005	8.31E+06	0.184	1701.450	4201	0	6824	0.0007	-0.0001	0.0005	1.03E+07	0.214	1618.360	6199	0	5107	0.0006	-0.0001	0.0004	8.76E+06	0.196
3244.950	1199	0	4137	0.0007	-0.0001	0.0005	7.89E+06	0.160	1382.080	2199	0	5309	0.0007	-0.0001	0.0005	8.35E+06	0.183	1702.450	4201	0	6861	0.0008	-0.0001	0.0005	1.03E+07	0.215	1619.360	6201	0	5071	0.0006	-0.0001	0.0004	8.75E+06	0.198
3245.950	1199	0	4174	0.0007	-0.0001	0.0005	7.79E+06	0.160	1383.080	2201	0	5418	0.0007	-0.0001	0.0005	8.46E+06	0.185	1703.450	4200	0	7007	0.0007	-0.0001	0.0005	1.04E+07	0.215	1620.360	6201	0	5144	0.0006	-0.0001	0.0004	8.78E+06	0.199
3246.950	1201	0	4101	0.0007	-0.0001	0.0005	7.84E+06	0.163	1384.080	2199	0	5565	0.0007	-0.0001	0.0005	8.52E+06	0.186	1704.450	4201	0	7264	0.0007	-0.0001	0.0005	1.03E+07	0.214	1621.360	6200	0	5180	0.0006	-0.0001	0.0004	8.74E+06	0.199
3247.950	1200	0	4247	0.0007	-0.0001	0.0005	7.84E+06	0.162	1385.080	2201	0	5675	0.0007	-0.0001	0.0005	8.65E+06	0.190	1705.450	4200	0	7227	0.0008	-0.0001	0.0005	1.04E+07	0.216	1622.360	6201	0	5254	0.0006	-0.0001	0.0004	8.68E+06	0.199
3248.950	1202	0	4284	0.0007	-0.0001	0.0005	7.88E+06	0.160	1386.080	2199	0	5601	0.0008	-0.0001	0.0006	8.64E+06	0.190	1706.450	4200	0	7117	0.0008	-0.0001	0.0005	1.06E+07	0.219	1623.360	6199	0	5217	0.0006				

3295.930	1199	0	5602	0.0008	-0.0001	0.0006	8.58E+06	0.168	1433.070	2201	0	7359	0.0009	-0.0001	0.0007	8.78E+06	0.187	1753.430	4199	0	9167	0.0009	-0.0002	0.0006	9.35E+06	0.224	1670.340	6200	0	6718	0.0008	-0.0001	0.0005	8.71E+06	0.245
3296.930	1201	0	5711	0.0008	-0.0001	0.0006	8.64E+06	0.170	1434.070	2201	0	7286	0.0010	-0.0001	0.0007	8.90E+06	0.187	1754.430	4200	0	8984	0.0010	-0.0002	0.0006	9.30E+06	0.223	1671.340	6200	0	6755	0.0008	-0.0001	0.0005	8.79E+06	0.244
3297.930	1202	0	5748	0.0008	-0.0001	0.0006	8.71E+06	0.172	1435.070	2200	0	7249	0.0009	-0.0001	0.0007	8.99E+06	0.188	1755.430	4200	0	8911	0.0009	-0.0002	0.0006	9.27E+06	0.223	1672.340	6199	0	6791	0.0008	-0.0001	0.0005	8.83E+06	0.247
3298.930	1201	0	5785	0.0008	-0.0001	0.0006	8.90E+06	0.174	1436.070	2200	0	7212	0.0009	-0.0001	0.0007	9.10E+06	0.190	1756.430	4200	0	8875	0.0010	-0.0002	0.0006	9.26E+06	0.223	1673.340	6200	0	6865	0.0008	-0.0001	0.0005	8.93E+06	0.252
3299.930	1199	0	5785	0.0009	-0.0001	0.0007	8.79E+06	0.172	1437.060	2198	0	7249	0.0009	-0.0001	0.0007	9.12E+06	0.190	1757.430	4201	0	9094	0.0009	-0.0002	0.0006	9.31E+06	0.222	1674.340	6199	0	6828	0.0008	-0.0001	0.0005	8.88E+06	0.253
3300.930	1201	0	5895	0.0009	-0.0001	0.0007	8.90E+06	0.173	1438.060	2201	0	7505	0.0009	-0.0001	0.0007	9.13E+06	0.191	1758.430	4201	0	9314	0.0010	-0.0002	0.0006	9.37E+06	0.223	1675.340	6200	0	6901	0.0008	-0.0001	0.0005	8.93E+06	0.255
3301.930	1200	0	5858	0.0009	-0.0001	0.0007	8.85E+06	0.173	1439.060	2201	0	7578	0.0009	-0.0001	0.0007	9.15E+06	0.194	1759.430	4198	0	9351	0.0009	-0.0002	0.0006	9.66E+06	0.231	1676.340	6199	0	6901	0.0008	-0.0001	0.0006	9.00E+06	0.261
3302.930	1200	0	5895	0.0009	-0.0001	0.0006	8.91E+06	0.176	1440.060	2200	0	7578	0.0010	-0.0001	0.0007	9.21E+06	0.194	1760.430	4199	0	9241	0.0010	-0.0002	0.0006	9.55E+06	0.229	1677.340	6199	0	6938	0.0008	-0.0001	0.0006	9.09E+06	0.265
3303.930	1199	0	5931	0.0009	-0.0001	0.0007	9.05E+06	0.180	1441.060	2201	0	7542	0.0010	-0.0001	0.0007	9.31E+06	0.193	1761.430	4202	0	9131	0.0010	-0.0002	0.0006	9.57E+06	0.231	1678.340	6199	0	7048	0.0008	-0.0001	0.0005	9.02E+06	0.269
3304.930	1202	0	5968	0.0009	-0.0001	0.0007	9.04E+06	0.182	1442.060	2201	0	7505	0.0010	-0.0001	0.0007	9.31E+06	0.193	1762.430	4199	0	9058	0.0010	-0.0002	0.0006	9.68E+06	0.232	1679.340	6199	0	7011	0.0008	-0.0001	0.0006	8.94E+06	0.270
3305.930	1201	0	6078	0.0009	-0.0001	0.0007	9.03E+06	0.183	1443.060	2199	0	7542	0.0009	-0.0001	0.0007	9.37E+06	0.193	1763.430	4198	0	9314	0.0010	-0.0002	0.0006	9.61E+06	0.229	1680.340	6200	0	7011	0.0009	-0.0001	0.0006	9.00E+06	0.272
3306.930	1202	0	6078	0.0009	-0.0001	0.0007	9.03E+06	0.182	1444.060	2200	0	7798	0.0010	-0.0001	0.0007	9.42E+06	0.194	1764.430	4199	0	9534	0.0010	-0.0002	0.0006	9.62E+06	0.228	1681.340	6199	0	7084	0.0009	-0.0001	0.0006	9.09E+06	0.277
3307.930	1199	0	6041	0.0009	-0.0001	0.0007	8.96E+06	0.181	1445.060	2201	0	7835	0.0010	-0.0001	0.0007	9.40E+06	0.194	1765.430	4201	0	9680	0.0010	-0.0002	0.0006	9.88E+06	0.230	1682.340	6199	0	7121	0.0009	-0.0001	0.0006	9.18E+06	0.283
3308.930	1202	0	6041	0.0009	-0.0001	0.0007	8.93E+06	0.180	1446.060	2201	0	7798	0.0010	-0.0001	0.0007	9.47E+06	0.195	1766.430	4198	0	9534	0.0010	-0.0002	0.0006	9.68E+06	0.231	1683.340	6201	0	7084	0.0009	-0.0001	0.0006	9.09E+06	0.285
3309.930	1201	0	6114	0.0009	-0.0001	0.0007	8.91E+06	0.180	1447.060	2201	0	7688	0.0010	-0.0001	0.0007	9.45E+06	0.197	1767.430	4200	0	9387	0.0010	-0.0002	0.0006	9.80E+06	0.234	1684.340	6199	0	7267	0.0008	-0.0001	0.0006	9.00E+06	0.285
3310.930	1199	0	6187	0.0009	-0.0001	0.0007	9.04E+06	0.180	1448.060	2201	0	7615	0.0010	-0.0001	0.0007	9.46E+06	0.199	1768.430	4201	0	9314	0.0010	-0.0002	0.0006	9.86E+06	0.234	1685.340	6200	0	7267	0.0009	-0.0002	0.0006	9.07E+06	0.289
3311.930	1201	0	6261	0.0009	-0.0001	0.0007	8.95E+06	0.180	1449.060	2200	0	7652	0.0010	-0.0001	0.0007	9.51E+06	0.200	1769.430	4199	0	9570	0.0010	-0.0002	0.0006	9.89E+06	0.230	1686.340	6200	0	7267	0.0009	-0.0002	0.0006	9.01E+06	0.290
3312.930	1200	0	6261	0.0009	-0.0001	0.0007	8.92E+06	0.183	1450.060	2201	0	7908	0.0010	-0.0001	0.0007	9.59E+06	0.202	1770.430	4202	0	9680	0.0010	-0.0002	0.0006	9.79E+06	0.227	1687.330	6200	0	7341	0.0009	-0.0002	0.0006	9.05E+06	0.297
3313.930	1200	0	6297	0.0009	-0.0001	0.0007	8.83E+06	0.181	1451.060	2201	0	8054	0.0010	-0.0001	0.0007	9.52E+06	0.203	1771.430	4199	0	9826	0.0010	-0.0002	0.0006	9.71E+06	0.223	1688.330	6200	0	7377	0.0009	-0.0002	0.0006	9.02E+06	0.300
3314.930	1201	0	6334	0.0009	-0.0001	0.0007	8.93E+06	0.185	1452.060	2201	0	7945	0.0010	-0.0002	0.0007	9.34E+06	0.200	1772.430	4201	0	9680	0.0010	-0.0002	0.0007	9.71E+06	0.225	1689.330	6199	0	7377	0.0009	-0.0002	0.0006	8.99E+06	0.304
3315.930	1200	0	6297	0.0009	-0.0001	0.0007	8.95E+06	0.184	1453.060	2199	0	7871	0.0010	-0.0002	0.0007	9.22E+06	0.199	1773.430	4201	0	9497	0.0010	-0.0002	0.0006	9.79E+06	0.225	1690.330	6200	0	7414	0.0009	-0.0002	0.0006	8.98E+06	0.308
3316.930	1200	0	6407	0.0009	-0.0001	0.0007	8.86E+06	0.183	1454.060	2201	0	7871	0.0010	-0.0001	0.0007	9.17E+06	0.200	1774.430	4200	0	9570	0.0010	-0.0002	0.0006	9.77E+06	0.226	1691.330	6199	0	7450	0.0009	-0.0002	0.0006	9.01E+06	0.310
3317.930	1200	0	6407	0.0009	-0.0001	0.0007	8.74E+06	0.181	1455.060	2198	0	7945	0.0010	-0.0001	0.0007	9.16E+06	0.199	1775.430	4201	0	9863	0.0010	-0.0002	0.0006	9.79E+06	0.225	1692.330	6200	0	7450	0.0009	-0.0002	0.0006	8.94E+06	0.313
3318.920	1201	0	6444	0.0009	-0.0001	0.0007	8.77E+06	0.182	1456.060	2201	0	8128	0.0010	-0.0002	0.0007	9.13E+06	0.199	1776.430	4200	0	10046	0.0010	-0.0002	0.0006	9.78E+06	0.226	1693.330	6200	0	7450	0.0009	-0.0002	0.0006	8.88E+06	0.315
3319.920	1199	0	6480	0.0009	-0.0001	0.0007	8.86E+06	0.183	1457.060	2201	0	8238	0.0010	-0.0002	0.0007	9.27E+06	0.201	1777.430	4200	0	10010	0.0010	-0.0002	0.0006	9.55E+06	0.221	1694.330	6199	0	7524	0.0009	-0.0002	0.0006	8.80E+06	0.317
3320.920	1201	0	6517	0.0009	-0.0001	0.0007	8.81E+06	0.180	1458.060	2201	0	8201	0.0010	-0.0002	0.0007	9.29E+06	0.201	1778.430	4199	0	9936	0.0010	-0.0002	0.0007	9.51E+06	0.221	1695.330	6201	0	7634	0.0009	-0.0002	0.0006	8.68E+06	0.316
3321.920	1202	0	6590	0.0009	-0.0001	0.0007	8.62E+06	0.176	1459.060	2199	0	8128	0.0010	-0.0002	0.0007	9.23E+06	0.201	1779.420	4200	0	9717	0.0010	-0.0002	0.0007	9.53E+06	0.221	1696.330	6200	0	7634	0.0009	-0.0002	0.0006	8.72E+06	0.321
3322.920	1200	0	6590	0.0010	-0.0001	0.0007	8.61E+06	0.177	1460.060	2200	0	8091	0.0010	-0.0002	0.0007	9.17E+06	0.201	1780.420	4200	0	9790	0.0010	-0.0002	0.0006	9.51E+06	0.220	1697.330	6200	0	7670	0.0009	-0.0002	0.0006	8.69E+06	0.325
3323.920	1200	0	6700	0.0009	-0.0001	0.0007	8.68E+06	0.178	1461.060	2200	0	8201	0.0010	-0.0002	0.0007	9.17E+06	0.202	1781.420	4200	0	9973	0.0010	-0.0002	0.0006	9.58E+06	0.221	1698.330	6201	0	7634	0.0009	-0.0002	0.0006	8.70E+06	0.329
3324.920	1198	0	6627	0.0010	-0.0001	0.0007	8.69E+06	0.178	1462.060	2201	0	8347	0.0010	-0.0002	0.0007	9.21E+06	0.203	1782.420	4200	0	10229	0.0010	-0.0002	0.0007	9.55E+06	0.219	1699.330	6200	0	7743	0.0009	-0.0002	0.0006	8.79E+06	0.334
3325.920	1202	0	6700	0.0010	-0.0001	0.0007	8.64E+06	0.178	1463.060	2201	0	8457	0.0010	-0.0002	0.0007	9.08E+06	0.204	1783.420	4199	0	10266	0.0010	-0.0002	0.0006	9.56E+06	0.217	1700.330	6199	0	7780	0.0009	-0.0002	0.0006	8.77E+06	0.338
3326.920	1201	0	6773	0.0010	-0.0001	0.0007	8.62E+06	0.175	1464.060	2200	0	8384	0.0011	-0.0002	0.0007	9.14E+06	0.205	1784.420	4200	0	10119	0.0011	-0.0002	0.0007	9.47E+06	0.214	1701.330	6200	0	7780	0.0009	-0.0002	0.0006	8.58E+06	0.334
3327.920	1201	0	6773	0.0010	-0.0001	0.0007	8.60E+06	0.175	1465.060	2200	0	8347	0.0011	-0.0002	0.0007	9.20E+06	0.209	1785.420	4199	0	9973	0.0011	-0.0002	0.0007	9.48E+06	0.213	1702.330	6199	0	7817	0				

3374.910	1200	0	8384	0.0011	-0.0002	0.0008	9.11E+06	0.192	1512.040	2201	0	10215	0.0012	-0.0002	0.0008	9.81E+06	0.213	1832.410	4199	0	11913	0.0012	-0.0002	0.0008	9.52E+06	0.233	1749.320	6200	0	9354	0.0011	-0.0002	0.0006	8.77E+06	0.407
3375.910	1200	0	8457	0.0012	-0.0002	0.0008	9.11E+06	0.192	1513.040	2200	0	10178	0.0012	-0.0002	0.0008	9.93E+06	0.212	1833.410	4202	0	11767	0.0012	-0.0002	0.0008	9.45E+06	0.233	1750.310	6200	0	9354	0.0011	-0.0002	0.0006	8.92E+06	0.412
3376.910	1200	0	8421	0.0011	-0.0002	0.0008	9.11E+06	0.193	1514.040	2199	0	10178	0.0012	-0.0002	0.0008	9.95E+06	0.212	1834.410	4202	0	11767	0.0012	-0.0002	0.0008	9.55E+06	0.232	1751.310	6201	0	9391	0.0011	-0.0002	0.0006	8.97E+06	0.415
3377.910	1201	0	8421	0.0012	-0.0002	0.0008	9.07E+06	0.192	1515.040	2201	0	10178	0.0012	-0.0002	0.0008	9.93E+06	0.213	1835.410	4200	0	12023	0.0012	-0.0002	0.0008	9.58E+06	0.230	1752.310	6199	0	9464	0.0011	-0.0002	0.0006	8.85E+06	0.411
3378.910	1199	0	8530	0.0012	-0.0002	0.0008	9.14E+06	0.195	1516.040	2201	0	10288	0.0012	-0.0002	0.0008	9.93E+06	0.215	1836.410	4202	0	12243	0.0012	-0.0002	0.0007	9.56E+06	0.232	1753.310	6199	0	9464	0.0011	-0.0002	0.0006	8.82E+06	0.412
3379.910	1200	0	8604	0.0012	-0.0002	0.0008	9.07E+06	0.193	1517.040	2201	0	10324	0.0012	-0.0002	0.0008	9.95E+06	0.216	1837.410	4203	0	12316	0.0012	-0.0002	0.0008	9.54E+06	0.232	1754.310	6200	0	9501	0.0011	-0.0002	0.0006	8.89E+06	0.413
3380.910	1202	0	8567	0.0012	-0.0002	0.0009	9.15E+06	0.194	1518.040	2201	0	10434	0.0013	-0.0002	0.0009	1.00E+07	0.215	1838.410	4198	0	12170	0.0013	-0.0002	0.0008	9.52E+06	0.230	1755.310	6200	0	9537	0.0011	-0.0002	0.0006	8.90E+06	0.417
3381.900	1200	0	8677	0.0012	-0.0002	0.0008	9.21E+06	0.194	1519.040	2199	0	10471	0.0013	-0.0002	0.0009	1.02E+07	0.217	1839.410	4200	0	12060	0.0013	-0.0002	0.0008	9.61E+06	0.235	1756.310	6199	0	9537	0.0011	-0.0002	0.0006	8.83E+06	0.417
3382.900	1202	0	8714	0.0012	-0.0002	0.0008	9.17E+06	0.195	1520.040	2200	0	10544	0.0013	-0.0002	0.0008	1.03E+07	0.219	1840.410	4201	0	12060	0.0013	-0.0002	0.0008	9.59E+06	0.235	1757.310	6199	0	9647	0.0011	-0.0002	0.0006	8.75E+06	0.416
3383.900	1203	0	8640	0.0012	-0.0002	0.0009	9.17E+06	0.195	1521.040	2199	0	10471	0.0012	-0.0002	0.0008	1.03E+07	0.222	1841.400	4200	0	12243	0.0012	-0.0002	0.0008	9.67E+06	0.237	1758.310	6199	0	9610	0.0011	-0.0003	0.0006	8.80E+06	0.418
3384.900	1199	0	8714	0.0012	-0.0002	0.0009	9.18E+06	0.196	1522.040	2200	0	10507	0.0013	-0.0002	0.0008	1.03E+07	0.224	1842.400	4200	0	12462	0.0012	-0.0002	0.0008	9.72E+06	0.237	1759.310	6200	0	9610	0.0011	-0.0003	0.0006	8.74E+06	0.420
3385.900	1200	0	8823	0.0012	-0.0002	0.0009	9.37E+06	0.199	1523.040	2201	0	10581	0.0013	-0.0002	0.0008	1.03E+07	0.225	1843.400	4202	0	12572	0.0012	-0.0002	0.0008	9.75E+06	0.242	1760.310	6199	0	9757	0.0011	-0.0003	0.0006	8.83E+06	0.425
3386.900	1201	0	8787	0.0012	-0.0002	0.0009	9.27E+06	0.196	1524.040	2200	0	10690	0.0013	-0.0002	0.0009	1.01E+07	0.222	1844.400	4199	0	12389	0.0013	-0.0002	0.0008	9.79E+06	0.244	1761.310	6199	0	9684	0.0011	-0.0003	0.0006	8.88E+06	0.431
3387.900	1201	0	8750	0.0012	-0.0002	0.0009	9.41E+06	0.198	1525.040	2201	0	10690	0.0013	-0.0002	0.0009	1.01E+07	0.222	1845.400	4199	0	12243	0.0013	-0.0002	0.0008	9.69E+06	0.243	1762.310	6200	0	9830	0.0011	-0.0003	0.0006	8.98E+06	0.438
3388.900	1199	0	8823	0.0012	-0.0002	0.0009	9.45E+06	0.199	1526.040	2200	0	10654	0.0013	-0.0002	0.0009	1.01E+07	0.224	1846.400	4201	0	12243	0.0013	-0.0002	0.0008	9.70E+06	0.245	1763.310	6199	0	9757	0.0012	-0.0003	0.0006	8.95E+06	0.440
3389.900	1201	0	8897	0.0012	-0.0002	0.0009	9.38E+06	0.199	1527.040	2199	0	10617	0.0013	-0.0002	0.0008	1.01E+07	0.224	1847.400	4199	0	12499	0.0013	-0.0002	0.0008	9.76E+06	0.249	1764.310	6199	0	9867	0.0012	-0.0003	0.0006	8.96E+06	0.443
3390.900	1200	0	8933	0.0012	-0.0002	0.0009	9.34E+06	0.199	1528.040	2199	0	10727	0.0013	-0.0002	0.0009	1.00E+07	0.224	1848.400	4199	0	12499	0.0013	-0.0002	0.0008	9.78E+06	0.249	1765.310	6201	0	9867	0.0012	-0.0003	0.0006	9.01E+06	0.446
3391.900	1201	0	8933	0.0012	-0.0002	0.0009	9.28E+06	0.198	1529.040	2201	0	10837	0.0013	-0.0002	0.0009	9.94E+06	0.226	1849.400	4199	0	12792	0.0013	-0.0002	0.0008	1.01E+07	0.252	1766.310	6200	0	9940	0.0012	-0.0003	0.0006	9.05E+06	0.450
3392.900	1202	0	8970	0.0012	-0.0002	0.0009	9.38E+06	0.200	1530.030	2200	0	10837	0.0013	-0.0002	0.0009	9.97E+06	0.227	1850.400	4200	0	12646	0.0013	-0.0003	0.0008	9.98E+06	0.248	1767.310	6199	0	9977	0.0012	-0.0003	0.0006	9.13E+06	0.455
3393.900	1200	0	9080	0.0012	-0.0002	0.0009	9.38E+06	0.197	1531.030	2201	0	10873	0.0013	-0.0002	0.0009	9.89E+06	0.226	1851.400	4199	0	12536	0.0013	-0.0002	0.0008	9.89E+06	0.249	1768.310	6199	0	10013	0.0012	-0.0003	0.0006	9.09E+06	0.456
3394.900	1200	0	9080	0.0012	-0.0002	0.0009	9.33E+06	0.197	1532.030	2201	0	10873	0.0013	-0.0002	0.0009	9.96E+06	0.227	1852.400	4200	0	12536	0.0013	-0.0002	0.0008	9.83E+06	0.248	1769.310	6200	0	10050	0.0012	-0.0003	0.0006	9.06E+06	0.460
3395.900	1201	0	9116	0.0012	-0.0002	0.0009	9.34E+06	0.199	1533.030	2201	0	10873	0.0013	-0.0002	0.0009	9.90E+06	0.226	1853.400	4199	0	12755	0.0013	-0.0002	0.0008	9.84E+06	0.249	1770.310	6200	0	10050	0.0012	-0.0003	0.0006	8.99E+06	0.461
3396.900	1200	0	9116	0.0012	-0.0002	0.0009	9.32E+06	0.198	1534.030	2201	0	10910	0.0013	-0.0002	0.0009	9.84E+06	0.229	1854.400	4199	0	12755	0.0013	-0.0002	0.0008	9.86E+06	0.253	1771.310	6201	0	10160	0.0012	-0.0003	0.0006	8.98E+06	0.466
3397.900	1200	0	9116	0.0012	-0.0002	0.0009	9.31E+06	0.201	1535.030	2199	0	10983	0.0013	-0.0002	0.0009	9.74E+06	0.229	1855.400	4200	0	13012	0.0013	-0.0003	0.0008	9.95E+06	0.253	1772.310	6202	0	10160	0.0012	-0.0003	0.0007	8.96E+06	0.472
3398.900	1201	0	9226	0.0012	-0.0002	0.0009	9.27E+06	0.201	1536.030	2202	0	11057	0.0013	-0.0002	0.0009	9.90E+06	0.231	1856.400	4201	0	13012	0.0013	-0.0003	0.0008	9.91E+06	0.251	1773.310	6200	0	10160	0.0012	-0.0003	0.0006	8.88E+06	0.475
3399.900	1200	0	9299	0.0013	-0.0002	0.0009	9.38E+06	0.203	1537.030	2200	0	11057	0.0013	-0.0002	0.0009	9.83E+06	0.230	1857.400	4200	0	12755	0.0013	-0.0003	0.0008	1.00E+07	0.253	1774.310	6199	0	10196	0.0012	-0.0003	0.0006	8.93E+06	0.482
3400.900	1200	0	9263	0.0012	-0.0002	0.0009	9.48E+06	0.204	1538.030	2199	0	11130	0.0013	-0.0002	0.0009	9.86E+06	0.233	1858.400	4200	0	12682	0.0013	-0.0003	0.0008	1.01E+07	0.253	1775.310	6200	0	10306	0.0012	-0.0003	0.0006	8.97E+06	0.491
3401.900	1199	0	9263	0.0012	-0.0002	0.0009	9.50E+06	0.205	1539.030	2201	0	11166	0.0013	-0.0002	0.0009	9.89E+06	0.235	1859.400	4201	0	13012	0.0013	-0.0003	0.0008	1.01E+07	0.252	1776.310	6200	0	10343	0.0012	-0.0003	0.0006	8.92E+06	0.497
3402.900	1200	0	9336	0.0012	-0.0002	0.0009	9.56E+06	0.209	1540.030	2201	0	11166	0.0013	-0.0002	0.0009	9.92E+06	0.236	1860.400	4200	0	13231	0.0013	-0.0003	0.0008	1.00E+07	0.253	1777.310	6199	0	10343	0.0012	-0.0003	0.0006	8.89E+06	0.503
3403.900	1199	0	9336	0.0012	-0.0002	0.0009	9.48E+06	0.209	1541.030	2201	0	11240	0.0013	-0.0002	0.0009	9.84E+06	0.236	1861.400	4201	0	13268	0.0013	-0.0003	0.0008	1.01E+07	0.252	1778.310	6199	0	10306	0.0012	-0.0003	0.0006	8.88E+06	0.507
3404.900	1200	0	9446	0.0013	-0.0002	0.0009	9.48E+06	0.207	1542.030	2198	0	11349	0.0013	-0.0002	0.0009	9.91E+06	0.236	1862.400	4203	0	13158	0.0014	-0.0003	0.0008	1.03E+07	0.255	1779.310	6202	0	10416	0.0012	-0.0003	0.0006	8.77E+06	0.510
3405.900	1200	0	9482	0.0013	-0.0002	0.0009	9.62E+06	0.211	1543.030	2201	0	11313	0.0013	-0.0002	0.0009	9.87E+06	0.235	1863.400	4202	0	13048	0.0013	-0.0003	0.0008	1.02E+07	0.255	1780.310	6200	0	10343	0.0012	-0.0003	0.0006	8.90E+06	0.524
3406.900	1201	0	9556	0.0013	-0.0002	0.0009	9.66E+06	0.211	1544.030	2200	0	11313	0.0014	-0.0002	0.0009	9.88E+06	0.237	1864.400	4201	0	12975	0.0013	-0.0003												

