

25BA021 (Stage 1)									25BA021 (Stage 2)									25BA021 (Stage 3)									25BA021 (Stage 4)								
Time	Pc	Pp	Diff.	Axial	Radial	Volume	Young's	Poisson's	Time	Pc	Pp	Diff.	Axial	Radial	Volume	Young's	Poisson's	Time	Pc	Pp	Diff.	Axial	Radial	Volume	Young's	Poisson's	Time	Pc	Pp	Diff.	Axial	Radial	Volume	Young's	Poisson's
[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]	[-]
1398.920	1199	0	0	0.0000	0.0000	0.0000			987.570	2200	0	0	0.0000	0.0000	0.0000			1716.410	4201	0	0	0.0000	0.0000	0.0000			2673.190	6199	0	0	0.0000	0.0000	0.0000		
1400.210	1202	0	-36	0.0000	0.0000	0.0000			988.570	2199	0	36	0.0000	0.0000	0.0000			1717.410	4201	0	-36	0.0000	0.0000	0.0000			2674.190	6201	0	73	0.0000	0.0000	0.0000		
1401.210	1200	0	-36	0.0000	0.0000	0.0000			989.569	2201	0	-36	0.0000	0.0000	0.0000			1718.410	4201	0	-73	0.0000	0.0000	0.0000			2675.190	6199	0	73	0.0000	0.0000	0.0000		
1402.210	1200	0	0	0.0000	0.0000	0.0000			990.569	2201	0	36	0.0000	0.0000	0.0000			1719.410	4202	0	36	0.0000	0.0000	0.0000			2676.190	6199	0	36	0.0000	0.0000	0.0000		
1403.210	1200	0	73	0.0000	0.0000	0.0000			991.569	2201	0	219	0.0000	0.0000	0.0000			1720.410	4201	0	-36	0.0000	0.0000	0.0000			2677.180	6200	0	109	0.0000	0.0000	0.0000		
1404.210	1202	0	182	0.0000	0.0000	0.0000			992.568	2201	0	328	0.0000	0.0000	0.0000			1721.410	4201	0	-73	0.0000	0.0000	0.0000			2678.180	6199	0	73	0.0000	0.0000	0.0000		
1405.210	1199	0	109	0.0000	0.0000	0.0000			993.568	2202	0	401	0.0001	0.0000	0.0000			1722.410	4200	0	-109	0.0000	0.0000	0.0000			2679.180	6200	0	109	0.0000	0.0000	0.0000		
1406.210	1200	0	255	0.0000	0.0000	0.0000			994.568	2200	0	401	0.0001	0.0000	0.0000			1723.410	4201	0	-109	0.0000	0.0000	0.0000			2680.180	6200	0	109	0.0000	0.0000	0.0000		
1407.200	1202	0	255	0.0000	0.0000	0.0000			995.567	2199	0	365	0.0001	0.0000	0.0000			1724.400	4199	0	0	0.0000	0.0000	0.0000			2681.180	6201	0	146	0.0000	0.0000	0.0000		
1408.200	1202	0	219	0.0000	0.0000	0.0000			996.567	2201	0	437	0.0001	0.0000	0.0000			1725.400	4200	0	-36	0.0000	0.0000	0.0000			2682.180	6199	0	109	0.0000	0.0000	0.0000		
1409.200	1200	0	328	0.0000	0.0000	0.0000			997.567	2201	0	474	0.0001	0.0000	0.0001			1726.400	4201	0	-36	0.0000	0.0000	0.0000			2683.180	6199	0	109	0.0000	0.0000	0.0000		
1410.200	1200	0	219	0.0000	0.0000	0.0000			998.566	2201	0	510	0.0001	0.0000	0.0001			1727.400	4199	0	0	0.0000	0.0000	0.0000			2684.180	6199	0	73	0.0000	0.0000	0.0000		
1411.200	1200	0	328	0.0000	0.0000	0.0000			999.566	2200	0	510	0.0001	0.0000	0.0001			1728.400	4200	0	-73	0.0000	0.0000	0.0000			2685.180	6199	0	73	0.0000	0.0000	0.0000		
1412.200	1203	0	292	0.0000	0.0000	0.0000			1000.570	2200	0	547	0.0001	0.0000	0.0001			1729.400	4200	0	0	0.0000	0.0000	0.0000			2686.180	6200	0	73	0.0000	0.0000	0.0000		
1413.200	1202	0	219	0.0000	0.0000	0.0000			1001.570	2201	0	510	0.0001	0.0000	0.0001			1730.400	4200	0	0	0.0000	0.0000	0.0000			2687.180	6200	0	73	0.0000	0.0000	0.0000		
1414.200	1202	0	292	0.0000	0.0000	0.0000			1002.570	2199	0	620	0.0001	0.0000	0.0001			1731.400	4199	0	-73	0.0000	0.0000	0.0000			2688.180	6199	0	146	0.0000	0.0000	0.0000		
1415.200	1200	0	365	0.0000	0.0000	0.0000			1003.560	2201	0	583	0.0001	0.0000	0.0001			1732.400	4201	0	-36	0.0000	0.0000	0.0000			2689.180	6199	0	109	0.0000	0.0000	0.0000		
1416.200	1200	0	255	0.0000	0.0000	0.0000			1004.560	2200	0	656	0.0001	0.0000	0.0001			1733.400	4200	0	0	0.0000	0.0000	0.0000			2690.180	6198	0	146	0.0000	0.0000	0.0000		
1417.200	1200	0	255	0.0000	0.0000	0.0000			1005.560	2200	0	656	0.0001	0.0000	0.0001			1734.400	4200	0	-36	0.0000	0.0000	0.0000			2691.180	6199	0	146	0.0000	0.0000	0.0000		
1418.200	1200	0	255	0.0000	0.0000	0.0000			1006.560	2201	0	656	0.0001	0.0000	0.0001			1735.400	4201	0	36	0.0000	0.0000	0.0000			2692.180	6199	0	146	0.0000	0.0000	0.0000		
1419.200	1201	0	255	0.0000	0.0000	0.0000			1007.560	2200	0	729	0.0001	0.0000	0.0001			1736.400	4200	0	-36	0.0000	0.0000	0.0000			2693.180	6199	0	182	0.0000	0.0000	0.0000		
1420.200	1202	0	255	0.0000	0.0000	0.0000			1008.560	2201	0	729	0.0001	0.0000	0.0001			1737.400	4201	0	0	0.0000	0.0000	0.0000			2694.180	6199	0	182	0.0000	0.0000	0.0000		
1421.200	1199	0	292	0.0000	0.0000	0.0000			1009.560	2201	0	802	0.0002	0.0000	0.0000			1738.400	4200	0	0	0.0000	0.0000	0.0000			2695.180	6200	0	182	0.0000	0.0000			

1470.550	1199	0	911	0.0002	0.0000	0.0001	5.27E+06	0.141	1059.550	2200	0	2224	0.0003	-0.0001	0.0002	7.01E+06	0.231	1788.380	4200	0	109	0.0001	0.0000	0.0000	2.88E+06	0.072	2744.930	6201	0	2151	0.0002	-0.0001	0.0001	8.45E+06	0.228
1471.550	1201	0	911	0.0002	0.0000	0.0001	5.30E+06	0.143	1060.550	2201	0	2333	0.0003	-0.0001	0.0002	7.10E+06	0.234	1789.380	4201	0	73	0.0001	0.0000	0.0000	2.77E+06	0.074	2745.930	6199	0	2114	0.0002	-0.0001	0.0001	8.46E+06	0.227
1472.550	1202	0	948	0.0002	0.0000	0.0001	5.31E+06	0.144	1061.550	2201	0	2260	0.0004	-0.0001	0.0002	7.16E+06	0.234	1790.380	4199	0	182	0.0001	0.0000	0.0000	2.85E+06	0.091	2746.930	6200	0	2260	0.0003	-0.0001	0.0001	8.49E+06	0.226
1473.550	1200	0	948	0.0002	0.0000	0.0001	5.34E+06	0.144	1062.550	2202	0	2297	0.0004	-0.0001	0.0002	7.07E+06	0.233	1791.380	4199	0	109	0.0001	0.0000	0.0000	2.72E+06	0.103	2747.930	6200	0	2297	0.0002	-0.0001	0.0001	8.56E+06	0.227
1474.550	1200	0	984	0.0002	0.0000	0.0001	5.31E+06	0.146	1063.550	2200	0	2370	0.0004	-0.0001	0.0002	7.05E+06	0.234	1792.380	4199	0	146	0.0000	0.0000	0.0000	2.77E+06	0.103	2748.930	6199	0	2224	0.0003	-0.0001	0.0001	8.55E+06	0.229
1475.550	1201	0	984	0.0002	0.0000	0.0001	5.36E+06	0.147	1064.550	2199	0	2333	0.0004	-0.0001	0.0002	7.13E+06	0.238	1793.380	4200	0	146	0.0000	0.0000	0.0000	2.70E+06	0.108	2749.920	6200	0	2370	0.0003	-0.0001	0.0001	8.55E+06	0.227
1476.550	1201	0	1094	0.0002	0.0000	0.0001	5.35E+06	0.146	1065.540	2201	0	2370	0.0004	-0.0001	0.0002	7.11E+06	0.239	1794.380	4201	0	182	0.0000	0.0000	0.0000	2.69E+06	0.104	2750.920	6200	0	2370	0.0003	-0.0001	0.0001	8.56E+06	0.226
1477.550	1200	0	1057	0.0002	0.0000	0.0001	5.34E+06	0.147	1066.540	2200	0	2442	0.0004	-0.0001	0.0002	7.16E+06	0.241	1795.380	4201	0	219	0.0001	0.0000	0.0000	2.69E+06	0.103	2751.920	6199	0	2406	0.0003	-0.0001	0.0001	8.48E+06	0.227
1478.550	1200	0	1094	0.0002	0.0000	0.0001	5.35E+06	0.148	1067.540	2201	0	2442	0.0004	-0.0001	0.0002	7.16E+06	0.243	1796.380	4201	0	182	0.0001	0.0000	0.0000	2.59E+06	0.111	2752.920	6200	0	2370	0.0003	-0.0001	0.0001	8.45E+06	0.229
1479.550	1200	0	1057	0.0002	0.0000	0.0001	5.42E+06	0.148	1068.540	2201	0	2515	0.0004	-0.0001	0.0002	7.15E+06	0.244	1797.380	4199	0	146	0.0001	0.0000	0.0000	2.75E+06	0.119	2753.920	6201	0	2443	0.0003	-0.0001	0.0001	8.41E+06	0.229
1480.550	1200	0	1203	0.0002	0.0000	0.0001	5.47E+06	0.151	1069.540	2201	0	2479	0.0004	-0.0001	0.0002	7.11E+06	0.246	1798.380	4200	0	109	0.0000	0.0000	0.0000	2.89E+06	0.124	2754.920	6199	0	2443	0.0003	-0.0001	0.0001	8.36E+06	0.233
1481.550	1200	0	1203	0.0002	0.0000	0.0001	5.42E+06	0.152	1070.540	2201	0	2442	0.0004	-0.0001	0.0002	7.14E+06	0.248	1799.380	4199	0	146	0.0000	0.0000	0.0000	2.77E+06	0.124	2755.920	6199	0	2515	0.0003	-0.0001	0.0001	8.37E+06	0.233
1482.550	1199	0	1239	0.0002	0.0000	0.0002	5.43E+06	0.153	1071.540	2201	0	2515	0.0004	-0.0001	0.0002	7.15E+06	0.248	1800.380	4200	0	109	0.0000	0.0000	0.0000	4.24E+06	0.133	2756.920	6202	0	2625	0.0003	-0.0001	0.0001	8.36E+06	0.234
1483.550	1199	0	1239	0.0002	0.0000	0.0001	5.46E+06	0.153	1072.540	2201	0	2588	0.0004	-0.0001	0.0002	7.21E+06	0.250	1801.380	4199	0	146	0.0001	0.0000	0.0000	5.36E+06	0.152	2757.920	6199	0	2515	0.0003	-0.0001	0.0002	8.26E+06	0.235
1484.550	1200	0	1203	0.0002	0.0000	0.0002	5.44E+06	0.152	1073.540	2201	0	2588	0.0004	-0.0001	0.0002	7.28E+06	0.252	1802.380	4200	0	182	0.0001	0.0000	0.0000	5.74E+06	0.164	2758.920	6200	0	2625	0.0003	-0.0001	0.0001	8.22E+06	0.237
1485.550	1201	0	1203	0.0002	0.0000	0.0002	5.47E+06	0.152	1074.540	2201	0	2734	0.0004	-0.0001	0.0002	7.18E+06	0.250	1803.380	4200	0	182	0.0001	0.0000	0.0001	6.13E+06	0.162	2759.920	6200	0	2625	0.0003	-0.0001	0.0001	8.23E+06	0.238
1486.550	1201	0	1349	0.0002	0.0000	0.0002	5.53E+06	0.155	1075.540	2201	0	2661	0.0004	-0.0001	0.0003	7.22E+06	0.251	1804.380	4200	0	109	0.0000	0.0000	0.0000	6.26E+06	0.157	2760.920	6199	0	2698	0.0003	-0.0001	0.0002	8.18E+06	0.238
1487.550	1203	0	1276	0.0002	0.0000	0.0002	5.55E+06	0.156	1076.540	2200	0	2625	0.0004	-0.0001	0.0002	7.21E+06	0.251	1805.380	4198	0	146	0.0000	0.0000	0.0000	6.34E+06	0.155	2761.920	6200	0	2698	0.0003	-0.0001	0.0002	8.17E+06	0.238
1488.550	1202	0	1385	0.0002	0.0000	0.0002	5.49E+06	0.156	1077.540	2200	0	2771	0.0004	-0.0001	0.0002	7.17E+06	0.249	1806.380	4202	0	146	0.0001	0.0000	0.0000	6.15E+06	0.156	2762.920	6200	0	2771	0.0003	-0.0001	0.0002	8.06E+06	0.239
1489.550	1201	0	1422	0.0002	0.0000	0.0002	5.43E+06	0.156	1078.540	2200	0	2771	0.0004	-0.0001	0.0002	7.13E+06	0.249	1807.380	4200	0	182	0.0001	0.0000	0.0000	5.64E+06	0.155	2763.920	6200	0	2807	0.0003	-0.0001	0.0002	7.96E+06	0.241
1490.550	1201	0	1422	0.0002	0.0000	0.0002	5.43E+06	0.157	1079.540	2200	0	2916	0.0004	-0.0001	0.0003	7.10E+06	0.247	1808.380	4200	0	182	0.0001	0.0000	0.0001	4.72E+06	0.152	2764.920	6201	0	2880	0.0003	-0.0001	0.0002	7.91E+06	0.242
1491.540	1203	0	1385	0.0002	0.0000	0.0002	5.44E+06	0.158	1080.540	2201	0	2843	0.0004	-0.0001	0.0002	7.00E+06	0.245	1809.380	4201	0	219	0.0001	0.0000	0.0001	3.99E+06	0.150	2765.920	6200	0	2844	0.0003	-0.0001	0.0002	7.92E+06	0.247
1492.540	1201	0	1495	0.0002	0.0000	0.0002	5.44E+06	0.159	1081.540	2198	0	2916	0.0005	-0.0001	0.0003	7.00E+06	0.248	1810.380	4198	0	255	0.0000	0.0000	0.0000	3.23E+06	0.146	2766.920	6199	0	2807	0.0003	-0.0001	0.0002	7.92E+06	0.250
1493.540	1200	0	1458	0.0003	0.0000	0.0002	5.41E+06	0.159	1082.540	2199	0	2843	0.0004	-0.0001	0.0003	6.91E+06	0.248	1811.380	4199	0	219	0.0000	0.0000	0.0001	2.47E+06	0.142	2767.920	6199	0	2953	0.0003	-0.0001	0.0002	7.83E+06	0.253
1494.540	1201	0	1531	0.0003	0.0000	0.0002	5.47E+06	0.163	1083.540	2198	0	3062	0.0004	-0.0001	0.0002	6.85E+06	0.245	1812.380	4201	0	182	0.0000	0.0000	0.0000	1.68E+06	0.140	2768.920	6201	0	2953	0.0003	-0.0001	0.0002	7.88E+06	0.253
1495.540	1200	0	1531	0.0003	0.0000	0.0002	5.41E+06	0.163	1084.540	2198	0	2989	0.0004	-0.0001	0.0003	6.87E+06	0.244	1813.380	4201	0	219	0.0001	0.0000	0.0001	9.60E+05	0.138	2769.920	6199	0	3026	0.0003	-0.0001	0.0002	7.89E+06	0.253
1496.540	1200	0	1531	0.0003	0.0000	0.0002	5.39E+06	0.164	1085.540	2202	0	3099	0.0004	-0.0001	0.0003	6.93E+06	0.245	1814.380	4200	0	219	0.0001	0.0000	0.0001	3.19E+05	0.135	2770.920	6199	0	3062	0.0003	-0.0001	0.0002	7.83E+06	0.253
1497.540	1199	0	1567	0.0003	0.0000	0.0002	5.34E+06	0.164	1086.540	2200	0	3135	0.0005	-0.0001	0.0003	6.93E+06	0.245	1815.030	4202	0	219	0.0001	0.0000	0.0001	-1.99E+05	0.134	2771.920	6199	0	3062	0.0003	-0.0001	0.0002	7.74E+06	0.253
1498.540	1201	0	1640	0.0003	0.0000	0.0002	5.33E+06	0.166	1087.540	2201	0	3062	0.0005	-0.0001	0.0003	6.82E+06	0.244	1816.030	4199	0	219	0.0001	0.0000	0.0001	-5.97E+05	0.132	2772.920	6199	0	3062	0.0003	-0.0001	0.0002	7.65E+06	0.252
1499.540	1201	0	1531	0.0003	0.0000	0.0002	5.31E+06	0.166	1088.540	2200	0	2989	0.0005	-0.0001	0.0003	6.87E+06	0.245	1817.030	4200	0	255	0.0001	0.0000	0.0000	-8.03E+05	0.132	2773.920	6199	0	3135	0.0003	-0.0001	0.0002	7.67E+06	0.252
1500.540	1199	0	1640	0.0003	0.0000	0.0002	5.24E+06	0.166	1089.540	2199	0	3062	0.0005	-0.0001	0.0003	6.86E+06	0.244	1818.020	4200	0	219	0.0000	0.0000	0.0000	-4.37E+05	0.131	2774.920	6201	0	3172	0.0004	-0.0001	0.0002	7.58E+06	0.254
1501.540	1200	0	1640	0.0003	0.0000	0.0002	5.22E+06	0.168	1090.540	2201	0	3171	0.0005	-0.0001	0.0003	6.88E+06	0.243	1819.020	4201	0	219	0.0001	0.0000	0.0001	-8.43E+05	0.132	2775.920	6200	0	3208	0.0004	-0.0001	0.0002	7.57E+06	0.255
1502.540	1201	0	1677	0.0003	0.0000	0.0002	5.21E+06	0.169	1091.540	2199	0	3244	0.0005	-0.0001	0.0003	6.97E+06	0.246	1820.020	4199	0	219	0.0001	0.0000	0.0001	-7.37E+05	0.133	2776.920	6199	0	3208	0.0004	-0.0001	0.0002	7.54E+06	

1546.530	1201	0	2698	0.0005	-0.0001	0.0003	6.05E+06	0.197	1135.520	2200	0	4447	0.0007	-0.0001	0.0004	6.14E+06	0.234	1864.010	4202	0	2151	0.0004	-0.0001	0.0003	1.06E+07	0.199	2820.900	6199	0	4593	0.0005	-0.0001	0.0003	7.58E+06	0.259
1547.530	1201	0	2698	0.0005	-0.0001	0.0003	6.06E+06	0.197	1136.520	2201	0	4192	0.0007	-0.0001	0.0004	6.16E+06	0.234	1865.010	4201	0	2224	0.0004	-0.0001	0.0003	1.01E+07	0.197	2821.900	6200	0	4557	0.0005	-0.0001	0.0003	7.46E+06	0.259
1548.530	1199	0	2734	0.0005	-0.0001	0.0003	6.06E+06	0.197	1137.520	2201	0	4411	0.0007	-0.0001	0.0004	6.17E+06	0.233	1866.010	4200	0	2333	0.0004	-0.0001	0.0003	9.34E+06	0.196	2822.900	6201	0	4593	0.0005	-0.0001	0.0003	7.54E+06	0.262
1549.530	1200	0	2734	0.0005	-0.0001	0.0003	6.11E+06	0.200	1138.520	2201	0	4557	0.0007	-0.0001	0.0004	6.13E+06	0.233	1867.010	4201	0	2297	0.0004	-0.0001	0.0003	8.63E+06	0.194	2823.900	6200	0	4630	0.0005	-0.0001	0.0003	7.61E+06	0.261
1550.530	1201	0	2880	0.0005	-0.0001	0.0003	6.18E+06	0.201	1139.520	2201	0	4630	0.0007	-0.0002	0.0004	6.24E+06	0.233	1868.010	4201	0	2370	0.0004	-0.0001	0.0003	7.96E+06	0.192	2824.900	6200	0	4630	0.0006	-0.0001	0.0003	7.64E+06	0.263
1551.530	1201	0	2916	0.0005	-0.0001	0.0004	6.17E+06	0.200	1140.520	2200	0	4593	0.0007	-0.0002	0.0004	6.05E+06	0.233	1869.010	4199	0	2370	0.0004	-0.0001	0.0003	7.48E+06	0.190	2825.900	6202	0	4703	0.0006	-0.0001	0.0003	7.65E+06	0.266
1552.530	1200	0	2916	0.0005	-0.0001	0.0003	6.14E+06	0.201	1141.520	2201	0	4630	0.0007	-0.0002	0.0004	5.62E+06	0.230	1870.010	4200	0	2442	0.0004	-0.0001	0.0003	7.08E+06	0.189	2826.900	6200	0	4666	0.0006	-0.0001	0.0003	7.71E+06	0.266
1553.530	1201	0	2916	0.0005	-0.0001	0.0004	6.15E+06	0.202	1142.520	2201	0	4375	0.0007	-0.0002	0.0004	5.58E+06	0.233	1871.010	4200	0	2406	0.0004	-0.0001	0.0003	6.84E+06	0.192	2827.900	6202	0	4776	0.0006	-0.0001	0.0003	7.73E+06	0.269
1554.520	1202	0	2953	0.0005	-0.0001	0.0004	6.13E+06	0.204	1143.520	2200	0	4520	0.0007	-0.0002	0.0004	5.62E+06	0.231	1872.010	4202	0	2406	0.0004	-0.0001	0.0003	6.74E+06	0.192	2828.900	6201	0	4739	0.0006	-0.0001	0.0003	7.80E+06	0.269
1555.520	1201	0	2989	0.0005	-0.0001	0.0004	6.07E+06	0.205	1144.520	2201	0	4739	0.0007	-0.0002	0.0004	5.61E+06	0.233	1873.010	4201	0	2552	0.0004	-0.0001	0.0003	6.78E+06	0.193	2829.900	6201	0	4776	0.0006	-0.0001	0.0003	7.82E+06	0.267
1556.520	1200	0	2989	0.0005	-0.0001	0.0004	6.06E+06	0.205	1145.520	2202	0	4739	0.0007	-0.0002	0.0004	5.67E+06	0.232	1874.010	4201	0	2588	0.0004	-0.0001	0.0003	6.83E+06	0.195	2830.900	6200	0	4776	0.0006	-0.0001	0.0003	7.92E+06	0.268
1557.520	1201	0	3026	0.0005	-0.0001	0.0004	6.07E+06	0.206	1146.520	2200	0	4776	0.0007	-0.0002	0.0004	5.69E+06	0.229	1875.010	4201	0	2661	0.0004	-0.0001	0.0003	6.84E+06	0.195	2831.900	6199	0	4812	0.0006	-0.0001	0.0003	7.89E+06	0.269
1558.520	1201	0	3026	0.0005	-0.0001	0.0004	6.06E+06	0.206	1147.520	2200	0	4812	0.0007	-0.0002	0.0004	5.63E+06	0.227	1876.010	4201	0	2625	0.0004	-0.0001	0.0003	6.83E+06	0.197	2832.900	6199	0	4812	0.0006	-0.0001	0.0003	7.85E+06	0.271
1559.520	1202	0	3026	0.0005	-0.0001	0.0004	6.09E+06	0.205	1148.520	2200	0	4520	0.0007	-0.0002	0.0004	5.55E+06	0.226	1877.010	4199	0	2625	0.0004	-0.0001	0.0003	6.80E+06	0.198	2833.900	6200	0	4885	0.0006	-0.0001	0.0003	7.87E+06	0.273
1560.520	1200	0	3062	0.0005	-0.0001	0.0004	6.11E+06	0.205	1149.520	2200	0	4739	0.0007	-0.0002	0.0004	5.58E+06	0.226	1878.010	4201	0	2698	0.0004	-0.0001	0.0003	6.82E+06	0.198	2834.900	6200	0	4885	0.0006	-0.0002	0.0003	7.99E+06	0.278
1561.520	1200	0	3135	0.0005	-0.0001	0.0004	6.05E+06	0.204	1150.520	2201	0	4885	0.0007	-0.0002	0.0004	5.60E+06	0.225	1879.010	4199	0	2625	0.0005	-0.0001	0.0003	6.82E+06	0.201	2835.900	6199	0	5067	0.0006	-0.0002	0.0003	8.00E+06	0.279
1562.520	1201	0	3171	0.0005	-0.0001	0.0004	6.15E+06	0.206	1151.520	2201	0	4958	0.0007	-0.0002	0.0004	5.74E+06	0.227	1880.010	4201	0	2771	0.0005	-0.0001	0.0003	6.77E+06	0.201	2836.900	6199	0	5067	0.0006	-0.0001	0.0003	7.94E+06	0.278
1563.520	1200	0	3208	0.0006	-0.0001	0.0004	6.11E+06	0.204	1152.520	2200	0	4994	0.0007	-0.0002	0.0004	5.80E+06	0.227	1881.000	4199	0	2771	0.0005	-0.0001	0.0003	6.82E+06	0.204	2837.900	6199	0	5031	0.0006	-0.0002	0.0003	7.94E+06	0.280
1564.520	1201	0	3244	0.0006	-0.0001	0.0004	6.11E+06	0.207	1153.520	2199	0	4994	0.0008	-0.0002	0.0004	5.71E+06	0.226	1882.000	4201	0	2771	0.0004	-0.0001	0.0003	6.79E+06	0.205	2838.900	6199	0	4958	0.0006	-0.0002	0.0003	7.89E+06	0.282
1565.520	1201	0	3244	0.0006	-0.0001	0.0004	6.03E+06	0.204	1154.520	2199	0	4703	0.0008	-0.0002	0.0004	5.71E+06	0.227	1883.000	4201	0	2734	0.0005	-0.0001	0.0003	6.84E+06	0.206	2839.900	6199	0	5104	0.0006	-0.0001	0.0003	7.86E+06	0.280
1566.520	1200	0	3244	0.0006	-0.0001	0.0004	5.95E+06	0.203	1155.520	2200	0	4812	0.0007	-0.0002	0.0004	5.79E+06	0.227	1884.000	4201	0	2807	0.0005	-0.0001	0.0003	6.82E+06	0.206	2840.900	6200	0	5031	0.0006	-0.0002	0.0003	7.84E+06	0.278
1567.520	1200	0	3317	0.0006	-0.0001	0.0004	5.94E+06	0.203	1156.520	2200	0	5031	0.0007	-0.0002	0.0004	5.85E+06	0.228	1885.000	4199	0	2807	0.0005	-0.0001	0.0003	6.75E+06	0.202	2841.900	6199	0	5177	0.0006	-0.0002	0.0003	7.87E+06	0.281
1568.520	1200	0	3317	0.0006	-0.0001	0.0004	5.83E+06	0.201	1157.520	2201	0	5140	0.0008	-0.0002	0.0004	5.95E+06	0.230	1886.000	4203	0	2807	0.0005	-0.0001	0.0003	6.73E+06	0.203	2842.900	6201	0	5177	0.0006	-0.0002	0.0003	7.84E+06	0.280
1569.520	1201	0	3354	0.0006	-0.0001	0.0004	5.82E+06	0.199	1158.520	2201	0	5140	0.0008	-0.0002	0.0004	5.97E+06	0.228	1887.000	4202	0	2807	0.0005	-0.0001	0.0003	6.66E+06	0.202	2843.890	6199	0	5213	0.0006	-0.0002	0.0003	7.86E+06	0.281
1570.520	1203	0	3354	0.0006	-0.0001	0.0004	5.75E+06	0.197	1159.510	2200	0	5176	0.0008	-0.0002	0.0004	5.87E+06	0.225	1888.000	4200	0	2953	0.0005	-0.0001	0.0003	6.64E+06	0.207	2844.890	6199	0	5286	0.0006	-0.0002	0.0003	7.84E+06	0.278