3453.880	1201	0	11167	0.0014	-0.0002	0.0010	9.62E+06	0.206	1591.020	2200	0	13143	0.0015	-0.0003	0.0010	1.01E+07	0.230	1911.380	4202	0	15062	0.0015	-0.0003	0.0009	1.09E+07	0.273	1828.290	6200	0	12063	0.0014	-0.0004	0.0005	1.03E+07	1.879
3454.880	1200	0	11240	0.0015	-0.0002	0.0010	9.62E+06	0.208	1592.020	2201	0	13180	0.0015	-0.0003	0.0010	1.00E+07	0.229	1912.380	4200	0	15099	0.0015	-0.0003	0.0009	1.08E+07	0.274	1829.290	6200	0	12027	0.0014	-0.0004	0.0005	1.06E+07	2.015
3455.880	1201	0	11240	0.0015	-0.0002	0.0010	9.62E+06	0.207	1593.010	2199	0	13253	0.0015	-0.0003	0.0010	1.00E+07	0.231	1913.380	4200	0	15208	0.0015	-0.0003	0.0009	1.07E+07	0.275	1830.290	6200	0	12100	0.0014	-0.0005	0.0005	1.06E+07	2.139
3456.880	1200	0	11350	0.0014	-0.0002	0.0010	9.59E+06	0.206	1594.010	2201	0	13253	0.0015	-0.0003	0.0010	1.01E+07	0.233	1914.380	4199	0	15135	0.0015	-0.0003	0.0009	1.05E+07	0.274	1831.290	6199	0	12063	0.0014	-0.0005	0.0005	1.06E+07	2.286
3457.880	1199	0	11423	0.0015	-0.0002	0.0010	9.61E+06	0.206	1595.010	2201	0	13327	0.0015	-0.0003	0.0010	9.95E+06	0.233	1915.380	4199	0	15208	0.0015	-0.0003	0.0009	1.02E+07	0.273	1832.290	6200	0	12100	0.0014	-0.0005	0.0005	1.08E+07	2.480
3458.880	1199	0	11386	0.0015	-0.0002	0.0010	9.64E+06	0.206	1596.010	2200	0	13363	0.0015	-0.0003	0.0010	9.84E+06	0.231	1916.380	4198	0	15245	0.0015	-0.0003	0.0009	1.00E+07	0.272	1833.290	6201	0	12173	0.0014	-0.0005	0.0005	1.08E+07	2.685
3459.880	1199	0	11459	0.0015	-0.0002	0.0010	9.65E+06	0.204	1597.010	2199	0	13400	0.0015	-0.0003	0.0010	9.86E+06	0.232	1917.380	4200	0	15282	0.0015	-0.0003	0.0009	1.02E+07	0.273	1834.290	6201	0	12210	0.0014	-0.0005	0.0005	1.08E+07	2.899
3460.880	1201	0	11496	0.0015	-0.0002	0.0010	9.66E+06	0.204	1598.010	2201	0	13473	0.0015	-0.0003	0.0010	9.90E+06	0.234	1918.380	4201	0	15318	0.0015	-0.0003	0.0009	1.02E+07	0.274	1835.290	6201	0	12246	0.0014	-0.0005	0.0004	1.08E+07	3.085
3461.880	1200	0	11496	0.0015	-0.0002	0.0010	9.66E+06	0.205	1599.010	2200	0	13473	0.0015	-0.0003	0.0010	9.79E+06	0.231	1919.380	4201	0	15355	0.0015	-0.0003	0.0009	1.01E+07	0.271	1836.290	6199	0	12320	0.0014	-0.0005	0.0004	1.06E+07	3.248
3462.880	1199	0	11496	0.0015	-0.0002	0.0010	9.62E+06	0.206	1600.010	2201	0	13510	0.0015	-0.0003	0.0010	9.82E+06	0.230	1920.380	4200	0	15391	0.0015	-0.0003	0.0009	1.01E+07	0.272	1837.290	6200	0	12246	0.0014	-0.0005	0.0004	1.04E+07	3.412
3463.880	1201	0	11569	0.0015	-0.0002	0.0010	9.58E+06	0.207	1601.010	2200	0	13619	0.0015	-0.0003	0.0010	9.83E+06	0.230	1921.380	4198	0	15428	0.0015	-0.0003	0.0009	9.98E+06	0.268	1838.290	6201	0	12320	0.0014	-0.0005	0.0004	9.95E+06	3.597
3464.880	1201	0	11606	0.0015	-0.0002	0.0010	9.63E+06	0.207	1602.010	2200	0	13619	0.0016	-0.0003	0.0010	9.80E+06	0.232	1922.380	4201	0	15428	0.0015	-0.0003	0.0009	9.92E+06	0.266	1839.290	6199	0	12320	0.0015	-0.0005	0.0004	9.69E+06	3.789
3465.880	1200	0	11679	0.0015	-0.0002	0.0010	9.73E+06	0.208	1603.010	2200	0	13583	0.0016	-0.0003	0.0010	9.76E+06	0.232	1923.380	4199	0	15501	0.0015	-0.0003	0.0009	1.00E+07	0.268	1840.290	6202	0	12466	0.0014	-0.0005	0.0004	9.46E+06	4.027
3466.880	1200	0	11679	0.0015	-0.0002	0.0010	9.70E+06	0.208	1604.010	2201	0	13656	0.0015	-0.0003	0.0010	9.68E+06	0.231	1924.380	4200	0	15538	0.0015	-0.0003	0.0009	9.95E+06	0.268	1841.290	6200	0	12466	0.0015	-0.0005	0.0004	9.14E+06	4.204
3467.880	1199	0	11716	0.0015	-0.0002	0.0010	9.68E+06	0.207	1605.010	2201	0	13693	0.0015	-0.0003	0.0010	9.64E+06	0.231	1925.380	4201	0	15574	0.0015	-0.0003	0.0009	9.87E+06	0.267	1842.290	6200	0	12576	0.0014	-0.0005	0.0004	8.71E+06	4.335
3468.880	1200	0	11789	0.0015	-0.0002	0.0010	9.73E+06	0.207	1606.010	2201	0	13729	0.0015	-0.0003	0.0010	9.76E+06	0.231	1926.380	4201	0	15648	0.0015	-0.0003	0.0009	1.01E+07	0.269	1843.290	6200	0	12613	0.0014	-0.0005	0.0003	8.36E+06	4.480
3469.880	1200	0	11825	0.0015	-0.0002	0.0010	9.66E+06	0.206	1607.010	2201	0	13802	0.0016	-0.0003	0.0010	9.69E+06	0.232	1927.380	4198	0	15574	0.0015	-0.0003	0.0009	9.90E+06	0.269	1844.290	6199	0	12649	0.0014	-0.0006	0.0003	7.98E+06	4.620
3470.880	1201	0	11862	0.0015	-0.0002	0.0011	9.66E+06	0.207	1608.010	2201	0	13802	0.0016	-0.0003	0.0010	9.55E+06	0.230	1928.380	4201	0	15611	0.0016	-0.0003	0.0009	9.84E+06	0.268	1845.280	6199	0	12686	0.0014	-0.0006	0.0003	7.60E+06	4.766
3471.880	1200	0	11899	0.0015	-0.0002	0.0010	9.67E+06	0.208	1609.010	2201	0	13876	0.0016	-0.0003	0.0010	9.48E+06	0.229	1929.380	4200	0	15721	0.0016	-0.0003	0.0009	9.99E+06	0.270	1846.280	6201	0	12796	0.0014	-0.0006	0.0003	7.25E+06	4.876
3472.880	1201	0	11972	0.0015	-0.0002	0.0010	9.64E+06	0.209	1610.010	2200	0	13912	0.0016	-0.0003	0.0010	9.42E+06	0.229	1930.380	4201	0	15757	0.0016	-0.0003	0.0009	9.99E+06	0.270	1847.280	6201	0	12832	0.0014	-0.0006	0.0002	6.93E+06	5.007
3473.880	1200	0	11972	0.0015	-0.0002	0.0010	9.80E+06	0.215	1611.010	2201	0	13949	0.0016	-0.0003	0.0010	9.36E+06	0.231	1931.380	4201	0	15757	0.0015	-0.0003	0.0009	9.95E+06	0.271	1848.280	6199	0	12942	0.0014	-0.0006	0.0002	6.59E+06	5.131
3474.880	1198	0	11935	0.0015	-0.0002	0.0011	9.77E+06	0.214	1612.010	2201	0	14022	0.0016	-0.0003	0.0010	9.37E+06	0.230	1932.380	4199	0	15867	0.0016	-0.0003	0.0009	1.00E+07	0.274	1849.280	6199	0	12942	0.0015	-0.0006	0.0002	6.29E+06	5.241
3475.870	1198	0	11935	0.0015	-0.0002	0.0010	9.87E+06	0.215	1613.010	2201	0	14022	0.0016	-0.0003	0.0010	9.29E+06	0.229	1933.380	4199	0	15867	0.0016	-0.0003	0.0009	9.85E+06	0.273	1850.280	6199	0	12942	0.0015	-0.0007	0.0001	6.02E+06	5.373
3476.870	1200	0	12082	0.0015	-0.0002	0.0011	9.90E+06	0.215	1614.010	2201	0	14095	0.0016	-0.0003	0.0010	9.32E+06	0.230	1934.380	4200	0	15904	0.0016	-0.0003	0.0009	9.86E+06	0.271	1851.280	6198	0	12979	0.0015	-0.0007	0.0001	5.66E+06	5.458
3477.870	1199	0	12082	0.0015	-0.0002	0.0011	1.00E+07	0.217	1615.010	2199	0	14095	0.0016	-0.0003	0.0010	9.51E+06	0.234	1935.370	4201	0	15977	0.0016	-0.0003	0.0009	9.90E+06	0.275	1852.280	6200	0	12979	0.0015	-0.0007	0.0000	5.38E+06	5.577
3478.870	1200	0	12118	0.0015	-0.0002	0.0011	1.02E+07	0.222	1616.010	2200	0	14132	0.0016	-0.0003	0.0010	9.48E+06	0.236	1936.370	4201	0	15977	0.0016	-0.0003	0.0009	9.86E+06	0.275	1853.280	6200	0	13015	0.0015	-0.0007	0.0000	5.06E+06	5.632
3479.870	1200	0	12155	0.0015	-0.0002	0.0011	1.02E+07	0.223	1617.010	2200	0	14168	0.0016	-0.0003	0.0010	9.42E+06	0.233	1937.370	4200	0	15977	0.0016	-0.0003	0.0009	9.75E+06	0.273	1854.280	6201	0	13089	0.0015	-0.0008	-0.0001	4.87E+06	5.770
3480.870	1199	0	12265	0.0015	-0.0002	0.0011	1.01E+07	0.221	1618.010	2199	0	14242	0.0016	-0.0003	0.0010	9.46E+06	0.232	1938.370	4199	0	16014	0.0016	-0.0003	0.0009	9.68E+06	0.272	1855.280	6201	0	13125	0.0015	-0.0008	-0.0001	4.61E+06	5.851
3481.870	1200	0	12265	0.0015	-0.0002	0.0011	1.00E+07	0.220	1619.010	2200	0	14278	0.0016	-0.0003	0.0010	9.48E+06	0.234	1939.370	4199	0	16124	0.0016	-0.0003	0.0009	9.75E+06	0.272	1856.280	6199	0	13125	0.0015	-0.0008	-0.0002	4.38E+06	5.897
3482.870	1201	0	12228	0.0015	-0.0002	0.0011	1.01E+07	0.221	1620.010	2201	0	14242	0.0016	-0.0003	0.0010	9.39E+06	0.234	1940.370	4199	0	16124	0.0016	-0.0003	0.0009	9.81E+06	0.273	1857.280	6200	0	13089	0.0015	-0.0009	-0.0003	4.10E+06	5.972
3483.870	1200	0	12338	0.0015	-0.0002	0.0011	1.01E+07	0.222	1621.010	2201	0	14315	0.0016	-0.0003	0.0010	9.43E+06	0.232	1941.370	4201	0	16160	0.0016	-0.0003	0.0009	9.90E+06	0.274	1858.280	6201	0	13162	0.0015	-0.0009	-0.0003	3.88E+06	6.017
3484.870	1199	0	12375	0.0015	-0.0002	0.0011	1.01E+07	0.222	1622.010	2200	0	14315	0.0016	-0.0003	0.0010	9.41E+06	0.234	1942.370	4200	0	16197	0.0016	-0.0003	0.0009	9.88E+06	0.273	1859.280	6201	0	13125	0.0015	-0.0009	-0.0004	3.68E+06	6.103
3485.870	1201	0	12375	0.0016	-0.0002	0.0011	1.01E+07	0.222	1623.010	2200	0	14425	0.0016	-0.0003	0.0010	9.46E+06	0.235	1943.3																	

3532.860	1201	0	14169	0.0017	-0.0003	0.0012	1.05E+07	0.234	1669.990	2199	0	16072	0.0018	-0.0003	0.0011	1.01E+07	0.258	1990.360	4200	0	18027	0.0018	-0.0004	0.0010	1.02E+07	0.283	1907.260	6199	0	13674	0.0017	-0.0025	-0.0032	3.67E+06	5.351
3533.860	1198	0	14169	0.0017	-0.0003	0.0012	1.04E+07	0.233	1670.990	2201	0	16182	0.0018	-0.0003	0.0011	1.01E+07	0.257	1991.360	4202	0	18137	0.0018	-0.0004	0.0010	1.02E+07	0.282	1908.260	6200	0	13564	0.0018	-0.0025	-0.0033	3.66E+06	5.275
3534.860	1202	0	14242	0.0017	-0.0003	0.0012	1.04E+07	0.231	1671.990	2201	0	16219	0.0018	-0.0003	0.0011	1.03E+07	0.259	1992.360	4200	0	18174	0.0018	-0.0004	0.0010	1.03E+07	0.282	1909.260	6199	0	13674	0.0017	-0.0025	-0.0033	3.70E+06	5.162
3535.860	1200	0	14279	0.0017	-0.0003	0.0012	1.04E+07	0.232	1672.990	2201	0	16329	0.0018	-0.0003	0.0011	1.02E+07	0.261	1993.360	4199	0	18211	0.0018	-0.0004	0.0010	1.03E+07	0.281	1910.260	6200	0	13674	0.0018	-0.0026	-0.0033	3.76E+06	5.076
3536.860	1199	0	14315	0.0017	-0.0003	0.0012	1.03E+07	0.228	1673.990	2201	0	16329	0.0018	-0.0003	0.0011	1.03E+07	0.264	1994.360	4200	0	18284	0.0018	-0.0004	0.0010	1.02E+07	0.279	1911.260	6199	0	13638	0.0018	-0.0026	-0.0034	3.81E+06	5.030
3537.850	1200	0	14315	0.0017	-0.0003	0.0012	1.03E+07	0.232	1674.990	2201	0	16402	0.0018	-0.0003	0.0011	1.05E+07	0.268	1995.360	4201	0	18284	0.0018	-0.0004	0.0010	1.03E+07	0.278	1912.260	6200	0	13711	0.0018	-0.0026	-0.0034	3.85E+06	4.975
3538.850	1200	0	14352	0.0017	-0.0003	0.0012	1.04E+07	0.233	1675.990	2200	0	16329	0.0018	-0.0003	0.0011	1.04E+07	0.267	1996.360	4199	0	18284	0.0018	-0.0004	0.0010	1.03E+07	0.278	1913.260	6199	0	13748	0.0018	-0.0026	-0.0035	3.88E+06	4.916
3539.850	1200	0	14462	0.0017	-0.0003	0.0012	1.05E+07	0.234	1676.990	2201	0	16402	0.0018	-0.0003	0.0011	1.03E+07	0.266	1997.350	4201	0	18320	0.0018	-0.0004	0.0010	1.03E+07	0.279	1914.260	6200	0	13711	0.0018	-0.0026	-0.0035	3.89E+06	4.852
3540.850	1200	0	14462	0.0017	-0.0003	0.0012	1.04E+07	0.234	1677.990	2200	0	16438	0.0018	-0.0003	0.0011	1.05E+07	0.267	1998.350	4201	0	18357	0.0018	-0.0004	0.0010	1.03E+07	0.279	1915.260	6199	0	13748	0.0018	-0.0026	-0.0035	3.95E+06	4.803
3541.850	1200	0	14498	0.0018	-0.0003	0.0012	1.04E+07	0.231	1678.990	2200	0	16475	0.0018	-0.0003	0.0011	1.04E+07	0.266	1999.350	4200	0	18430	0.0018	-0.0004	0.0010	1.03E+07	0.280	1916.260	6199	0	13784	0.0018	-0.0027	-0.0036	4.01E+06	4.749
3542.850	1201	0	14498	0.0018	-0.0003	0.0012	1.03E+07	0.230	1679.990	2201	0	16548	0.0018	-0.0003	0.0012	1.03E+07	0.262	2000.350	4200	0	18467	0.0018	-0.0004	0.0010	1.03E+07	0.281	1917.260	6199	0	13784	0.0018	-0.0027	-0.0036	4.19E+06	4.733
3543.850	1200	0	14608	0.0018	-0.0003	0.0012	1.03E+07	0.228	1680.990	2200	0	16512	0.0018	-0.0003	0.0011	1.04E+07	0.265	2001.350	4202	0	18467	0.0018	-0.0004	0.0010	1.04E+07	0.282	1918.260	6201	0	13784	0.0018	-0.0027	-0.0036	4.18E+06	4.643
3544.850	1201	0	14608	0.0018	-0.0003	0.0012	1.02E+07	0.227	1681.990	2199	0	16585	0.0018	-0.0003	0.0011	1.03E+07	0.265	2002.350	4200	0	18503	0.0018	-0.0004	0.0010	1.04E+07	0.285	1919.260	6201	0	13857	0.0018	-0.0027	-0.0037	4.14E+06	4.563
3545.850	1201	0	14608	0.0018	-0.0003	0.0012	1.01E+07	0.224	1682.990	2200	0	16658	0.0018	-0.0003	0.0011	1.02E+07	0.266	2003.350	4198	0	18577	0.0018	-0.0004	0.0010	1.05E+07	0.285	1920.260	6199	0	13857	0.0018	-0.0027	-0.0037	4.21E+06	4.541
3546.850	1201	0	14681	0.0018	-0.0003	0.0012	1.00E+07	0.223	1683.990	2201	0	16695	0.0018	-0.0003	0.0011	1.03E+07	0.266	2004.350	4199	0	18686	0.0018	-0.0004	0.0010	1.06E+07	0.287	1921.260	6199	0	13821	0.0018	-0.0028	-0.0037	4.23E+06	4.497
3547.850	1200	0	14828	0.0018	-0.0003	0.0012	9.92E+06	0.219	1684.990	2201	0	16805	0.0018	-0.0003	0.0011	1.02E+07	0.262	2005.350	4200	0	18723	0.0018	-0.0004	0.0010	1.05E+07	0.286	1922.260	6199	0	13894	0.0018	-0.0028	-0.0038	4.22E+06	4.430
3548.850	1200	0	14754	0.0018	-0.0003	0.0012	9.92E+06	0.219	1685.980	2201	0	16805	0.0019	-0.0004	0.0012	1.02E+07	0.265	2006.350	4200	0	18686	0.0019	-0.0004	0.0010	1.06E+07	0.291	1923.260	6200	0	13857	0.0018	-0.0028	-0.0038	4.27E+06	4.389
3549.850	1200	0	14828	0.0018	-0.0003	0.0012	9.94E+06	0.217	1686.980	2201	0	16805	0.0019	-0.0004	0.0011	1.03E+07	0.266	2007.350	4202	0	18723	0.0019	-0.0004	0.0010	1.07E+07	0.294	1924.260	6199	0	13931	0.0018	-0.0028	-0.0038	4.33E+06	4.345
3550.850	1201	0	14901	0.0018	-0.0003	0.0012	9.96E+06	0.220	1687.980	2200	0	16841	0.0018	-0.0003	0.0011	1.02E+07	0.265	2008.350	4201	0	18796	0.0018	-0.0004	0.0010	1.06E+07	0.292	1925.260	6199	0	14004	0.0018	-0.0028	-0.0039	4.33E+06	4.286
3551.850	1201	0	14864	0.0018	-0.0003	0.0012	9.93E+06	0.222	1688.980	2200	0	16841	0.0018	-0.0003	0.0011	1.02E+07	0.266	2009.350	4201	0	18796	0.0018	-0.0004	0.0010	1.07E+07	0.294	1926.260	6199	0	13931	0.0018	-0.0029	-0.0039	4.35E+06	4.255
3552.850	1200	0	14937	0.0018	-0.0003	0.0012	9.96E+06	0.223	1689.980	2202	0	16878	0.0019	-0.0004	0.0012	1.03E+07	0.269	2010.350	4200	0	18833	0.0018	-0.0004	0.0010	1.06E+07	0.290	1927.260	6199	0	13967	0.0018	-0.0029	-0.0039	4.32E+06	4.197
3553.850	1201	0	14974	0.0018	-0.0003	0.0012	9.99E+06	0.225	1690.980	2201	0	16951	0.0019	-0.0004	0.0012	1.01E+07	0.264	2011.350	4200	0	18869	0.0018	-0.0004	0.0010	1.06E+07	0.290	1928.260	6200	0	14004	0.0018	-0.0029	-0.0039	4.30E+06	4.143
3554.850	1200	0	14974	0.0018	-0.0003	0.0012	1.01E+07	0.224	1691.980	2198	0	16988	0.0019	-0.0004	0.0012	1.02E+07	0.264	2012.350	4200	0	18943	0.0019	-0.0004	0.0010	1.04E+07	0.289	1929.260	6200	0	14040	0.0018	-0.0029	-0.0040	4.26E+06	4.107
3555.850	1200	0	15047	0.0018	-0.0003	0.0012	9.91E+06	0.224	1692.980	2200	0	17134	0.0019	-0.0004	0.0012	1.03E+07	0.265	2013.350	4201	0	18943	0.0019	-0.0004	0.0011	1.05E+07	0.290	1930.260	6199	0	14040	0.0018	-0.0029	-0.0040	4.24E+06	4.078
3556.850	1200	0	15084	0.0018	-0.0003	0.0012	9.88E+06	0.224	1693.980	2200	0	17061	0.0018	-0.0004	0.0011	1.03E+07	0.265	2014.350	4201	0	19016	0.0019	-0.0004	0.0010	1.05E+07	0.291	1931.260	6200	0	14004	0.0018	-0.0029	-0.0040	4.26E+06	4.062
3557.850	1199	0	15157	0.0018	-0.0003	0.0012	9.88E+06	0.226	1694.980	2201	0	17171	0.0019	-0.0004	0.0011	1.03E+07	0.267	2015.350	4200	0	19126	0.0018	-0.0004	0.0010	1.04E+07	0.290	1932.260	6200	0	14077	0.0018	-0.0030	-0.0041	4.25E+06	4.005
3558.850	1201	0	15157	0.0018	-0.0003	0.0012	9.93E+06	0.227	1695.980	2201	0	17171	0.0019	-0.0004	0.0012	1.03E+07	0.267	2016.350	4200	0	19126	0.0019	-0.0004	0.0010	1.04E+07	0.290	1933.260	6199	0	14040	0.0019	-0.0030	-0.0041	4.29E+06	3.995
3559.850	1201	0	15157	0.0018	-0.0003	0.0012	9.94E+06	0.230	1696.980	2201	0	17280	0.0019	-0.0004	0.0011	1.03E+07	0.267	2017.350	4200	0	19126	0.0019	-0.0004	0.0010	1.03E+07	0.289	1934.260	6200	0	14077	0.0019	-0.0030	-0.0041	4.28E+06	3.937
3560.850	1201	0	15267	0.0018	-0.0003	0.0012	9.89E+06	0.229	1697.980	2201	0	17207	0.0019	-0.0004	0.0012	1.04E+07	0.268	2018.350	4201	0	19162	0.0019	-0.0004	0.0011	1.04E+07	0.290	1935.260	6200	0	14150	0.0019	-0.0030	-0.0041	4.33E+06	3.945
3561.850	1199	0	15304	0.0018	-0.0003	0.0012	9.78E+06	0.229	1698.980	2200	0	17280	0.0019	-0.0004	0.0012	1.05E+07	0.266	2019.350	4200	0	19236	0.0019	-0.0004	0.0011	1.04E+07	0.290	1936.260	6199	0	14150	0.0019	-0.0030	-0.0042	4.37E+06	3.942
3562.850	1201	0	15304	0.0018	-0.0003	0.0012	9.72E+06	0.229	1699.980	2199	0	17244	0.0019	-0.0004	0.0012	1.05E+07	0.266	2020.350	4200	0	19345	0.0019	-0.0004	0.0010	1.05E+07	0.291	1937.260	6200	0	14187	0.0019	-0.0030	-0.0042	4.37E+06	3.913
3563.850	1201	0	15340	0.0018	-0.0003	0.0012	9.62E+06	0.232	1700.980	2199	0	17317	0.0019	-0.0004	0.0012	1.05E+07	0.265	2021.350	4200	0	19272	0.0019	-0.0004	0.0010	1.05E+07	0.289	1938.250	6199	0	14187	0.0019	-0.0031	-0.0042	4.38E+06	3.888
3564.850	1200	0	15377	0.0018	-0.0003	0.0012	9.60E+06	0.232	1701.980	2200	0	17390	0.0019	-0.0004	0.0012	1.06E+07	0.266	2022.3																	



3611.830	1199	0	17134	0.0020	-0.0004	0.0013	9.73E+06	0.265	1748.960	2200	0	19111	0.0021	-0.0004	0.0012	1.01E+07	0.271	2069.330	4201	0	21176	0.0020	-0.0005	0.0011	1.08E+07	0.313	1986.240	6200	0	15102	0.0021	-0.0038	-0.0055	5.28E+06	3.479
3612.830	1200	0	17171	0.0020	-0.0004	0.0013	9.71E+06	0.265	1749.960	2198	0	19221	0.0021	-0.0004	0.0012	1.00E+07	0.267	2070.330	4199	0	21213	0.0021	-0.0005	0.0011	1.09E+07	0.314	1987.240	6200	0	15102	0.0021	-0.0038	-0.0055	5.30E+06	3.470
3613.830	1202	0	17134	0.0020	-0.0004	0.0013	9.57E+06	0.266	1750.960	2201	0	19331	0.0021	-0.0004	0.0012	1.01E+07	0.267	2071.330	4199	0	21249	0.0021	-0.0005	0.0011	1.08E+07	0.312	1988.240	6200	0	15139	0.0021	-0.0038	-0.0055	5.35E+06	3.451
3614.830	1200	0	17244	0.0020	-0.0004	0.0013	9.49E+06	0.267	1751.960	2201	0	19331	0.0021	-0.0004	0.0013	1.01E+07	0.266	2072.330	4200	0	21286	0.0021	-0.0005	0.0011	1.09E+07	0.313	1989.240	6199	0	15175	0.0021	-0.0038	-0.0056	5.29E+06	3.394
3615.830	1200	0	17317	0.0020	-0.0004	0.0013	9.52E+06	0.265	1752.960	2199	0	19367	0.0021	-0.0004	0.0012	1.03E+07	0.268	2073.330	4202	0	21359	0.0021	-0.0005	0.0011	1.09E+07	0.314	1990.240	6200	0	15212	0.0021	-0.0038	-0.0056	5.29E+06	3.363
3616.830	1200	0	17317	0.0020	-0.0004	0.0013	9.59E+06	0.266	1753.960	2201	0	19404	0.0021	-0.0004	0.0012	1.01E+07	0.267	2074.330	4200	0	21396	0.0021	-0.0005	0.0011	1.08E+07	0.313	1991.240	6200	0	15249	0.0021	-0.0038	-0.0056	5.19E+06	3.309
3617.830	1201	0	17317	0.0020	-0.0004	0.0013	9.61E+06	0.268	1754.960	2201	0	19404	0.0021	-0.0004	0.0012	1.02E+07	0.269	2075.330	4202	0	21469	0.0021	-0.0005	0.0011	1.08E+07	0.313	1992.240	6199	0	15249	0.0021	-0.0039	-0.0056	5.13E+06	3.282
3618.830	1200	0	17390	0.0020	-0.0004	0.0013	9.77E+06	0.273	1755.960	2201	0	19514	0.0021	-0.0004	0.0012	1.03E+07	0.271	2076.330	4199	0	21506	0.0021	-0.0005	0.0011	1.08E+07	0.313	1993.240	6199	0	15322	0.0021	-0.0039	-0.0057	5.05E+06	3.231
3619.830	1203	0	17464	0.0021	-0.0004	0.0013	9.68E+06	0.277	1756.960	2200	0	19514	0.0021	-0.0004	0.0013	1.02E+07	0.271	2077.330	4200	0	21469	0.0021	-0.0005	0.0011	1.06E+07	0.314	1994.240	6200	0	15285	0.0021	-0.0039	-0.0057	5.00E+06	3.211
3620.830	1200	0	17427	0.0021	-0.0004	0.0014	9.67E+06	0.278	1757.960	2198	0	19550	0.0021	-0.0004	0.0013	1.01E+07	0.269	2078.330	4201	0	21542	0.0021	-0.0005	0.0011	1.06E+07	0.311	1995.240	6200	0	15285	0.0021	-0.0039	-0.0057	4.90E+06	3.156
3621.830	1199	0	17537	0.0021	-0.0004	0.0013	9.74E+06	0.282	1758.960	2201	0	19587	0.0021	-0.0004	0.0013	1.03E+07	0.271	2079.330	4201	0	21615	0.0021	-0.0005	0.0011	1.07E+07	0.313	1996.240	6201	0	15395	0.0021	-0.0039	-0.0057	4.81E+06	3.101
3622.830	1199	0	17537	0.0021	-0.0004	0.0013	9.78E+06	0.284	1759.960	2200	0	19624	0.0021	-0.0004	0.0013	1.01E+07	0.266	2080.330	4200	0	21689	0.0021	-0.0005	0.0011	1.06E+07	0.314	1997.240	6199	0	15358	0.0021	-0.0039	-0.0058	4.75E+06	3.087
3623.830	1199	0	17647	0.0021	-0.0004	0.0013	9.73E+06	0.285	1760.960	2200	0	19660	0.0021	-0.0004	0.0013	1.01E+07	0.268	2081.330	4199	0	21689	0.0021	-0.0005	0.0011	1.07E+07	0.315	1998.240	6201	0	15395	0.0021	-0.0039	-0.0058	4.68E+06	3.050
3624.830	1202	0	17647	0.0021	-0.0004	0.0013	9.80E+06	0.289	1761.960	2201	0	19733	0.0021	-0.0004	0.0013	1.03E+07	0.271	2082.330	4199	0	21762	0.0021	-0.0005	0.0011	1.07E+07	0.314	1999.240	6199	0	15322	0.0021	-0.0040	-0.0058	4.63E+06	3.026
3625.830	1201	0	17647	0.0021	-0.0004	0.0013	9.67E+06	0.289	1762.960	2200	0	19733	0.0021	-0.0004	0.0013	1.03E+07	0.272	2083.330	4200	0	21798	0.0021	-0.0005	0.0011	1.05E+07	0.313	2000.230	6201	0	15432	0.0021	-0.0040	-0.0058	4.62E+06	2.995
3626.830	1202	0	17720	0.0021	-0.0004	0.0013	9.62E+06	0.289	1763.960	2200	0	19770	0.0021	-0.0004	0.0013	1.04E+07	0.275	2084.330	4199	0	21798	0.0021	-0.0005	0.0011	1.06E+07	0.315	2001.230	6200	0	15432	0.0021	-0.0040	-0.0058	4.56E+06	2.976
3627.830	1199	0	17720	0.0021	-0.0004	0.0013	9.67E+06	0.290	1764.960	2200	0	19807	0.0021	-0.0004	0.0013	1.04E+07	0.275	2085.330	4199	0	21798	0.0021	-0.0005	0.0011	1.06E+07	0.313	2002.230	6200	0	15505	0.0021	-0.0040	-0.0059	4.56E+06	2.979
3628.830	1199	0	17757	0.0021	-0.0004	0.0013	9.72E+06	0.289	1765.960	2201	0	19733	0.0021	-0.0004	0.0013	1.04E+07	0.276	2086.330	4201	0	21872	0.0021	-0.0005	0.0011	1.05E+07	0.310	2003.230	6199	0	15542	0.0022	-0.0040	-0.0059	4.49E+06	2.951
3629.830	1201	0	17793	0.0021	-0.0004	0.0013	9.83E+06	0.292	1766.960	2201	0	19843	0.0021	-0.0004	0.0013	1.04E+07	0.278	2087.330	4199	0	21872	0.0021	-0.0005	0.0011	1.04E+07	0.309	2004.230	6199	0	15505	0.0021	-0.0040	-0.0059	4.39E+06	2.904
3630.820	1201	0	17903	0.0021	-0.0004	0.0013	9.82E+06	0.298	1767.960	2200	0	19917	0.0021	-0.0004	0.0013	1.04E+07	0.280	2088.330	4199	0	22055	0.0021	-0.0005	0.0011	1.04E+07	0.308	2005.230	6199	0	15542	0.0021	-0.0040	-0.0059	4.38E+06	2.885
3631.820	1202	0	17940	0.0021	-0.0004	0.0013	9.64E+06	0.295	1768.960	2201	0	19953	0.0021	-0.0004	0.0013	1.04E+07	0.285	2089.330	4199	0	22018	0.0021	-0.0005	0.0011	1.02E+07	0.304	2006.230	6199	0	15505	0.0022	-0.0041	-0.0059	4.33E+06	2.848
3632.820	1200	0	17940	0.0021	-0.0004	0.0013	9.70E+06	0.299	1769.960	2202	0	19990	0.0022	-0.0004	0.0013	1.05E+07	0.289	2090.330	4200	0	22018	0.0022	-0.0005	0.0012	1.03E+07	0.305	2007.230	6200	0	15578	0.0022	-0.0041	-0.0060	4.26E+06	2.816
3633.820	1201	0	17976	0.0021	-0.0004	0.0014	9.75E+06	0.302	1770.960	2201	0	19990	0.0021	-0.0004	0.0013	1.05E+07	0.287	2091.320	4201	0	22055	0.0021	-0.0005	0.0011	1.03E+07	0.305	2008.230	6200	0	15651	0.0022	-0.0041	-0.0060	4.32E+06	2.812
3634.820	1199	0	18086	0.0021	-0.0004	0.0013	9.79E+06	0.306	1771.960	2199	0	20063	0.0021	-0.0004	0.0013	1.05E+07	0.290	2092.320	4199	0	22091	0.0021	-0.0005	0.0011	1.01E+07	0.302	2009.230	6201	0	15761	0.0022	-0.0041	-0.0060	4.28E+06	2.778
3635.820	1200	0	18013	0.0021	-0.0004	0.0013	9.97E+06	0.310	1772.960	2202	0	20100	0.0021	-0.0004	0.0013	1.04E+07	0.291	2093.320	4200	0	22165	0.0021	-0.0005	0.0011	1.02E+07	0.304	2010.230	6199	0	15651	0.0022	-0.0041	-0.0060	4.24E+06	2.754
3636.820	1201	0	18086	0.0021	-0.0004	0.0013	9.97E+06	0.309	1773.960	2201	0	20100	0.0021	-0.0004	0.0013	1.06E+07	0.294	2094.320	4199	0	22274	0.0021	-0.0005	0.0011	1.01E+07	0.301	2011.230	6199	0	15725	0.0022	-0.0041	-0.0061	4.25E+06	2.740
3637.820	1200	0	18086	0.0021	-0.0004	0.0013	9.88E+06	0.308	1774.960	2201	0	20173	0.0022	-0.0004	0.0013	1.05E+07	0.297	2095.320	4200	0	22274	0.0021	-0.0005	0.0011	1.01E+07	0.302	2012.230	6200	0	15688	0.0022	-0.0041	-0.0061	4.15E+06	2.702
3638.820	1200	0	18123	0.0021	-0.0004	0.0014	9.84E+06	0.307	1775.960	2200	0	20283	0.0022	-0.0004	0.0013	1.05E+07	0.300	2096.320	4199	0	22274	0.0022	-0.0005	0.0012	1.01E+07	0.303	2013.230	6200	0	15761	0.0022	-0.0041	-0.0061	4.10E+06	2.667
3639.820	1200	0	18196	0.0021	-0.0004	0.0014	9.87E+06	0.311	1776.960	2200	0	20209	0.0022	-0.0004	0.0013	1.06E+07	0.299	2097.320	4200	0	22384	0.0021	-0.0005	0.0011	1.02E+07	0.304	2014.230	6200	0	15725	0.0022	-0.0042	-0.0061	4.11E+06	2.657
3640.820	1201	0	18232	0.0021	-0.0004	0.0014	9.85E+06	0.314	1777.960	2201	0	20319	0.0022	-0.0004	0.0013	1.05E+07	0.293	2098.320	4200	0	22311	0.0021	-0.0005	0.0011	1.01E+07	0.304	2015.230	6199	0	15761	0.0022	-0.0042	-0.0061	4.07E+06	2.637
3641.820	1198	0	18232	0.0021	-0.0004	0.0013	9.88E+06	0.317	1778.960	2199	0	20246	0.0022	-0.0004	0.0013	1.05E+07	0.292	2099.320	4200	0	22384	0.0022	-0.0005	0.0011	1.02E+07	0.304	2016.230	6199	0	15688	0.0022	-0.0042	-0.0061	4.06E+06	2.625
3642.820	1201	0	18306	0.0021	-0.0004	0.0014	9.82E+06	0.314	1779.950	2201	0	20429	0.0022	-0.0004	0.0013	1.06E+07	0.295	2100.320	4198	0	22384	0.0022	-0.0005	0.0011	1.03E+07	0.306	2017.230	6199	0	15725	0.0022	-0.0042	-0.0062	4.08E+06	2.620
3643.820	1201	0	18306	0.0021	-0.0004	0.0013	9.61E+06	0.315	1780.950	2200	0	20392	0.0022	-0.0004	0.0013	1.05E+07	0.295	2101.3																	