1571.520	1201	0	3354	0.0006	-0.0001	0.0004	5.76E+06	0.196	1160.510	2201	0	4885	0.0008	-0.0002	0.0004	5.87E+06	0.226	1889.000	4201	0	2880	0.0005	-0.0001	0.0003	6.57E+06	0.206	2845.890	6199	0	5213	0.0006	-0.0002	0.0003	7.73E+06	0.278
1572.520	1201	0	3427	0.0006	-0.0001	0.0004	5.63E+06	0.193	1161.510	2200	0	5031	0.0008	-0.0002	0.0004	5.92E+06	0.227	1890.000	4200	0	2916	0.0005	-0.0001	0.0003	6.43E+06	0.202	2846.890	6199	0	5286	0.0007	-0.0002	0.0003	7.68E+06	0.275
1573.520	1201	0	3463	0.0006	-0.0001	0.0004	5.55E+06	0.191	1162.510	2200	0	5176	0.0008	-0.0002	0.0004	5.88E+06	0.229	1891.000	4200	0	2953	0.0005	-0.0001	0.0003	6.38E+06	0.203	2847.890	6199	0	5359	0.0006	-0.0002	0.0003	7.69E+06	0.276
1574.520	1200	0	3463	0.0006	-0.0001	0.0004	5.51E+06	0.190	1163.510	2200	0	5249	0.0008	-0.0002	0.0004	5.96E+06	0.229	1892.000	4198	0	2953	0.0005	-0.0001	0.0003	6.42E+06	0.205	2848.890	6201	0	5432	0.0006	-0.0002	0.0003	7.69E+06	0.275
1575.520	1200	0	3536	0.0006	-0.0001	0.0004	5.41E+06	0.189	1164.510	2200	0	5286	0.0008	-0.0002	0.0004	6.07E+06	0.229	1893.000	4199	0	2916	0.0005	-0.0001	0.0003	6.39E+06	0.202	2849.890	6199	0	5359	0.0007	-0.0002	0.0003	7.68E+06	0.277
1576.520	1199	0	3536	0.0006	-0.0001	0.0004	5.37E+06	0.187	1165.510	2201	0	5031	0.0008	-0.0002	0.0005	5.89E+06	0.228	1894.000	4201	0	3026	0.0005	-0.0001	0.0003	6.46E+06	0.201	2850.890	6201	0	5395	0.0007	-0.0002	0.0003	7.62E+06	0.280
1577.520	1201	0	3500	0.0006	-0.0001	0.0004	5.35E+06	0.186	1166.510	2201	0	4593	0.0008	-0.0002	0.0005	5.90E+06	0.229	1895.000	4200	0	3026	0.0005	-0.0001	0.0003	6.45E+06	0.204	2851.890	6199	0	5505	0.0007	-0.0002	0.0003	7.53E+06	0.277
1578.520	1200	0	3573	0.0006	-0.0001	0.0004	5.36E+06	0.184	1167.510	2201	0	4849	0.0008	-0.0002	0.0004	5.97E+06	0.229	1896.000	4200	0	3062	0.0005	-0.0001	0.0003	6.56E+06	0.206	2852.890	6201	0	5541	0.0007				

1622.500	1201	0	4593	0.0008	-0.0001	0.0005	5.91E+06	0.203	1211.500	2199	0	6671	0.0010	-0.0002	0.0005	6.30E+06	0.259	1939.990	4200	0	4083	0.0007	-0.0001	0.0004	6.35E+06	0.202	2896.880	6199	0	6854	0.0008	-0.0002	0.0004	7.78E+06	0.279
1623.500	1200	0	4593	0.0008	-0.0001	0.0005	5.89E+06	0.202	1212.500	2200	0	6744	0.0010	-0.0002	0.0005	6.37E+06	0.259	1940.990	4199	0	4156	0.0006	-0.0001	0.0004	6.26E+06	0.198	2897.880	6199	0	6817	0.0008	-0.0002	0.0004	7.73E+06	0.275
1624.500	1200	0	4630	0.0008	-0.0001	0.0005	5.86E+06	0.202	1213.500	2198	0	6635	0.0010	-0.0002	0.0006	6.36E+06	0.263	1941.990	4201	0	4192	0.0007	-0.0001	0.0004	6.19E+06	0.199	2898.880	6200	0	6890	0.0008	-0.0002	0.0004	7.72E+06	0.277
1625.500	1200	0	4739	0.0008	-0.0001	0.0005	5.88E+06	0.202	1214.500	2201	0	6380	0.0010	-0.0002	0.0006	6.25E+06	0.263	1942.980	4200	0	4156	0.0006	-0.0001	0.0004	6.10E+06	0.201	2899.880	6200	0	6890	0.0008	-0.0002	0.0004	7.62E+06	0.272
1626.500	1199	0	4703	0.0008	-0.0001	0.0005	5.84E+06	0.200	1215.500	2200	0	6380	0.0010	-0.0002	0.0005	6.34E+06	0.262	1943.980	4201	0	4192	0.0006	-0.0001	0.0004	6.10E+06	0.200	2900.880	6199	0	6963	0.0009	-0.0002	0.0004	7.55E+06	0.271
1627.500	1201	0	4703	0.0008	-0.0001	0.0005	5.78E+06	0.200	1216.500	2201	0	6635	0.0010	-0.0002	0.0005	6.23E+06	0.260	1944.980	4198	0	4229	0.0007	-0.0001	0.0004	6.15E+06	0.199	2901.880	6199	0	6963	0.0009	-0.0002	0.0004	7.44E+06	0.269
1628.500	1200	0	4703	0.0008	-0.0001	0.0005	5.78E+06	0.202	1217.500	2200	0	6744	0.0010	-0.0002	0.0005	6.28E+06	0.262	1945.980	4200	0	4229	0.0007	-0.0001	0.0004	6.23E+06	0.204	2902.880	6199	0	6999	0.0009	-0.0002	0.0004	7.28E+06	0.266
1629.500	1201	0	4812	0.0008	-0.0001	0.0006	5.79E+06	0.201	1218.500	2201	0	6854	0.0010	-0.0002	0.0005	6.36E+06	0.262	1946.980	4200	0	4229	0.0007	-0.0001	0.0004	6.28E+06	0.206	2903.880	6199	0	6999	0.0008	-0.0002	0.0004	7.25E+06	0.264
1630.500	1202	0	4776	0.0008	-0.0001	0.0006	5.81E+06	0.202	1219.500	2201	0	6817	0.0010	-0.0002	0.0006	6.28E+06	0.260	1947.980	4199	0	4375	0.0007	-0.0001	0.0004	6.26E+06	0.205	2904.880	6200	0	7036	0.0009	-0.0002	0.0004	7.15E+06	0.260
1631.500	1201	0	4812	0.0008	-0.0001	0.0005	5.75E+06	0.201	1220.500	2200	0	6562	0.0010	-0.0002	0.0006	6.20E+06	0.260	1948.980	4200	0	4265	0.0007	-0.0001	0.0004	6.18E+06	0.205	2905.870	6201	0	7072	0.0009	-0.0002	0.0004	7.09E+06	0.260
1632.500	1202	0	4849	0.0009	-0.0001	0.0006	5.72E+06	0.202	1221.490	2199	0	6489	0.0010	-0.0002	0.0005	6.24E+06	0.259	1949.980	4200	0	4302	0.0007	-0.0001	0.0004	6.15E+06	0.208	2906.870	6199	0	7109	0.0009	-0.0002	0.0004	7.05E+06	0.262
1633.500	1201	0	4921	0.0008	-0.0001	0.0005	5.69E+06	0.201	1222.490	2198	0	6817	0.0010	-0.0002	0.0005	6.18E+06	0.257	1950.980	4201	0	4265	0.0007	-0.0001	0.0005	6.17E+06	0.207	2907.870	6200	0	7109	0.0009	-0.0002	0.0004	7.02E+06	0.261
1634.500	1202	0	4885	0.0009	-0.0001	0.0006	5.70E+06	0.202	1223.490	2200	0	6963	0.0010	-0.0002	0.0005	6.21E+06	0.258	1951.980	4200	0	4375	0.0007	-0.0001	0.0004	6.26E+06	0.210	2908.870	6199	0	7182	0.0009	-0.0002	0.0004	6.91E+06	0.259
1635.500	1200	0	4885	0.0009	-0.0002	0.0006	5.73E+06	0.202	1224.490	2202	0	6999	0.0010	-0.0002	0.0006	6.33E+06	0.257	1952.980	4201	0	4338	0.0007	-0.0001	0.0004	6.29E+06	0.215	2909.870	6201	0	7254	0.0009	-0.0002	0.0004	6.96E+06	0.259
1636.500	1200	0	4958	0.0009	-0.0002	0.0006	5.74E+06	0.204	1225.490	2201	0	7109	0.0011	-0.0002	0.0006	6.26E+06	0.257	1953.980	4200	0	4447	0.0007	-0.0001	0.0004	6.23E+06	0.216	2910.870	6198	0	7254	0.0009	-0.0002	0.0004	6.96E+06	0.259
1637.500	1200	0	4994	0.0009	-0.0002	0.0006	5.81E+06	0.203	1226.490	2200	0	6744	0.0011	-0.0002	0.0006	6.13E+06	0.255	1954.980	4199	0	4484	0.0007	-0.0001	0.0004	6.18E+06	0.218	2911.870	6199	0	7218	0.0009	-0.0002	0.0004	6.97E+06	0.261
1638.500	1200	0	4994	0.0009	-0.0002	0.0006	5.81E+06	0.204	1227.490	2202	0	6708	0.0010	-0.0002	0.0006	6.18E+06	0.254	1955.980	4199	0	4447	0.0007	-0.0001	0.0004	6.19E+06	0.219	2912.870	6199	0	7218	0.0009	-0.0002	0.0004	6.98E+06	0.262
1639.500	1201	0	4994	0.0009	-0.0002	0.0006	5.73E+06	0.202	1228.490	2200	0	7072	0.0010	-0.0002	0.0006	6.14E+06	0.253	1956.980	4199	0	4484	0.0007	-0.0001	0.0005	6.16E+06	0.219	2913.870	6200	0	7291	0.0009	-0.0002	0.0004	7.04E+06	0.263
1640.500	1200	0	4994	0.0009	-0.0002	0.0006	5.71E+06	0.200	1229.490	2201	0	7145	0.0010	-0.0002	0.0006	6.18E+06	0.256	1957.980	4199	0	4484	0.0007	-0.0001	0.0005	6.25E+06	0.221	2914.870	6200	0	7327	0.0009	-0.0002	0.0004	7.01E+06	0.263
1641.500	1199	0	5067	0.0009	-0.0002	0.0006	5.76E+06	0.199	1230.490	2199	0	7218	0.0011	-0.0002	0.0006	6.27E+06	0.257	1958.980	4200	0	4520	0.0007	-0.0001	0.0004	6.23E+06	0.222	2915.870	6200	0	7400	0.0009	-0.0002	0.0004	7.03E+06	0.266
1642.500	1200	0	5140	0.0009	-0.0002	0.0006	5.74E+06	0.200	1231.490	2201	0	7218	0.0011	-0.0003	0.0006	6.27E+06	0.259	1959.980	4200	0	4593	0.0007	-0.0001	0.0005	6.22E+06	0.225	2916.870	6200	0	7327	0.0009	-0.0002	0.0004	7.04E+06	0.269
1643.500	1199	0	5176	0.0009	-0.0002	0.0006	5.77E+06	0.201	1232.490	2200	0	6926	0.0011	-0.0003	0.0006	6.14E+06	0.258	1960.980	4199	0	4557	0.0007	-0.0001	0.0005	6.27E+06	0.228	2917.870	6199	0	7546	0.0009	-0.0002	0.0004	6.91E+06	0.267
1644.500	1199	0	5140	0.0009	-0.0002	0.0006	5.76E+06	0.202	1233.490	2200	0	6817	0.0011	-0.0002	0.0006	6.18E+06	0.259	1961.980	4201	0	4520	0.0007	-0.0001	0.0005	6.30E+06	0.231	2918.870	6200	0	7473	0.0009	-0.0002	0.0005	6.91E+06	0.269
1645.500	1201	0	5213	0.0009	-0.0002	0.0006	5.73E+06	0.202	1234.490	2200	0	7254	0.0011	-0.0002	0.0006	6.21E+06	0.261	1962.980	4200	0	4630	0.0007	-0.0001	0.0005	6.33E+06	0.233	2919.870	6199	0	7510	0.0009	-0.0002	0.0004	6.99E+06	0.270
1646.500	1201	0	5249	0.0009	-0.0002	0.0006	5.79E+06	0.203	1235.490	2199	0	7291	0.0011	-0.0003	0.0006	6.24E+06	0.263	1963.980	4201	0	4593	0.0007	-0.0001	0.0005	6.37E+06	0.237	2920.870	6199	0	7510	0.0009	-0.0002	0.0004	6.93E+06	0.272
1647.490	1200	0	5249	0.0009	-0.0002	0.0006	5.73E+06	0.202	1236.490	2201	0	7400	0.0011	-0.0003	0.0006	6.42E+06	0.266	1964.980	4201	0	4666	0.0007	-0.0001	0.0005	6.29E+06	0.238	2921.870	6199	0	7510	0.0009	-0.0002	0.0004	7.00E+06	0.272
1648.490	1200	0	5322	0.0009	-0.0002	0.0006	5.76E+06	0.202	1237.490	2201	0	7400	0.0011	-0.0003	0.0006	6.32E+06	0.265	1965.980	4201	0	4703	0.0007	-0.0001	0.0005	6.28E+06	0.237	2922.870	6200	0	7583	0.0009	-0.0002	0.0005	7.04E+06	0.272
1649.490	1199	0	5286	0.0009	-0.0002	0.0006	5.67E+06	0.203	1238.490	2200	0	7145	0.0011	-0.0003	0.0006	6.20E+06	0.266	1966.980	4200	0	4739	0.0007	-0.0001	0.0005	6.38E+06	0.236	2923.870	6200	0	7619	0.0009	-0.0002	0.0004	7.01E+06	0.274
1650.490	1200	0	5286	0.0009	-0.0002	0.0006	5.65E+06	0.203	1239.490	2201	0	6963	0.0011	-0.0003	0.0006	6.20E+06	0.266	1967.980	4200	0	4703	0.0007	-0.0001	0.0005	6.41E+06	0.234	2924.870	6200	0	7619	0.0010	-0.0002	0.0005	7.08E+06	0.274
1651.490	1199	0	5359	0.0009	-0.0002	0.0006	5.74E+06	0.204	1240.490	2200	0	7364	0.0011	-0.0003	0.0006	6.19E+06	0.266	1968.980	4200	0	4849	0.0008	-0.0001	0.0005	6.41E+06	0.237	2925.870	6199	0	7655	0.0009	-0.0002	0.0005	7.13E+06	0.277