3690.810	1201	0	20026	0.0023	-0.0004	0.0014	9.61E+06	0.319	1827.940	2201	0	22260	0.0023	-0.0005	0.0014	1.13E+07	0.305	2148.310	4200	0	24581	0.0024	-0.0006	0.0012	1.02E+07	0.308	2065.210	6201	0	16823	0.0024	-0.0046	-0.0069	7.51E+06	1.438
3691.810	1200	0	20136	0.0023	-0.0004	0.0014	9.54E+06	0.321	1828.940	2200	0	22296	0.0023	-0.0005	0.0014	1.13E+07	0.305	2149.310	4201	0	24544	0.0024	-0.0006	0.0012	1.03E+07	0.310	2066.210	6199	0	16859	0.0024	-0.0046	-0.0069	7.45E+06	1.379
3692.810	1200	0	20136	0.0023	-0.0004	0.0014	9.66E+06	0.328	1829.940	2199	0	22369	0.0024	-0.0005	0.0014	1.13E+07	0.304	2150.310	4200	0	24581	0.0024	-0.0006	0.0012	1.03E+07	0.309	2067.210	6201	0	16896	0.0024	-0.0047	-0.0069	7.53E+06	1.334
3693.800	1202	0	20173	0.0023	-0.0004	0.0014	9.75E+06	0.330	1830.940	2200	0	22406	0.0024	-0.0005	0.0014	1.13E+07	0.306	2151.310	4200	0	24617	0.0024	-0.0006	0.0012	1.04E+07	0.312	2068.210	6201	0	16859	0.0024	-0.0047	-0.0069	7.66E+06	1.298
3694.800	1199	0	20209	0.0023	-0.0004	0.0014	9.69E+06	0.332	1831.940	2199	0	22443	0.0024	-0.0005	0.0014	1.11E+07	0.303	2152.310	4201	0	24727	0.0024	-0.0006	0.0012	1.04E+07	0.314	2069.210	6200	0	17006	0.0024	-0.0047	-0.0069	7.71E+06	1.249
3695.800	1201	0	20246	0.0023	-0.0004	0.0014	9.72E+06	0.337	1832.940	2200	0	22552	0.0023	-0.0005	0.0014	1.10E+07	0.303	2153.300	4201	0	24764	0.0024	-0.0006	0.0012	1.06E+07	0.319	2070.210	6199	0	16933	0.0024	-0.0047	-0.0069	7.65E+06	1.194
3696.800	1200	0	20283	0.0023	-0.0004	0.0014	9.76E+06	0.340	1833.940	2200	0	22552	0.0024	-0.0005	0.0014	1.11E+07	0.305	2154.300	4200	0	24801	0.0024	-0.0006	0.0012	1.07E+07	0.323	2071.210	6199	0	17006	0.0024	-0.0047	-0.0069	7.73E+06	1.157
3697.800	1202	0	20319	0.0023	-0.0005	0.0014	9.62E+06	0.340	1834.940	2200	0	22589	0.0024	-0.0005	0.0014	1.11E+07	0.308	2155.300	4202	0	24764	0.0024	-0.0006	0.0012	1.07E+07	0.326	2072.210	6201	0	17079	0.0024	-0.0047	-0.0069	7.82E+06	1.112
3698.800	1200	0	20393	0.0024	-0.0005	0.0015	9.69E+06	0.343	1835.940	2201	0	22662	0.0024	-0.0005	0.0014	1.12E+07	0.312	2156.300	4201	0	24837	0.0024	-0.0006	0.0012	1.08E+07	0.329	2073.210	6199	0	17116	0.0024	-0.0047	-0.0069	7.85E+06	1.071
3699.800	1200	0	20429	0.0023	-0.0005	0.0014	9.93E+06	0.352	1836.940	2201	0	22736	0.0024	-0.0005	0.0014	1.12E+07	0.312	2157.300	4201	0	24837	0.0024	-0.0006	0.0012	1.09E+07	0.332	2074.210	6200	0	17116	0.0024	-0.0047	-0.0069	7.83E+06	1.020
3700.800	1200	0	20466	0.0023	-0.0005	0.0014	9.90E+06	0.354	1837.940	2201	0	22736	0.0024	-0.0005	0.0014	1.11E+07	0.310	2158.300	4201	0	25020	0.0024	-0.0006	0.0012	1.08E+07	0.330	2075.210	6200	0	17152	0.0024	-0.0047	-0.0069	7.86E+06	0.983
3701.800	1199	0	20466	0.0023	-0.0005	0.0014	9.88E+06	0.356	1838.940	2200	0	22736	0.0024	-0.0005	0.0014	1.12E+07	0.314	2159.300	4200	0	24947	0.0024	-0.0006	0.0012	1.08E+07	0.330	2076.210	6199	0	17226	0.0024	-0.0047	-0.0069	7.86E+06	0.939
3702.800	1200	0	20466	0.0023	-0.0005	0.0014	1.03E+07	0.359	1839.940	2199	0	22809	0.0024	-0.0005	0.0014	1.11E+07	0.313	2160.300	4200	0	24910	0.0024	-0.0006	0.0012	1.10E+07	0.331	2077.210	6199	0	17226	0.0024	-0.0047	-0.0069	7.88E+06	0.906
3703.800	1201	0	20539	0.0024	-0.0005	0.0014	1.00E+07	0.351	1840.940	2201	0	22845	0.0024	-0.0005	0.0014	1.09E+07	0.308	2161.300	4200	0	25020	0.0024	-0.0006	0.0012	1.11E+07	0.333	2078.210	6201	0	17226	0.0025	-0.0047	-0.0069	8.10E+06	0.881
3704.800	1199	0	20612	0.0024	-0.0005	0.0014	1.02E+07	0.353	1841.940	2201	0	22882	0.0024	-0.0005	0.0014	1.09E+07	0.307	2162.300	4201	0	25093	0.0024	-0.0006	0.0012	1.13E+07	0.338	2079.210	6199	0	17335	0.0025	-0.0047	-0.0069	8.14E+06	0.848
3705.800	1200	0	20612	0.0024	-0.0005	0.0014	1.03E+07	0.355	1842.930	2200	0	22882	0.0024	-0.0005	0.0014	1.09E+07	0.307	2163.300	4198	0	25093	0.0024	-0.0006	0.0012	1.12E+07	0.335	2080.210	6200	0	17335	0.0025	-0.0047	-0.0069	8.13E+06	0.810
3706.800	1199	0	20612	0.0023	-0.0005	0.0014	1.02E+07	0.356	1843.930	2201	0	22919	0.0024	-0.0005	0.0014	1.07E+07	0.304	2164.300	4200	0	25130	0.0024	-0.0006	0.0012	1.11E+07	0.333	2081.210	6200	0	17372	0.0025	-0.0047	-0.0069	8.09E+06	0.776
3707.800	1199	0	20685	0.0024	-0.0005	0.0014	1.02E+07	0.357	1844.930	2199	0	23028	0.0024	-0.0005	0.0014	1.06E+07	0.307	2165.300	4199	0	25167	0.0024	-0.0006	0.0012	1.13E+07	0.338	2082.210	6199	0	17409	0.0025	-0.0047	-0.0070	8.07E+06	0.743
3708.800	1201	0	20722	0.0024	-0.0005	0.0014	1.01E+07	0.356	1845.930	2201	0	23065	0.0024	-0.0005	0.0014	1.07E+07	0.314	2166.300	4199	0	25203	0.0024	-0.0006	0.0012	1.14E+07	0.341	2083.210	6199	0	17409	0.0025	-0.0047	-0.0070	8.18E+06	0.715
3709.800	1199	0	20722	0.0024	-0.0005	0.0014	9.92E+06	0.354	1846.930	2201	0	23102	0.0024	-0.0005	0.0014	1.06E+07	0.316	2167.300	4201	0	25240	0.0024	-0.0006	0.0012	1.13E+07	0.339	2084.210	6201	0	17482	0.0025	-0.0047	-0.0069	8.20E+06	0.679
3710.800	1200	0	20759	0.0024	-0.0005	0.0015	9.93E+06	0.356	1847.930	2201	0	23102	0.0024	-0.0005	0.0014	1.05E+07	0.313	2168.300	4201	0	25313	0.0024	-0.0006	0.0012	1.12E+07	0.337	2085.210	6202	0	17445	0.0025	-0.0047	-0.0069	8.27E+06	0.651
3711.800	1200	0	20905	0.0024	-0.0005	0.0014	9.92E+06	0.359	1848.930	2199	0	23175	0.0024	-0.0005	0.0014	1.05E+07	0.313	2169.300	4199	0	25350	0.0024	-0.0006	0.0012	1.13E+07	0.340	2086.210	6200	0	17519	0.0025	-0.0047	-0.0069	8.23E+06	0.615
3712.800	1199	0	20832	0.0024	-0.0005	0.0015	9.89E+06	0.361	1849.930	2200	0	23175	0.0024	-0.0005	0.0014	1.05E+07	0.314	2170.300	4200	0	25386	0.0024	-0.0006	0.0012	1.14E+07	0.343	2087.210	6199	0	17592	0.0025	-0.0047	-0.0070	8.27E+06	0.591
3713.800	1202	0	20978	0.0024	-0.0005	0.0014	9.91E+06	0.364	1850.930	2198	0	23212	0.0024	-0.0005	0.0014	1.05E+07	0.313	2171.300	4199	0	25386	0.0024	-0.0006	0.0013	1.15E+07	0.344	2088.210	6199	0	17592	0.0025	-0.0047	-0.0069	8.28E+06	0.571
3714.800	1199	0	20978	0.0024	-0.0005	0.0014	9.85E+06	0.365	1851.930	2201	0	23212	0.0024	-0.0005	0.0014	1.04E+07	0.313	2172.300	4200	0	25423	0.0024	-0.0006	0.0012	1.15E+07	0.344	2089.210	6199	0	17555	0.0025	-0.0047	-0.0070	8.22E+06	0.543
3715.800	1201	0	20978	0.0024	-0.0005	0.0014	9.74E+06	0.364	1852.930	2201	0	23321	0.0024	-0.0005	0.0014	1.04E+07	0.316	2173.300	4200	0	25496	0.0024	-0.0006	0.0012	1.14E+07	0.340	2090.210	6201	0	17592	0.0025	-0.0047	-0.0069	8.20E+06	0.519
3716.800	1200	0	21015	0.0024	-0.0005	0.0015	9.68E+06	0.366	1853.930	2200	0	23321	0.0024	-0.0005	0.0014	1.04E+07	0.315	2174.300	4200	0	25533	0.0024	-0.0006	0.0013	1.13E+07	0.339	2091.210	6200	0	17592	0.0025	-0.0047	-0.0069	8.23E+06	0.496
3717.800	1201	0	21088	0.0024	-0.0005	0.0014	9.71E+06	0.369	1854.930	2200	0	23431	0.0024	-0.0005	0.0014	1.04E+07	0.318	2175.300	4199	0	25606	0.0025	-0.0006	0.0013	1.13E+07	0.338	2092.210	6202	0	17702	0.0025	-0.0047	-0.0069	8.23E+06	0.475
3718.800	1200	0	21161	0.0024	-0.0005	0.0014	9.73E+06	0.371	1855.930	2201	0	23358	0.0024	-0.0005	0.0014	1.03E+07	0.314	2176.300	4201	0	25606	0.0024	-0.0006	0.0012	1.12E+07	0.339	2093.210	6199	0	17738	0.0025	-0.0047	-0.0070	8.15E+06	0.449
3719.800	1198	0	21161	0.0024	-0.0005	0.0014	9.83E+06	0.376	1856.930	2200	0	23468	0.0025	-0.0005	0.0014	1.03E+07	0.313	2177.300	4199	0	25679	0.0024	-0.0006	0.0012	1.11E+07	0.337	2094.200	6200	0	17738	0.0025	-0.0047	-0.0069	8.13E+06	0.431
3720.800	1200	0	21161	0.0024	-0.0005	0.0014	9.82E+06	0.378	1857.930	2198	0	23504	0.0025	-0.0005	0.0014	1.03E+07	0.316	2178.300	4199	0	25716	0.0024	-0.0006	0.0012	1.12E+07	0.337	2095.200	6199	0	17738	0.0025	-0.0047	-0.0069	8.15E+06	0.410
3721.800	1201	0	21198	0.0024	-0.0005	0.0015	9.68E+06	0.377	1858.930	2201	0	23541	0.0025	-0.0005	0.0014	1.05E+07	0.320	2179.300	4200	0	25643	0.0024	-0.0006	0.0012	1.12E+07	0.336	2096.200	6200	0	17811	0.0025	-0.0047	-0.0069	8.14E+06	0.391
3722.800	1201	0	21235	0.0024	-0.0005	0.0015	9.74E+06	0.381	1859.930	2200	0	23541	0.0025	-0.0005	0.0014	1.03E+07	0.317	2180.3																	

1906.910	2200	0	25298	0.0026	-0.0006	0.0015	9.76E+06	0.323	2227.280	4200	0	27473	0.0026	-0.0007	0.0013	1.04E+07	0.329	2144.190	6200	0	19422	0.0027	-0.0048	-0.0068	8.14E+06	0.186
1907.910	2200	0	25372	0.0026	-0.0006	0.0015	9.83E+06	0.325	2228.280	4199	0	27546	0.0026	-0.0007	0.0013	1.03E+07	0.328	2145.190	6201	0	19459	0.0027	-0.0048	-0.0068	8.14E+06	0.186
1908.910	2200	0	25445	0.0026	-0.0006	0.0015	9.89E+06	0.328	2229.280	4200	0	27546	0.0026	-0.0007	0.0013	1.03E+07	0.329	2146.190	6199	0	19569	0.0027	-0.0048	-0.0068	8.14E+06	0.185
1909.910	2199	0	25445	0.0026	-0.0006	0.0015	9.92E+06	0.329	2230.280	4200	0	27656	0.0026	-0.0007	0.0013	1.02E+07	0.327	2147.190	6199	0	19532	0.0027	-0.0048	-0.0068	8.07E+06	0.182
1910.910	2201	0	25445	0.0027	-0.0006	0.0015	9.82E+06	0.328	2231.280	4199	0	27656	0.0026	-0.0007	0.0013	1.03E+07	0.329	2148.190	6198	0	19569	0.0027	-0.0048	-0.0068	8.15E+06	0.183
1911.910	2201	0	25555	0.0027	-0.0006	0.0015	9.86E+06	0.330	2232.280	4199	0	27729	0.0026	-0.0007	0.0013	1.04E+07	0.333	2149.190	6199	0	19569	0.0027	-0.0048	-0.0068	8.15E+06	0.182
1912.910	2201	0	25591	0.0027	-0.0006	0.0015	9.78E+06	0.330	2233.280	4200	0	27729	0.0026	-0.0007	0.0013	1.05E+07	0.336	2150.190	6198	0	19679	0.0027	-0.0048	-0.0068	8.21E+06	0.182
1913.910	2201	0	25591	0.0027	-0.0006	0.0015	9.78E+06	0.332	2234.280	4199	0	27729	0.0027	-0.0007	0.0013	1.04E+07	0.337	2151.190	6200	0	19715	0.0027	-0.0048	-0.0068	8.24E+06	0.183
1914.910	2200	0	25664	0.0027	-0.0006	0.0015	9.76E+06	0.333	2235.280	4199	0	27839	0.0027	-0.0007	0.0013	1.05E+07	0.336	2152.190	6199	0	19752	0.0027	-0.0048	-0.0068	8.28E+06	0.184
1915.910	2200	0	25701	0.0027	-0.0006	0.0015	9.81E+06	0.337	2236.280	4200	0	27949	0.0026	-0.0007	0.0013	1.05E+07	0.338	2153.190	6199	0	19752	0.0027	-0.0048	-0.0068	8.07E+06	0.182
1916.910	2199	0	25701	0.0027	-0.0006	0.0015	9.75E+06	0.337	2237.280	4202	0	27912	0.0027	-0.0007	0.0013	1.05E+07	0.336	2154.190	6199	0	19715	0.0028	-0.0048	-0.0068	8.11E+06	0.182
1917.910	2201	0	25774	0.0027	-0.0006	0.0015	9.77E+06	0.337	2238.280	4200	0	27949	0.0027	-0.0007	0.0013	1.05E+07	0.337	2155.190	6200	0	19788	0.0027	-0.0048	-0.0068	8.08E+06	0.181
1918.910	2199	0	25848	0.0027	-0.0006	0.0015	9.79E+06	0.342	2239.280	4200	0	27986	0.0027	-0.0007	0.0013	1.05E+07	0.337	2156.180	6199	0	19825	0.0027	-0.0048	-0.0068	8.00E+06	0.179
1919.910	2201	0	25848	0.0027	-0.0006	0.0015	9.73E+06	0.346	2240.280	4200	0	28022	0.0027	-0.0007	0.0013	1.06E+07	0.339	2157.180	6199	0	19862	0.0028	-0.0048	-0.0068	8.06E+06	0.180
1920.910	2201	0	25884	0.0027	-0.0006	0.0015	9.79E+06	0.349	2241.280	4200	0	28022	0.0027	-0.0007	0.0013	1.07E+07	0.341	2158.180	6200	0	19898	0.0028	-0.0048	-0.0068	8.18E+06	0.183
1921.910	2200	0	25921	0.0027	-0.0006	0.0015	9.78E+06	0.354	2242.280	4201	0	28132	0.0027	-0.0007	0.0013	1.08E+07	0.340	2159.180	6199	0	19971	0.0028	-0.0048	-0.0068	8.24E+06	0.191
1922.910	2202	0	26031	0.0027	-0.0006	0.0015	9.76E+06	0.355	2243.280	4198	0	28096	0.0027	-0.0007	0.0013	1.08E+07	0.342	2160.180	6199	0	20008	0.0028	-0.0048	-0.0068	8.39E+06	0.200
1923.910	2201	0	26031	0.0027	-0.0006	0.0015	9.68E+06	0.355	2244.280	4200	0	28169	0.0027	-0.0007	0.0013	1.08E+07	0.340	2161.180	6200	0	20045	0.0028	-0.0048	-0.0068	8.51E+06	0.207
1924.910	2201	0	26067	0.0027	-0.0006	0.0015	9.60E+06	0.356	2245.280	4202	0	28205	0.0027	-0.0007	0.0013	1.07E+07	0.340	2162.180	6199	0	20045	0.0028	-0.0048	-0.0068	8.47E+06	0.213
1925.910	2199	0	26067	0.0027	-0.0006	0.0015	9.69E+06	0.361	2246.280	4200	0	28242	0.0027	-0.0007	0.0013	1.08E+07	0.340	2163.180	6201	0	20118	0.0028	-0.0048	-0.0068	8.58E+06	0.218
1926.910	2201	0	26067	0.0027	-0.0006	0.0015	9.67E+06	0.365	2247.270	4201	0	28279	0.0027	-0.0007	0.0013	1.08E+07	0.339	2164.180	6199	0	20118	0.0028	-0.0048	-0.0068	8.61E+06	0.225
1927.910	2201	0	26104	0.0027	-0.0006	0.0015	9.65E+06	0.365	2248.270	4200	0	28315	0.0027	-0.0007	0.0013	1.09E+07	0.342	2165.180	6200	0	20081	0.0028	-0.0048	-0.0068	8.53E+06	0.228
1928.910	2201	0	26104	0.0027	-0.0006	0.0015	9.36E+06	0.359	2249.270	4199	0	28279	0.0027	-0.0007	0.0013	1.10E+07	0.341	2166.180	6199	0	20228	0.0028	-0.0048	-0.0068	8.48E+06	0.231
1929.910	2201	0	26214	0.0027	-0.0006	0.0015	9.41E+06	0.365	2250.270	4200	0	28315	0.0027	-0.0007	0.0013	1.10E+07	0.340	2167.180	6199	0	20264	0.0028	-0.0048	-0.0068	8.42E+06	0.233
1930.910	2201	0	26324	0.0027	-0.0006	0.0015	9.36E+06	0.369	2251.270	4200	0	28352	0.0027	-0.0007	0.0013	1.09E+07	0.337	2168.180	6200	0	20301	0.0028	-0.0048	-0.0068	8.17E+06	0.231
1931.910	2200	0	26324	0.0027	-0.0006	0.0015	9.13E+06	0.367	2252.270	4200	0	28425	0.0027	-0.0007	0.0013	1.08E+07	0.332	2169.180	6200	0	20228	0.0028	-0.0048	-0.0068	8.13E+06	0.236
1932.910	2199	0	26324	0.0027	-0.0006	0.0015	9.03E+06	0.364	2253.270	4200	0	28498	0.0027	-0.0007	0.0013	1.08E+07	0.332	2170.180	6200	0	20338	0.0028	-0.0048	-0.0068	8.02E+06	0.236
1933.910	2199	0	26397	0.0027	-0.0006	0.0015	9.04E+06	0.368	2254.270	4200	0	28462	0.0027	-0.0007	0.0013	1.09E+07	0.335	2171.180	6199	0	20411	0.0028	-0.0048	-0.0068	7.84E+06	0.237
1934.910	2200	0	26360	0.0027	-0.0006	0.0015	9.08E+06	0.371	2255.270	4200	0	28572	0.0027	-0.0007	0.0013	1.08E+07	0.329	2172.180	6201	0	20374	0.0028	-0.0048	-0.0067	7.84E+06	0.240
1935.900	2201	0	26433	0.0028	-0.0006	0.0015	9.05E+06	0.374	2256.270	4201	0	28645	0.0027	-0.0007	0.0013	1.08E+07	0.332	2173.180	6200	0	20484	0.0028	-0.0048	-0.0068	7.81E+06	0.243
1936.900	2201	0	26470	0.0027	-0.0006	0.0015	8.87E+06	0.375	2257.270	4200	0	28572	0.0027	-0.0007	0.0013	1.08E+07	0.332	2174.180	6200	0	20411	0.0028	-0.0048	-0.0068	7.71E+06	0.244
1937.900	2200	0	26470	0.0028	-0.0006	0.0015	8.77E+06	0.375	2258.270	4199	0	28681	0.0027	-0.0007	0.0013	1.08E+07	0.331	2175.180	6199	0	20484	0.0028	-0.0048	-0.0068	7.66E+06	0.245
1938.900	2200	0	26507	0.0027	-0.0006	0.0015	8.77E+06	0.376	2259.270	4199	0	28681	0.0027	-0.0007	0.0013	1.08E+07	0.332	2176.180	6199	0	20521	0.0028	-0.0048	-0.0068	7.66E+06	0.246
1939.900	2200	0	26580	0.0028	-0.0006	0.0015	8.76E+06	0.379	2260.270	4199	0	28755	0.0027	-0.0007	0.0013	1.08E+07	0.333	2177.180	6200	0	20594	0.0028	-0.0048	-0.0068	7.64E+06	0.246
1940.900	2201	0	26580	0.0028	-0.0006	0.0015	8.71E+06	0.379	2261.270	4200	0	28828	0.0027	-0.0007	0.0013	1.07E+07	0.331	2178.180	6198	0	20484	0.0029	-0.0048	-0.0067	7.63E+06	0.245
1941.900	2201	0	26616	0.0028	-0.0006	0.0015	8.68E+06	0.379	2262.270	4199	0	28791	0.0028	-0.0007	0.0014	1.09E+07	0.332	2179.180	6200	0	20630	0.0028	-0.0048	-0.0068	7.66E+06	0.248
1942.900	2201	0	26726	0.0028	-0.0006	0.0015	8.55E+06	0.377	2263.270	4201	0	28901	0.0028	-0.0007	0.0014	1.10E+07	0.334	2180.180	6199	0	20630	0.0029	-0.0048	-0.0067	7.58E+06	0.246
1943.900	2201	0	26653	0.0028	-0.0006	0.0015	8.47E+06	0.375	2264.270	4202	0	28901	0.0028	-0.0007	0.0013	1.10E+07	0.335	2181.180	6200	0	20740	0.0029	-0.0048	-0.0067	7.57E+06	0.245
1944.900	2200	0	26690	0.0028	-0.0006	0.0015	8.44E+06	0.373	2265.270	4198	0	28974	0.0028	-0.0007	0.0014	1.11E+07	0.337	2182.180	6199	0	20777	0.0029	-0.0048	-0.0067	7.52E+06	0.243
1945.900	2201	0	26763	0.0028	-0.0006	0.0015	8.45E+06	0.375	2266.270	4199	0	29047	0.0028	-0.0007	0.0014	1.12E+07	0.337	2183.180	6199	0	21216	0.0029	-0.0048	-0.0067	7.44E+06	0.241
1946.900	2201	0	26763	0.0028	-0.0006	0.0015	8.52E+06	0.380	2267.270	4199	0	29011	0.0028	-0.0007	0.0014	1.11E+07	0.339	2184.180	6199	0	21509	0.0030	-0.0048	-0.0067	7.44E+06	0.240
1947.900	2200	0	26836	0.0028	-0.0006	0.0015	8.44E+06	0.379	2268.270	4199	0	29084	0.0028	-0.0007	0.0014	1.12E+07	0.342	2185.180	6199	0	21582	0.0029	-0.0048	-0.0067	7.40E+06	0.238
1948.900	2201	0	26836	0.0028	-0.0006	0.0015	8.44E+06	0.379	2269.270	4202	0	29121	0.0028	-0.0007	0.0014	1.13E+07	0.345	2186.180	6200	0	21582	0.0030	-0.0048	-0.0067	7.30E+06	0.235
1949.900	2200	0	26873	0.0028	-0.0006																					