1652.490	1199	0	5359	0.0009	-0.0002	0.0006	5.77E+06	0.207	1241.490	2201	0	7473	0.0011	-0.0003	0.0006	6.22E+06	0.269	1969.980	4200	0	4849	0.0008	-0.0001	0.0005	6.53E+06	0.238	2926.870	6199	0	7655	0.0010	-0.0002	0.0005	7.07E+06	0.275
1653.490	1201	0	5322	0.0009	-0.0002	0.0006	5.79E+06	0.210	1242.490	2201	0	7583	0.0011	-0.0003	0.0006	6.27E+06	0.268	1970.980	4201	0	4812	0.0007	-0.0001	0.0005	6.56E+06	0.237	2927.870	6199	0	7655	0.0010	-0.0002	0.0005	7.08E+06	0.277
1654.490	1202	0	5432	0.0009	-0.0002	0.0006	5.76E+06	0.211	1243.490	2201	0	7510	0.0011	-0.0003	0.0006	6.15E+06	0.267	1971.980	4201	0	4849	0.0008	-0.0001	0.0005	6.53E+06	0.235	2928.870	6199	0	7692	0.0010				

1698.480	1201	0	6452	0.0011	-0.0002	0.0007	5.77E+06	0.224	1287.470	2200	0	8312	0.0013	-0.0003	0.0007	6.49E+06	0.298	2015.960	4199	0	5942	0.0009	-0.0002	0.0006	7.03E+06	0.253	2972.850	6200	0	9041	0.0012	-0.0003	0.0005	7.66E+06	0.298
1699.480	1201	0	6416	0.0012	-0.0002	0.0007	5.85E+06	0.225	1288.470	2200	0	8494	0.0013	-0.0003	0.0007	6.51E+06	0.299	2016.960	4200	0	5979	0.0010	-0.0002	0.0006	7.09E+06	0.253	2973.850	6199	0	9114	0.0011	-0.0003	0.0005	7.65E+06	0.298
1700.480	1201	0	6380	0.0011	-0.0002	0.0007	5.86E+06	0.225	1289.470	2200	0	8859	0.0013	-0.0003	0.0007	6.44E+06	0.300	2017.960	4200	0	6051	0.0009	-0.0002	0.0006	7.21E+06	0.252	2974.850	6200	0	9150	0.0011	-0.0003	0.0005	7.64E+06	0.297
1701.480	1199	0	6489	0.0012	-0.0002	0.0007	5.90E+06	0.225	1290.470	2201	0	9041	0.0013	-0.0003	0.0007	6.59E+06	0.301	2018.960	4200	0	6015	0.0009	-0.0002	0.0006	7.25E+06	0.252	2975.850	6199	0	9150	0.0011	-0.0003	0.0005	7.71E+06	0.296
1702.480	1202	0	6598	0.0012	-0.0002	0.0007	5.95E+06	0.225	1291.470	2202	0	8968	0.0013	-0.0003	0.0007	6.64E+06	0.304	2019.960	4199	0	6015	0.0009	-0.0002	0.0006	7.19E+06	0.252	2976.850	6200	0	9223	0.0011	-0.0003	0.0005	7.71E+06	0.298
1703.480	1201	0	6598	0.0012	-0.0002	0.0007	6.02E+06	0.226	1292.470	2202	0	8640	0.0013	-0.0003	0.0007	6.63E+06	0.304	2020.960	4201	0	6088	0.0009	-0.0002	0.0006	7.26E+06	0.250	2977.850	6199	0	9223	0.0012	-0.0003	0.0005	7.65E+06	0.297
1704.480	1199	0	6635	0.0012	-0.0002	0.0007	5.98E+06	0.227	1293.470	2201	0	8530	0.0013	-0.0003	0.0007	6.61E+06	0.303	2021.960	4199	0	6124	0.0009	-0.0002	0.0006	7.21E+06	0.252	2978.850	6201	0	9296	0.0012	-0.0003	0.0005	7.62E+06	0.296
1705.480	1202	0	6598	0.0012	-0.0002	0.0007	6.01E+06	0.226	1294.470	2201	0	8713	0.0013	-0.0003	0.0007	6.62E+06	0.302	2022.960	4201	0	6197	0.0010	-0.0002	0.0006	7.23E+06	0.251	2979.850	6199	0	9296	0.0012	-0.0003	0.0005	7.68E+06	0.299
1706.480	1200	0	6708	0.0012	-0.0002	0.0007	5.96E+06	0.227	1295.470	2201	0	9077	0.0013	-0.0003	0.0007	6.60E+06	0.303	2023.960	4199	0	6197	0.0010	-0.0002	0.0006	7.30E+06	0.255	2980.850	6199	0	9405	0.0012	-0.0003	0.0005	7.65E+06	0.298
1707.480	1200	0	6708	0.0012	-0.0002	0.0007	6.02E+06	0.228	1296.470	2201	0	9150	0.0013	-0.0003	0.0007	6.67E+06	0.303	2024.960	4200	0	6234	0.0010	-0.0002	0.0006	7.22E+06	0.253	2981.850	6199	0	9405	0.0012	-0.0003	0.0005	7.61E+06	0.299
1708.480	1200	0	6744	0.0012	-0.0002	0.0007	6.04E+06	0.229	1297.470	2200	0	9150	0.0014	-0.0003	0.0007	6.70E+06	0.305	2025.960	4199	0	6307	0.0010	-0.0002	0.0006	7.11E+06	0.252	2982.850	6199	0	9442	0.0012	-0.0003	0.0006	7.65E+06	0.299
1709.470	1201	0	6781	0.0012	-0.0002	0.0007	6.08E+06	0.229	1298.470	2201	0	8968	0.0014	-0.0003	0.0007	6.74E+06	0.306	2026.960	4199	0	6270	0.0010	-0.0002	0.0006	7.14E+06	0.251	2983.850	6202	0	9442	0.0012	-0.0003	0.0005	7.69E+06	0.300
1710.470	1200	0	6817	0.0012	-0.0002	0.0007	6.03E+06	0.229	1299.470	2199	0	8895	0.0014	-0.0003	0.0007	6.70E+06	0.304	2027.960	4201	0	6343	0.0010	-0.0002	0.0006	7.05E+06	0.250	2984.850	6201	0	9442	0.0012	-0.0003	0.0006	7.57E+06	0.299
1711.470	1200	0	6744	0.0012	-0.0002	0.0008	6.06E+06	0.231	1300.470	2201	0	8968	0.0013	-0.0003	0.0007	6.75E+06	0.305	2028.960	4201	0	6380	0.0010	-0.0002	0.0006	7.19E+06	0.250	2985.850	6199	0	9515	0.0012	-0.0003	0.0006	7.59E+06	0.300
1712.470	1202	0	6854	0.0012	-0.0002	0.0007	6.14E+06	0.233	1301.470	2199	0	9223	0.0013	-0.0003	0.0007	6.69E+06	0.304	2029.960	4200	0	6380	0.0010	-0.0002	0.0006	7.13E+06	0.247	2986.850	6199	0	9515	0.0012	-0.0003	0.0005	7.52E+06	0.302
1713.470	1200	0	6890	0.0012	-0.0002	0.0008	6.20E+06	0.235	1302.470	2200	0	9332	0.0014	-0.0003	0.0007	6.75E+06	0.303	2030.960	4200	0	6453	0.0010	-0.0002	0.0006	7.07E+06	0.246	2987.850	6200	0	9551	0.0012	-0.0003	0.0006	7.48E+06	0.301
1714.470	1200	0	6926	0.0012	-0.0002	0.0008	6.25E+06	0.236	1303.470	2199	0	9332	0.0014	-0.0003	0.0007	6.81E+06	0.307	2031.960	4199	0	6453	0.0010	-0.0002	0.0006	7.02E+06	0.247	2988.850	6200	0	9588	0.0012	-0.0003	0.0006	7.50E+06	0.303
1715.470	1200	0	6999	0.0012	-0.0002	0.0008	6.29E+06	0.237	1304.470	2199	0	9077	0.0014	-0.0003	0.0007	6.71E+06	0.305	2032.960	4202	0	6489	0.0010	-0.0002	0.0006	6.99E+06	0.248	2989.850	6199	0	9624	0.0012	-0.0003	0.0006	7.44E+06	0.302
1716.470	1201	0	7036	0.0012	-0.0002	0.0007	6.13E+06	0.237	1305.470	2199	0	8895	0.0014	-0.0003	0.0007	6.63E+06	0.306	2033.960	4200	0	6453	0.0010	-0.0002	0.0006	6.96E+06	0.248	2990.850	6201	0	9624	0.0012	-0.0003	0.0006	7.42E+06	0.300
1717.470	1201	0	6890	0.0012	-0.0002	0.0008	6.17E+06	0.239	1306.470	2201	0	9077	0.0014	-0.0003	0.0007	6.66E+06	0.307	2034.960	4202	0	6525	0.0010	-0.0002	0.0006	6.95E+06	0.249	2991.850	6200	0	9660	0.0012	-0.0003	0.0006	7.38E+06	0.301
1718.470	1200	0	6999	0.0012	-0.0002	0.0008	6.14E+06	0.238	1307.470	2200	0	9442	0.0014	-0.0003	0.0007	6.58E+06	0.306	2035.960	4199	0	6525	0.0010	-0.0002	0.0006	6.95E+06	0.245	2992.850	6199	0	9697	0.0012	-0.0003	0.0006	7.41E+06	0.301
1719.470	1202	0	7109	0.0012	-0.0002	0.0008	6.15E+06	0.239	1308.470	2200	0	9478	0.0014	-0.0003	0.0007	6.62E+06	0.308	2036.950	4201	0	6598	0.0010	-0.0002	0.0006	6.83E+06	0.243	2993.850	6198	0	9733	0.0012	-0.0003	0.0006	7.43E+06	0.303
1720.470	1201	0	7072	0.0012	-0.0002	0.0008	6.23E+06	0.241	1309.470	2201	0	9515	0.0014	-0.0003	0.0007	6.73E+06	0.310	2037.950	4200	0	6562	0.0010	-0.0002	0.0006	6.78E+06	0.243	2994.850	6199	0	9733	0.0012	-0.0003	0.0006	7.55E+06	0.305
1721.470	1201	0	7145	0.0012	-0.0002	0.0008	6.26E+06	0.241	1310.470	2200	0	9223	0.0014	-0.0003	0.0007	6.63E+06	0.309	2038.950	4200	0	6671	0.0010	-0.0002	0.0006	6.68E+06	0.241	2995.850	6199	0	9806	0.0012	-0.0003	0.0006	7.53E+06	0.301
1722.470	1198	0	7181	0.0012	-0.0002	0.0008	6.09E+06	0.238	1311.470	2199	0	9041	0.0014	-0.0003	0.0007	6.62E+06	0.309	2039.950	4200	0	6671	0.0010	-0.0002	0.0006	6.63E+06	0.238	2996.850	6199	0	9879	0.0012	-0.0003	0.0006	7.49E+06	0.299
1723.470	1200	0	7036	0.0012	-0.0002	0.0008	6.10E+06	0.237	1312.470	2199	0	9223	0.0014	-0.0003	0.0007	6.61E+06	0.310	2040.950	4200	0	6708	0.0010	-0.0002	0.0006	6.63E+06	0.238	2997.850	6200	0	9879	0.0012	-0.0003	0.0006	7.55E+06	0.299
1724.470	1200	0	7218	0.0012	-0.0002	0.0008	6.09E+06	0.237	1313.470	2200	0	9624	0.0014	-0.0003	0.0007	6.51E+06	0.309	2041.950	4201	0	6708	0.0010	-0.0002	0.0006	6.68E+06	0.239	2998.850	6200	0	9879	0.0012	-0.0003	0.0006	7.52E+06	0.301
1725.470	1201	0	7254	0.0012	-0.0002	0.0008	5.98E+06	0.235	1314.470	2200	0	9697	0.0014	-0.0004	0.0007	6.52E+06	0.310	2042.950	4199	0	6781	0.0010	-0.0002	0.0006	6.65E+06	0.237	2999.840	6199	0	9952	0.0012	-0.0003	0.0006	7.56E+06	0.300
1726.470	1200	0	7254	0.0013	-0.0002	0.0008	5.92E+06	0.237	1315.460	2200	0	9770	0.0014	-0.0004	0.0007	6.49E+06	0.311	2043.950	4199	0	6781	0.0010	-0.0002	0.0006	6.62E+06	0.238	3000.840	6200	0	9989	0.0012	-0.0003	0.0006	7.67E+06	0.303
1727.470	1201	0	7291	0.0013	-0.0002	0.0008	5.94E+06	0.238	1316.460	2201	0	9405	0.0014	-0.0004	0.0007	6.45E+06	0.310	2044.950	4202	0	6781	0.0010	-0.0002	0.0006	6.62E+06	0.238	3001.840	6201	0	9952	0.0013	-0.0003	0.0006	7.61E+06	0.303
1728.470	1200	0	7327	0.0013	-0.0002	0.0008	5.84E+06	0.237	1317.460	2201	0	9332	0.0014	-0.0004	0.0007	6.24E+06	0.307	2045.950	4198	0	6817	0.0010	-0.0002	0.0006	6.54E+06	0.238	3002.840	6199	0	10062	0.0013	-0.0003	0.0006	7.63E+06	0.304
1729.470	1199	0	7181	0.0013	-0.0002	0.0008	5.79E+06	0.235	1318.460	2199	0	9405	0.0014	-0.0004	0.0007	6.22E+06	0.306	2046.950	4201	0	6781	0.0011	-0.0002	0.0006	6.57E+06	0.242	3003.840	6199	0	10025	0.0013	-0.0003	0.0006	7.60E+06	0.303
1730.470	1199	0	7327	0.0013	-0.0002	0.0008	5.79E+06	0.235	1319.460	2201	0	9806	0.0014	-0.0004	0.0007	6.14E+06	0.306	2047.950	4201	0	6854	0.0011	-0.0002	0.0006	6.59E+06	0.243	3004.840	6199	0	10134	0.0				

1774.450	1200	0	8530	0.0015	-0.0003	0.0009	6.00E+06	0.242	1363.450	2201	0	11191	0.0016	-0.0004	0.0008	6.62E+06	0.334	2091.940	4199	0	8093	0.0012	-0.0003	0.0007	6.62E+06	0.263	3048.830	6199	0	11483	0.0014	-0.0004	0.0006	7.35E+06	0.307
1775.450	1199	0	8567	0.0015	-0.0003	0.0009	6.03E+06	0.243	1364.450	2198	0	10900	0.0016	-0.0004	0.0008	6.63E+06	0.337	2092.940	4199	0	8129	0.0012	-0.0003	0.0007	6.62E+06	0.264	3049.830	6200	0	11520	0.0014	-0.0004	0.0006	7.39E+06	0.309
1776.450	1201	0	8603	0.0015	-0.0003	0.0009	5.87E+06	0.241	1365.450	2201	0	10718	0.0016	-0.0004	0.0008	6.50E+06	0.335	2093.940	4200	0	8202	0.0012	-0.0003	0.0007	6.67E+06	0.263	3050.830	6200	0	11593	0.0015	-0.0004	0.0007	7.37E+06	0.308
1777.450	1203	0	8457	0.0015	-0.0003	0.0009	5.84E+06	0.242	1366.450	2200	0	10718	0.0016	-0.0004	0.0008	6.42E+06	0.337	2094.940	4201	0	8166	0.0013	-0.0003	0.0007	6.64E+06	0.265	3051.830	6199	0	11629	0.0015	-0.0004	0.0007	7.47E+06	0.312
1778.450	1200	0	8603	0.0015	-0.0003	0.0009	5.96E+06	0.246	1367.450	2201	0	11155	0.0016	-0.0004	0.0008	6.38E+06	0.338	2095.940	4200	0	8239	0.0012	-0.0003	0.0007	6.62E+06	0.265	3052.830	6199	0	11629	0.0015	-0.0004	0.0007	7.39E+06	0.310
1779.450	1201	0	8676	0.0015	-0.0003	0.0009	5.91E+06	0.246	1368.450	2200	0	11374	0.0016	-0.0004	0.0008	6.30E+06	0.336	2096.940	4200	0	8275	0.0013	-0.0003	0.0007	6.59E+06	0.265	3053.830	6199	0	11702	0.0015	-0.0004	0.0007	7.36E+06	0.308
1780.450	1200	0	8749	0.0015	-0.0003	0.0009	5.88E+06	0.245	1369.450	2201	0	11301	0.0017	-0.0004	0.0008	6.41E+06	0.336	2097.940	4200	0	8275	0.0013	-0.0003	0.0007	6.58E+06	0.268	3054.830	6201	0	11665	0.0015	-0.0004	0.0007	7.37E+06	0.307
1781.450	1199	0	8749	0.0015	-0.0003	0.0009	5.90E+06	0.245	1370.450	2201	0	11082	0.0017	-0.0004	0.0008	6.33E+06	0.337	2098.930	4201	0	8275	0.0013	-0.0003	0.0007	6.56E+06	0.267	3055.830	6199	0	11702	0.0015	-0.0004	0.0007	7.36E+06	0.305
1782.450	1200	0	8749	0.0015	-0.0003	0.0009	5.87E+06	0.245	1371.450	2200	0	10973	0.0017	-0.0004	0.0008	6.25E+06	0.335	2099.930	4199	0	8348	0.0013	-0.0003	0.0007	6.59E+06	0.267	3056.830	6199	0	11811	0.0015	-0.0004	0.0007	7.30E+06	0.306
1783.450	1199	0	8676	0.0015	-0.0003	0.0009	5.87E+06	0.247	1372.450	2201	0	11009	0.0017	-0.0004	0.0008	6.21E+06	0.335	2100.930	4200	0	8312	0.0013	-0.0003	0.0007	6.61E+06	0.266	3057.830	6199	0	11775	0.0015	-0.0004	0.0007	7.38E+06	0.309
1784.450	1200	0	8713	0.0015	-0.0003	0.0009	5.88E+06	0.247	1373.450	2200	0	11374	0.0016	-0.0004	0.0008	6.20E+06	0.335	2101.930	4200	0	8421	0.0013	-0.0003	0.0007	6.69E+06	0.267	3058.830	6200	0	11811	0.0015	-0.0004	0.0007	7.37E+06	0.309
1785.450	1200	0	8859	0.0015	-0.0003	0.0009	5.80E+06	0.247	1374.450	2201	0	11483	0.0017	-0.0004	0.0008	6.16E+06	0.332	2102.930	4201	0	8385	0.0013	-0.0003	0.0007	6.68E+06	0.266	3059.830	6199	0	11884	0.0015	-0.0004	0.0007	7.32E+06	0.310
1786.450	1202	0	8859	0.0015	-0.0003	0.0009	5.84E+06	0.247	1375.450	2201	0	11556	0.0017	-0.0004	0.0008	6.26E+06	0.335	2103.930	4199	0	8458	0.0013	-0.0003	0.0007	6.67E+06	0.268	3060.830	6199	0	11848	0.0015	-0.0004	0.0007	7.35E+06	0.311
1787.450	1201	0	8895	0.0015	-0.0003	0.0009	5.92E+06	0.247	1376.450	2200	0	11191	0.0017	-0.0004	0.0008	6.24E+06	0.334	2104.930	4202	0	8458	0.0013	-0.0003	0.0007	6.76E+06	0.269	3061.820	6199	0	11957	0.0015	-0.0004	0.0007	7.34E+06	0.312
1788.450	1199	0	8931	0.0015	-0.0003	0.0009	5.79E+06	0.244	1377.440	2201	0	11082	0.0017	-0.0004	0.0008	6.21E+06	0.334	2105.930	4201	0	8567	0.0013	-0.0003	0.0008	6.71E+06	0.269	3062.820	6200	0	12030	0.0015	-0.0004	0.0007	7.31E+06	0.312
1789.450	1202	0	8859	0.0015	-0.0003	0.0009	5.78E+06	0.247	1378.440	2200	0	11119	0.0017	-0.0004	0.0008	6.36E+06	0.335	2106.930	4201	0	8494	0.0013	-0.0003	0.0008	6.76E+06	0.273	3063.820	6201	0	11994	0.0015	-0.0004	0.0007	7.42E+06	0.315
1790.450	1199	0	8859	0.0015	-0.0003	0.0009	5.86E+06	0.249	1379.440	2200	0	11374	0.0017	-0.0004	0.0008	6.63E+06	0.340	2107.930	4202	0	8567	0.0013	-0.0003	0.0007	6.74E+06	0.275	3064.820	6201	0	12030	0.0015	-0.0004	0.0007	7.41E+06	0.316
1791.450	1202	0	8968	0.0015	-0.0003	0.0009	5.85E+06	0.250	1380.440	2200	0	11665	0.0017	-0.0004	0.0008	6.83E+06	0.340	2108.930	4198	0	8567	0.0013	-0.0003	0.0008	6.73E+06	0.273	3065.820	6199	0	12030	0.0015	-0.0004	0.0007	7.39E+06	0.316
1792.450	1200	0	9041	0.0015	-0.0003	0.0009	5.93E+06	0.255	1381.440	2200	0	11702	0.0017	-0.0004	0.0008	6.95E+06	0.343	2109.930	4199	0	8567	0.0013	-0.0003	0.0008	6.81E+06	0.272	3066.820	6200	0	12103	0.0015	-0.0004	0.0007	7.44E+06	0.315
1793.450	1199	0	9077	0.0016	-0.0003	0.0009	6.03E+06	0.257	1382.440	2201	0	11483	0.0017	-0.0004	0.0008	7.06E+06	0.343	2110.930	4199	0	8603	0.0013	-0.0003	0.0008	6.83E+06	0.273	3067.820	6199	0	12176	0.0015	-0.0004	0.0007	7.45E+06	0.316
1794.450	1200	0	9004	0.0015	-0.0003	0.0009	5.84E+06	0.256	1383.440	2200	0	11374	0.0017	-0.0004	0.0008	6.95E+06	0.339	2111.930	4202	0	8713	0.0013	-0.0003	0.0008	6.86E+06	0.272	3068.820	6200	0	12176	0.0015	-0.0004	0.0007	7.43E+06	0.316
1795.450	1199	0	8859	0.0016	-0.0003	0.0009	5.81E+06	0.255	1384.440	2202	0	11374	0.0017	-0.0004	0.0008	6.94E+06	0.342	2112.930	4202	0	8713	0.0013	-0.0003	0.0008	6.86E+06	0.273	3069.820	6200	0	12212	0.0015	-0.0004	0.0007	7.51E+06	0.319
1796.450	1199	0	9004	0.0016	-0.0003	0.0009	5.86E+06	0.255	1385.440	2201	0	11702	0.0017	-0.0004	0.0008	6.97E+06	0.343	2113.930	4201	0	8786	0.0013	-0.0003	0.0007	6.89E+06	0.274	3070.820	6200	0	12249	0.0015	-0.0004	0.0007	7.48E+06	0.319
1797.450	1198	0	9150	0.0016	-0.0003	0.0009	5.83E+06	0.255	1386.440	2201	0	11884	0.0017	-0.0005	0.0008	6.87E+06	0.342	2114.930	4199	0	8786	0.0013	-0.0003	0.0008	6.86E+06	0.272	3071.820	6199	0	12249	0.0015	-0.0004	0.0007	7.48E+06	0.321
1798.450	1200	0	9150	0.0016	-0.0003	0.0009	5.92E+06	0.254	1387.440	2199	0	11921	0.0017	-0.0005	0.0008	6.91E+06	0.346	2115.930	4200	0	8786	0.0013	-0.0003	0.0008	6.89E+06	0.273	3072.820	6200	0	12322	0.0016	-0.0004	0.0007	7.53E+06	0.322
1799.450	1200	0	9186	0.0016	-0.0003	0.0009	5.99E+06	0.254	1388.440	2200	0	11629	0.0017	-0.0005	0.0008	6.91E+06	0.344	2116.930	4199	0	8786	0.0013	-0.0003	0.0008	6.85E+06	0.274	3073.820	6202	0	12322	0.0016	-0.0004	0.0007	7.56E+06	0.323
1800.450	1201	0	9223	0.0016	-0.0003	0.0009	5.93E+06	0.255	1389.440	2201	0	11520	0.0017	-0.0005	0.0008	6.87E+06	0.341	2117.930	4200	0	8822	0.0013	-0.0003	0.0008	6.79E+06	0.273	3074.820	6200	0	12358	0.0016	-0.0004	0.0007	7.57E+06	0.325
1801.450	1200	0	9186	0.0016	-0.0003	0.0010	5.94E+06	0.257	1390.440	2200	0	11447	0.0017	-0.0005	0.0008	6.82E+06	0.343	2118.930	4202	0	8859	0.0013	-0.0003	0.0008	6.78E+06	0.275	3075.820	6200	0	12395	0.0016	-0.0004	0.0007	7.59E+06	0.325
1802.450	1200	0	9186	0.0016	-0.0003	0.0010	5.99E+06	0.256	1391.440	2200	0	11738	0.0017	-0.0005	0.0008	6.77E+06	0.344	2119.930	4201	0	8859	0.0013	-0.0003	0.0008	6.81E+06	0.277	3076.820	6201	0	12431	0.0016	-0.0004	0.0007	7.54E+06	0.323
1803.440	1201	0	9332	0.0016	-0.0003	0.0009	5.95E+06	0.253	1392.440	2199	0	12030	0.0017	-0.0005	0.0008	6.67E+06	0.340	2120.930	4200	0	8895	0.0014	-0.0003	0.0008	6.77E+06	0.276	3077.820	6200	0	12395	0.0016	-0.0004	0.0007	7.50E+06	0.318
1804.440	1200	0	9369	0.0016	-0.0003	0.0009	6.03E+06	0.257	1393.440	2202	0	12103	0.0018	-0.0005	0.0008	6.79E+06	0.342	2121.930	4200	0	8931	0.0013	-0.0003	0.0008	6.77E+06	0.277	3078.820	6199	0	12468	0.0016	-0.0004	0.0007	7.56E+06	0.318
1805.440	1199	0	9405	0.0016	-0.0003	0.0010	6.11E+06	0.258	1394.440	2201	0	11921	0.0018	-0.0005	0.0008	6.84E+06	0.342	2122.930	4202	0	8931	0.0014	-0.0003	0.0008	6.79E+06	0.277	3079.820	6200	0	12504	0.0016	-0.0004	0.0007	7.62E+06	0.320
1806.440	1202	0	9405	0.0016	-0.0003	0.0010	6.16E+06	0.261	1395.440	2199	0	11702	0.0018	-0.0005	0.0008	6.73E+06	0.338	2123.930	4200	0	8931	0.0014	-0.0003	0.0008	6										

1850.430	1202	0	10353	0.0018	-0.0004	0.0010	5.59E+06	0.274	1439.430	2200	0	13124	0.0019	-0.0005	0.0009	7.29E+06	0.367	2167.910	4198	0	10207	0.0016	-0.0004	0.0008	7.00E+06	0.299	3124.800	6200	0	13962	0.0018	-0.0005	0.0008	7.99E+06	0.370
1851.430	1203	0	10608	0.0018	-0.0004	0.0010	5.57E+06	0.276	1440.420	2201	0	13452	0.0019	-0.0005	0.0009	7.29E+06	0.367	2168.910	4200	0	10353	0.0015	-0.0003	0.0009	6.96E+06	0.297	3125.800	6200	0	13999	0.0018	-0.0005	0.0008	7.93E+06	0.369
1852.430	1200	0	10754	0.0018	-0.0004	0.0010	5.56E+06	0.278	1441.420	2201	0	13525	0.0020	-0.0005	0.0009	7.27E+06	0.369	2169.910	4201	0	10280	0.0016	-0.0003	0.0009	6.92E+06	0.296	3126.800	6199	0	14072	0.0018	-0.0005	0.0008	7.97E+06	0.369
1853.430	1201	0	10645	0.0018	-0.0004	0.0010	5.63E+06	0.278	1442.420	2199	0	13306	0.0020	-0.0005	0.0009	7.40E+06	0.377	2170.910	4200	0	10353	0.0015	-0.0004	0.0008	6.87E+06	0.296	3127.800	6199	0	14108	0.0018	-0.0005	0.0007	7.93E+06	0.369
1854.430	1199	0	10791	0.0018	-0.0004	0.0010	5.66E+06	0.277	1443.420	2202	0	13306	0.0020	-0.0005	0.0009	7.37E+06	0.374	2171.910	4201	0	10353	0.0016	-0.0004	0.0009	6.92E+06	0.297	3128.800	6199	0	14108	0.0018	-0.0005	0.0008	7.82E+06	0.366
1855.430	1201	0	10681	0.0018	-0.0004	0.0010	5.61E+06	0.278	1444.420	2201	0	13269	0.0020	-0.0005	0.0009	7.38E+06	0.373	2172.910	4200	0	10426	0.0016	-0.0004	0.0009	6.88E+06	0.295	3129.800	6200	0	14144	0.0018	-0.0005	0.0008	7.67E+06	0.363
1856.430	1200	0	10499	0.0018	-0.0004	0.0010	5.61E+06	0.279	1445.420	2201	0	13452	0.0020	-0.0005	0.0009	7.40E+06	0.376	2173.910	4201	0	10499	0.0016	-0.0004	0.0009	6.91E+06	0.292	3130.800	6198	0	14144	0.0018	-0.0005	0.0008	7.66E+06	0.362