1985.890	2200	0	28044	0.0029	-0.0007	0.0015	1.04E+07	0.450	2306.260	4200	0	30585	0.0029	-0.0008	0.0014	1.03E+07	0.353	2223.160	6200	0	22205	0.0031	-0.0048	-0.0066	6.33E+06	0.229
1986.890	2202	0	28154	0.0029	-0.0007	0.0015	1.04E+07	0.449	2307.260	4199	0	30622	0.0029	-0.0008	0.0014	1.02E+07	0.347	2224.160	6200	0	22205	0.0031	-0.0048	-0.0066	6.36E+06	0.239
1987.890	2201	0	28154	0.0029	-0.0007	0.0015	1.04E+07	0.448	2308.260	4198	0	30658	0.0029	-0.0008	0.0014	1.04E+07	0.346	2225.160	6199	0	22278	0.0031	-0.0048	-0.0066	6.27E+06	0.249
1988.890	2201	0	28227	0.0029	-0.0007	0.0015	1.03E+07	0.446	2309.260	4199	0	30658	0.0029	-0.0008	0.0014	1.03E+07	0.345	2226.160	6199	0	22315	0.0031	-0.0049	-0.0066	6.22E+06	0.256
1989.890	2200	0	28227	0.0030	-0.0007	0.0015	1.04E+07	0.448	2310.250	4200	0	30622	0.0029	-0.0008	0.0014	1.02E+07	0.344	2227.160	6199	0	22241	0.0031	-0.0048	-0.0066	6.21E+06	0.262
1990.890	2201	0	28264	0.0029	-0.0007	0.0015	1.04E+07	0.447	2311.250	4200	0	30732	0.0029	-0.0008	0.0014	1.03E+07	0.345	2228.160	6200	0	22351	0.0031	-0.0049	-0.0066	6.24E+06	0.270
1991.890	2200	0	28301	0.0030	-0.0007	0.0015	1.04E+07	0.447	2312.250	4200	0	30805	0.0029	-0.0008	0.0014	1.02E+07	0.345	2229.160	6200	0	22461	0.0031	-0.0049	-0.0066	6.28E+06	0.276
1992.890	2200	0	28776	0.0030	-0.0007	0.0015	1.04E+07	0.446	2313.250	4199	0	30805	0.0029	-0.0008	0.0014	1.00E+07	0.345	2230.160	6200	0	22388	0.0031	-0.0049	-0.0066	6.33E+06	0.283
1993.890	2201	0	29289	0.0030	-0.0007	0.0016	1.04E+07	0.444	2314.250	4201	0	30841	0.0029	-0.0008	0.0014	9.96E+06	0.345	2231.160	6200	0	22388	0.0031	-0.0049	-0.0066	6.31E+06	0.288
1994.890	2201	0	29509	0.0031	-0.0008	0.0016	1.04E+07	0.443	2315.250	4199	0	30878	0.0029	-0.0008	0.0014	9.87E+06	0.346	2232.160	6199	0	22388	0.0031	-0.0049	-0.0066	6.37E+06	0.290
1995.890	2200	0	29545	0.0031	-0.0008	0.0015	1.04E+07	0.440	2316.250	4200	0	30878	0.0029	-0.0008	0.0014	9.77E+06	0.345	2233.160	6201	0	22498	0.0031	-0.0049	-0.0066	6.34E+06	0.295
1996.890	2201	0	29509	0.0031	-0.0008	0.0015	1.04E+07	0.438	2317.250	4201	0	30951	0.0029	-0.0008	0.0014	9.61E+06	0.342	2234.160	6199	0	22498	0.0031	-0.0049	-0.0066	6.38E+06	0.298
1997.890	2201	0	29472	0.0031	-0.0008	0.0015	1.05E+07	0.443	2318.250	4200	0	30988	0.0029	-0.0008	0.0014	9.44E+06	0.340	2235.160	6199	0	22461	0.0031	-0.0049	-0.0066	6.54E+06	0.303
1998.880	2200	0	29509	0.0031	-0.0008	0.0015	1.05E+07	0.441	2319.250	4199	0	31024	0.0030	-0.0008	0.0014	9.40E+06	0.343	2236.160	6200	0	22534	0.0031	-0.0049	-0.0066	6.58E+06	0.307
1999.880	2201	0	29472	0.0031	-0.0008	0.0015	1.05E+07	0.438	2320.250	4200	0	31024	0.0030	-0.0008	0.0014	9.31E+06	0.344	2237.160	6199	0	22534	0.0031	-0.0049	-0.0066	6.47E+06	0.304
									2321.250	4200	0	31061	0.0030	-0.0008	0.0014	9.21E+06	0.344	2238.160	6199	0	22534	0.0032	-0.0049	-0.0066	6.52E+06	0.309
									2322.250	4201	0	31134	0.0030	-0.0008	0.0014	9.11E+06	0.343	2239.160	6200	0	22571	0.0031	-0.0049	-0.0066	6.59E+06	0.313
									2323.250	4201	0	31171	0.0030	-0.0008	0.0014	9.01E+06	0.343	2240.160	6200	0	22571	0.0031	-0.0049	-0.0066	6.62E+06	0.317
									2324.250	4199	0	31207	0.0030	-0.0008	0.0014	8.98E+06	0.343	2241.160	6199	0	22571	0.0031	-0.0049	-0.0066	6.66E+06	0.320
									2325.250	4199	0	31207	0.0030	-0.0008	0.0014	8.95E+06	0.343	2242.160	6201	0	22608	0.0031	-0.0049	-0.0066	6.78E+06	0.323
									2326.250	4201	0	31281	0.0030	-0.0008	0.0014	8.88E+06	0.344	2243.160	6199	0	22608	0.0031	-0.0049	-0.0066	6.75E+06	0.321
									2327.250	4200	0	31281	0.0030	-0.0008	0.0014	8.90E+06	0.347	2244.160	6199	0	22681	0.0032	-0.0049	-0.0066	6.79E+06	0.318
									2328.250	4199	0	31317	0.0030	-0.0008	0.0014	8.86E+06	0.348	2245.160	6199	0	22717	0.0032	-0.0049	-0.0066	6.87E+06	0.321
									2329.250	4199	0	31354	0.0030	-0.0008	0.0014	8.82E+06	0.348	2246.160	6199	0	22754	0.0032	-0.0049	-0.0066	6.85E+06	0.322
									2330.250	4201	0	31757	0.0030	-0.0008	0.0014	8.79E+06	0.348	2247.160	6200	0	22754	0.0032	-0.0049	-0.0066	6.94E+06	0.322
									2331.250	4200	0	32086	0.0031	-0.0008	0.0014	8.83E+06	0.349	2248.160	6199	0	22791	0.0032	-0.0049	-0.0066	6.96E+06	0.320
									2332.250	4201	0	32379	0.0031	-0.0008	0.0015	8.83E+06	0.350	2249.160	6201	0	22827	0.0032	-0.0049	-0.0066	6.80E+06	0.313
									2333.250	4199	0	32672	0.0031	-0.0008	0.0015	8.83E+06	0.351	2250.150	6199	0	22864	0.0032	-0.0049	-0.0066	6.85E+06	0.316
									2334.250	4200	0	32562	0.0031	-0.0008	0.0015	8.82E+06	0.351	2251.150	6199	0	22864	0.0032	-0.0049	-0.0066	6.98E+06	0.318
									2335.250	4200	0	32562	0.0031	-0.0008	0.0015	8.90E+06	0.354	2252.150	6200	0	22864	0.0032	-0.0049	-0.0066	6.99E+06	0.314
									2336.250	4200	0	32562	0.0031	-0.0008	0.0014	8.92E+06	0.356	2253.150	6200	0	22937	0.0032	-0.0049	-0.0066	7.04E+06	0.314
									2337.250	4200	0	32489	0.0031	-0.0008	0.0015	8.85E+06	0.355	2254.150	6199	0	22900	0.0032	-0.0049	-0.0066	7.17E+06	0.316
									2338.250	4201	0	32416	0.0031	-0.0008	0.0015	8.80E+06	0.354	2255.150	6200	0	23010	0.0032	-0.0049	-0.0066	7.22E+06	0.313
									2339.250	4201	0	32306	0.0031	-0.0008	0.0014	8.75E+06	0.353	2256.150	6199	0	22937	0.0032	-0.0049	-0.0066	7.28E+06	0.310
									2340.250	4202	0	32342	0.0031	-0.0008	0.0015	8.75E+06	0.353	2257.150	6199	0	23047	0.0032	-0.0049	-0.0066	7.33E+06	0.309
									2341.240	4200	0	32306	0.0031	-0.0008	0.0015	8.80E+06	0.356	2258.150	6199	0	22974	0.0032	-0.0049	-0.0066	7.25E+06	0.304
									2342.240	4199	0	32269	0.0031	-0.0008	0.0015	8.82E+06	0.359	2259.150	6200	0	23120	0.0032	-0.0049	-0.0066	7.24E+06	0.300
									2343.240	4199	0	32233	0.0031	-0.0008	0.0015	8.89E+06	0.364	2260.150	6199	0	23120	0.0032	-0.0049	-0.0066	7.37E+06	0.303
									2344.240	4200	0	32196	0.0031	-0.0008	0.0014	8.92E+06	0.366	2261.150	6199	0	23083	0.0032	-0.0049	-0.0066	7.19E+06	0.301
									2345.240	4201	0	32196	0.0031	-0.0008	0.0015	8.86E+06	0.365	2262.150	6200	0	23157	0.0032	-0.0049	-0.0065	7.23E+06	0.301
									2346.240	4200	0	32233	0.0031	-0.0008	0.0015	8.84E+06	0.368	2263.150	6199	0	23120	0.0032	-0.0049	-0.0066	7.28E+06	0.303
									2347.240	4199	0	32233	0.0031	-0.0008	0.0015	8.90E+06	0.374	2264.150	6200	0	23157	0.0032	-0.0049	-0.0066	7.25E+06	0.301
									2348.240	4199	0	32233	0.0031	-0.0008	0.0015	8.88E+06	0.373	2265.150	6199	0	23193	0.0032	-0.0049	-0.0066	7.29E+06	0.303
									2349.240	4199	0	32342	0.0031	-0.0008	0.0015	8.90E+06	0.375	2266.150	6199	0	23230	0.0032	-0.0049	-0.0066	7.28E+06	0.304
									2350.240	4199	0	32342	0.0031	-0.0008	0.0015	8.89E+06	0.377	2267.150	6200	0	23266	0.0032	-0.0049	-0.0066	7.20E+06	0.302
									2351.240	4199	0	32269	0.0031	-0.0008	0.0015	8.89E+06	0.381	2268.150	6201	0	23266	0.0033	-0.0049	-0.0065	7.23E+06	0.302
									2352.240	4200	0	32416	0.0031	-0.0008	0.0014	8.83E+06	0.380	2269.150	6200	0	23303	0.0032	-0.0049	-0.0066	7.22E+06	0.304
									2353.240	4201	0	32416	0.0031	-0.0008	0.0014	8.80E+06	0.386	2270.150	6199	0	23376	0.0032	-0.0049	-0.0066	7.22E+06	0.306
									2354.240	4200	0	32452	0.0031	-0.0008	0.0014	8.72E+06	0.385	2271.150	6200	0	23376	0.0032	-0.0049	-0.0066	7.21E+06	0.306
									2355.240	4200	0	32452	0.0031	-0.0008	0.0015	8.71E+06	0.388	2272.150	6199	0	23376	0.0032	-0.0049	-0.0066	7.25E+06	0.307
									2356.240	4199	0	32599	0.0031													

2385.230	4199	0	33551	0.0032	-0.0009	0.0015	9.45E+06	0.394	2302.140	6200	0	24182	0.0034	-0.0049	-0.0065	5.78E+06	0.457
2386.230	4199	0	33587	0.0032	-0.0009	0.0015	9.62E+06	0.402	2303.140	6199	0	24182	0.0034	-0.0049	-0.0065	5.66E+06	0.456
2387.230	4201	0	33551	0.0032	-0.0009	0.0015	9.70E+06	0.408	2304.140	6199	0	24255	0.0034	-0.0050	-0.0065	5.49E+06	0.456
2388.230	4202	0	33734	0.0032	-0.0009	0.0015	9.61E+06	0.407	2305.140	6199	0	24292	0.0034	-0.0050	-0.0065	5.53E+06	0.466
2389.230	4202	0	33697	0.0032	-0.0009	0.0015	9.44E+06	0.406	2306.140	6200	0	24292	0.0034	-0.0050	-0.0065	5.42E+06	0.464
2390.230	4200	0	33661	0.0032	-0.0009	0.0015	9.38E+06	0.405	2307.140	6200	0	24292	0.0034	-0.0050	-0.0065	5.36E+06	0.467
2391.230	4198	0	33770	0.0032	-0.0009	0.0015	9.28E+06	0.404	2308.140	6200	0	24328	0.0034	-0.0050	-0.0065	5.36E+06	0.476
2392.230	4201	0	33770	0.0032	-0.0009	0.0015	9.10E+06	0.400	2309.140	6201	0	24365	0.0034	-0.0050	-0.0065	5.26E+06	0.475
2393.230	4200	0	33807	0.0033	-0.0009	0.0015	9.05E+06	0.403	2310.140	6199	0	24328	0.0034	-0.0050	-0.0065	5.17E+06	0.471
2394.230	4201	0	33807	0.0032	-0.0009	0.0015	8.91E+06	0.404	2311.140	6199	0	24402	0.0034	-0.0050	-0.0065	5.16E+06	0.477
2395.230	4201	0	33917	0.0032	-0.0009	0.0015	8.79E+06	0.403	2312.140	6200	0	24475	0.0034	-0.0050	-0.0065	5.10E+06	0.477
2396.230	4202	0	33917	0.0033	-0.0009	0.0015	8.70E+06	0.401	2313.130	6200	0	24511	0.0034	-0.0050	-0.0065	5.09E+06	0.479
2397.230	4200	0	33917	0.0033	-0.0009	0.0015	8.63E+06	0.401	2314.130	6199	0	24511	0.0034	-0.0050	-0.0065	5.09E+06	0.482
2398.230	4201	0	33953	0.0032	-0.0009	0.0015	8.63E+06	0.403	2315.130	6199	0	24511	0.0034	-0.0050	-0.0065	5.04E+06	0.478
2399.230	4198	0	33990	0.0033	-0.0009	0.0015	8.62E+06	0.402	2316.130	6201	0	24511	0.0034	-0.0050	-0.0065	4.97E+06	0.476
2400.230	4201	0	34063	0.0033	-0.0009	0.0015	8.55E+06	0.402	2317.130	6200	0	24511	0.0034	-0.0050	-0.0065	4.96E+06	0.474
2401.230	4200	0	34063	0.0033	-0.0009	0.0015	8.43E+06	0.400	2318.130	6200	0	24548	0.0034	-0.0050	-0.0065	4.96E+06	0.474
2402.230	4200	0	34100	0.0033	-0.0009	0.0015	8.36E+06	0.399	2319.130	6199	0	24621	0.0034	-0.0050	-0.0065	5.01E+06	0.474
2403.230	4200	0	34100	0.0033	-0.0009	0.0015	8.26E+06	0.400	2320.130	6198	0	24621	0.0034	-0.0050	-0.0065	5.01E+06	0.474
2404.220	4199	0	34136	0.0033	-0.0009	0.0015	8.19E+06	0.400	2321.130	6199	0	24658	0.0034	-0.0050	-0.0065	5.04E+06	0.472
2405.220	4200	0	34136	0.0033	-0.0009	0.0015	8.09E+06	0.398	2322.130	6199	0	24621	0.0035	-0.0050	-0.0065	4.95E+06	0.465
2406.220	4200	0	34283	0.0033	-0.0009	0.0015	7.90E+06	0.393	2323.130	6199	0	24621	0.0035	-0.0050	-0.0065	4.99E+06	0.464
2407.220	4200	0	34210	0.0033	-0.0009	0.0015	7.85E+06	0.395	2324.130	6200	0	24731	0.0035	-0.0050	-0.0065	5.01E+06	0.460
2408.220	4200	0	34246	0.0033	-0.0009	0.0015	7.83E+06	0.394	2325.130	6201	0	24731	0.0035	-0.0050	-0.0065	5.03E+06	0.459
2409.220	4201	0	34356	0.0033	-0.0009	0.0015	7.82E+06	0.395	2326.130	6200	0	24768	0.0035	-0.0050	-0.0065	5.01E+06	0.456
2410.220	4200	0	34393	0.0033	-0.0009	0.0015	7.76E+06	0.395	2327.130	6199	0	24768	0.0035	-0.0050	-0.0065	5.01E+06	0.450
2411.220	4199	0	34429	0.0033	-0.0009	0.0015	7.71E+06	0.394	2328.130	6200	0	24804	0.0035	-0.0050	-0.0065	5.05E+06	0.447
2412.220	4200	0	34429	0.0033	-0.0009	0.0015	7.66E+06	0.393	2329.130	6202	0	24731	0.0035	-0.0050	-0.0065	5.10E+06	0.449
2413.220	4199	0	34466	0.0033	-0.0009	0.0015	7.64E+06	0.394	2330.130	6200	0	24841	0.0035	-0.0050	-0.0065	5.13E+06	0.445
2414.220	4200	0	34429	0.0033	-0.0009	0.0015	7.69E+06	0.395	2331.130	6199	0	24877	0.0035	-0.0050	-0.0065	5.17E+06	0.439
2415.220	4200	0	34539	0.0033	-0.0009	0.0015	7.74E+06	0.396	2332.130	6201	0	24804	0.0035	-0.0050	-0.0065	5.26E+06	0.439
2416.220	4200	0	34466	0.0033	-0.0009	0.0015	7.64E+06	0.395	2333.130	6199	0	24841	0.0035	-0.0050	-0.0065	5.26E+06	0.434
2417.220	4199	0	34503	0.0033	-0.0009	0.0015	7.63E+06	0.393	2334.130	6200	0	24877	0.0035	-0.0050	-0.0065	5.23E+06	0.425
2418.220	4200	0	34539	0.0033	-0.0009	0.0015	7.66E+06	0.397	2335.130	6199	0	24914	0.0035	-0.0050	-0.0065	5.28E+06	0.424
2419.220	4200	0	34576	0.0034	-0.0009	0.0015	7.63E+06	0.396	2336.130	6200	0	24877	0.0035	-0.0050	-0.0065	5.27E+06	0.420
2420.220	4200	0	34576	0.0033	-0.0009	0.0015	7.68E+06	0.401	2337.130	6199	0	24951	0.0035	-0.0050	-0.0065	5.25E+06	0.414
2421.220	4200	0	34649	0.0033	-0.0009	0.0015	7.79E+06	0.406	2338.130	6199	0	25024	0.0035	-0.0050	-0.0065	5.35E+06	0.414
2422.220	4200	0	34686	0.0034	-0.0009	0.0015	7.82E+06	0.408	2339.130	6199	0	24987	0.0035	-0.0050	-0.0065	5.40E+06	0.412
2423.220	4201	0	34722	0.0034	-0.0009	0.0015	7.70E+06	0.404	2340.130	6201	0	25024	0.0035	-0.0050	-0.0065	5.42E+06	0.407
2424.220	4201	0	34795	0.0034	-0.0009	0.0015	7.73E+06	0.408	2341.130	6199	0	25024	0.0035	-0.0050	-0.0065	5.57E+06	0.407
2425.220	4199	0	34759	0.0034	-0.0009	0.0015	7.72E+06	0.410	2342.130	6199	0	25097	0.0035	-0.0050	-0.0065	5.56E+06	0.403
2426.220	4200	0	34795	0.0034	-0.0009	0.0015	7.67E+06	0.410	2343.130	6199	0	25097	0.0035	-0.0050	-0.0065	5.54E+06	0.399
2427.220	4200	0	34832	0.0034	-0.0009	0.0015	7.64E+06	0.411	2344.120	6199	0	25134	0.0035	-0.0050	-0.0065	5.50E+06	0.394
2428.220	4200	0	34832	0.0034	-0.0009	0.0015	7.57E+06	0.411	2345.120	6199	0	25097	0.0035	-0.0050	-0.0065	5.50E+06	0.388
2429.220	4202	0	34905	0.0034	-0.0009	0.0015	7.57E+06	0.413	2346.120	6200	0	25207	0.0036	-0.0050	-0.0065	5.47E+06	0.383
2430.220	4201	0	34942	0.0034	-0.0009	0.0015	7.63E+06	0.417	2347.120	6199	0	25097	0.0036	-0.0050	-0.0065	5.57E+06	0.384
2431.220	4200	0	34979	0.0034	-0.0009	0.0015	7.63E+06	0.418	2348.120	6201	0	25170	0.0035	-0.0050	-0.0065	5.52E+06	0.382
2432.220	4199	0	34979	0.0034	-0.0009	0.0015	7.72E+06	0.420	2349.120	6201	0	25207	0.0036	-0.0050	-0.0065	5.48E+06	0.381
2433.220	4198	0	34979	0.0034	-0.0009	0.0015	7.68E+06	0.422	2350.120	6199	0	25207	0.0035	-0.0050	-0.0065	5.55E+06	0.383
2434.220	4199	0	35052	0.0034	-0.0009	0.0015	7.64E+06	0.424	2351.120	6199	0	25243	0.0036	-0.0050	-0.0065	5.49E+06	0.380
2435.210	4201	0	35052	0.0034	-0.0009	0.0015	7.73E+06	0.429	2352.120	6199	0	25243	0.0036	-0.0050	-0.0065	5.42E+06	0.381
2436.210	4200	0	35052	0.0034	-0.0009	0.0015	7.80E+06	0.433	2353.120	6202	0	25353	0.0036	-0.0050	-0.0065	5.49E+06	0.388
2437.210	4199	0	35088	0.0034	-0.0010	0.0015	7.75E+06	0.433	2354.120	6199	0	25353	0.0036	-0.0050	-0.0065	5.47E+06	0.391
2438.210	4199	0	35198	0.0034	-0.0010	0.0015	7.82E+06	0.438	2355.120	6199	0	25390	0.0036	-0.0050	-0.0065	5.42E+06	0.390
2439.210	4199	0	35125	0.0034	-0.0010	0.0015	7.79E+06	0.438	2356.120	6200	0	25427	0.0036	-0.0050	-0.0065	5.54E+06	0.398
2440.210	4199	0	35271	0.0034	-0.0010	0.0015	7.76E+06	0.440	2357.120	6200	0	25463	0.0036	-0.0050	-0.0065	5.47E+06	0.398
2441.210	4199	0	35198	0.0034	-0.0010	0.0015	7.80E+06	0.440	2358.120	6199	0	25427	0.0036	-0.0050	-0.0065	5.42E+06	0.403
2442.210	4200	0	35345	0.0034	-0.0010	0.0015	7.77E+06	0.442	2359.120	6200	0	25463	0.0036	-0.0050	-0.0065	5.47E+06	0.414
2443.210	4201	0	35308	0.0034	-0.0010	0.0015	7.70E+06	0.442	2360.120	6199	0	25463	0.0036	-0.0050	-0.0065	5.45E+06	0.419
2444.210	4201	0	35345	0.0034	-0.0010	0.0015	7.64E+06	0.442	2361.120	6200	0	25500	0.0036	-0.0050	-0.0065	5.45E+06	0.423
2445.210	4200	0	35454	0.0034	-0.0010	0.0015	7.55E+06	0.440	2362.120	6199	0	25536	0.0036	-0.0050	-0.0065	5.49E+06	0.433
2446.210	4198	0	35454	0.0034	-0.0010	0.0015	7.50E+06	0.441	2363.120	6199	0	25536	0.0036	-0.0051	-0.0065	5.46E+06	0.443
2447.210	4200	0	35491	0.0034	-0.0010	0.0015	7.48E+06	0.442	2364.120	6200	0	25500	0.0036	-0.0051	-0.0065	5.49E+06	0.451
2448.210	4200	0	35454	0.0035	-0.0010	0.0015	7.42E+06	0.441	2365.120	6201	0	25536	0.0036	-0.0051	-0.0065	5.54E+06	0.461
2449.210	4201	0	35564	0.0035	-0.0010	0.001											