1857.430	1202	0	10754	0.0018	-0.0004	0.0010	5.62E+06	0.281	1446.420	2200	0	13670	0.0019	-0.0005	0.0009	7.39E+06	0.374	2174.910	4198	0	10426	0.0016	-0.0004	0.0009	6.83E+06	0.290	3131.800	6199	0	14217	0.0018	-0.0005	0.0008	7.64E+06	0.361
1858.430	1200	0	10827	0.0018	-0.0004	0.0011	5.67E+06	0.283	1447.420	2201	0	13780	0.0020	-0.0005	0.0009	7.36E+06	0.375	2175.910	4201	0	10499	0.0016	-0.0004	0.0009	6.83E+06	0.290	3132.800	6201	0	14217	0.0018	-0.0005	0.0008	7.67E+06	0.363
1859.430	1203	0	10864	0.0018	-0.0004	0.0010	5.68E+06	0.282	1448.420	2201	0	13488	0.0020	-0.0005	0.0009	7.47E+06	0.377	2176.910	4199	0	10463	0.0016	-0.0004	0.0009	6.84E+06	0.291	3133.800	6200	0	14327	0.0018	-0.0005	0.0008	7.65E+06	0.363
1860.430	1201	0	10936	0.0018	-0.0004	0.0011	5.62E+06	0.278	1449.420	2201	0	13379	0.0020	-0.0005	0.0009	7.47E+06	0.374	2177.910	4200	0	10535	0.0016	-0.0004	0.0009	6.79E+06	0.290	3134.800	6200	0	14327	0.0018	-0.0005	0.0008	7.56E+06	0.364
1861.430	1199	0	10791	0.0019	-0.0004	0.0011	5.43E+06	0.275	1450.420	2201	0	13525	0.0020	-0.0005	0.0009	7.40E+06	0.373	2178.910	4202	0	10499	0.0016	-0.0004	0.0009	6.85E+06	0.291	3135.800	6200	0	14327	0.0018	-0.0005	0.0008	7.57E+06	0.364
1862.430	1200	0	10645	0.0019	-0.0004	0.0011	5.48E+06	0.277	1451.420	2199	0	13561	0.0020	-0.0005	0.0009	7.45E+06	0.374	2179.910	4200	0	10645	0.0016	-0.0004	0.0009	6.86E+06	0.293	3136.800	6200	0	14363	0.0018	-0.0005	0.0008	7.59E+06	0.365
1863.430	1201	0	10827	0.0018	-0.0004	0.0011	5.45E+06	0.277	1452.420	2201	0	13780	0.0020	-0.0006	0.0009	7.35E+06	0.370	2180.910	4199	0	10378	0.0016	-0.0004	0.0009	6.72E+06	0.291	3137.800	6199	0	14400	0.0018	-0.0005	0.0008	7.55E+06	0.363
1864.430	1200	0	11009	0.0018	-0.0004	0.0011	5.48E+06	0.277	1453.420	2199	0	13962	0.0020	-0.0006	0.0009	7.35E+06	0.370	2181.910	4198	0	10608	0.0016	-0.0004	0.0009	6.73E+06	0.291	3138.800	6201	0	14509	0.0018	-0.0005	0.0008	7.59E+06	0.366
1865.430	1199	0	11009	0.0018	-0.0004	0.0011	5.54E+06	0.276	1454.420	2202	0	13670	0.0020	-0.0006	0.0009	7.63E+06	0.377	2182.910	4200	0	10645	0.0016	-0.0004	0.0009	6.71E+06	0.288	3139.800	6201	0	14473	0.0018	-0.0005	0.0008	7.55E+06	0.366
1866.420	1198	0	11009	0.0019	-0.0004	0.0011	5.50E+06	0.278	1455.420	2200	0	13598	0.0020	-0.0006	0.0009	7.72E+06	0.377	2183.910	4198	0	10718	0.0016	-0.0004	0.0009	6.73E+06	0.288	3140.800	6201	0	14545	0.0018	-0.0005	0.0008	7.48E+06	0.363
1867.420	1200	0	10936	0.0019	-0.0004	0.0011	5.40E+06	0.277	1456.420	2200	0	13598	0.0020	-0.0006	0.0009	7.67E+06	0.378	2184.910	4201	0	10754	0.0016	-0.0004	0.0009	6.76E+06	0.288	3141.800	6199	0	14545	0.0018	-0.0005	0.0008	7.52E+06	0.365
1868.420	1200	0	10791	0.0019	-0.0004	0.0011	5.53E+06	0.279	1457.420	2201	0	13670	0.0020	-0.0006	0.0009	7.72E+06	0.378	2185.910	4201	0	10791	0.0016	-0.0004	0.0009	6.69E+06	0.288	3142.800	6199	0	14545	0.0018	-0.0005	0.0008	7.50E+06	0.362
1869.420	1201	0	11009	0.0019	-0.0004	0.0011	5.54E+06	0.279	1458.420	2200	0	14035	0.0020	-0.0006	0.0009	7.68E+06	0.374	2186.910	4199	0	10827	0.0016	-0.0004	0.0009	6.77E+06	0.290	3143.800	6199	0	14582	0.0018	-0.0005	0.0008	7.42E+06	0.362
1870.420	1200	0	11082	0.0019	-0.0004	0.0011	5.48E+06	0.280	1459.420	2201	0	14108	0.0020	-0.0006	0.0009	7.54E+06	0.371	2187.910	4201	0	10791	0.0016	-0.0004	0.0009	6.73E+06	0.291	3144.800	6201	0	14691	0.0018	-0.0005	0.0008	7.39E+06	0.362
1871.420	1202	0	11119	0.0019	-0.0004	0.0011	5.56E+06	0.282	1460.420	2199	0	13962	0.0020	-0.0006	0.0009	7.47E+06	0.369	2188.910	4198	0	10827	0.0016	-0.0004	0.0009	6.60E+06	0.292	3145.800	6199	0	14691	0.0018	-0.0005	0.0008	7.32E+06	0.361
1872.420	1200	0	11191	0.0019	-0.0004	0.0011	5.54E+06	0.283	1461.420	2198	0	13816	0.0020	-0.0006	0.0009	7.50E+06	0.366	2189.910	4199	0	10864	0.0016	-0.0004	0.0009	6.65E+06	0.291	3146.800	6199	0	14691	0.0019	-0.0005	0.0008	7.28E+06	0.357
1873.420	1202	0	11119	0.0019	-0.0004	0.0011	5.44E+06	0.282	1462.420	2201	0	13889	0.0020	-0.0006	0.0009	7.46E+06	0.363	2190.910	4200	0	10900	0.0016	-0.0004	0.0009	6.63E+06	0.290	3147.800	6201	0	14655	0.0019	-0.0005	0.0008	7.26E+06	0.354
1874.420	1200	0	10973	0.0019	-0.0004	0.0011	5.44E+06	0.285	1463.420	2201	0	14071	0.0020	-0.0006	0.0009	7.43E+06	0.363	2191.910	4199	0	11009	0.0016	-0.0004	0.0009	6.61E+06	0.285	3148.800	6199	0	14728	0.0019	-0.0005	0.0008	7.22E+06	0.353
1875.420	1202	0	11119	0.0019	-0.0004	0.0011	5.42E+06	0.287	1464.420	2201	0	14254	0.0020	-0.0006	0.0009	7.43E+06	0.366	2192.900	4200	0	11009	0.0016	-0.0004	0.0009	6.62E+06	0.287	3149.800	6199	0	14764	0.0019	-0.0005	0.0008	7.14E+06	0.351
1876.420	1201	0	11228	0.0019	-0.0004	0.0011	5.39E+06	0.289	1465.420	2200	0	14327	0.0020	-0.0006	0.0009	7.31E+06	0.363	2193.900	4199	0	10973	0.0017	-0.0004	0.0009	6.61E+06	0.286	3150.800	6201	0	14764	0.0019	-0.0005	0.0008	7.14E+06	0.350
1877.420	1200	0	11301	0.0019	-0.0004	0.0011	5.52E+06	0.293	1466.420	2201	0	14108	0.0021	-0.0006	0.0009	7.50E+06	0.365	2194.900	4201	0	10973	0.0017	-0.0004	0.0009	6.64E+06	0.287	3151.800	6200	0	14910	0.0019	-0.0005	0.0008	7.19E+06	0.348
1878.420	1201	0	11374	0.0019	-0.0004	0.0011	5.52E+06	0.292	1467.420	2201	0	13999	0.0021	-0.0006	0.0009	7.56E+06	0.365	2195.900	4199	0	11009	0.0017	-0.0004	0.0009	6.64E+06	0.285	3152.800	6199	0	14910	0.0019	-0.0005	0.0008	7.13E+06	0.346
1879.420	1201	0	11301	0.0019	-0.0004	0.0011	5.43E+06	0.293	1468.420	2200	0	14071	0.0021	-0.0006	0.0009	7.52E+06	0.364	2196.900	4202	0	11119	0.0017	-0.0004	0.0009	6.71E+06	0.287	3153.800	6200	0	14910	0.0019	-0.0005	0.0008	7.16E+06	0.347
1880.420	1199	0	11155	0.0019	-0.0004	0.0011	5.65E+06	0.297	1469.420	2201	0	14254	0.0021	-0.0006	0.0009	7.56E+06	0.365	2197.900	4201	0	11119	0.0017	-0.0004	0.0009	6.66E+06	0.285	3154.800	6200	0	14983	0.0019	-0.0006	0.0008	7.17E+06	0.348
1881.420	1200	0	11228	0.0019	-0.0004	0.0011	5.62E+06	0.302	1470.420	2201	0	14400	0.0020	-0.0006	0.0009	7.57E+06	0.365	2198.900	4200	0	11192	0.0017	-0.0004	0.0009	6.73E+06	0.289	3155.790	6199	0	14983	0.0019	-0.0005	0.0008	7.13E+06	0.347
1882.420	1199	0	11410	0.0019	-0.0004	0.0011	5.55E+06	0.303	1471.410	2201	0	14545	0.0021	-0.0006	0.0009	7.55E+06	0.363	2199.9																	

1926.410	1201	0	12613	0.0021	-0.0005	0.0012	5.68E+06	0.355	1515.400	2201	0	15603	0.0023	-0.0007	0.0009	7.18E+06	0.387	2243.890	4200	0	12431	0.0019	-0.0004	0.0010	6.72E+06	0.318	3200.780	6199	0	16405	0.0021	-0.0006	0.0008	7.36E+06	0.370
1927.410	1199	0	12468	0.0021	-0.0005	0.0012	5.60E+06	0.355	1516.400	2202	0	15712	0.0023	-0.0007	0.0009	7.16E+06	0.385	2244.890	4200	0	12431	0.0019	-0.0004	0.0010	6.72E+06	0.316	3201.780	6199	0	16405	0.0021	-0.0006	0.0009	7.31E+06	0.370
1928.400	1200	0	12358	0.0021	-0.0005	0.0012	5.60E+06	0.358	1517.400	2199	0	15858	0.0022	-0.0007	0.0009	7.20E+06	0.386	2245.890	4199	0	12504	0.0019	-0.0004	0.0010	6.70E+06	0.319	3202.780	6199	0	16405	0.0021	-0.0006	0.0008	7.41E+06	0.371
1929.400	1201	0	12468	0.0021	-0.0005	0.0011	5.58E+06	0.357	1518.400	2200	0	15931	0.0022	-0.0007	0.0009	7.24E+06	0.385	2246.890	4200	0	12504	0.0019	-0.0004	0.0010	6.70E+06	0.320	3203.780	6199	0	16441	0.0021	-0.0006	0.0008	7.37E+06	0.371
1930.400	1200	0	12686	0.0021	-0.0005	0.0011	5.53E+06	0.359	1519.400	2199	0	16004	0.0023	-0.0007	0.0009	7.18E+06	0.384	2247.890	4199	0	12504	0.0019	-0.0005	0.0010	6.73E+06	0.321	3204.780	6200	0	16514	0.0021	-0.0006	0.0008	7.34E+06	0.370
1931.400	1200	0	12723	0.0021	-0.0005	0.0012	5.63E+06	0.365	1520.400	2199	0	15894	0.0023	-0.0007	0.0009	7.19E+06	0.385	2248.890	4202	0	12613	0.0019	-0.0004	0.0010	6.69E+06	0.318	3205.780	6201	0	16550	0.0021	-0.0006	0.0008	7.47E+06	0.374
1932.400	1201	0	12796	0.0021	-0.0005	0.0012	5.66E+06	0.367	1521.400	2200	0	15821	0.0023	-0.0007	0.0010	7.31E+06	0.387	2249.890	4199	0	12540	0.0019	-0.0005	0.0010	6.71E+06	0.321	3206.780	6200	0	16587	0.0021	-0.0006	0.0009	7.46E+06	0.378
1933.400	1200	0	12686	0.0022	-0.0005	0.0012	5.49E+06	0.364	1522.400	2201	0	15931	0.0023	-0.0007	0.0009	7.29E+06	0.386	2250.890	4200	0	12650	0.0019	-0.0005	0.0010	6.68E+06	0.316	3207.780	6199	0	16623	0.0021	-0.0006	0.0009	7.39E+06	0.377
1934.400	1201	0	12540	0.0022	-0.0005	0.0012	5.42E+06	0.364	1523.400	2200	0	16076	0.0023	-0.0007	0.0009	7.29E+06	0.389	2251.890	4201	0	12686	0.0019	-0.0005	0.0010	6.66E+06	0.314	3208.780	6199	0	16623	0.0021	-0.0006	0.0009	7.35E+06	0.376
1935.400	1203	0	12613	0.0021	-0.0005	0.0012	5.42E+06	0.367	1524.400	2198	0	16076	0.0023	-0.0007	0.0009	7.38E+06	0.393	2252.890	4201	0	12613	0.0019	-0.0005	0.0010	6.70E+06	0.316	3209.780	6199	0	16623	0.0021	-0.0006	0.0009	7.31E+06	0.376
1936.400	1200	0	12832	0.0021	-0.0005	0.0012	5.34E+06	0.367	1525.400	2201	0	16186	0.0023	-0.0007	0.0010	7.33E+06	0.389	2253.890	4201	0	12650	0.0019	-0.0005	0.0010	6.74E+06	0.319	3210.780	6200	0	16696	0.0021	-0.0006	0.0009	7.32E+06	0.374
1937.400	1200	0	12941	0.0021	-0.0005	0.0012	5.37E+06	0.371	1526.400	2198	0	16076	0.0023	-0.0007	0.0010	7.42E+06	0.393	2254.890	4198	0	12686	0.0019	-0.0005	0.0010	6.72E+06	0.318	3211.780	6201	0	16733	0.0021	-0.0006	0.0009	7.36E+06	0.372
1938.400	1200	0	12941	0.0022	-0.0005	0.0012	5.29E+06	0.372	1527.400	2199	0	15967	0.0023	-0.0007	0.0010	7.54E+06	0.396	2255.880	4199	0	12832	0.0019	-0.0005	0.0010	6.73E+06	0.319	3212.780	6199	0	16769	0.0021	-0.0006	0.0009	7.41E+06	0.375
1939.400	1201	0	12832	0.0022	-0.0005	0.0012	5.22E+06	0.372	1528.400	2201	0	16113	0.0023	-0.0007	0.0009	7.47E+06	0.394	2256.880	4201	0	12796	0.0019	-0.0005	0.0010	6.75E+06	0.321	3213.780	6199	0	16842	0.0021	-0.0006	0.0009	7.47E+06	0.376
1940.400	1201	0	12723	0.0022	-0.0005	0.0012	5.17E+06	0.372	1529.400	2201	0	16222	0.0023	-0.0007	0.0010	7.36E+06	0.395	2257.880	4200	0	12796	0.0019	-0.0005	0.0010	6.75E+06	0.324	3214.780	6199	0	16769	0.0021	-0.0006	0.0009	7.48E+06	0.376
1941.400	1201	0	12686	0.0022	-0.0005	0.0012	5.19E+06	0.372	1530.400	2201	0	16259	0.0023	-0.0007	0.0009	7.31E+06	0.398	2258.880	4201	0	12832	0.0019	-0.0005	0.0010	6.81E+06	0.324	3215.780	6199	0	16806	0.0021	-0.0006	0.0009	7.53E+06	0.376
1942.400	1200	0	12978	0.0022	-0.0005	0.0012	5.19E+06	0.372	1531.400	2200	0	16368	0.0023	-0.0007	0.0010	7.26E+06	0.402	2259.880	4200	0	12832	0.0019	-0.0005	0.0010	6.81E+06	0.326	3216.780	6199	0	16952	0.0021	-0.0006	0.0008	7.55E+06	0.378
1943.400	1199	0	13051	0.0022	-0.0005	0.0012	5.27E+06	0.376	1532.400	2200	0	16295	0.0023	-0.0007	0.0010	7.28E+06	0.406	2260.880	4201	0	12905	0.0019	-0.0005	0.0010	6.81E+06	0.328	3217.770	6199	0	16952	0.0021	-0.0006	0.0008	7.54E+06	0.376
1944.400	1201	0	13051	0.0022	-0.0005	0.0012	5.34E+06	0.381	1533.400	2199	0	16259	0.0023	-0.0007	0.0010	7.27E+06	0.408	2261.880	4200	0	12941	0.0019	-0.0005	0.0010	6.79E+06	0.329	3218.770	6200	0	16915	0.0022	-0.0006	0.0009	7.58E+06	0.373
1945.400	1200	0	12978	0.0022	-0.0005	0.0012	5.36E+06	0.382	1534.390	2199	0	16295	0.0023	-0.0007	0.0010	7.25E+06	0.410	2262.880	4198	0	12978	0.0019	-0.0005	0.0010	6.86E+06	0.331	3219.770	6199	0	17024	0.0022	-0.0006	0.0009	7.52E+06	0.372
1946.400	1199	0	12869	0.0022	-0.0005	0.0012	5.33E+06	0.383	1535.390	2197	0	16076	0.0024	-0.0007	0.0010	7.15E+06	0.408	2263.880	4200	0	13014	0.0019	-0.0005	0.0010	6.86E+06	0.333	3220.770	6200	0	17061	0.0022	-0.0006	0.0009	7.51E+06	0.373
1947.400	1201	0	12869	0.0022	-0.0005	0.0012	5.38E+06	0.384	1536.390	2199	0	16149	0.0023	-0.0007	0.0010	7.16E+06	0.408	2264.880	4199	0	13087	0.0019	-0.0005	0.0010	6.86E+06	0.338	3221.770	6200	0	17061	0.0022	-0.0006	0.0009	7.48E+06	0.373
1948.400	1199	0	13124	0.0022	-0.0005	0.0012	5.37E+06	0.385	1537.390	2200	0	16550	0.0023	-0.0007	0.0010	7.09E+06	0.403	2265.880	4199	0	13051	0.0020	-0.0005	0.0010	6.87E+06	0.336	3222.770	6199	0	17061	0.0022	-0.0007	0.0009	7.47E+06	0.372
1949.400	1201	0	13160	0.0022	-0.0005	0.0012	5.40E+06	0.389	1538.390	2201	0	16550	0.0023	-0.0007	0.0010	7.09E+06	0.404	2266.880	4200	0	13051	0.0020	-0.0005	0.0010	6.77E+06	0.334	3223.770	6199	0	17134	0.0022	-0.0006	0.0009	7.46E+06	0.373
1950.400	1201	0	13269	0.0022	-0.0005	0.0012	5.41E+06	0.387	1539.390	2201	0	16587	0.0023	-0.0007	0.0010	7.16E+06	0.403	2267.880	4200	0	13087	0.0020	-0.0005	0.0010	6.78E+06	0.333	3224.770	6199	0	17134	0.0022	-0.0007	0.0009	7.50E+06	0.374
1951.400	1199	0	13124	0.0022	-0.0005	0.0012	5.38E+06	0.385	1540.390	2201	0	16550	0.0024	-0.0007	0.0010	7.10E+06	0.403	2268.880	4198	0	13124	0.0020	-0.0005	0.0010	6.76E+06	0.330	3225.770	6199	0	17061	0.0022	-0.0007	0.0009	7.52E+06	0.375
1952.400	1200	0	13014	0.0022	-0.0005	0.0012	5.33E+06	0.382	1541.390	2200	0	16587	0.0023	-0.0007	0.0010	7.00E+06	0.402	2269.880	4200	0	13124	0.0020	-0.0005	0.0010	6.72E+06	0.327	3226.770	6200	0	17134	0.0022	-0.0007	0.0009	7.52E+06	0.374
1953.400	1200	0	12978	0.0022	-0.0005	0.0012	5.31E+06	0.385	1542.390	2200	0	16696	0.0024	-0.0007	0.0010	7.01E+06	0.403	2270.880	4202	0	13160	0.0020	-0.0005	0.0010	6.69E+06	0.327	3227.770	6200	0	17243	0.0022	-0.0007	0.0009	7.48E+06	0.373
1954.400	1202	0	13269	0.0022	-0.0005	0.0012	5.28E+06	0.385	1543.390	2201	0	16769	0.0024	-0.0007	0.0010	6.93E+06	0.400	2271.880	4199	0	13197	0.0020	-0.0005	0.0010	6.69E+06	0.326	3228.770	6200	0	17243	0.0022	-0.0007	0.0009	7.46E+06	0.373
1955.400	1200	0	13342	0.0022	-0.0005	0.0012	5.34E+06	0.388	1544.390	2199	0	16623	0.0024	-0.0007	0.0010	7.03E+06	0.405	2272.880	4201	0	13269	0.0020	-0.0005	0.0010	6.66E+06	0.326	3229.770	6199	0	17279	0.0022	-0.0007	0.0009	7.47E+06	0.373
1956.400	1201	0	13379	0.0022	-0.0005	0.0012	5.42E+06	0.388	1545.390	2200	0	16623	0.0024	-0.0007	0.0010	7.16E+06	0.409	2273.880	4201	0	13269	0.0020	-0.0005	0.0010	6.59E+06	0.327	3230.770	6201	0	17389	0.0022	-0.0007	0.0009	7.59E+06	0.377
1957.400	1200	0	13342	0.0023	-0.0005	0.0012	5.36E+06	0.386	1546.390	2202	0	16733	0.0024	-0.0007	0.0010	7.16E+06	0.410	2274.880	4201	0	13233	0.0020	-0.0005	0.0010	6.63E+06	0.327	3231.770	6199	0	17316	0.0022	-0.0007	0.0009	7.57E+06	0.380
1958.400	1201	0	13124	0.0023	-0.0005	0.0012	5.35E+06	0.386	1547.390	2201	0	16769	0.0024	-0.0007	0.0010	7.06E+06	0.405	2275.8																	

2002.380	1201	0	14327	0.0024	-0.0006	0.0012	4.99E+06	0.414	1591.380	2200	0	18045	0.0026	-0.0008	0.0010	5.93E+06	0.455	2319.860	4200	0	14545	0.0022	-0.0005	0.0011	6.89E+06	0.339	3276.760	6199	0	18774	0.0024	-0.0007	0.0009	7.30E+06	0.395
2003.380	1201	0	14509	0.0024	-0.0006	0.0012	4.99E+06	0.414	1592.380	2200	0	17972	0.0026	-0.0008	0.0010	5.90E+06	0.457	2320.860	4200	0	14545	0.0022	-0.0005	0.0011	6.84E+06	0.340	3277.760	6199	0	18884	0.0024	-0.0007	0.0009	7.30E+06	0.394
2004.380	1201	0	14509	0.0024	-0.0006	0.0012	5.02E+06	0.417	1593.380	2199	0	18009	0.0026	-0.0008	0.0010	5.94E+06	0.461	2321.860	4199	0	14582	0.0022	-0.0005	0.0011	6.82E+06	0.343	3278.760	6202	0	18920	0.0024	-0.0007	0.0009	7.31E+06	0.394
2005.380	1200	0	14509	0.0025	-0.0006	0.0012	5.01E+06	0.421	1594.380	2200	0	18045	0.0026	-0.0008	0.0010	5.86E+06	0.458	2322.860	4200	0	14655	0.0022	-0.0006	0.0011	6.82E+06	0.345	3279.760	6199	0	18847	0.0024	-0.0007	0.0009	7.25E+06	0.393
2006.380	1202	0	14473	0.0025	-0.0006	0.0012	4.93E+06	0.420	1595.380	2201	0	18081	0.0026	-0.0008	0.0010	5.76E+06	0.459	2323.860	4201	0	14691	0.0022	-0.0006	0.0011	6.79E+06	0.347	3280.750	6201	0	18920	0.0024	-0.0007	0.0009	7.18E+06	0.392
2007.380	1201	0	14509	0.0025	-0.0006	0.0012	4.93E+06	0.420	1596.370	2201	0	18081	0.0026	-0.0008	0.0010	5.83E+06	0.463	2324.860	4201	0	14801	0.0022	-0.0006	0.0011	6.72E+06	0.347	3281.750	6199	0	18920	0.0024	-0.0007	0.0009	7.20E+06	0.393
2008.380	1199	0	14545	0.0025	-0.0006	0.0012	4.90E+06	0.418	1597.370	2201	0	18191	0.0026	-0.0008	0.0010	5.77E+06	0.462	2325.860	4198	0	14764	0.0022	-0.0006	0.0011	6.76E+06	0.349	3282.750	6200	0	18993	0.0024	-0.0007	0.0009	7.20E+06	0.393
2009.380	1201	0	14728	0.0025	-0.0006	0.0012	4.91E+06	0.420	1598.370	2201	0	18154	0.0026	-0.0008	0.0010	5.77E+06	0.460	2326.860	4200	0	14801	0.0022	-0.0006	0.0011	6.71E+06	0.351	3283.750	6199	0	18993	0.0024	-0.0008	0.0009	7.23E+06	0.393
2010.380	1202	0	14728	0.0025	-0.0006	0.0012	5.00E+06	0.422	1599.370	2200	0	18154	0.0026	-0.0008	0.0010	5.85E+06	0.467	2327.860	4200	0	14801	0.0022	-0.0006	0.0011	6.62E+06	0.350	3284.750	6201	0	19066	0.0024	-0.0008	0.0009	7.14E+06	0.392
2011.380	1199	0	14655	0.0025	-0.0006	0.0012	4.90E+06	0.422	1600.370	2201	0	18227	0.0026	-0.0008	0.0010	5.79E+06	0.465	2328.860	4201	0	14837	0.0022	-0.0006	0.0011	6.62E+06	0.351	3285.750	6199	0	19102	0.0024	-0.0008	0.0009	7.09E+06	0.392
2012.380	1200	0	14473	0.0025	-0.0006	0.0012	4.84E+06	0.421	1601.370	2200	0	18227	0.0026	-0.0008	0.0010	5.73E+06	0.466	2329.860	4200	0	14910	0.0022	-0.0006	0.0011	6.57E+06	0.354	3286.750	6199	0	19066	0.0024	-0.0008	0.0009	7.04E+06	0.390
2013.380	1200	0	14509	0.0025	-0.0006	0.0012	4.82E+06	0.422	1602.370	2198	0	18264	0.0026	-0.0008	0.0010	5.73E+06	0.469	2330.860	4200	0	14910	0.0022	-0.0006	0.0011	6.56E+06	0.353	3287.750	6202	0	19102	0.0024	-0.0008	0.0009	6.99E+06	0.392
2014.380	1200	0	14618	0.0025	-0.0006	0.0012	4.86E+06	0.423	1603.370	2201	0	18373	0.0026	-0.0008	0.0010	5.69E+06	0.467	2331.860	4199	0	14910	0.0022	-0.0006	0.0011	6.54E+06	0.353	3288.750	6199	0	19139	0.0024	-0.0008	0.0009	7.01E+06	0.394
2015.380	1201	0	14764	0.0025	-0.0006	0.0012	4.81E+06	0.425	1604.370	2200	0	18300	0.0026	-0.0008	0.0010	5.62E+06	0.464	2332.860	4200	0	14910	0.0022	-0.0006	0.0011	6.55E+06	0.353	3289.750	6199	0	19248	0.0024	-0.0008	0.0009	6.88E+06	0.391
2016.380	1201	0	14801	0.0025	-0.0006	0.0012	4.82E+06	0.430	1605.370	2200	0	18410	0.0026	-0.0008	0.0010	5.73E+06	0.474	2333.860	4200	0	14910	0.0022	-0.0006	0.0011	6.55E+06	0.354	3290.750	6200	0	19175	0.0025	-0.0008	0.0009	6.96E+06	0.392
2017.380	1199	0	14764	0.0025	-0.0006	0.0012	4.86E+06	0.432	1606.370	2201	0	18373	0.0026	-0.0008	0.0010	5.63E+06	0.471	2334.860	4199	0	14983	0.0022	-0.0006	0.0011	6.58E+06	0.354	3291.750	6199	0	19284	0.0025	-0.0008	0.0009	6.95E+06	0.395