2464.210	4201	0	35967	0.0035	-0.0010	0.0015	7.00E+06	0.455	2381.110	6199	0	25976	0.0037	-0.0051	-0.0065	4.95E+06	0.538
2465.210	4200	0	36004	0.0035	-0.0010	0.0015	6.93E+06	0.456	2382.110	6200	0	25939	0.0037	-0.0051	-0.0065	4.79E+06	0.529
2466.200	4200	0	36077	0.0035	-0.0010	0.0015	6.97E+06	0.460	2383.110	6201	0	25976	0.0037	-0.0051	-0.0065	4.75E+06	0.531
2467.200	4201	0	36077	0.0035	-0.0010	0.0015	6.84E+06	0.454	2384.110	6200	0	25976	0.0037	-0.0051	-0.0065	4.70E+06	0.533
2468.200	4201	0	36077	0.0035	-0.0010	0.0015	6.83E+06	0.453	2385.110	6199	0	26049	0.0037	-0.0051	-0.0065	4.66E+06	0.529
2469.200	4201	0	36077	0.0035	-0.0010	0.0015	6.81E+06	0.456	2386.110	6200	0	26086	0.0037	-0.0051	-0.0065	4.63E+06	0.532
2470.200	4201	0	36113	0.0035	-0.0010	0.0015	6.78E+06	0.457	2387.110	6199	0	26122	0.0037	-0.0051	-0.0065	4.55E+06	0.531
2471.200	4200	0	36150	0.0035	-0.0010	0.0015	6.83E+06	0.462	2388.110	6199	0	26086	0.0037	-0.0051	-0.0065	4.49E+06	0.529
2472.200	4199	0	36223	0.0036	-0.0010	0.0015	6.91E+06	0.468	2389.110	6199	0	26159	0.0037	-0.0051	-0.0065	4.50E+06	0.535
2473.200	4200	0	36223	0.0036	-0.0010	0.0015	6.95E+06	0.473	2390.110	6201	0	26159	0.0037	-0.0051	-0.0065	4.44E+06	0.538
2474.200	4200	0	36223	0.0036	-0.0010	0.0015	6.87E+06	0.471	2391.110	6201	0	26195	0.0037	-0.0051	-0.0065	4.35E+06	0.535
2475.200	4199	0	36296	0.0036	-0.0010	0.0015	6.85E+06	0.470	2392.110	6200	0	26159	0.0037	-0.0051	-0.0065	4.43E+06	0.543
2476.200	4198	0	36333	0.0036	-0.0010	0.0015	6.82E+06	0.472	2393.110	6199	0	26232	0.0037	-0.0051	-0.0065	4.35E+06	0.541
2477.200	4200	0	36333	0.0036	-0.0010	0.0015	6.80E+06	0.473	2394.110	6199	0	26269	0.0037	-0.0051	-0.0065	4.28E+06	0.541
2478.200	4200	0	36370	0.0036	-0.0010	0.0015	6.81E+06	0.477	2395.110	6199	0	26232	0.0038	-0.0051	-0.0065	4.22E+06	0.538
2479.200	4199	0	36443	0.0036	-0.0010	0.0015	6.72E+06	0.477	2396.110	6199	0	26269	0.0037	-0.0051	-0.0065	4.12E+06	0.537
2480.200	4200	0	36406	0.0036	-0.0010	0.0015	6.72E+06	0.480	2397.110	6200	0	26342	0.0037	-0.0051	-0.0065	4.06E+06	0.538
2481.200	4200	0	36553	0.0036	-0.0010	0.0015	6.74E+06	0.483	2398.110	6199	0	26305	0.0037	-0.0051	-0.0065	4.00E+06	0.541
2482.200	4199	0	36443	0.0036	-0.0010	0.0015	6.70E+06	0.483	2399.110	6200	0	26342	0.0037	-0.0051	-0.0065	3.88E+06	0.539
2483.200	4199	0	36516	0.0036	-0.0010	0.0015	6.76E+06	0.485	2400.110	6200	0	26342	0.0038	-0.0051	-0.0065	3.78E+06	0.535
2484.200	4199	0	36480	0.0036	-0.0010	0.0015	6.77E+06	0.487	2401.110	6199	0	26378	0.0038	-0.0051	-0.0065	3.72E+06	0.537
2485.200	4200	0	36553	0.0036	-0.0010	0.0015	6.82E+06	0.493	2402.110	6200	0	26305	0.0038	-0.0051	-0.0065	3.65E+06	0.536
2486.200	4201	0	36553	0.0036	-0.0010	0.0015	6.87E+06	0.501	2403.110	6199	0	26378	0.0038	-0.0051	-0.0065	3.53E+06	0.534
2487.200	4202	0	36516	0.0036	-0.0010	0.0015	6.88E+06	0.505	2404.110	6200	0	26452	0.0038	-0.0051	-0.0065	3.41E+06	0.542
2488.200	4200	0	36553	0.0036	-0.0010	0.0015	6.80E+06	0.506	2405.110	6201	0	26415	0.0038	-0.0051	-0.0065	3.19E+06	0.543
2489.200	4200	0	36626	0.0036	-0.0010	0.0015	6.78E+06	0.509	2406.100	6200	0	26378	0.0038	-0.0052	-0.0065	3.03E+06	0.542
2490.200	4199	0	36626	0.0036	-0.0010	0.0015	6.68E+06	0.507	2407.100	6199	0	26415	0.0038	-0.0052	-0.0065	2.87E+06	0.546
2491.200	4200	0	36663	0.0036	-0.0010	0.0015	6.68E+06	0.514	2408.100	6199	0	26378	0.0038	-0.0052	-0.0065	2.64E+06	0.547
2492.200	4199	0	36736	0.0036	-0.0011	0.0015	6.71E+06	0.517	2409.100	6200	0	26415	0.0038	-0.0052	-0.0065	2.43E+06	0.551
2493.200	4200	0	36736	0.0036	-0.0011	0.0015	6.76E+06	0.523	2410.100	6199	0	26488	0.0038	-0.0052	-0.0065	2.24E+06	0.556
2494.200	4200	0	36736	0.0036	-0.0011	0.0015	6.73E+06	0.528	2411.100	6199	0	26452	0.0038	-0.0052	-0.0065	2.09E+06	0.559
2495.200	4199	0	36772	0.0036	-0.0011	0.0015	6.65E+06	0.531	2412.100	6199	0	26488	0.0038	-0.0052	-0.0065	1.91E+06	0.567
2496.200	4202	0	36809	0.0036	-0.0011	0.0015	6.54E+06	0.528	2413.100	6200	0	26488	0.0038	-0.0052	-0.0065	1.75E+06	0.576
2497.190	4200	0	36846	0.0036	-0.0011	0.0015	6.44E+06	0.529	2414.100	6199	0	26525	0.0038	-0.0052	-0.0065	1.57E+06	0.583
2498.190	4200	0	36846	0.0037	-0.0011	0.0015	6.42E+06	0.531	2415.100	6199	0	26525	0.0038	-0.0052	-0.0065	1.42E+06	0.588
2499.190	4199	0	36882	0.0037	-0.0011	0.0015	6.34E+06	0.528	2416.100	6201	0	26561	0.0038	-0.0052	-0.0065	1.30E+06	0.599
2500.190	4200	0	36919	0.0037	-0.0011	0.0015	6.27E+06	0.532	2417.100	6199	0	26635	0.0038	-0.0052	-0.0065	1.16E+06	0.607
2501.190	4200	0	36956	0.0037	-0.0011	0.0015	6.29E+06	0.536	2418.100	6199	0	26598	0.0038	-0.0052	-0.0065	9.82E+05	0.612
2502.190	4200	0	37029	0.0037	-0.0011	0.0015	6.29E+06	0.541	2419.100	6200	0	26598	0.0039	-0.0052	-0.0065	8.63E+05	0.623
2503.190	4200	0	37029	0.0037	-0.0011	0.0015	6.19E+06	0.543	2420.100	6200	0	26671	0.0038	-0.0052	-0.0065	7.61E+05	0.635
2504.190	4201	0	36992	0.0037	-0.0011	0.0015	6.15E+06	0.544	2421.100	6199	0	26635	0.0039	-0.0052	-0.0065	6.61E+05	0.639
2505.190	4200	0	37065	0.0037	-0.0011	0.0015	6.11E+06	0.545	2422.100	6200	0	26671	0.0038	-0.0052	-0.0065	5.49E+05	0.648
2506.190	4200	0	37065	0.0037	-0.0011	0.0015	5.98E+06	0.544	2423.100	6199	0	26635	0.0039	-0.0052	-0.0065	4.38E+05	0.657
2507.190	4200	0	37102	0.0037	-0.0011	0.0015	6.01E+06	0.545	2424.100	6200	0	26671	0.0039	-0.0052	-0.0065	3.49E+05	0.662
2508.190	4200	0	37212	0.0037	-0.0011	0.0015	5.91E+06	0.546	2425.100	6199	0	26708	0.0039	-0.0052	-0.0065	2.75E+05	0.671
2509.190	4201	0	37175	0.0037	-0.0011	0.0015	5.92E+06	0.551	2426.100	6200	0	26671	0.0039	-0.0052	-0.0065	1.76E+05	0.680
2510.190	4199	0	37212	0.0037	-0.0011	0.0015	5.83E+06	0.550	2427.100	6199	0	26708	0.0039	-0.0052	-0.0065	9.37E+04	0.681
2511.190	4200	0	37212	0.0037	-0.0011	0.0015	5.78E+06	0.555	2428.100	6199	0	26671	0.0039	-0.0052	-0.0065	2.61E+03	0.685
2512.190	4201	0	37248	0.0037	-0.0011	0.0015	5.66E+06	0.553	2429.100	6199	0	26635	0.0039	-0.0052	-0.0066	-8.29E+04	0.694
2513.190	4199	0	37248	0.0037	-0.0011	0.0015	5.62E+06	0.558	2430.100	6200	0	26598	0.0039	-0.0052	-0.0065	-1.53E+05	0.695
2514.190	4201	0	37285	0.0037	-0.0011	0.0015	5.57E+06	0.563	2431.100	6199	0	26635	0.0039	-0.0052	-0.0065	-2.17E+05	0.699
2515.190	4201	0	37285	0.0037	-0.0011	0.0015	5.53E+06	0.568	2432.100	6200	0	26561	0.0039	-0.0052	-0.0065	-3.11E+05	0.700
2516.190	4199	0	37322	0.0037	-0.0011	0.0015	5.52E+06	0.577	2433.100	6200	0	26525	0.0039	-0.0052	-0.0065	-3.68E+05	0.698
2517.190	4200	0	37395	0.0037	-0.0011	0.0015	5.48E+06	0.583	2434.100	6200	0	26488	0.0039	-0.0052	-0.0066	-4.56E+05	0.701
2518.190	4199	0	37431	0.0037	-0.0011	0.0015	5.34E+06	0.578	2435.100	6199	0	26561	0.0039	-0.0053	-0.0066	-5.17E+05	0.707
2519.190	4201	0	37395	0.0037	-0.0011	0.0015	5.28E+06	0.582	2436.100	6199	0	26598	0.0040	-0.0053	-0.0066	-5.66E+05	0.713
2520.190	4201	0	37395	0.0037	-0.0011	0.0015	5.28E+06	0.588	2437.090	6199	0	26488	0.0040	-0.0053	-0.0066	-6.62E+05	0.722
2521.190	4200	0	37431	0.0038	-0.0011	0.0015	5.26E+06	0.593	2438.090	6199	0	26488	0.0040	-0.0053	-0.0066	-6.78E+05	0.725
2522.190	4200	0	37431	0.0038	-0.0011	0.0015	5.18E+06	0.597	2439.090	6199	0	26488	0.0040	-0.0053	-0.0066	-7.18E+05	0.730
2523.190	4200	0	37505	0.0038	-0.0011	0.0015	5.15E+06	0.604	2440.090	6201	0	26488	0.0040	-0.0053	-0.0066	-7.38E+05	0.738
2524.190	4201	0	37541	0.0038	-0.0011	0.0015	5.12E+06	0.609	2441.090	6200	0	26525	0.0040	-0.0053	-0.0066	-7.65E+05	0.742
2525.190	4200	0	37505	0.0038	-0.0011	0.0015	5.05E+06	0.613	2442.090	6199	0	26525	0.0040	-0.0053	-0.0066	-7.50E+05	0.740
2526.190	4201	0	37614	0.0038	-0.0011	0.0015	5.00E+06	0.615	2443.090	6201	0	26488	0.0040	-0.0053	-0.0066	-7.43E+05	0.753
2527.190	4200	0	37578	0.0038	-0.0011	0.0015	4.94E+06	0.623	2444.090	6199	0	26488	0.0040	-0.0053	-0.0066	-7.11E+05	0.755
2528.190	4200	0	37541	0.0038	-0.0011	0.001											

2543.180	4201	0	37871	0.0039	-0.0012	0.0015	4.21E+06	0.677	2460.090	6199	0	26525	0.0041	-0.0053	-0.0066	1.13E+06	0.779
2544.180	4200	0	37907	0.0038	-0.0012	0.0015	4.30E+06	0.691	2461.090	6200	0	26488	0.0041	-0.0054	-0.0066	1.25E+06	0.765
2545.180	4199	0	38017	0.0038	-0.0012	0.0015	4.27E+06	0.698	2462.090	6199	0	26415	0.0041	-0.0054	-0.0066	1.42E+06	0.762
2546.180	4200	0	38017	0.0039	-0.0012	0.0015	4.20E+06	0.706	2463.090	6202	0	26561	0.0041	-0.0054	-0.0066	1.52E+06	0.764
2547.180	4200	0	37981	0.0039	-0.0012	0.0015	4.11E+06	0.705	2464.090	6200	0	26525	0.0041	-0.0054	-0.0067	1.64E+06	0.767
2548.180	4202	0	38017	0.0039	-0.0012	0.0015	3.97E+06	0.701	2465.090	6199	0	26561	0.0041	-0.0054	-0.0066	1.75E+06	0.757
2549.180	4200	0	38054	0.0039	-0.0012	0.0015	3.97E+06	0.709	2466.090	6199	0	26525	0.0041	-0.0054	-0.0066	1.88E+06	0.747
2549.850	4200	0	38017	0.0039	-0.0012	0.0015	3.91E+06	0.703	2467.090	6199	0	26561	0.0041	-0.0054	-0.0066	2.06E+06	0.744
2550.840	4200	0	38127	0.0039	-0.0012	0.0015	3.81E+06	0.714	2468.080	6201	0	26525	0.0041	-0.0054	-0.0067	2.21E+06	0.740
2551.840	4201	0	38017	0.0039	-0.0012	0.0015	3.92E+06	0.732	2469.080	6199	0	26598	0.0041	-0.0054	-0.0067	2.32E+06	0.735
2552.840	4199	0	37431	0.0039	-0.0012	0.0015	3.86E+06	0.740	2470.080	6200	0	26561	0.0041	-0.0054	-0.0067	2.44E+06	0.740
									2471.080	6199	0	26598	0.0041	-0.0054	-0.0067	2.60E+06	0.733
									2472.080	6201	0	26635	0.0041	-0.0054	-0.0066	2.74E+06	0.723
									2473.080	6201	0	26561	0.0041	-0.0054	-0.0067	2.86E+06	0.714
									2474.080	6199	0	26635	0.0041	-0.0054	-0.0067	2.94E+06	0.706
									2475.080	6199	0	26708	0.0041	-0.0054	-0.0067	3.04E+06	0.703
									2476.080	6199	0	26635	0.0041	-0.0054	-0.0067	3.19E+06	0.702
									2477.080	6199	0	26635	0.0041	-0.0054	-0.0067	3.31E+06	0.700
									2478.080	6201	0	26745	0.0042	-0.0054	-0.0066	3.35E+06	0.691
									2479.080	6200	0	26671	0.0041	-0.0054	-0.0067	3.50E+06	0.693
									2480.080	6200	0	26671	0.0041	-0.0054	-0.0067	3.57E+06	0.694
									2481.080	6199	0	26671	0.0041	-0.0054	-0.0067	3.55E+06	0.683
									2482.080	6199	0	26745	0.0041	-0.0054	-0.0067	3.63E+06	0.683
									2483.080	6199	0	26781	0.0041	-0.0054	-0.0067	3.67E+06	0.678
									2484.080	6200	0	26781	0.0042	-0.0054	-0.0067	3.71E+06	0.672
									2485.080	6199	0	26818	0.0042	-0.0054	-0.0067	3.76E+06	0.666
									2486.080	6200	0	26781	0.0042	-0.0054	-0.0067	3.77E+06	0.665
									2487.080	6201	0	26854	0.0042	-0.0054	-0.0067	3.80E+06	0.665
									2488.080	6199	0	26818	0.0042	-0.0054	-0.0067	3.79E+06	0.670
									2489.080	6200	0	26891	0.0042	-0.0054	-0.0067	3.80E+06	0.669
									2490.080	6200	0	26854	0.0042	-0.0054	-0.0067	3.84E+06	0.672
									2491.080	6201	0	26928	0.0042	-0.0054	-0.0067	3.92E+06	0.678
									2492.080	6200	0	26964	0.0042	-0.0054	-0.0067	3.95E+06	0.679
									2493.080	6200	0	26964	0.0042	-0.0054	-0.0067	3.92E+06	0.676
									2494.080	6199	0	27001	0.0042	-0.0054	-0.0067	3.97E+06	0.685
									2495.080	6200	0	26928	0.0042	-0.0054	-0.0067	4.03E+06	0.686
									2496.080	6200	0	27037	0.0042	-0.0054	-0.0067	3.98E+06	0.680
									2497.080	6199	0	27001	0.0042	-0.0055	-0.0067	3.99E+06	0.679
									2498.080	6199	0	27037	0.0042	-0.0055	-0.0067	4.00E+06	0.680
									2499.070	6199	0	27074	0.0042	-0.0055	-0.0067	4.01E+06	0.685
									2500.070	6200	0	27037	0.0042	-0.0055	-0.0067	4.02E+06	0.690
									2501.070	6199	0	27111	0.0042	-0.0055	-0.0067	4.10E+06	0.698
									2502.070	6199	0	27147	0.0042	-0.0055	-0.0067	4.03E+06	0.693
									2503.070	6199	0	27111	0.0042	-0.0055	-0.0067	3.99E+06	0.693
									2504.070	6199	0	27147	0.0042	-0.0055	-0.0067	4.01E+06	0.691
									2505.070	6200	0	27111	0.0042	-0.0055	-0.0067	3.99E+06	0.693
									2506.070	6199	0	27111	0.0043	-0.0055	-0.0067	3.96E+06	0.698
									2507.070	6199	0	27184	0.0042	-0.0055	-0.0067	3.91E+06	0.699
									2508.070	6199	0	27257	0.0043	-0.0055	-0.0067	3.88E+06	0.698
									2509.070	6199	0	27257	0.0043	-0.0055	-0.0067	3.84E+06	0.697
									2510.070	6199	0	27330	0.0043	-0.0055	-0.0067	3.85E+06	0.704
									2511.070	6199	0	27184	0.0043	-0.0055	-0.0067	3.86E+06	0.709
									2512.070	6199	0	27294	0.0043	-0.0055	-0.0067	3.81E+06	0.708
									2513.070	6199	0	27257	0.0043	-0.0055	-0.0067	3.81E+06	0.708
									2514.070	6200	0	27257	0.0043	-0.0055	-0.0067	3.82E+06	0.714
									2515.070	6201	0	27330	0.0043	-0.0055	-0.0067	3.86E+06	0.723
									2516.070	6199	0	27367	0.0043	-0.0055	-0.0067	3.82E+06	0.725
									2517.070	6199	0	27404	0.0043	-0.0055	-0.0067	3.80E+06	0.726
									2518.070	6201	0	27367	0.0043	-0.0055	-0.0067	3.80E+06	0.726
									2519.070	6200	0	27404	0.0043	-0.0055	-0.0068	3.77E+06	0.722
									2520.070	6201	0	27477	0.0043	-0.0055	-0.0067	3.76E+06	0.724
									2521.070	6199	0	27440	0.0043	-0.0055	-0.0067	3.71E+06	0.727
									2522.070	6200	0	27477	0.0043	-0.0055	-0.0067	3.70E+06	0.724
									2523.070	6200	0	27477	0.0043	-0.0055	-0.0068	3.68E+06	0.728
									2524.070	6199	0	27513	0.0043	-0.0055	-0.0068	3.67E+06	0.728
									2525.070	6199	0	27477	0.0043	-0.0055	-0.0068	3.68E+06	0.728
									2526.070	6199	0	27550	0.0043	-0.0055	-0.0067	3.64E+06	0.734
									2527.070	6199	0	27513	0.0044	-0.0055	-0.0067	3.61E+06	0.744
									2528.070	6201	0	27550	0.0043	-0.0056	-0.0068	3.52E+06	0.753
									2529.070	6199	0	27623	0.0043	-0.0056	-0.0068	3.40E+06	0.765
									2530.070	6199	0	27587	0.0043	-0.0056	-0.0068	3.30E+06	0.776
									2531.060	6201	0	27587	0.0043	-0.0056	-0.0068	3.11E+06	0.791
									2532.060	6199	0	27623	0.0044	-0.0056	-0.0068	2.94E+06	0.794
									2533.060	6199	0	27660	0.0044	-0.0056	-0.0068	2.75E+06	0.796
									2534.060	6200	0	27623	0.0044	-0.0056	-0.0068	2.63E+06	0.804
									2535.060	6199	0	27660	0.0044	-0.0056	-0.0068	2.51E+06	0.810
									2536.060	6199	0	27697	0.0044	-0.0056	-0.0068	2.43E+06	0.817
									2537.060	6200	0	27697	0.0044	-0.0056	-0.0068	2.21E+06	0.817
									2538.060	6199	0	27733	0.0044	-0.0056	-0.0068	2.04E+06	0.815

2539.060	6200	0	27770	0.0044	-0.0056	-0.0068	1.84E+06	0.810
2540.060	6200	0	27770	0.0044	-0.0056	-0.0068	1.70E+06	0.809
2541.060	6198	0	27733	0.0044	-0.0056	-0.0068	1.59E+06	0.813
2542.060	6199	0	27770	0.0044	-0.0056	-0.0068	1.49E+06	0.821
2543.060	6198	0	27806	0.0044	-0.0056	-0.0068	1.37E+06	0.817
2544.060	6201	0	27806	0.0044	-0.0056	-0.0068	1.23E+06	0.813
2545.060	6199	0	27806	0.0044	-0.0056	-0.0068	1.12E+06	0.818
2546.060	6199	0	27843	0.0044	-0.0056	-0.0068	1.04E+06	0.819
2547.060	6202	0	27843	0.0044	-0.0056	-0.0068	9.67E+05	0.817
2548.060	6200	0	27843	0.0044	-0.0056	-0.0068	9.05E+05	0.818
2549.060	6200	0	27880	0.0044	-0.0056	-0.0068	8.11E+05	0.812
2550.060	6200	0	27953	0.0044	-0.0056	-0.0068	7.05E+05	0.813
2551.060	6200	0	27916	0.0045	-0.0056	-0.0068	6.05E+05	0.808
2552.060	6199	0	27916	0.0045	-0.0057	-0.0068	5.31E+05	0.802
2553.060	6199	0	27843	0.0045	-0.0057	-0.0069	4.46E+05	0.794
2554.060	6199	0	27770	0.0045	-0.0057	-0.0069	3.93E+05	0.793
2555.060	6201	0	27843	0.0045	-0.0057	-0.0069	3.75E+05	0.782
2556.060	6200	0	27770	0.0045	-0.0057	-0.0069	3.21E+05	0.777
2557.060	6199	0	27843	0.0045	-0.0057	-0.0069	2.62E+05	0.774
2558.060	6198	0	27806	0.0045	-0.0057	-0.0069	2.10E+05	0.771
2559.060	6199	0	27770	0.0045	-0.0057	-0.0069	2.17E+05	0.765
2560.060	6201	0	27770	0.0045	-0.0057	-0.0069	2.07E+05	0.758
2561.060	6201	0	27806	0.0045	-0.0057	-0.0069	2.04E+05	0.752
2562.050	6200	0	27733	0.0045	-0.0057	-0.0069	2.16E+05	0.742
2563.050	6199	0	27733	0.0045	-0.0057	-0.0069	2.20E+05	0.737
2564.050	6199	0	27770	0.0046	-0.0057	-0.0069	2.47E+05	0.729
2565.050	6199	0	27770	0.0045	-0.0057	-0.0069	2.85E+05	0.723
2566.050	6199	0	27770	0.0045	-0.0057	-0.0069	3.22E+05	0.715
2567.050	6200	0	27770	0.0045	-0.0057	-0.0069	3.49E+05	0.699
2568.050	6200	0	27770	0.0046	-0.0057	-0.0069	4.22E+05	0.689
2569.050	6199	0	27770	0.0046	-0.0057	-0.0069	5.09E+05	0.675
2570.050	6200	0	27770	0.0046	-0.0057	-0.0069	5.70E+05	0.665
2571.050	6200	0	27770	0.0046	-0.0057	-0.0069	6.30E+05	0.655
2572.050	6199	0	27806	0.0046	-0.0057	-0.0069	7.21E+05	0.641
2573.050	6201	0	27806	0.0045	-0.0057	-0.0069	8.48E+05	0.625
2574.050	6199	0	27806	0.0046	-0.0057	-0.0069	9.77E+05	0.612
2575.050	6199	0	27733	0.0046	-0.0057	-0.0069	1.14E+06	0.593
2576.050	6201	0	27806	0.0046	-0.0057	-0.0069	1.33E+06	0.579
2577.050	6199	0	27770	0.0046	-0.0057	-0.0069	1.49E+06	0.568
2578.050	6199	0	27770	0.0046	-0.0057	-0.0069	1.68E+06	0.564
2579.050	6199	0	27843	0.0046	-0.0057	-0.0069	1.81E+06	0.553
2580.050	6199	0	27880	0.0046	-0.0058	-0.0069	1.94E+06	0.554
2581.050	6201	0	27843	0.0046	-0.0058	-0.0069	2.11E+06	0.555
2582.050	6201	0	27843	0.0046	-0.0058	-0.0069	2.20E+06	0.555
2583.050	6199	0	27806	0.0046	-0.0058	-0.0069	2.33E+06	0.553
2584.050	6199	0	27953	0.0046	-0.0058	-0.0069	2.40E+06	0.549
2585.050	6199	0	27953	0.0046	-0.0058	-0.0069	2.53E+06	0.550
2586.050	6200	0	27953	0.0046	-0.0058	-0.0069	2.63E+06	0.551
2587.050	6200	0	27953	0.0047	-0.0058	-0.0069	2.81E+06	0.559
2588.050	6200	0	27953	0.0046	-0.0058	-0.0069	2.87E+06	0.561
2589.050	6199	0	27989	0.0046	-0.0058	-0.0069	2.93E+06	0.561
2590.050	6199	0	27989	0.0046	-0.0058	-0.0069	2.97E+06	0.558
2591.050	6200	0	27989	0.0046	-0.0058	-0.0069	3.02E+06	0.554
2592.050	6199	0	27989	0.0047	-0.0058	-0.0069	3.14E+06	0.558
2593.040	6200	0	28063	0.0047	-0.0058	-0.0069	3.21E+06	0.560
2594.040	6201	0	28063	0.0047	-0.0058	-0.0069	3.28E+06	0.561
2595.040	6199	0	28063	0.0046	-0.0058	-0.0069	3.31E+06	0.562
2596.040	6199	0	28063	0.0046	-0.0058	-0.0069	3.35E+06	0.563
2597.040	6202	0	28099	0.0047	-0.0058	-0.0069	3.37E+06	0.560
2598.040	6199	0	28136	0.0047	-0.0058	-0.0069	3.41E+06	0.557
2599.040	6199	0	28099	0.0047	-0.0058	-0.0069	3.48E+06	0.564
2600.040	6199	0	28136	0.0047	-0.0058	-0.0069	3.51E+06	0.565
2601.040	6199	0	28136	0.0047	-0.0058	-0.0069	3.51E+06	0.570
2602.040	6199	0	28136	0.0047	-0.0058	-0.0069	3.55E+06	0.569
2603.040	6199	0	28209	0.0047	-0.0058	-0.0069	3.59E+06	0.567
2604.040	6199	0	28172	0.0047	-0.0058	-0.0069	3.55E+06	0.565
2605.040	6199	0	28209	0.0047	-0.0058	-0.0069	3.55E+06	0.566
2606.040	6200	0	28246	0.0047	-0.0058	-0.0069	3.52E+06	0.564
2607.040	6199	0	28209	0.0047	-0.0058	-0.0069	3.50E+06	0.564
2608.040	6200	0	28246	0.0047	-0.0058	-0.0069	3.50E+06	0.564
2609.040	6199	0	28246	0.0047	-0.0058	-0.0069	3.47E+06	0.567
2610.040	6199	0	28319	0.0047	-0.0058	-0.0069	3.55E+06	0.568
2611.040	6200	0	28282	0.0047	-0.0058	-0.0069	3.59E+06	0.572
2612.040	6200	0	28355	0.0047	-0.0058	-0.0069	3.56E+06	0.570
2613.040	6202	0	28319	0.0047	-0.0058	-0.0069	3.52E+06	0.565
2614.040	6200	0	28355	0.0047	-0.0058	-0.0069	3.50E+06	0.564
2615.040	6199	0	28355	0.0047	-0.0058	-0.0069	3.51E+06	0.569
2616.040	6201	0	28392	0.0048	-0.0058	-0.0069	3.49E+06	0.567
2617.040	6200	0	28465	0.0048	-0.0058	-0.0069	3.41E+06	0.561



2618.040	6199	0	28392	0.0048	-0.0058	-0.0069	3.35E+06	0.559
2619.040	6199	0	28502	0.0047	-0.0058	-0.0069	3.33E+06	0.559
2620.040	6198	0	28429	0.0048	-0.0059	-0.0069	3.33E+06	0.560
2621.040	6200	0	28465	0.0048	-0.0059	-0.0069	3.33E+06	0.562
2622.040	6199	0	28502	0.0048	-0.0059	-0.0069	3.27E+06	0.563
2623.040	6200	0	28502	0.0048	-0.0059	-0.0069	3.27E+06	0.562
2624.030	6200	0	28502	0.0048	-0.0059	-0.0069	3.29E+06	0.563
2625.030	6199	0	28538	0.0048	-0.0059	-0.0070	3.24E+06	0.562
2626.030	6198	0	28538	0.0048	-0.0059	-0.0070	3.24E+06	0.562
2627.030	6199	0	28612	0.0048	-0.0059	-0.0069	3.17E+06	0.560
2628.030	6200	0	28685	0.0048	-0.0059	-0.0069	3.15E+06	0.563
2629.030	6200	0	28612	0.0048	-0.0059	-0.0069	3.17E+06	0.568
2630.030	6199	0	28575	0.0048	-0.0059	-0.0069	3.15E+06	0.567
2631.030	6200	0	28575	0.0048	-0.0059	-0.0069	3.13E+06	0.570
2632.030	6199	0	28648	0.0048	-0.0059	-0.0069	3.16E+06	0.573
2633.030	6199	0	28685	0.0048	-0.0059	-0.0069	3.14E+06	0.577
2634.030	6199	0	28685	0.0048	-0.0059	-0.0069	3.15E+06	0.578
2635.030	6200	0	28758	0.0049	-0.0059	-0.0069	3.15E+06	0.581
2636.030	6199	0	28722	0.0048	-0.0059	-0.0069	3.15E+06	0.583
2637.030	6200	0	28685	0.0048	-0.0059	-0.0070	3.13E+06	0.585
2638.030	6199	0	28722	0.0049	-0.0059	-0.0069	3.16E+06	0.588
2639.030	6199	0	28758	0.0049	-0.0059	-0.0069	3.17E+06	0.591
2640.030	6199	0	28758	0.0049	-0.0059	-0.0070	3.18E+06	0.595
2641.030	6199	0	28795	0.0049	-0.0059	-0.0069	3.22E+06	0.599
2642.030	6199	0	28758	0.0049	-0.0059	-0.0069	3.24E+06	0.600
2643.030	6200	0	28758	0.0049	-0.0059	-0.0070	3.30E+06	0.603
2644.030	6200	0	28795	0.0049	-0.0059	-0.0070	3.30E+06	0.606
2645.030	6202	0	28831	0.0049	-0.0059	-0.0070	3.37E+06	0.609
2646.030	6201	0	28868	0.0049	-0.0059	-0.0069	3.37E+06	0.614
2647.030	6203	0	28795	0.0049	-0.0059	-0.0069	3.38E+06	0.619
2648.030	6199	0	28905	0.0049	-0.0059	-0.0069	3.37E+06	0.619
2649.030	6199	0	28905	0.0049	-0.0059	-0.0070	3.30E+06	0.612
2650.030	6200	0	28868	0.0049	-0.0059	-0.0070	3.30E+06	0.613
2651.030	6202	0	28941	0.0049	-0.0059	-0.0070	3.31E+06	0.620
2652.030	6200	0	28868	0.0049	-0.0059	-0.0069	3.30E+06	0.626
2653.030	6201	0	28941	0.0049	-0.0059	-0.0070	3.33E+06	0.637
2654.030	6199	0	28978	0.0049	-0.0059	-0.0070	3.36E+06	0.639
2655.030	6199	0	29014	0.0049	-0.0059	-0.0070	3.34E+06	0.644
2656.020	6200	0	28941	0.0049	-0.0059	-0.0070	3.27E+06	0.644
2657.020	6199	0	29051	0.0049	-0.0060	-0.0070	3.20E+06	0.648
2658.020	6199	0	29014	0.0049	-0.0060	-0.0070	3.16E+06	0.650
2659.020	6200	0	29088	0.0050	-0.0060	-0.0070	3.14E+06	0.650
2660.020	6199	0	29088	0.0050	-0.0060	-0.0070	3.12E+06	0.653
2661.020	6199	0	29051	0.0049	-0.0060	-0.0070	3.12E+06	0.657
2662.020	6199	0	29088	0.0050	-0.0060	-0.0070	3.11E+06	0.662
2663.020	6200	0	29124	0.0050	-0.0060	-0.0070	3.04E+06	0.656
2664.020	6199	0	29161	0.0050	-0.0060	-0.0070	3.05E+06	0.657
2665.020	6200	0	29161	0.0050	-0.0060	-0.0070	3.02E+06	0.658
2666.020	6200	0	29234	0.0050	-0.0060	-0.0070	3.03E+06	0.667
2667.020	6199	0	29234	0.0050	-0.0060	-0.0070	3.01E+06	0.665
2668.020	6199	0	29234	0.0050	-0.0060	-0.0070	2.97E+06	0.661
2669.020	6200	0	29234	0.0050	-0.0060	-0.0070	2.97E+06	0.663
2670.020	6201	0	29271	0.0050	-0.0060	-0.0070	2.92E+06	0.662
2671.020	6199	0	29234	0.0050	-0.0060	-0.0070	2.94E+06	0.668
2672.020	6199	0	29234	0.0050	-0.0060	-0.0070	2.95E+06	0.670
2673.020	6200	0	29234	0.0050	-0.0060	-0.0070	2.88E+06	0.663
2674.020	6200	0	29234	0.0050	-0.0060	-0.0070	2.85E+06	0.662
2675.020	6199	0	29307	0.0050	-0.0060	-0.0070	2.86E+06	0.664
2676.020	6200	0	29307	0.0050	-0.0060	-0.0070	2.83E+06	0.664
2677.020	6200	0	29307	0.0050	-0.0060	-0.0070	2.83E+06	0.666
2678.020	6199	0	29271	0.0050	-0.0060	-0.0070	2.77E+06	0.664
2679.020	6199	0	29271	0.0050	-0.0060	-0.0070	2.78E+06	0.666
2680.020	6199	0	29307	0.0050	-0.0060	-0.0070	2.79E+06	0.665
2681.020	6201	0	29307	0.0050	-0.0060	-0.0070	2.78E+06	0.661
2682.020	6201	0	29344	0.0051	-0.0060	-0.0070	2.80E+06	0.664
2683.020	6199	0	29381	0.0051	-0.0060	-0.0070	2.81E+06	0.660
2684.020	6199	0	29381	0.0051	-0.0060	-0.0070	2.81E+06	0.664
2685.020	6199	0	29381	0.0051	-0.0060	-0.0070	2.84E+06	0.665
2686.020	6200	0	29381	0.0051	-0.0060	-0.0070	2.88E+06	0.667
2687.010	6200	0	29381	0.0051	-0.0061	-0.0070	2.89E+06	0.664
2688.010	6199	0	29454	0.0051	-0.0061	-0.0070	2.93E+06	0.664
2689.010	6200	0	29527	0.0051	-0.0061	-0.0070	2.95E+06	0.661
2690.010	6199	0	29454	0.0051	-0.0061	-0.0070	2.95E+06	0.660
2691.010	6199	0	29490	0.0051	-0.0061	-0.0070	2.99E+06	0.661
2692.010	6199	0	29490	0.0051	-0.0061	-0.0070	3.05E+06	0.663
2693.010	6199	0	29527	0.0051	-0.0061	-0.0070	3.16E+06	0.658
2694.010	6199	0	29600	0.0051	-0.0061	-0.0070	3.24E+06	0.659
2695.010	6199	0	29527	0.0051	-0.0061	-0.0070	3.32E+06	0.662
2696.010	6200	0	29600	0.0051	-0.0061	-0.0070	3.38E+06	0.662

2697.010	6200	0	29600	0.0051	-0.0061	-0.0071	3.42E+06	0.661
2698.010	6200	0	29564	0.0051	-0.0061	-0.0070	3.50E+06	0.664
2699.010	6201	0	29564	0.0051	-0.0061	-0.0070	3.55E+06	0.664
2700.010	6199	0	29637	0.0051	-0.0061	-0.0070	3.57E+06	0.660
2701.010	6200	0	29637	0.0051	-0.0061	-0.0070	3.66E+06	0.661
2702.010	6200	0	29637	0.0052	-0.0061	-0.0070	3.73E+06	0.661
2703.010	6200	0	29637	0.0051	-0.0061	-0.0071	3.77E+06	0.661
2704.010	6200	0	29710	0.0051	-0.0061	-0.0071	3.82E+06	0.669
2705.010	6200	0	29747	0.0052	-0.0061	-0.0071	3.78E+06	0.660
2706.010	6199	0	29710	0.0052	-0.0061	-0.0070	3.76E+06	0.657
2707.010	6200	0	29820	0.0052	-0.0061	-0.0070	3.71E+06	0.651
2708.010	6199	0	29747	0.0052	-0.0061	-0.0070	3.68E+06	0.652
2709.010	6201	0	29747	0.0052	-0.0061	-0.0071	3.72E+06	0.655
2710.010	6199	0	29783	0.0052	-0.0061	-0.0071	3.71E+06	0.652
2711.010	6199	0	29820	0.0052	-0.0061	-0.0071	3.71E+06	0.649
2712.010	6200	0	29857	0.0052	-0.0061	-0.0070	3.72E+06	0.653
2713.010	6200	0	29893	0.0052	-0.0061	-0.0070	3.75E+06	0.657
2714.010	6199	0	29857	0.0052	-0.0061	-0.0071	3.74E+06	0.653
2715.010	6199	0	29820	0.0052	-0.0061	-0.0071	3.80E+06	0.654
2716.010	6199	0	29893	0.0052	-0.0061	-0.0071	3.79E+06	0.652
2717.010	6199	0	29893	0.0052	-0.0061	-0.0071	3.83E+06	0.657
2718.000	6200	0	30003	0.0052	-0.0061	-0.0070	3.85E+06	0.655
2719.000	6200	0	29966	0.0052	-0.0061	-0.0071	3.78E+06	0.646
2720.000	6199	0	29966	0.0052	-0.0061	-0.0071	3.83E+06	0.650
2721.000	6199	0	29966	0.0052	-0.0061	-0.0071	3.75E+06	0.643
2722.000	6201	0	30003	0.0052	-0.0062	-0.0071	3.80E+06	0.644
2723.000	6201	0	30040	0.0052	-0.0062	-0.0071	3.79E+06	0.643
2724.000	6199	0	30040	0.0053	-0.0062	-0.0071	3.75E+06	0.635
2725.000	6201	0	30076	0.0052	-0.0062	-0.0071	3.68E+06	0.631
2726.000	6201	0	30076	0.0052	-0.0062	-0.0071	3.70E+06	0.634
2727.000	6200	0	30113	0.0052	-0.0062	-0.0071	3.72E+06	0.636
2728.000	6200	0	30113	0.0052	-0.0062	-0.0071	3.71E+06	0.637
2729.000	6200	0	30113	0.0052	-0.0062	-0.0071	3.62E+06	0.631
2730.000	6199	0	30149	0.0053	-0.0062	-0.0071	3.64E+06	0.631
2731.000	6200	0	30113	0.0053	-0.0062	-0.0071	3.65E+06	0.629
2732.000	6199	0	30149	0.0053	-0.0062	-0.0071	3.60E+06	0.627
2733.000	6199	0	30113	0.0053	-0.0062	-0.0071	3.62E+06	0.628
2734.000	6199	0	30223	0.0053	-0.0062	-0.0071	3.59E+06	0.622
2735.000	6201	0	30223	0.0053	-0.0062	-0.0071	3.59E+06	0.620
2736.000	6201	0	30259	0.0053	-0.0062	-0.0071	3.53E+06	0.615
2737.000	6200	0	30259	0.0053	-0.0062	-0.0071	3.56E+06	0.616
2738.000	6199	0	30332	0.0053	-0.0062	-0.0071	3.54E+06	0.614
2739.000	6199	0	30296	0.0053	-0.0062	-0.0071	3.53E+06	0.609
2740.000	6201	0	30332	0.0053	-0.0062	-0.0071	3.55E+06	0.609
2741.000	6200	0	30332	0.0053	-0.0062	-0.0071	3.48E+06	0.605
2742.000	6199	0	30369	0.0053	-0.0062	-0.0071	3.51E+06	0.605
2743.000	6199	0	30406	0.0053	-0.0062	-0.0071	3.49E+06	0.606
2744.000	6200	0	30332	0.0054	-0.0062	-0.0071	3.49E+06	0.601
2745.000	6201	0	30369	0.0053	-0.0062	-0.0071	3.47E+06	0.595
2746.000	6200	0	30332	0.0053	-0.0062	-0.0071	3.47E+06	0.594
2747.000	6201	0	30479	0.0053	-0.0062	-0.0071	3.48E+06	0.594
2748.000	6200	0	30406	0.0054	-0.0062	-0.0071	3.51E+06	0.594
2749.000	6199	0	30479	0.0054	-0.0062	-0.0071	3.53E+06	0.599
2749.990	6199	0	30442	0.0054	-0.0062	-0.0071	3.51E+06	0.599
2750.990	6199	0	30479	0.0053	-0.0062	-0.0071	3.54E+06	0.601
2751.990	6200	0	30552	0.0053	-0.0062	-0.0071	3.52E+06	0.598
2752.990	6200	0	30516	0.0054	-0.0062	-0.0071	3.52E+06	0.592
2753.990	6199	0	30516	0.0054	-0.0062	-0.0071	3.53E+06	0.595
2754.990	6200	0	30589	0.0054	-0.0062	-0.0071	3.51E+06	0.599
2755.990	6200	0	30589	0.0054	-0.0063	-0.0071	3.50E+06	0.597
2756.990	6199	0	30552	0.0054	-0.0063	-0.0071	3.44E+06	0.594
2757.990	6201	0	30552	0.0054	-0.0063	-0.0071	3.40E+06	0.590
2758.990	6199	0	30625	0.0054	-0.0063	-0.0071	3.32E+06	0.587
2759.990	6200	0	30699	0.0054	-0.0063	-0.0071	3.34E+06	0.593
2760.990	6200	0	30625	0.0054	-0.0063	-0.0071	3.34E+06	0.593
2761.990	6201	0	30699	0.0054	-0.0063	-0.0071	3.32E+06	0.591
2762.990	6199	0	30662	0.0054	-0.0063	-0.0071	3.30E+06	0.591
2763.990	6199	0	30699	0.0054	-0.0063	-0.0071	3.30E+06	0.590
2764.990	6199	0	30772	0.0054	-0.0063	-0.0071	3.30E+06	0.589
2765.990	6200	0	30699	0.0054	-0.0063	-0.0071	3.29E+06	0.586
2766.990	6201	0	30808	0.0054	-0.0063	-0.0071	3.30E+06	0.587
2767.990	6201	0	30772	0.0054	-0.0063	-0.0071	3.36E+06	0.591
2768.990	6200	0	30772	0.0054	-0.0063	-0.0071	3.39E+06	0.592
2769.990	6200	0	30808	0.0054	-0.0063	-0.0071	3.37E+06	0.592
2770.990	6200	0	30845	0.0054	-0.0063	-0.0071	3.44E+06	0.598
2771.990	6199	0	30882	0.0055	-0.0063	-0.0071	3.39E+06	0.592
2772.990	6199	0	30918	0.0055	-0.0063	-0.0071	3.40E+06	0.595
2773.990	6201	0	30808	0.0055	-0.0063	-0.0071	3.38E+06	0.593
2774.990	6200	0	30845	0.0055	-0.0063	-0.0071	3.36E+06	0.591

2775.990	6199	0	30918	0.0055	-0.0063	-0.0072	3.35E+06	0.590
2776.990	6201	0	30918	0.0055	-0.0063	-0.0071	3.33E+06	0.593
2777.990	6200	0	30955	0.0055	-0.0063	-0.0071	3.38E+06	0.596
2778.990	6198	0	30918	0.0055	-0.0063	-0.0071	3.39E+06	0.602
2779.990	6199	0	30882	0.0055	-0.0063	-0.0071	3.36E+06	0.601
2780.980	6199	0	30955	0.0055	-0.0063	-0.0072	3.38E+06	0.603
2781.980	6199	0	30918	0.0055	-0.0063	-0.0072	3.33E+06	0.600
2782.980	6200	0	30992	0.0055	-0.0063	-0.0071	3.26E+06	0.596
2783.980	6202	0	30992	0.0055	-0.0063	-0.0071	3.27E+06	0.601
2784.980	6199	0	30992	0.0055	-0.0063	-0.0071	3.27E+06	0.603
2785.980	6200	0	31028	0.0055	-0.0063	-0.0071	3.29E+06	0.601
2786.980	6199	0	31028	0.0055	-0.0063	-0.0072	3.27E+06	0.600
2787.980	6199	0	31028	0.0055	-0.0063	-0.0072	3.26E+06	0.598
2788.980	6200	0	31065	0.0055	-0.0063	-0.0071	3.23E+06	0.597
2789.980	6201	0	31101	0.0055	-0.0063	-0.0071	3.21E+06	0.592
2790.980	6200	0	31101	0.0056	-0.0063	-0.0071	3.23E+06	0.593
2791.980	6199	0	31138	0.0055	-0.0063	-0.0072	3.22E+06	0.592
2792.980	6199	0	31211	0.0055	-0.0064	-0.0072	3.24E+06	0.593
2793.980	6199	0	31175	0.0055	-0.0064	-0.0072	3.21E+06	0.590
2794.980	6199	0	31175	0.0055	-0.0064	-0.0072	3.20E+06	0.587
2795.980	6200	0	31284	0.0056	-0.0064	-0.0072	3.21E+06	0.585
2796.980	6200	0	31248	0.0056	-0.0064	-0.0071	3.26E+06	0.586
2797.980	6202	0	31175	0.0056	-0.0064	-0.0072	3.27E+06	0.587
2798.980	6201	0	31248	0.0056	-0.0064	-0.0072	3.32E+06	0.591
2799.980	6199	0	31248	0.0056	-0.0064	-0.0072	3.31E+06	0.592
2800.980	6200	0	31284	0.0056	-0.0064	-0.0072	3.32E+06	0.593
2801.980	6200	0	31248	0.0056	-0.0064	-0.0072	3.34E+06	0.597
2802.980	6201	0	31321	0.0056	-0.0064	-0.0072	3.30E+06	0.595
2803.980	6200	0	31321	0.0056	-0.0064	-0.0072	3.30E+06	0.591
2804.980	6201	0	31321	0.0056	-0.0064	-0.0072	3.33E+06	0.593
2805.980	6199	0	31358	0.0056	-0.0064	-0.0072	3.29E+06	0.591
2806.980	6201	0	31284	0.0056	-0.0064	-0.0072	3.34E+06	0.595
2807.980	6200	0	31358	0.0056	-0.0064	-0.0071	3.31E+06	0.598
2808.980	6199	0	31431	0.0056	-0.0064	-0.0072	3.27E+06	0.594
2809.980	6199	0	31394	0.0056	-0.0064	-0.0072	3.21E+06	0.592
2810.980	6200	0	31431	0.0056	-0.0064	-0.0072	3.17E+06	0.591
2811.970	6200	0	31431	0.0056	-0.0064	-0.0072	3.17E+06	0.592
2812.970	6200	0	31431	0.0056	-0.0064	-0.0072	3.14E+06	0.588
2813.970	6201	0	31467	0.0057	-0.0064	-0.0072	3.09E+06	0.583
2814.970	6199	0	31504	0.0057	-0.0064	-0.0072	3.07E+06	0.582
2815.970	6199	0	31467	0.0057	-0.0064	-0.0072	3.06E+06	0.582
2816.970	6199	0	31541	0.0057	-0.0064	-0.0072	3.03E+06	0.579
2817.970	6199	0	31504	0.0056	-0.0064	-0.0072	3.05E+06	0.581
2818.970	6199	0	31504	0.0057	-0.0064	-0.0072	3.09E+06	0.580
2819.970	6201	0	31577	0.0057	-0.0064	-0.0072	3.10E+06	0.579
2820.970	6200	0	31614	0.0057	-0.0064	-0.0072	3.09E+06	0.586
2821.970	6199	0	31650	0.0057	-0.0064	-0.0072	3.14E+06	0.588
2822.970	6199	0	31577	0.0057	-0.0064	-0.0072	3.11E+06	0.587
2823.970	6200	0	31614	0.0057	-0.0064	-0.0072	3.08E+06	0.588
2824.970	6200	0	31650	0.0057	-0.0064	-0.0072	3.07E+06	0.588
2825.970	6201	0	31687	0.0057	-0.0064	-0.0072	3.08E+06	0.590
2826.970	6202	0	31650	0.0057	-0.0065	-0.0072	3.10E+06	0.599
2827.970	6199	0	31614	0.0057	-0.0065	-0.0072	3.03E+06	0.598
2828.970	6201	0	31724	0.0057	-0.0065	-0.0072	3.00E+06	0.594
2829.970	6201	0	31760	0.0057	-0.0065	-0.0072	2.97E+06	0.591
2830.970	6200	0	31724	0.0057	-0.0065	-0.0072	2.93E+06	0.586
2831.970	6201	0	31797	0.0057	-0.0065	-0.0072	2.91E+06	0.587
2832.970	6201	0	31760	0.0057	-0.0065	-0.0072	2.81E+06	0.585
2833.970	6201	0	31724	0.0058	-0.0065	-0.0072	2.75E+06	0.583
2834.970	6198	0	31724	0.0057	-0.0065	-0.0072	2.76E+06	0.584
2835.970	6200	0	31760	0.0057	-0.0065	-0.0072	2.73E+06	0.586
2836.970	6199	0	31834	0.0057	-0.0065	-0.0072	2.69E+06	0.584
2837.970	6201	0	31834	0.0058	-0.0065	-0.0072	2.62E+06	0.581
2838.970	6200	0	31834	0.0058	-0.0065	-0.0072	2.59E+06	0.583
2839.970	6199	0	31870	0.0058	-0.0065	-0.0072	2.52E+06	0.578
2840.970	6200	0	31834	0.0058	-0.0065	-0.0072	2.50E+06	0.573
2841.970	6199	0	31870	0.0058	-0.0065	-0.0072	2.42E+06	0.570
2842.960	6200	0	31907	0.0058	-0.0065	-0.0072	2.40E+06	0.566
2843.960	6199	0	31943	0.0058	-0.0065	-0.0072	2.34E+06	0.560
2844.960	6199	0	31943	0.0058	-0.0065	-0.0072	2.29E+06	0.559
2845.960	6201	0	31870	0.0058	-0.0065	-0.0072	2.24E+06	0.556
2846.960	6199	0	31943	0.0058	-0.0065	-0.0072	2.22E+06	0.553
2847.960	6201	0	31870	0.0058	-0.0065	-0.0072	2.22E+06	0.551
2848.960	6201	0	31943	0.0058	-0.0065	-0.0072	2.21E+06	0.552
2849.960	6201	0	31980	0.0058	-0.0065	-0.0072	2.16E+06	0.552
2850.960	6200	0	32017	0.0058	-0.0065	-0.0072	2.18E+06	0.555
2851.960	6199	0	31907	0.0058	-0.0065	-0.0072	2.20E+06	0.556
2852.960	6199	0	31907	0.0058	-0.0065	-0.0072	2.16E+06	0.554
2853.960	6201	0	31980	0.0058	-0.0065	-0.0072	2.15E+06	0.556

2854.960	6201	0	32017	0.0058	-0.0065	-0.0072	2.18E+06	0.556
2855.960	6199	0	32053	0.0059	-0.0065	-0.0072	2.23E+06	0.555
2856.960	6199	0	32017	0.0059	-0.0065	-0.0072	2.26E+06	0.559
2857.960	6199	0	31980	0.0058	-0.0065	-0.0072	2.29E+06	0.560
2858.960	6199	0	31980	0.0058	-0.0065	-0.0072	2.27E+06	0.559
2859.960	6199	0	32053	0.0058	-0.0065	-0.0072	2.24E+06	0.558
2860.960	6201	0	32053	0.0059	-0.0065	-0.0072	2.22E+06	0.554
2861.960	6199	0	32053	0.0059	-0.0065	-0.0072	2.17E+06	0.551
2862.960	6200	0	32017	0.0059	-0.0065	-0.0072	2.17E+06	0.555
2863.960	6200	0	32053	0.0059	-0.0065	-0.0072	2.17E+06	0.552
2864.960	6200	0	32053	0.0059	-0.0065	-0.0072	2.15E+06	0.551
2865.960	6202	0	32126	0.0059	-0.0065	-0.0072	2.20E+06	0.555
2866.960	6201	0	32053	0.0059	-0.0066	-0.0072	2.20E+06	0.555
2867.960	6200	0	32126	0.0059	-0.0066	-0.0072	2.26E+06	0.554
2868.960	6199	0	32126	0.0059	-0.0066	-0.0072	2.33E+06	0.562
2869.960	6200	0	32126	0.0059	-0.0066	-0.0072	2.33E+06	0.559
2870.960	6200	0	32090	0.0059	-0.0066	-0.0072	2.37E+06	0.557
2871.960	6202	0	32163	0.0059	-0.0066	-0.0072	2.35E+06	0.555
2872.960	6199	0	32163	0.0059	-0.0066	-0.0072	2.35E+06	0.555
2873.960	6201	0	32200	0.0059	-0.0066	-0.0072	2.31E+06	0.553
2874.950	6201	0	32163	0.0059	-0.0066	-0.0072	2.38E+06	0.559
2875.950	6199	0	32236	0.0059	-0.0066	-0.0072	2.41E+06	0.560
2876.950	6199	0	32236	0.0059	-0.0066	-0.0072	2.48E+06	0.562
2877.950	6200	0	32200	0.0059	-0.0066	-0.0072	2.53E+06	0.568
2878.950	6200	0	32273	0.0059	-0.0066	-0.0072	2.55E+06	0.571
2879.950	6199	0	32310	0.0059	-0.0066	-0.0072	2.50E+06	0.562
2880.950	6200	0	32310	0.0060	-0.0066	-0.0072	2.55E+06	0.562
2881.950	6200	0	32310	0.0059	-0.0066	-0.0072	2.55E+06	0.561
2882.950	6199	0	32273	0.0060	-0.0066	-0.0072	2.55E+06	0.557
2883.950	6200	0	32273	0.0060	-0.0066	-0.0072	2.53E+06	0.560
2884.950	6200	0	32310	0.0060	-0.0066	-0.0072	2.50E+06	0.560
2885.950	6199	0	32346	0.0060	-0.0066	-0.0072	2.54E+06	0.563
2886.950	6199	0	32310	0.0060	-0.0066	-0.0072	2.55E+06	0.569
2887.950	6199	0	32273	0.0060	-0.0066	-0.0072	2.58E+06	0.569
2888.950	6199	0	32346	0.0060	-0.0066	-0.0072	2.57E+06	0.566
2889.950	6199	0	32310	0.0060	-0.0066	-0.0072	2.60E+06	0.572
2890.950	6200	0	32419	0.0060	-0.0066	-0.0073	2.54E+06	0.565
2891.950	6199	0	32383	0.0060	-0.0066	-0.0072	2.52E+06	0.557
2892.950	6200	0	32493	0.0060	-0.0066	-0.0072	2.51E+06	0.558
2893.950	6200	0	32419	0.0060	-0.0066	-0.0073	2.51E+06	0.558
2894.950	6202	0	32383	0.0060	-0.0066	-0.0072	2.51E+06	0.554
2895.950	6201	0	32456	0.0060	-0.0066	-0.0072	2.55E+06	0.560
2896.950	6199	0	32456	0.0060	-0.0066	-0.0072	2.51E+06	0.556
2897.950	6199	0	32419	0.0060	-0.0066	-0.0072	2.50E+06	0.551
2898.950	6199	0	32456	0.0061	-0.0066	-0.0072	2.50E+06	0.555
2899.950	6199	0	32529	0.0060	-0.0066	-0.0073	2.49E+06	0.555
2900.950	6200	0	32529	0.0060	-0.0066	-0.0073	2.46E+06	0.552
2901.950	6200	0	32529	0.0060	-0.0066	-0.0072	2.49E+06	0.555
2902.950	6199	0	32602	0.0060	-0.0066	-0.0073	2.52E+06	0.557
2903.950	6199	0	32602	0.0061	-0.0067	-0.0072	2.48E+06	0.554
2904.950	6199	0	32529	0.0061	-0.0067	-0.0072	2.52E+06	0.561
2905.940	6199	0	32602	0.0061	-0.0067	-0.0073	2.57E+06	0.563
2906.940	6200	0	32529	0.0061	-0.0067	-0.0073	2.57E+06	0.562
2907.940	6200	0	32602	0.0061	-0.0067	-0.0072	2.63E+06	0.569
2908.940	6200	0	32566	0.0061	-0.0067	-0.0073	2.59E+06	0.565
2909.940	6200	0	32602	0.0061	-0.0067	-0.0072	2.57E+06	0.565
2910.940	6200	0	32639	0.0061	-0.0067	-0.0073	2.58E+06	0.568
2911.940	6199	0	32602	0.0061	-0.0067	-0.0073	2.62E+06	0.567
2912.940	6200	0	32676	0.0061	-0.0067	-0.0073	2.59E+06	0.566
2913.940	6202	0	32712	0.0061	-0.0067	-0.0073	2.56E+06	0.569
2914.940	6199	0	32676	0.0061	-0.0067	-0.0073	2.52E+06	0.566
2915.940	6201	0	32676	0.0061	-0.0067	-0.0072	2.49E+06	0.567
2916.940	6200	0	32712	0.0061	-0.0067	-0.0072	2.58E+06	0.578
2917.940	6199	0	32712	0.0061	-0.0067	-0.0073	2.57E+06	0.576
2918.940	6199	0	32712	0.0061	-0.0067	-0.0073	2.63E+06	0.576
2919.940	6199	0	32786	0.0061	-0.0067	-0.0073	2.64E+06	0.579
2920.940	6200	0	32786	0.0061	-0.0067	-0.0073	2.59E+06	0.580
2921.940	6199	0	32786	0.0062	-0.0067	-0.0072	2.60E+06	0.578
2922.940	6200	0	32822	0.0062	-0.0067	-0.0072	2.57E+06	0.577
2923.940	6199	0	32749	0.0061	-0.0067	-0.0073	2.54E+06	0.571
2924.940	6200	0	32749	0.0061	-0.0067	-0.0073	2.49E+06	0.569
2925.940	6200	0	32822	0.0062	-0.0067	-0.0073	2.56E+06	0.576
2926.940	6199	0	32822	0.0062	-0.0067	-0.0073	2.59E+06	0.575
2927.940	6201	0	32859	0.0062	-0.0067	-0.0073	2.56E+06	0.564
2928.940	6200	0	32822	0.0062	-0.0067	-0.0073	2.62E+06	0.565
2929.940	6201	0	32859	0.0062	-0.0067	-0.0073	2.67E+06	0.569
2930.940	6200	0	32895	0.0062	-0.0067	-0.0073	2.66E+06	0.567
2931.940	6200	0	32859	0.0062	-0.0067	-0.0073	2.74E+06	0.571
2932.940	6200	0	32895	0.0062	-0.0067	-0.0073	2.71E+06	0.571

2933.940	6200	0	32895	0.0062	-0.0067	-0.0073	2.69E+06	0.565
2934.940	6200	0	32895	0.0062	-0.0067	-0.0073	2.70E+06	0.572
2935.940	6199	0	32932	0.0062	-0.0067	-0.0073	2.69E+06	0.567
2936.930	6199	0	33005	0.0062	-0.0067	-0.0073	2.72E+06	0.565
2937.930	6199	0	32932	0.0062	-0.0067	-0.0073	2.66E+06	0.565
2938.930	6200	0	32969	0.0062	-0.0067	-0.0073	2.69E+06	0.565
2939.930	6199	0	32969	0.0062	-0.0068	-0.0073	2.68E+06	0.560
2940.930	6200	0	33005	0.0062	-0.0068	-0.0073	2.69E+06	0.561
2941.930	6199	0	33042	0.0062	-0.0068	-0.0073	2.64E+06	0.555
2942.930	6199	0	33042	0.0062	-0.0068	-0.0073	2.62E+06	0.549
2943.930	6199	0	33078	0.0062	-0.0068	-0.0073	2.63E+06	0.551
2944.930	6201	0	33042	0.0062	-0.0068	-0.0073	2.60E+06	0.548
2945.930	6199	0	33005	0.0062	-0.0068	-0.0073	2.59E+06	0.544
2946.930	6199	0	33078	0.0063	-0.0068	-0.0073	2.62E+06	0.548
2947.930	6200	0	33042	0.0063	-0.0068	-0.0073	2.61E+06	0.546
2948.930	6199	0	33115	0.0063	-0.0068	-0.0073	2.59E+06	0.541
2949.930	6199	0	33078	0.0063	-0.0068	-0.0073	2.60E+06	0.545
2950.930	6199	0	33152	0.0063	-0.0068	-0.0073	2.56E+06	0.543
2951.930	6199	0	33188	0.0063	-0.0068	-0.0073	2.53E+06	0.539
2952.930	6200	0	33152	0.0063	-0.0068	-0.0073	2.47E+06	0.537
2953.930	6199	0	33188	0.0063	-0.0068	-0.0073	2.46E+06	0.532
2954.930	6199	0	33188	0.0063	-0.0068	-0.0073	2.42E+06	0.530
2955.930	6201	0	33225	0.0063	-0.0068	-0.0073	2.43E+06	0.529
2956.930	6200	0	33261	0.0063	-0.0068	-0.0073	2.41E+06	0.526
2957.930	6201	0	33225	0.0063	-0.0068	-0.0073	2.34E+06	0.522
2958.930	6200	0	33225	0.0063	-0.0068	-0.0073	2.31E+06	0.521
2959.930	6198	0	33261	0.0063	-0.0068	-0.0073	2.28E+06	0.519
2960.930	6199	0	33298	0.0063	-0.0068	-0.0073	2.23E+06	0.518
2961.930	6201	0	33335	0.0063	-0.0068	-0.0073	2.18E+06	0.513
2962.930	6200	0	33225	0.0063	-0.0068	-0.0073	2.19E+06	0.506
2963.930	6199	0	33298	0.0063	-0.0068	-0.0073	2.14E+06	0.506
2964.930	6200	0	33298	0.0064	-0.0068	-0.0073	2.11E+06	0.509
2965.930	6199	0	33298	0.0063	-0.0068	-0.0073	2.07E+06	0.509
2966.930	6200	0	33298	0.0063	-0.0068	-0.0073	2.03E+06	0.505
2967.920	6200	0	33335	0.0063	-0.0068	-0.0073	2.01E+06	0.506
2968.920	6199	0	33335	0.0063	-0.0068	-0.0073	2.02E+06	0.502
2969.920	6202	0	33335	0.0064	-0.0068	-0.0073	2.03E+06	0.506
2970.920	6200	0	33335	0.0064	-0.0068	-0.0073	2.00E+06	0.507
2971.920	6199	0	33335	0.0064	-0.0068	-0.0073	1.93E+06	0.510
2972.920	6199	0	33371	0.0064	-0.0068	-0.0073	1.88E+06	0.508
2973.920	6200	0	33371	0.0064	-0.0068	-0.0073	1.84E+06	0.508
2974.920	6200	0	33408	0.0064	-0.0068	-0.0073	1.80E+06	0.505
2975.920	6201	0	33408	0.0064	-0.0068	-0.0073	1.74E+06	0.507
2976.920	6200	0	33408	0.0064	-0.0068	-0.0073	1.74E+06	0.513
2977.920	6199	0	33335	0.0064	-0.0068	-0.0073	1.73E+06	0.512
2978.920	6199	0	33444	0.0064	-0.0068	-0.0073	1.70E+06	0.507
2979.920	6202	0	33444	0.0064	-0.0068	-0.0073	1.67E+06	0.508
2980.920	6200	0	33481	0.0064	-0.0068	-0.0073	1.62E+06	0.514
2981.920	6199	0	33444	0.0064	-0.0068	-0.0073	1.59E+06	0.521
2982.920	6199	0	33408	0.0064	-0.0069	-0.0073	1.58E+06	0.526
2983.920	6201	0	33444	0.0064	-0.0069	-0.0073	1.54E+06	0.528
2984.920	6201	0	33481	0.0064	-0.0069	-0.0073	1.49E+06	0.530
2985.920	6199	0	33444	0.0064	-0.0069	-0.0073	1.46E+06	0.539
2986.920	6201	0	33481	0.0064	-0.0069	-0.0073	1.46E+06	0.537
2987.920	6200	0	33554	0.0065	-0.0069	-0.0073	1.46E+06	0.541
2988.920	6199	0	33481	0.0065	-0.0069	-0.0073	1.38E+06	0.542
2989.920	6199	0	33481	0.0064	-0.0069	-0.0073	1.34E+06	0.546
2990.920	6199	0	33518	0.0064	-0.0069	-0.0073	1.30E+06	0.547
2991.920	6201	0	33518	0.0065	-0.0069	-0.0073	1.27E+06	0.552
2992.920	6201	0	33518	0.0065	-0.0069	-0.0073	1.19E+06	0.551
2993.920	6200	0	33627	0.0065	-0.0069	-0.0073	1.14E+06	0.555
2994.920	6199	0	33554	0.0065	-0.0069	-0.0073	1.10E+06	0.564
2995.920	6200	0	33554	0.0065	-0.0069	-0.0073	1.04E+06	0.564
2996.920	6199	0	33518	0.0065	-0.0069	-0.0073	9.86E+05	0.565
2997.920	6199	0	33554	0.0065	-0.0069	-0.0073	9.55E+05	0.568
2998.920	6200	0	33591	0.0065	-0.0069	-0.0073	9.15E+05	0.570
2999.910	6200	0	33591	0.0065	-0.0069	-0.0073	8.95E+05	0.574
3000.910	6200	0	33554	0.0065	-0.0069	-0.0073	8.95E+05	0.582
3001.910	6199	0	33591	0.0065	-0.0069	-0.0073	8.62E+05	0.582
3002.910	6199	0	33627	0.0065	-0.0069	-0.0073	8.40E+05	0.583
3003.910	6200	0	33627	0.0065	-0.0069	-0.0073	7.86E+05	0.588
3004.910	6199	0	33591	0.0065	-0.0069	-0.0073	7.68E+05	0.585
3005.910	6199	0	33554	0.0065	-0.0069	-0.0073	7.42E+05	0.591
3006.910	6199	0	33554	0.0065	-0.0069	-0.0073	7.28E+05	0.593
3007.910	6200	0	33591	0.0065	-0.0069	-0.0073	7.08E+05	0.592
3008.910	6199	0	33591	0.0065	-0.0069	-0.0073	6.68E+05	0.590
3009.910	6199	0	33591	0.0065	-0.0069	-0.0073	6.72E+05	0.591
3010.910	6200	0	33591	0.0066	-0.0069	-0.0073	6.33E+05	0.589
3011.910	6199	0	33664	0.0066	-0.0069	-0.0073	5.98E+05	0.592

3012.910	6199	0	33627	0.0066	-0.0069	-0.0073	5.91E+05	0.590
3013.910	6199	0	33591	0.0066	-0.0069	-0.0073	5.90E+05	0.585
3014.910	6199	0	33591	0.0066	-0.0069	-0.0073	5.77E+05	0.584
3015.910	6200	0	33627	0.0066	-0.0070	-0.0073	5.61E+05	0.587
3016.910	6200	0	33627	0.0066	-0.0070	-0.0073	5.55E+05	0.586
3017.910	6199	0	33591	0.0066	-0.0070	-0.0073	5.31E+05	0.583
3018.910	6200	0	33554	0.0066	-0.0070	-0.0073	5.07E+05	0.582
3019.910	6199	0	33591	0.0066	-0.0070	-0.0073	5.24E+05	0.576
3020.910	6199	0	33591	0.0066	-0.0070	-0.0073	5.46E+05	0.580
3021.910	6199	0	33591	0.0066	-0.0070	-0.0073	5.81E+05	0.584
3022.910	6201	0	33664	0.0066	-0.0070	-0.0073	5.74E+05	0.578
3023.910	6199	0	33627	0.0066	-0.0070	-0.0073	5.70E+05	0.578
3024.910	6199	0	33664	0.0066	-0.0070	-0.0073	6.00E+05	0.578
3025.910	6199	0	33664	0.0066	-0.0070	-0.0073	6.18E+05	0.575
3026.910	6199	0	33627	0.0066	-0.0070	-0.0073	6.25E+05	0.577
3027.910	6201	0	33664	0.0066	-0.0070	-0.0073	6.60E+05	0.575
3028.910	6200	0	33664	0.0066	-0.0070	-0.0073	7.45E+05	0.570
3029.910	6199	0	33664	0.0067	-0.0070	-0.0073	7.94E+05	0.569
3030.900	6199	0	33627	0.0067	-0.0070	-0.0073	8.07E+05	0.568
3031.900	6199	0	33627	0.0067	-0.0070	-0.0073	8.42E+05	0.564
3032.900	6202	0	33664	0.0067	-0.0070	-0.0073	8.44E+05	0.565
3033.900	6201	0	33664	0.0067	-0.0070	-0.0073	8.75E+05	0.565
3034.900	6199	0	33737	0.0067	-0.0070	-0.0073	9.17E+05	0.561
3035.900	6200	0	33627	0.0067	-0.0070	-0.0073	9.49E+05	0.564
3036.900	6200	0	33664	0.0067	-0.0070	-0.0073	9.82E+05	0.560
3037.900	6200	0	33701	0.0067	-0.0070	-0.0073	1.02E+06	0.556
3038.900	6200	0	33664	0.0067	-0.0070	-0.0073	1.07E+06	0.557
3039.900	6201	0	33701	0.0067	-0.0070	-0.0073	1.11E+06	0.557
3040.900	6200	0	33701	0.0067	-0.0070	-0.0073	1.18E+06	0.552
3041.900	6201	0	33701	0.0067	-0.0070	-0.0073	1.23E+06	0.553
3042.900	6199	0	33664	0.0067	-0.0070	-0.0073	1.29E+06	0.554
3043.900	6199	0	33664	0.0067	-0.0070	-0.0073	1.33E+06	0.548
3044.900	6199	0	33664	0.0067	-0.0070	-0.0073	1.34E+06	0.550
3045.900	6200	0	33737	0.0067	-0.0070	-0.0074	1.36E+06	0.554
3046.900	6200	0	33774	0.0067	-0.0070	-0.0073	1.38E+06	0.545
3047.900	6200	0	33737	0.0068	-0.0070	-0.0073	1.39E+06	0.549
3048.900	6199	0	33701	0.0067	-0.0070	-0.0073	1.40E+06	0.549
3049.900	6200	0	33737	0.0067	-0.0070	-0.0073	1.44E+06	0.549
3050.900	6199	0	33737	0.0067	-0.0070	-0.0073	1.50E+06	0.551
3051.900	6199	0	33737	0.0067	-0.0070	-0.0073	1.57E+06	0.557
3052.900	6199	0	33774	0.0068	-0.0070	-0.0073	1.57E+06	0.550
3053.900	6200	0	33847	0.0068	-0.0071	-0.0073	1.61E+06	0.554
3054.900	6199	0	33774	0.0068	-0.0071	-0.0073	1.62E+06	0.557
3055.900	6199	0	33737	0.0068	-0.0071	-0.0073	1.57E+06	0.552
3056.900	6201	0	33847	0.0068	-0.0071	-0.0073	1.56E+06	0.557
3057.900	6201	0	33774	0.0068	-0.0071	-0.0073	1.54E+06	0.560
3058.900	6199	0	33811	0.0068	-0.0071	-0.0074	1.51E+06	0.558
3059.900	6199	0	33847	0.0068	-0.0071	-0.0073	1.48E+06	0.560
3060.900	6199	0	33811	0.0068	-0.0071	-0.0074	1.53E+06	0.561
3061.890	6199	0	33847	0.0068	-0.0071	-0.0073	1.48E+06	0.557
3062.890	6200	0	33811	0.0068	-0.0071	-0.0073	1.47E+06	0.560
3063.890	6200	0	33847	0.0068	-0.0071	-0.0074	1.49E+06	0.563
3064.890	6200	0	33884	0.0068	-0.0071	-0.0074	1.45E+06	0.561
3065.890	6199	0	33957	0.0068	-0.0071	-0.0073	1.42E+06	0.561
3066.890	6199	0	33884	0.0068	-0.0071	-0.0074	1.43E+06	0.565
3067.890	6199	0	33920	0.0068	-0.0071	-0.0073	1.39E+06	0.563
3068.890	6199	0	33957	0.0068	-0.0071	-0.0073	1.34E+06	0.564
3069.890	6199	0	33920	0.0068	-0.0071	-0.0074	1.29E+06	0.565
3070.890	6200	0	33920	0.0068	-0.0071	-0.0074	1.20E+06	0.560
3071.890	6199	0	33957	0.0069	-0.0071	-0.0073	1.21E+06	0.566
3072.890	6199	0	33920	0.0068	-0.0071	-0.0074	1.23E+06	0.572
3073.890	6200	0	33884	0.0068	-0.0071	-0.0074	1.18E+06	0.566
3074.890	6199	0	33994	0.0069	-0.0071	-0.0074	1.13E+06	0.569
3075.890	6201	0	33994	0.0069	-0.0071	-0.0074	1.11E+06	0.568
3076.890	6201	0	33994	0.0069	-0.0071	-0.0074	1.04E+06	0.565
3077.890	6199	0	33994	0.0069	-0.0071	-0.0073	9.97E+05	0.571
3078.890	6200	0	33994	0.0069	-0.0071	-0.0074	9.64E+05	0.574
3079.890	6200	0	33957	0.0069	-0.0071	-0.0074	9.40E+05	0.574
3080.890	6199	0	33884	0.0069	-0.0071	-0.0074	9.04E+05	0.579
3081.890	6199	0	33957	0.0069	-0.0071	-0.0074	8.46E+05	0.583
3082.890	6199	0	33957	0.0069	-0.0071	-0.0074	8.42E+05	0.583
3083.890	6199	0	33957	0.0069	-0.0071	-0.0073	7.90E+05	0.588
3084.890	6200	0	33920	0.0069	-0.0071	-0.0074	7.67E+05	0.594
3085.890	6200	0	34030	0.0069	-0.0071	-0.0074	7.33E+05	0.593
3086.890	6199	0	33994	0.0069	-0.0071	-0.0074	7.16E+05	0.600
3087.890	6199	0	33994	0.0069	-0.0071	-0.0074	6.56E+05	0.598
3088.890	6199	0	34030	0.0069	-0.0071	-0.0074	5.88E+05	0.597
3089.890	6199	0	33994	0.0070	-0.0072	-0.0074	5.42E+05	0.600
3090.890	6200	0	33994	0.0069	-0.0072	-0.0074	5.26E+05	0.602

3091.890	6199	0	34030	0.0069	-0.0072	-0.0074	5.18E+05	0.600
3092.880	6200	0	33994	0.0070	-0.0072	-0.0074	4.79E+05	0.601
3093.880	6199	0	33994	0.0070	-0.0072	-0.0074	4.72E+05	0.603
3094.880	6200	0	34030	0.0070	-0.0072	-0.0074	4.63E+05	0.604
3095.880	6200	0	33957	0.0070	-0.0072	-0.0074	4.19E+05	0.607
3096.880	6199	0	34067	0.0070	-0.0072	-0.0074	3.54E+05	0.610
3097.880	6200	0	34067	0.0070	-0.0072	-0.0074	3.25E+05	0.606
3098.880	6201	0	33994	0.0070	-0.0072	-0.0074	2.39E+05	0.609
3099.880	6199	0	34030	0.0070	-0.0072	-0.0074	1.77E+05	0.614
3100.880	6199	0	34067	0.0070	-0.0072	-0.0074	1.47E+05	0.619
3101.880	6199	0	33994	0.0070	-0.0072	-0.0074	9.83E+04	0.620
3102.880	6199	0	34030	0.0070	-0.0072	-0.0074	5.46E+04	0.623
3103.880	6199	0	34030	0.0070	-0.0072	-0.0074	1.13E+04	0.619
3104.880	6201	0	33994	0.0070	-0.0072	-0.0074	-1.47E+04	0.623
3105.880	6200	0	34030	0.0070	-0.0072	-0.0074	-5.56E+04	0.623
3106.880	6199	0	34030	0.0070	-0.0072	-0.0074	-1.60E+05	0.620
3107.880	6199	0	34067	0.0070	-0.0072	-0.0074	-2.55E+05	0.617
3108.880	6199	0	34030	0.0070	-0.0072	-0.0074	-3.59E+05	0.613
3109.880	6199	0	34067	0.0070	-0.0072	-0.0074	-5.04E+05	0.603
3110.880	6200	0	34030	0.0070	-0.0072	-0.0074	-6.59E+05	0.597
3111.880	6199	0	34103	0.0070	-0.0072	-0.0074	-8.35E+05	0.592
3112.880	6200	0	33994	0.0071	-0.0072	-0.0074	-1.07E+06	0.586
3113.880	6199	0	34030	0.0071	-0.0072	-0.0074	-1.28E+06	0.583
3114.880	6200	0	34030	0.0071	-0.0072	-0.0074	-1.48E+06	0.579
3115.880	6200	0	34067	0.0071	-0.0072	-0.0074	-1.68E+06	0.572
3116.880	6202	0	34030	0.0071	-0.0072	-0.0074	-1.89E+06	0.570
3117.880	6200	0	34030	0.0071	-0.0072	-0.0074	-2.10E+06	0.573
3118.880	6201	0	34067	0.0071	-0.0072	-0.0074	-2.29E+06	0.572
3119.880	6198	0	34030	0.0071	-0.0072	-0.0074	-2.48E+06	0.571
3120.880	6199	0	33994	0.0071	-0.0073	-0.0074	-2.69E+06	0.571
3121.880	6199	0	33957	0.0071	-0.0073	-0.0074	-2.89E+06	0.563
3122.880	6199	0	33994	0.0071	-0.0073	-0.0074	-3.06E+06	0.562
3123.880	6201	0	33920	0.0071	-0.0073	-0.0074	-3.23E+06	0.563
3124.870	6200	0	33994	0.0071	-0.0073	-0.0074	-3.40E+06	0.562
3125.870	6199	0	33957	0.0071	-0.0073	-0.0074	-3.59E+06	0.565
3126.870	6201	0	33920	0.0071	-0.0073	-0.0074	-3.72E+06	0.566
3127.870	6200	0	33920	0.0071	-0.0073	-0.0074	-3.88E+06	0.564
3128.870	6200	0	33920	0.0071	-0.0073	-0.0074	-4.03E+06	0.567
3129.870	6200	0	33957	0.0072	-0.0073	-0.0074	-4.17E+06	0.568
3130.870	6200	0	33957	0.0072	-0.0073	-0.0074	-4.33E+06	0.569
3131.870	6200	0	33884	0.0072	-0.0073	-0.0074	-4.49E+06	0.573
3132.870	6201	0	33847	0.0072	-0.0073	-0.0074	-4.65E+06	0.577
3133.870	6199	0	33811	0.0072	-0.0073	-0.0074	-4.76E+06	0.578
3134.870	6200	0	33701	0.0072	-0.0073	-0.0074	-4.89E+06	0.581
3135.870	6199	0	33701	0.0072	-0.0073	-0.0074	-5.01E+06	0.584
3136.870	6199	0	33554	0.0072	-0.0073	-0.0074	-5.13E+06	0.585
3137.870	6200	0	33408	0.0073	-0.0073	-0.0074	-5.23E+06	0.588
3138.870	6200	0	33408	0.0073	-0.0073	-0.0074	-5.35E+06	0.590
3139.870	6199	0	33335	0.0073	-0.0073	-0.0074	-5.43E+06	0.590
3140.870	6201	0	33261	0.0073	-0.0074	-0.0074	-5.55E+06	0.593
3141.870	6200	0	33188	0.0073	-0.0074	-0.0074	-5.63E+06	0.594
3142.870	6199	0	33152	0.0073	-0.0074	-0.0074	-5.71E+06	0.597
3143.870	6201	0	33115	0.0073	-0.0074	-0.0074	-5.78E+06	0.598
3144.870	6199	0	33042	0.0073	-0.0074	-0.0074	-5.85E+06	0.601
3145.870	6199	0	32895	0.0073	-0.0074	-0.0074	-5.92E+06	0.605
3146.870	6200	0	32822	0.0074	-0.0074	-0.0074	-6.00E+06	0.608
3147.870	6201	0	32822	0.0073	-0.0074	-0.0074	-6.06E+06	0.610
3148.870	6202	0	32822	0.0073	-0.0074	-0.0074	-6.15E+06	0.614
3149.870	6199	0	32749	0.0074	-0.0074	-0.0074	-6.18E+06	0.615
3150.870	6200	0	32676	0.0073	-0.0074	-0.0075	-6.23E+06	0.620
3151.870	6199	0	32676	0.0073	-0.0074	-0.0075	-6.30E+06	0.627
3152.870	6200	0	32566	0.0074	-0.0074	-0.0074	-6.32E+06	0.630
3153.870	6201	0	32602	0.0074	-0.0074	-0.0075	-6.39E+06	0.638
3154.860	6199	0	32602	0.0074	-0.0074	-0.0075	-6.45E+06	0.648
3155.860	6200	0	32529	0.0074	-0.0074	-0.0075	-6.44E+06	0.657
3156.860	6199	0	32456	0.0074	-0.0074	-0.0075	-6.40E+06	0.666
3157.860	6199	0	32493	0.0074	-0.0074	-0.0075	-6.36E+06	0.677
3158.860	6201	0	32456	0.0074	-0.0074	-0.0075	-6.22E+06	0.682
3159.860	6200	0	32456	0.0074	-0.0074	-0.0075	-6.04E+06	0.686
3160.860	6199	0	32456	0.0074	-0.0074	-0.0075	-5.90E+06	0.693
3161.860	6201	0	32383	0.0074	-0.0074	-0.0075	-5.63E+06	0.694
3162.860	6200	0	32383	0.0074	-0.0074	-0.0075	-5.31E+06	0.690
3163.860	6201	0	32383	0.0074	-0.0074	-0.0075	-5.09E+06	0.689
3164.860	6201	0	32346	0.0074	-0.0074	-0.0075	-4.74E+06	0.685
3165.860	6201	0	32310	0.0074	-0.0074	-0.0075	-4.43E+06	0.685
3166.860	6200	0	32346	0.0074	-0.0074	-0.0075	-4.07E+06	0.676
3167.860	6199	0	32346	0.0074	-0.0074	-0.0075	-3.76E+06	0.677
3168.860	6199	0	32310	0.0074	-0.0074	-0.0075	-3.47E+06	0.685
3169.860	6199	0	32273	0.0074	-0.0074	-0.0075	-3.14E+06	0.685

3170.860	6201	0	32310	0.0074	-0.0075	-0.0075	-2.80E+06	0.681
3171.860	6199	0	32273	0.0074	-0.0075	-0.0075	-2.54E+06	0.679
3172.860	6200	0	32310	0.0074	-0.0075	-0.0075	-2.32E+06	0.670
3173.860	6200	0	32236	0.0074	-0.0075	-0.0075	-2.10E+06	0.666
3174.860	6199	0	32310	0.0074	-0.0075	-0.0075	-1.87E+06	0.664
3175.860	6199	0	32273	0.0074	-0.0075	-0.0075	-1.65E+06	0.662
3176.860	6200	0	32236	0.0074	-0.0075	-0.0075	-1.49E+06	0.665
3177.860	6200	0	32236	0.0075	-0.0075	-0.0075	-1.28E+06	0.666
3178.860	6199	0	32236	0.0075	-0.0075	-0.0075	-1.13E+06	0.662
3179.860	6200	0	32236	0.0074	-0.0075	-0.0075	-9.81E+05	0.667
3180.860	6199	0	32200	0.0075	-0.0075	-0.0075	-8.49E+05	0.665
3181.860	6199	0	32236	0.0075	-0.0075	-0.0075	-7.04E+05	0.661
3182.860	6201	0	32273	0.0075	-0.0075	-0.0075	-6.16E+05	0.659
3183.860	6200	0	32273	0.0075	-0.0075	-0.0075	-4.87E+05	0.661
3184.860	6201	0	32273	0.0075	-0.0075	-0.0075	-4.23E+05	0.663
3185.850	6199	0	32273	0.0075	-0.0075	-0.0075	-3.17E+05	0.666
3186.850	6199	0	32200	0.0075	-0.0075	-0.0075	-2.09E+05	0.666
3187.850	6199	0	32273	0.0075	-0.0075	-0.0075	-1.37E+05	0.661
3188.850	6202	0	32200	0.0075	-0.0075	-0.0075	-4.49E+04	0.661
3189.850	6199	0	32273	0.0075	-0.0075	-0.0075	2.59E+04	0.666
3190.850	6202	0	32273	0.0075	-0.0075	-0.0075	5.71E+04	0.665
3191.850	6199	0	32273	0.0075	-0.0075	-0.0075	7.46E+04	0.671
3192.850	6199	0	32273	0.0075	-0.0075	-0.0075	1.08E+05	0.669
3193.850	6201	0	32273	0.0075	-0.0075	-0.0075	1.19E+05	0.666
3194.850	6199	0	32236	0.0075	-0.0075	-0.0075	1.55E+05	0.668
3195.850	6198	0	32273	0.0075	-0.0075	-0.0075	1.54E+05	0.668
3196.850	6201	0	32273	0.0075	-0.0075	-0.0075	1.91E+05	0.673
3197.850	6200	0	32273	0.0075	-0.0075	-0.0075	1.72E+05	0.675
3198.850	6199	0	32273	0.0075	-0.0075	-0.0075	1.90E+05	0.677
3199.850	6200	0	32236	0.0075	-0.0075	-0.0075	1.92E+05	0.679
3200.850	6202	0	32310	0.0075	-0.0075	-0.0075	2.25E+05	0.679
3201.850	6199	0	32236	0.0076	-0.0075	-0.0075	2.59E+05	0.679
3202.850	6199	0	32310	0.0076	-0.0075	-0.0075	2.57E+05	0.681
3203.850	6200	0	32310	0.0076	-0.0075	-0.0075	2.72E+05	0.680
3204.850	6200	0	32273	0.0076	-0.0075	-0.0075	2.34E+05	0.684
3205.850	6199	0	32236	0.0076	-0.0076	-0.0075	1.84E+05	0.679
3206.850	6204	0	32310	0.0076	-0.0076	-0.0075	1.30E+05	0.682
3207.850	6200	0	32273	0.0076	-0.0076	-0.0075	1.08E+05	0.684
3208.850	6199	0	32310	0.0076	-0.0076	-0.0075	6.87E+04	0.689
3209.850	6201	0	32236	0.0076	-0.0076	-0.0075	2.82E+04	0.689
3210.850	6199	0	32310	0.0076	-0.0076	-0.0075	-2.63E+04	0.689
3211.850	6200	0	32310	0.0076	-0.0076	-0.0075	-8.03E+04	0.695
3212.850	6199	0	32310	0.0076	-0.0076	-0.0075	-1.74E+05	0.697
3213.850	6202	0	32346	0.0076	-0.0076	-0.0075	-2.69E+05	0.696
3214.850	6199	0	32310	0.0076	-0.0076	-0.0076	-3.53E+05	0.697
3215.850	6199	0	32273	0.0076	-0.0076	-0.0075	-4.34E+05	0.699
3216.850	6199	0	32273	0.0076	-0.0076	-0.0076	-5.30E+05	0.700
3217.840	6199	0	32273	0.0076	-0.0076	-0.0075	-6.12E+05	0.701
3218.840	6201	0	32236	0.0076	-0.0076	-0.0075	-6.92E+05	0.703
3219.840	6199	0	32310	0.0076	-0.0076	-0.0076	-8.00E+05	0.710
3220.840	6199	0	32273	0.0077	-0.0076	-0.0076	-9.40E+05	0.710
3221.840	6200	0	32310	0.0076	-0.0076	-0.0076	-1.02E+06	0.713
3222.840	6199	0	32236	0.0077	-0.0076	-0.0076	-1.13E+06	0.713
3223.840	6201	0	32273	0.0077	-0.0076	-0.0076	-1.22E+06	0.718
3224.840	6199	0	32310	0.0077	-0.0076	-0.0076	-1.31E+06	0.720
3225.840	6199	0	32310	0.0077	-0.0076	-0.0076	-1.40E+06	0.723
3226.840	6199	0	32346	0.0077	-0.0076	-0.0076	-1.50E+06	0.723
3227.840	6199	0	32310	0.0077	-0.0076	-0.0076	-1.62E+06	0.726
3228.840	6199	0	32346	0.0077	-0.0076	-0.0076	-1.72E+06	0.727
3229.840	6199	0	32236	0.0077	-0.0076	-0.0076	-1.82E+06	0.728
3230.840	6201	0	32236	0.0077	-0.0076	-0.0076	-1.88E+06	0.729
3231.840	6199	0	32236	0.0077	-0.0077	-0.0076	-1.96E+06	0.726
3232.840	6200	0	32273	0.0077	-0.0077	-0.0076	-2.04E+06	0.728
3233.840	6199	0	32200	0.0077	-0.0077	-0.0076	-2.13E+06	0.725
3234.840	6200	0	32200	0.0077	-0.0077	-0.0076	-2.21E+06	0.725
3235.840	6201	0	32163	0.0077	-0.0077	-0.0076	-2.31E+06	0.727
3236.840	6200	0	32163	0.0078	-0.0077	-0.0076	-2.38E+06	0.728
3237.840	6201	0	32126	0.0078	-0.0077	-0.0076	-2.45E+06	0.731
3238.840	6200	0	32053	0.0078	-0.0077	-0.0076	-2.53E+06	0.733
3239.840	6199	0	32126	0.0078	-0.0077	-0.0076	-2.57E+06	0.731
3240.840	6203	0	32053	0.0078	-0.0077	-0.0076	-2.65E+06	0.733
3241.840	6199	0	32017	0.0078	-0.0077	-0.0076	-2.74E+06	0.735
3242.840	6201	0	32017	0.0078	-0.0077	-0.0076	-2.83E+06	0.738
3243.840	6200	0	32017	0.0078	-0.0077	-0.0076	-2.92E+06	0.739
3244.840	6199	0	31943	0.0078	-0.0077	-0.0076	-2.97E+06	0.739
3245.840	6198	0	31870	0.0078	-0.0077	-0.0076	-3.04E+06	0.744
3246.840	6199	0	31943	0.0078	-0.0077	-0.0076	-3.09E+06	0.744
3247.840	6201	0	31870	0.0078	-0.0077	-0.0076	-3.16E+06	0.749
3248.830	6199	0	31907	0.0078	-0.0077	-0.0077	-3.22E+06	0.751



3249.830	6200	0	31870	0.0078	-0.0077	-0.0076	-3.29E+06	0.755
3250.830	6199	0	31870	0.0078	-0.0077	-0.0077	-3.35E+06	0.763
3251.830	6200	0	31797	0.0079	-0.0078	-0.0076	-3.41E+06	0.769
3252.830	6199	0	31760	0.0078	-0.0078	-0.0077	-3.42E+06	0.776
3253.830	6200	0	31724	0.0079	-0.0078	-0.0077	-3.47E+06	0.778
3254.830	6202	0	31687	0.0079	-0.0078	-0.0077	-3.51E+06	0.785
3255.830	6200	0	31834	0.0079	-0.0078	-0.0077	-3.59E+06	0.794
3256.830	6200	0	31760	0.0079	-0.0078	-0.0077	-3.65E+06	0.794
3257.830	6199	0	31687	0.0079	-0.0078	-0.0077	-3.73E+06	0.801
3258.830	6198	0	31650	0.0079	-0.0078	-0.0077	-3.77E+06	0.811
3259.830	6201	0	31650	0.0079	-0.0078	-0.0077	-3.85E+06	0.821
3260.830	6200	0	31650	0.0079	-0.0078	-0.0077	-3.90E+06	0.831
3261.830	6200	0	31650	0.0079	-0.0078	-0.0077	-3.96E+06	0.839
3262.830	6200	0	31614	0.0079	-0.0078	-0.0077	-4.06E+06	0.848
3263.830	6202	0	31577	0.0079	-0.0078	-0.0077	-4.15E+06	0.857
3264.830	6199	0	31577	0.0079	-0.0078	-0.0077	-4.25E+06	0.866
3265.830	6200	0	31541	0.0079	-0.0078	-0.0077	-4.34E+06	0.874
3266.830	6199	0	31504	0.0079	-0.0078	-0.0077	-4.43E+06	0.883
3267.830	6200	0	31467	0.0079	-0.0078	-0.0077	-4.53E+06	0.891
3268.830	6199	0	31431	0.0079	-0.0078	-0.0077	-4.66E+06	0.900
3269.830	6199	0	31504	0.0079	-0.0078	-0.0077	-4.74E+06	0.909
3270.830	6200	0	31431	0.0079	-0.0078	-0.0077	-4.87E+06	0.919
3271.830	6200	0	31394	0.0080	-0.0078	-0.0077	-4.97E+06	0.922
3272.830	6200	0	31394	0.0080	-0.0078	-0.0077	-5.06E+06	0.928
3273.830	6199	0	31358	0.0080	-0.0079	-0.0077	-5.20E+06	0.936
3274.830	6199	0	31284	0.0080	-0.0079	-0.0077	-5.34E+06	0.949
3275.830	6199	0	31284	0.0080	-0.0079	-0.0078	-5.43E+06	0.956
3276.830	6199	0	31211	0.0080	-0.0079	-0.0078	-5.53E+06	0.967
3277.830	6202	0	31248	0.0080	-0.0079	-0.0078	-5.65E+06	0.972
3278.830	6199	0	31101	0.0080	-0.0079	-0.0078	-5.79E+06	0.981
3279.820	6200	0	31065	0.0080	-0.0079	-0.0078	-5.92E+06	0.988
3280.820	6199	0	31028	0.0080	-0.0079	-0.0078	-6.08E+06	0.995
3281.820	6199	0	30918	0.0081	-0.0079	-0.0078	-6.15E+06	0.998
3282.820	6199	0	30882	0.0081	-0.0079	-0.0078	-6.25E+06	0.999
3283.820	6200	0	30882	0.0081	-0.0079	-0.0078	-6.37E+06	1.007
3284.820	6203	0	30808	0.0081	-0.0080	-0.0078	-6.47E+06	1.007
3285.820	6199	0	30808	0.0081	-0.0080	-0.0079	-6.61E+06	1.015
3286.820	6199	0	30699	0.0081	-0.0080	-0.0079	-6.72E+06	1.018
3287.820	6200	0	30552	0.0081	-0.0080	-0.0079	-6.83E+06	1.023
3288.820	6200	0	30516	0.0081	-0.0080	-0.0079	-6.93E+06	1.024
3289.820	6199	0	30479	0.0081	-0.0080	-0.0079	-7.09E+06	1.032
3290.820	6201	0	30369	0.0081	-0.0080	-0.0079	-7.18E+06	1.032
3291.820	6199	0	30332	0.0082	-0.0080	-0.0079	-7.29E+06	1.033
3292.820	6199	0	30259	0.0082	-0.0080	-0.0079	-7.44E+06	1.039
3293.820	6200	0	30113	0.0082	-0.0080	-0.0079	-7.57E+06	1.045
3294.820	6199	0	30113	0.0082	-0.0081	-0.0079	-7.71E+06	1.047
3295.820	6199	0	29966	0.0082	-0.0081	-0.0080	-7.81E+06	1.051
3296.820	6202	0	29930	0.0082	-0.0081	-0.0080	-7.95E+06	1.055
3297.820	6201	0	29857	0.0082	-0.0081	-0.0080	-8.04E+06	1.053
3298.820	6199	0	29674	0.0082	-0.0081	-0.0080	-8.14E+06	1.054
3299.820	6199	0	29637	0.0082	-0.0081	-0.0080	-8.24E+06	1.055
3300.820	6199	0	29637	0.0082	-0.0081	-0.0080	-8.38E+06	1.058
3301.820	6200	0	29564	0.0082	-0.0081	-0.0080	-8.49E+06	1.061
3302.820	6201	0	29381	0.0083	-0.0082	-0.0080	-8.63E+06	1.064
3303.820	6200	0	29307	0.0083	-0.0082	-0.0080	-8.74E+06	1.068
3304.820	6199	0	29234	0.0083	-0.0082	-0.0081	-8.87E+06	1.069
3305.820	6199	0	29088	0.0083	-0.0082	-0.0081	-8.99E+06	1.073
3306.820	6199	0	29088	0.0083	-0.0082	-0.0081	-9.06E+06	1.067
3307.820	6201	0	28978	0.0083	-0.0082	-0.0081	-9.16E+06	1.065
3308.820	6201	0	28978	0.0083	-0.0082	-0.0081	-9.26E+06	1.062
3309.820	6200	0	28868	0.0083	-0.0082	-0.0081	-9.33E+06	1.061
3310.820	6199	0	28831	0.0083	-0.0082	-0.0081	-9.42E+06	1.060
3311.810	6199	0	28722	0.0083	-0.0082	-0.0081	-9.46E+06	1.058
3312.810	6199	0	28685	0.0083	-0.0082	-0.0081	-9.50E+06	1.054
3313.810	6202	0	28648	0.0083	-0.0082	-0.0081	-9.58E+06	1.053
3314.810	6199	0	28538	0.0083	-0.0082	-0.0081	-9.59E+06	1.045
3315.810	6199	0	28538	0.0083	-0.0082	-0.0081	-9.66E+06	1.045
3316.810	6200	0	28465	0.0083	-0.0082	-0.0081	-9.64E+06	1.036
3317.810	6201	0	28429	0.0083	-0.0082	-0.0081	-9.59E+06	1.028
3318.810	6200	0	28465	0.0083	-0.0082	-0.0082	-9.54E+06	1.022
3319.810	6201	0	28355	0.0084	-0.0082	-0.0081	-9.47E+06	1.009
3320.810	6201	0	28392	0.0083	-0.0083	-0.0082	-9.35E+06	1.001
3321.810	6199	0	28319	0.0084	-0.0082	-0.0081	-9.16E+06	0.986
3322.810	6199	0	28319	0.0084	-0.0083	-0.0081	-8.82E+06	0.963
3323.810	6198	0	28282	0.0084	-0.0083	-0.0081	-8.54E+06	0.944
3324.810	6200	0	28209	0.0084	-0.0083	-0.0082	-8.34E+06	0.933
3325.810	6199	0	28209	0.0084	-0.0083	-0.0082	-7.92E+06	0.916
3326.810	6200	0	28209	0.0084	-0.0083	-0.0082	-7.36E+06	0.897
3327.810	6199	0	28172	0.0084	-0.0083	-0.0082	-6.87E+06	0.887

					3328.810	6199	0	28172	0.0084	-0.0083	-0.0082	-6.34E+06	0.867
					3329.810	6199	0	28099	0.0084	-0.0083	-0.0082	-5.87E+06	0.857
					3330.810	6199	0	28209	0.0084	-0.0083	-0.0082	-5.34E+06	0.846
					3331.810	6199	0	28099	0.0084	-0.0083	-0.0081	-4.93E+06	0.839
					3332.810	6200	0	28136	0.0084	-0.0083	-0.0082	-4.51E+06	0.835
					3333.810	6199	0	28063	0.0084	-0.0083	-0.0082	-4.13E+06	0.827
					3334.810	6199	0	28136	0.0084	-0.0083	-0.0082	-3.67E+06	0.827
					3335.810	6199	0	28063	0.0084	-0.0083	-0.0082	-3.33E+06	0.821
					3336.810	6200	0	28063	0.0084	-0.0083	-0.0082	-2.96E+06	0.815
					3337.810	6199	0	28063	0.0084	-0.0083	-0.0082	-2.70E+06	0.809
					3338.810	6199	0	28099	0.0084	-0.0083	-0.0082	-2.42E+06	0.808
					3339.810	6201	0	28063	0.0084	-0.0083	-0.0082	-2.23E+06	0.812
					3340.810	6200	0	28099	0.0084	-0.0083	-0.0082	-2.06E+06	0.820
					3341.810	6201	0	28063	0.0084	-0.0083	-0.0082	-1.92E+06	0.817
					3342.800	6199	0	28099	0.0084	-0.0083	-0.0082	-1.81E+06	0.816
					3343.800	6201	0	28099	0.0084	-0.0083	-0.0082	-1.68E+06	0.817
					3344.800	6199	0	28063	0.0084	-0.0083	-0.0082	-1.53E+06	0.826
					3345.800	6199	0	28063	0.0084	-0.0083	-0.0082	-1.48E+06	0.825
					3346.800	6201	0	28099	0.0084	-0.0083	-0.0082	-1.41E+06	0.832
					3347.800	6200	0	28136	0.0084	-0.0083	-0.0082	-1.36E+06	0.834
					3348.800	6200	0	27989	0.0084	-0.0083	-0.0082	-1.33E+06	0.832
					3349.800	6201	0	28063	0.0084	-0.0083	-0.0082	-1.29E+06	0.839
					3350.800	6201	0	28099	0.0085	-0.0083	-0.0082	-1.33E+06	0.840
					3351.800	6199	0	28136	0.0085	-0.0083	-0.0082	-1.32E+06	0.844
					3352.800	6199	0	28063	0.0085	-0.0083	-0.0082	-1.34E+06	0.848
					3353.800	6200	0	28063	0.0085	-0.0083	-0.0082	-1.37E+06	0.850
					3354.800	6200	0	28063	0.0085	-0.0083	-0.0082	-1.37E+06	0.853
					3355.800	6200	0	28063	0.0085	-0.0083	-0.0082	-1.40E+06	0.858
					3356.800	6200	0	28026	0.0085	-0.0084	-0.0082	-1.42E+06	0.865
					3357.800	6200	0	28026	0.0085	-0.0084	-0.0082	-1.49E+06	0.866
					3358.800	6199	0	27989	0.0085	-0.0084	-0.0082	-1.51E+06	0.867
					3359.800	6199	0	28063	0.0085	-0.0084	-0.0082	-1.56E+06	0.869
					3360.800	6200	0	27989	0.0085	-0.0084	-0.0082	-1.60E+06	0.874
					3361.800	6200	0	27953	0.0085	-0.0084	-0.0082	-1.70E+06	0.878
					3362.800	6200	0	27953	0.0085	-0.0084	-0.0082	-1.75E+06	0.877
					3363.800	6200	0	27989	0.0085	-0.0084	-0.0082	-1.85E+06	0.883
					3364.800	6201	0	27989	0.0085	-0.0084	-0.0083	-1.93E+06	0.888
					3365.800	6199	0	27989	0.0085	-0.0084	-0.0083	-1.97E+06	0.885
					3366.800	6200	0	27916	0.0085	-0.0084	-0.0083	-2.03E+06	0.894
					3367.800	6200	0	27916	0.0085	-0.0084	-0.0083	-2.07E+06	0.892
					3368.800	6201	0	27953	0.0085	-0.0084	-0.0083	-2.14E+06	0.895
					3369.800	6200	0	27953	0.0085	-0.0084	-0.0083	-2.19E+06	0.899
					3370.800	6201	0	27880	0.0086	-0.0084	-0.0083	-2.27E+06	0.902
					3371.800	6200	0	27880	0.0086	-0.0084	-0.0083	-2.31E+06	0.910
					3372.800	6201	0	27880	0.0086	-0.0084	-0.0083	-2.36E+06	0.912
					3373.790	6201	0	27843	0.0086	-0.0084	-0.0083	-2.37E+06	0.913
					3374.790	6200	0	27880	0.0086	-0.0084	-0.0083	-2.45E+06	0.915
					3375.790	6199	0	27770	0.0086	-0.0084	-0.0083	-2.53E+06	0.917
					3376.790	6199	0	27843	0.0086	-0.0085	-0.0083	-2.56E+06	0.919
					3377.790	6199	0	27770	0.0086	-0.0085	-0.0083	-2.58E+06	0.917
					3378.790	6201	0	27770	0.0086	-0.0085	-0.0083	-2.61E+06	0.915
					3379.790	6200	0	27806	0.0086	-0.0085	-0.0083	-2.65E+06	0.914
					3380.790	6199	0	27806	0.0086	-0.0085	-0.0083	-2.70E+06	0.915
					3381.790	6200	0	27733	0.0086	-0.0085	-0.0083	-2.74E+06	0.914
					3382.790	6200	0	27660	0.0086	-0.0085	-0.0084	-2.80E+06	0.917
					3383.790	6199	0	27733	0.0086	-0.0085	-0.0083	-2.85E+06	0.921
					3384.790	6200	0	27697	0.0086	-0.0085	-0.0084	-2.89E+06	0.920
					3385.790	6202	0	27660	0.0086	-0.0085	-0.0084	-2.91E+06	0.925
					3386.790	6199	0	27587	0.0087	-0.0085	-0.0084	-2.97E+06	0.925
					3387.790	6199	0	27623	0.0087	-0.0085	-0.0084	-3.00E+06	0.923
					3388.790	6200	0	27550	0.0087	-0.0085	-0.0084	-3.03E+06	0.920
					3389.790	6199	0	27513	0.0087	-0.0085	-0.0084	-3.04E+06	0.913
					3390.790	6200	0	27587	0.0087	-0.0085	-0.0084	-3.07E+06	0.916
					3391.790	6201	0	27550	0.0087	-0.0085	-0.0084	-3.09E+06	0.921
					3392.790	6199	0	27550	0.0087	-0.0085	-0.0084	-3.08E+06	0.916
					3393.790	6200	0	27477	0.0087	-0.0085	-0.0084	-3.08E+06	0.911
					3394.790	6199	0	27477	0.0087	-0.0086	-0.0084	-3.08E+06	0.910
					3395.790	6200	0	27440	0.0087	-0.0086	-0.0084	-3.08E+06	0.906
					3396.790	6200	0	27513	0.0087	-0.0086	-0.0084	-3.06E+06	0.904
					3397.790	6200	0	27440	0.0087	-0.0086	-0.0084	-3.08E+06	0.903
					3398.790	6200	0	27440	0.0087	-0.0086	-0.0084	-3.05E+06	0.900
					3399.790	6200	0	27404	0.0087	-0.0086	-0.0084	-3.03E+06	0.897
					3400.790	6199	0	27330	0.0087	-0.0086	-0.0084	-3.04E+06	0.903
					3401.790	6200	0	27367	0.0087	-0.0086	-0.0085	-3.04E+06	0.899
					3402.790	6201	0	27330	0.0087	-0.0086	-0.0084	-3.03E+06	0.899
					3403.790	6199	0	27330	0.0088	-0.0086	-0.0084	-3.00E+06	0.895
					3404.780	6199	0	27294	0.0088	-0.0086	-0.0085	-2.98E+06	0.891
					3405.780	6200	0	27257	0.0088	-0.0086	-0.0085	-2.93E+06	0.891
					3406.780	6199	0	27221	0.0088	-0.0086	-0.0085	-2.87E+06	0.883

3407.780	6199	0	27221	0.0088	-0.0086	-0.0085	-2.85E+06	0.881
3408.780	6199	0	27221	0.0088	-0.0086	-0.0085	-2.85E+06	0.882
3409.780	6201	0	27221	0.0088	-0.0086	-0.0085	-2.78E+06	0.877
3410.780	6199	0	27221	0.0088	-0.0086	-0.0085	-2.72E+06	0.873
3411.780	6200	0	27147	0.0088	-0.0086	-0.0085	-2.69E+06	0.874
3412.780	6201	0	27184	0.0088	-0.0086	-0.0085	-2.68E+06	0.875
3413.780	6200	0	27147	0.0088	-0.0086	-0.0085	-2.66E+06	0.871
3414.780	6201	0	27111	0.0088	-0.0087	-0.0085	-2.64E+06	0.873
3415.780	6202	0	27111	0.0088	-0.0087	-0.0085	-2.65E+06	0.870
3416.780	6200	0	27111	0.0088	-0.0087	-0.0085	-2.55E+06	0.863
3417.780	6199	0	27147	0.0088	-0.0087	-0.0085	-2.52E+06	0.864
3418.780	6199	0	27111	0.0088	-0.0087	-0.0085	-2.49E+06	0.859
3419.780	6199	0	27037	0.0088	-0.0087	-0.0085	-2.46E+06	0.854
3420.780	6202	0	27001	0.0089	-0.0087	-0.0085	-2.43E+06	0.854
3421.780	6201	0	27111	0.0088	-0.0087	-0.0085	-2.40E+06	0.851
3422.780	6199	0	27001	0.0089	-0.0087	-0.0085	-2.34E+06	0.854
3423.780	6199	0	27037	0.0089	-0.0087	-0.0085	-2.32E+06	0.857
3424.780	6199	0	27037	0.0089	-0.0087	-0.0085	-2.27E+06	0.857
3425.780	6199	0	26964	0.0089	-0.0087	-0.0085	-2.22E+06	0.855
3426.780	6199	0	26964	0.0089	-0.0087	-0.0085	-2.18E+06	0.852
3427.780	6201	0	26928	0.0089	-0.0087	-0.0086	-2.15E+06	0.861
3428.780	6201	0	27001	0.0089	-0.0087	-0.0085	-2.15E+06	0.862
3429.780	6199	0	26964	0.0089	-0.0087	-0.0086	-2.13E+06	0.861
3430.780	6199	0	27001	0.0089	-0.0087	-0.0086	-2.11E+06	0.864
3431.780	6200	0	26928	0.0089	-0.0087	-0.0086	-2.08E+06	0.861
3432.780	6200	0	26891	0.0089	-0.0087	-0.0086	-2.07E+06	0.860
3433.780	6200	0	26928	0.0089	-0.0087	-0.0086	-2.07E+06	0.858
3434.780	6200	0	26928	0.0089	-0.0087	-0.0086	-2.03E+06	0.859
3435.780	6201	0	26928	0.0089	-0.0087	-0.0086	-1.98E+06	0.854
3436.770	6201	0	26891	0.0089	-0.0088	-0.0086	-1.96E+06	0.858
3437.770	6198	0	26891	0.0089	-0.0088	-0.0086	-1.96E+06	0.858
3438.770	6199	0	26818	0.0089	-0.0088	-0.0086	-1.94E+06	0.863
3439.770	6199	0	26891	0.0089	-0.0088	-0.0086	-1.92E+06	0.866
3440.770	6199	0	26781	0.0090	-0.0088	-0.0086	-1.91E+06	0.862
3441.770	6201	0	26928	0.0090	-0.0088	-0.0086	-1.92E+06	0.860
3442.770	6201	0	26818	0.0089	-0.0088	-0.0086	-1.94E+06	0.865
3443.770	6201	0	26745	0.0090	-0.0088	-0.0086	-1.91E+06	0.865
3444.770	6201	0	26818	0.0090	-0.0088	-0.0086	-1.90E+06	0.863
3445.770	6200	0	26781	0.0090	-0.0088	-0.0086	-1.87E+06	0.863
3446.770	6199	0	26781	0.0090	-0.0088	-0.0086	-1.90E+06	0.861
3447.770	6199	0	26781	0.0090	-0.0088	-0.0086	-1.86E+06	0.865
3448.770	6200	0	26745	0.0090	-0.0088	-0.0086	-1.89E+06	0.865
3449.770	6199	0	26745	0.0090	-0.0088	-0.0086	-1.87E+06	0.864
3450.770	6201	0	26745	0.0090	-0.0088	-0.0086	-1.82E+06	0.861
3451.770	6200	0	26781	0.0090	-0.0088	-0.0086	-1.86E+06	0.865
3452.770	6200	0	26745	0.0090	-0.0088	-0.0087	-1.86E+06	0.865
3453.770	6199	0	26671	0.0090	-0.0088	-0.0087	-1.86E+06	0.864
3454.770	6199	0	26671	0.0090	-0.0088	-0.0087	-1.84E+06	0.862
3455.770	6199	0	26671	0.0090	-0.0088	-0.0087	-1.82E+06	0.856
3456.770	6199	0	26708	0.0090	-0.0088	-0.0087	-1.82E+06	0.862
3457.770	6200	0	26671	0.0090	-0.0089	-0.0087	-1.81E+06	0.859
3458.770	6199	0	26635	0.0091	-0.0089	-0.0087	-1.84E+06	0.859
3459.770	6200	0	26708	0.0090	-0.0089	-0.0087	-1.84E+06	0.858
3460.770	6199	0	26671	0.0091	-0.0089	-0.0087	-1.82E+06	0.863
3461.770	6198	0	26635	0.0091	-0.0089	-0.0087	-1.78E+06	0.864
3462.770	6200	0	26635	0.0091	-0.0089	-0.0087	-1.77E+06	0.866
3463.770	6201	0	26635	0.0091	-0.0089	-0.0087	-1.75E+06	0.873
3464.770	6199	0	26635	0.0091	-0.0089	-0.0087	-1.75E+06	0.867
3465.770	6199	0	26598	0.0091	-0.0089	-0.0087	-1.73E+06	0.872
3466.770	6200	0	26525	0.0091	-0.0089	-0.0087	-1.76E+06	0.875
3467.760	6200	0	26525	0.0091	-0.0089	-0.0087	-1.70E+06	0.867
3468.760	6199	0	26561	0.0091	-0.0089	-0.0087	-1.71E+06	0.874
3469.760	6200	0	26525	0.0091	-0.0089	-0.0087	-1.70E+06	0.871
3470.760	6199	0	26635	0.0091	-0.0089	-0.0087	-1.68E+06	0.868
3471.760	6199	0	26488	0.0091	-0.0089	-0.0087	-1.69E+06	0.871
3472.760	6200	0	26561	0.0091	-0.0089	-0.0087	-1.70E+06	0.872
3473.760	6200	0	26452	0.0091	-0.0089	-0.0087	-1.71E+06	0.867
3474.760	6200	0	26525	0.0091	-0.0089	-0.0087	-1.70E+06	0.872
3475.760	6199	0	26561	0.0091	-0.0089	-0.0087	-1.68E+06	0.868
3476.760	6199	0	26415	0.0091	-0.0089	-0.0087	-1.68E+06	0.870
3477.760	6200	0	26488	0.0092	-0.0089	-0.0087	-1.65E+06	0.869
3478.760	6200	0	26488	0.0092	-0.0090	-0.0087	-1.62E+06	0.866
3479.760	6199	0	26452	0.0092	-0.0090	-0.0088	-1.63E+06	0.867
3480.760	6202	0	26452	0.0092	-0.0090	-0.0087	-1.64E+06	0.867
3481.760	6201	0	26415	0.0092	-0.0090	-0.0088	-1.66E+06	0.870
3482.760	6200	0	26415	0.0092	-0.0090	-0.0088	-1.65E+06	0.870
3483.760	6199	0	26378	0.0092	-0.0090	-0.0088	-1.65E+06	0.873
3484.760	6199	0	26378	0.0092	-0.0090	-0.0088	-1.65E+06	0.871
3485.760	6199	0	26452	0.0092	-0.0090	-0.0088	-1.62E+06	0.871

3486.760	6200	0	26452	0.0092	-0.0090	-0.0088	-1.59E+06	0.872
3487.760	6200	0	26415	0.0092	-0.0090	-0.0088	-1.56E+06	0.871
3488.760	6201	0	26415	0.0092	-0.0090	-0.0088	-1.55E+06	0.876
3489.760	6199	0	26378	0.0092	-0.0090	-0.0088	-1.53E+06	0.878
3490.760	6199	0	26378	0.0092	-0.0090	-0.0088	-1.54E+06	0.885
3491.760	6199	0	26342	0.0092	-0.0090	-0.0088	-1.51E+06	0.875
3492.760	6200	0	26342	0.0092	-0.0090	-0.0088	-1.54E+06	0.876
3493.760	6202	0	26342	0.0092	-0.0090	-0.0088	-1.55E+06	0.877
3494.760	6199	0	26378	0.0092	-0.0090	-0.0088	-1.56E+06	0.882
3495.760	6200	0	26342	0.0092	-0.0090	-0.0088	-1.58E+06	0.885
3496.760	6200	0	26305	0.0092	-0.0090	-0.0088	-1.55E+06	0.885
3497.760	6199	0	26269	0.0092	-0.0090	-0.0088	-1.57E+06	0.883
3498.750	6201	0	26232	0.0093	-0.0090	-0.0088	-1.56E+06	0.889
3499.750	6199	0	26342	0.0093	-0.0091	-0.0088	-1.58E+06	0.894
3500.750	6202	0	26305	0.0093	-0.0091	-0.0088	-1.60E+06	0.900
3501.750	6201	0	26269	0.0093	-0.0091	-0.0088	-1.56E+06	0.900
3502.750	6200	0	26269	0.0093	-0.0091	-0.0088	-1.59E+06	0.904
3503.750	6200	0	26269	0.0093	-0.0091	-0.0088	-1.60E+06	0.903
3504.750	6201	0	26269	0.0093	-0.0091	-0.0088	-1.61E+06	0.904
3505.750	6200	0	26232	0.0093	-0.0091	-0.0089	-1.60E+06	0.897
3506.750	6199	0	26195	0.0093	-0.0091	-0.0089	-1.58E+06	0.893
3507.750	6199	0	26232	0.0093	-0.0091	-0.0089	-1.59E+06	0.891
3508.750	6199	0	26195	0.0093	-0.0091	-0.0089	-1.63E+06	0.889
3509.750	6199	0	26232	0.0093	-0.0091	-0.0089	-1.68E+06	0.889
3510.750	6200	0	26195	0.0093	-0.0091	-0.0089	-1.71E+06	0.886
3511.750	6199	0	26232	0.0093	-0.0091	-0.0089	-1.67E+06	0.886
3512.750	6199	0	26232	0.0093	-0.0091	-0.0089	-1.63E+06	0.887
3513.750	6199	0	26195	0.0093	-0.0091	-0.0089	-1.64E+06	0.889
3514.750	6199	0	26195	0.0093	-0.0091	-0.0089	-1.61E+06	0.894
3515.750	6199	0	26122	0.0093	-0.0091	-0.0089	-1.62E+06	0.890
3516.750	6201	0	26159	0.0094	-0.0091	-0.0089	-1.63E+06	0.890
3517.750	6200	0	26122	0.0094	-0.0091	-0.0089	-1.63E+06	0.890
3518.750	6201	0	26159	0.0094	-0.0091	-0.0089	-1.59E+06	0.881
3519.750	6201	0	26122	0.0094	-0.0091	-0.0089	-1.58E+06	0.886
3520.750	6199	0	26122	0.0094	-0.0091	-0.0089	-1.52E+06	0.886
3521.750	6199	0	26086	0.0094	-0.0092	-0.0089	-1.50E+06	0.891
3522.750	6199	0	26086	0.0094	-0.0092	-0.0089	-1.50E+06	0.893
3523.750	6199	0	26122	0.0094	-0.0092	-0.0089	-1.52E+06	0.897
3524.750	6199	0	26122	0.0094	-0.0092	-0.0090	-1.55E+06	0.895
3525.750	6200	0	26049	0.0094	-0.0092	-0.0089	-1.53E+06	0.900
3526.750	6199	0	26086	0.0094	-0.0092	-0.0090	-1.51E+06	0.896
3527.750	6199	0	26086	0.0094	-0.0092	-0.0090	-1.52E+06	0.899
3528.750	6202	0	26012	0.0094	-0.0092	-0.0090	-1.52E+06	0.900
3529.740	6200	0	26012	0.0094	-0.0092	-0.0090	-1.49E+06	0.890
3530.740	6199	0	26049	0.0094	-0.0092	-0.0090	-1.47E+06	0.886
3531.740	6199	0	26049	0.0094	-0.0092	-0.0090	-1.47E+06	0.883
3532.740	6201	0	26012	0.0094	-0.0092	-0.0090	-1.48E+06	0.879
3533.740	6199	0	25939	0.0094	-0.0092	-0.0090	-1.47E+06	0.878
3534.740	6199	0	25939	0.0094	-0.0092	-0.0090	-1.49E+06	0.880
3535.740	6199	0	25976	0.0095	-0.0092	-0.0090	-1.47E+06	0.878
3536.740	6200	0	26012	0.0095	-0.0092	-0.0090	-1.46E+06	0.874
3537.740	6199	0	26012	0.0095	-0.0092	-0.0090	-1.43E+06	0.879
3538.740	6201	0	25939	0.0095	-0.0092	-0.0090	-1.37E+06	0.878
3539.740	6200	0	26012	0.0095	-0.0092	-0.0090	-1.35E+06	0.883
3540.740	6201	0	25903	0.0095	-0.0092	-0.0090	-1.31E+06	0.886
3541.740	6199	0	25903	0.0095	-0.0093	-0.0090	-1.35E+06	0.899
3542.740	6200	0	25939	0.0095	-0.0093	-0.0090	-1.31E+06	0.882
3543.740	6199	0	25976	0.0095	-0.0093	-0.0090	-1.31E+06	0.880
3544.740	6199	0	25939	0.0095	-0.0093	-0.0090	-1.26E+06	0.872
3545.740	6199	0	26012	0.0095	-0.0093	-0.0090	-1.24E+06	0.875
3546.740	6201	0	25939	0.0095	-0.0093	-0.0091	-1.20E+06	0.871