2018.380	1201	0	14655	0.0025	-0.0006	0.0012	4.84E+06	0.433	1607.370	2201	0	18373	0.0026	-0.0008	0.0010	5.52E+06	0.470	2335.860	4200	0	15019	0.0022	-0.0006	0.0011	6.53E+06	0.354	3292.750	6199	0	19248	0.0025	-0.0008	0.0009	6.89E+06	0.394
2019.380	1200	0	14582	0.0025	-0.0006	0.0012	4.80E+06	0.432	1608.370	2201	0	18410	0.0026	-0.0008	0.0010	5.56E+06	0.475	2336.860	4199	0	14983	0.0023	-0.0006	0.0011	6.53E+06	0.355	3293.750	6200	0	19321	0.0025	-0.0008	0.0009	6.89E+06	0.395
2020.380	1199	0	14691	0.0025	-0.0006	0.0012	4.80E+06	0.435	1609.370	2201	0	18555	0.0026	-0.0008	0.0010	5.49E+06	0.475	2337.860	4200	0	15019	0.0023	-0.0006	0.0011	6.63E+06	0.358	3294.750	6199	0	19394	0.0025	-0.0008	0.0009	6.90E+06	0.395
2021.380	1201	0	14910	0.0025	-0.0007	0.0012	4.79E+06	0.434	1610.370	2199	0	18519	0.0027	-0.0008	0.0010	5.39E+06	0.473	2338.860	4199	0	15129	0.0023	-0.0006	0.0011	6.61E+06	0.356	3295.750	6200	0	19430	0.0025	-0.0008	0.0009	6.84E+06	0.393
2022.370	1200	0	15019	0.0025	-0.0007	0.0012	4.82E+06	0.437	1611.370	2201	0	18483	0.0027	-0.0008	0.0010	5.43E+06	0.476	2339.860	4200	0	15092	0.0023	-0.0006	0.0011	6.63E+06	0.357	3296.750	6199	0	19430	0.0025	-0.0008	0.0009	6.79E+06	0.393
2023.370	1202	0	14946	0.0025	-0.0007	0.0012	4.84E+06	0.440	1612.370	2200	0	18519	0.0027	-0.0008	0.0010	5.37E+06	0.477	2340.860	4199	0	15165	0.0023	-0.0006	0.0011	6.58E+06	0.356	3297.750	6200	0	19430	0.0025	-0.0008	0.0009	6.73E+06	0.391
2024.370	1201	0	14801	0.0026	-0.0007	0.0012	4.88E+06	0.442	1613.370	2200	0	18592	0.0027	-0.0008	0.0010	5.30E+06	0.476	2341.860	4201	0	15165	0.0023	-0.0006	0.0011	6.57E+06	0.358	3298.750	6199	0	19503	0.0025	-0.0008	0.0009	6.72E+06	0.391
2025.370	1201	0	14728	0.0026	-0.0007	0.0012	4.78E+06	0.441	1614.370	2201	0	18555	0.0027	-0.0008	0.0010	5.34E+06	0.482	2342.860	4201	0	15202	0.0023	-0.0006	0.0011	6.59E+06	0.357	3299.750	6199	0	19467	0.0025	-0.0008	0.0009	6.75E+06	0.392
2026.370	1202	0	14837	0.0025	-0.0007	0.0012	4.73E+06	0.443	1615.370	2201	0	18628	0.0027	-0.0008	0.0010	5.27E+06	0.482	2343.860	4199	0	15238	0.0023	-0.0006	0.0011	6.56E+06	0.356	3300.750	6201	0	19467	0.0025	-0.0008	0.0009	6.80E+06	0.393
2027.370	1199	0	15056	0.0025	-0.0007	0.0012	4.73E+06	0.445	1616.370	2201	0	18555	0.0027	-0.0008	0.0010	5.31E+06	0.486	2344.860	4200	0	15274	0.0023	-0.0006	0.0011	6.48E+06	0.359	3301.750	6200	0	19540	0.0025	-0.0008	0.0009	6.75E+06	0.392
2028.370	1200	0	15165	0.0025	-0.0007	0.0012	4.74E+06	0.447	1617.370	2200	0	18592	0.0027	-0.0008	0.0010	5.33E+06	0.491	2345.860	4201	0	15274	0.0023	-0.0006	0.0011	6.40E+06	0.359	3302.750	6202	0	19613	0.0025	-0.0008	0.0009	6.77E+06	0.394
2029.370	1201	0	15056	0.0026	-0.0007	0.0012	4.74E+06	0.447	1618.370	2200	0	18665	0.0027	-0.0008	0.0010	5.24E+06	0.490	2346.860	4202	0	15311	0.0023	-0.0006	0.0011	6.34E+06	0.355	3303.750	6199	0	19649	0.0025	-0.0008	0.0009	6.86E+06	0.398
2030.370	1201	0	14837	0.0026	-0.0007	0.0012	4.69E+06	0.447	1619.370	2201	0	18738	0.0027	-0.0008	0.0010	5.19E+06	0.489	2347.860	4199	0	15347	0.0023	-0.0006	0.0011	6.30E+06	0.352	3304.750	6200	0	19576	0.0025	-0.0008	0.0009	6.90E+06	0.398
2031.370	1199	0	14801	0.0026	-0.0007	0.0012	4.63E+06	0.447	1620.370	2201	0	18665	0.0027	-0.0008	0.0010	5.21E+06	0.494	2348.850	4200	0	15311	0.0023	-0.0006	0.0011	6.29E+06	0.355	3305.750	6201	0	19649	0.0025	-0.0008	0.0010	6.91E+06	0.397
2032.370	1200	0	14983	0.0026	-0.0007	0.0012	4.71E+06	0.448	1621.370	2201	0	18811	0.0027	-0.0008	0.0010	5.11E+06	0.493	2349.850	4201	0	15384	0.0023	-0.0006	0.0011	6.25E+06	0.354	3306.750	6200	0	19686	0.0025	-0.0008	0.0009	6.94E+06	0.400
2033.370	1201	0	15165	0.0026	-0.0007	0.0012	4.78E+06	0.453	1622.370	2199	0	18701	0.0027	-0.0009	0.0010	5.00E+06	0.490	2350.850	4200	0	15493	0.0023	-0.0006	0.0011	6.33E+06	0.355	3307.750	6199	0	19795	0.0025	-0.0008	0.0009	6.90E+06	0.399
2034.370	1200	0	15347	0.0026	-0.0007	0.0012	4.81E+06	0.454	1623.370	2201	0	18811	0.0027	-0.0009	0.0010	5.04E+06	0.497	2351.8																	

2078.360	1200	0	16004	0.0028	-0.0008	0.0012	4.62E+06	0.515	1667.350	2199	0	19576	0.0029	-0.0010	0.0010	3.61E+06	0.591	2395.840	4200	0	16733	0.0025	-0.0007	0.0012	6.92E+06	0.375	3352.730	6199	0	21144	0.0027	-0.0009	0.0010	6.89E+06	0.399
2079.360	1198	0	15967	0.0028	-0.0008	0.0012	4.60E+06	0.516	1668.350	2201	0	19613	0.0029	-0.0010	0.0010	3.57E+06	0.591	2396.840	4200	0	16696	0.0025	-0.0007	0.0012	6.90E+06	0.378	3353.730	6199	0	21217	0.0027	-0.0009	0.0010	6.88E+06	0.401
2080.360	1200	0	15931	0.0028	-0.0008	0.0012	4.63E+06	0.518	1669.350	2199	0	19649	0.0029	-0.0010	0.0010	3.51E+06	0.590	2397.840	4200	0	16660	0.0025	-0.0007	0.0012	6.88E+06	0.374	3354.730	6201	0	21290	0.0027	-0.0009	0.0010	6.87E+06	0.406
2081.360	1200	0	16222	0.0028	-0.0008	0.0012	4.65E+06	0.523	1670.350	2200	0	19649	0.0029	-0.0010	0.0010	3.49E+06	0.588	2398.840	4200	0	16769	0.0025	-0.0007	0.0012	6.90E+06	0.374	3355.730	6199	0	21290	0.0027	-0.0009	0.0010	6.83E+06	0.404
2082.360	1199	0	16259	0.0028	-0.0008	0.0012	4.61E+06	0.522	1671.350	2201	0	19685	0.0029	-0.0010	0.0010	3.56E+06	0.597	2399.840	4200	0	16769	0.0025	-0.0007	0.0012	6.92E+06	0.378	3356.730	6201	0	21326	0.0027	-0.0009	0.0010	6.84E+06	0.402
2083.360	1200	0	16259	0.0028	-0.0008	0.0012	4.60E+06	0.525	1672.350	2200	0	19722	0.0029	-0.0010	0.0010	3.49E+06	0.592	2400.840	4200	0	16879	0.0025	-0.0007	0.0012	6.87E+06	0.376	3357.730	6199	0	21290	0.0028	-0.0009	0.0010	6.83E+06	0.404
2084.350	1200	0	16222	0.0028	-0.0008	0.0012	4.65E+06	0.532	1673.350	2200	0	19758	0.0029	-0.0010	0.0010	3.42E+06	0.589	2401.840	4201	0	16842	0.0025	-0.0007	0.0012	6.90E+06	0.379	3358.730	6199	0	21362	0.0028	-0.0009	0.0010	6.81E+06	0.403
2085.350	1200	0	16149	0.0028	-0.0008	0.0012	4.51E+06	0.530	1674.350	2199	0	19758	0.0029	-0.0010	0.0010	3.42E+06	0.589	2402.840	4199	0	16915	0.0025	-0.0007	0.0012	6.85E+06	0.378	3359.730	6199	0	21399	0.0028	-0.0009	0.0010	6.79E+06	0.403
2086.350	1200	0	16186	0.0028	-0.0008	0.0012	4.50E+06	0.536	1675.350	2201	0	19758	0.0029	-0.0010	0.0010	3.42E+06	0.585	2403.840	4199	0	16915	0.0025	-0.0007	0.0012	6.87E+06	0.381	3360.730	6201	0	21435	0.0027	-0.0009	0.0010	6.89E+06	0.409
2087.350	1199	0	16295	0.0028	-0.0008	0.0012	4.49E+06	0.539	1676.350	2199	0	19722	0.0030	-0.0010	0.0010	3.47E+06	0.587	2404.840	4198	0	16951	0.0025	-0.0007	0.0012	6.93E+06	0.382	3361.730	6199	0	21508	0.0027	-0.0009	0.0010	6.82E+06	0.404
2088.350	1200	0	16441	0.0028	-0.0008	0.0012	4.39E+06	0.540	1677.350	2201	0	19795	0.0029	-0.0010	0.0010	3.57E+06	0.598	2405.840	4200	0	16951	0.0026	-0.0007	0.0012	6.94E+06	0.385	3362.730	6199	0	21508	0.0028	-0.0009	0.0010	6.83E+06	0.404
2089.350	1199	0	16368	0.0028	-0.0008	0.0012	4.29E+06	0.541	1678.350	2201	0	19868	0.0030	-0.0010	0.0010	3.49E+06	0.596	2406.840	4202	0	16988	0.0026	-0.0007	0.0012	6.95E+06	0.383	3363.730	6198	0	21508	0.0028	-0.0009	0.0010	6.94E+06	0.407
2090.350	1200	0	16295	0.0028	-0.0008	0.0012	4.30E+06	0.550	1679.350	2201	0	19795	0.0030	-0.0010	0.0010	3.40E+06	0.588	2407.840	4200	0	17024	0.0026	-0.0007	0.0012	6.97E+06	0.383	3364.730	6199	0	21508	0.0028	-0.0009	0.0010	6.92E+06	0.405
2091.350	1201	0	16222	0.0028	-0.0008	0.0012	4.31E+06	0.554	1680.350	2200	0	19758	0.0030	-0.0010	0.0010	3.44E+06	0.584	2408.840	4200	0	17097	0.0026	-0.0007	0.0012	6.95E+06	0.382	3365.730	6201	0	21618	0.0028	-0.0009	0.0010	6.86E+06	0.402
2092.350	1200	0	16332	0.0028	-0.0008	0.0012	4.30E+06	0.559	1681.350	2199	0	19868	0.0029	-0.0010	0.0009	3.38E+06	0.581	2409.840	4198	0	17061	0.0026	-0.0007	0.0012	7.04E+06	0.382	3366.730	6200	0	21581	0.0028	-0.0009	0.0010	6.90E+06	0.405
2093.350	1200	0	16478	0.0028	-0.0008	0.0012	4.27E+06	0.561	1682.350	2200	0	19904	0.0030	-0.0010	0.0010	3.33E+06	0.575	2410.830	4201	0	17097	0.0026	-0.0007	0.0012	7.06E+06	0.381	3367.730	6200	0	21654	0.0028	-0.0009	0.0010	6.81E+06	0.405
2094.350	1198	0	16550	0.0028	-0.0008	0.0012	4.20E+06	0.564	1683.350	2199	0	19904	0.0030	-0.0010	0.0010	3.35E+06	0.579	2411.830	4199	0	17170	0.0026	-0.0007	0.0012	7.12E+06	0.379	3368.730	6200	0	21654	0.0028	-0.0009	0.0010	6.80E+06	0.405
2095.350	1201	0	16478	0.0029	-0.0008	0.0012	4.23E+06	0.569	1684.350	2200	0	19904	0.0030	-0.0010	0.0010	3.33E+06	0.583	2412.830	4200	0	17279	0.0026	-0.0007	0.0012	7.09E+06	0.377	3369.730	6199	0	21618	0.0028	-0.0009	0.0010	6.87E+06	0.405
2096.350	1199	0	16441	0.0029	-0.0008	0.0012	4.31E+06	0.574	1685.350	2201	0	19941	0.0030	-0.0010	0.0010	3.34E+06	0.576	2413.830	4200	0	17207	0.0026	-0.0007	0.0012	7.10E+06	0.377	3370.730	6199	0	21691	0.0028	-0.0009	0.0010	6.85E+06	0.405
2097.350	1201	0	16368	0.0029	-0.0008	0.0012	4.30E+06	0.571	1685.620	2201	0	19941	0.0030	-0.0010	0.0010	3.21E+06	0.564	2414.830	4199	0	17243	0.0026	-0.0007	0.0012	7.14E+06	0.379	3371.730	6201	0	21727	0.0028	-0.0009	0.0010	6.91E+06	0.410
2098.350	1198	0	16368	0.0029	-0.0008	0.0012	4.21E+06	0.569									2415.830	4199	0	17243	0.0026	-0.0007	0.0012	7.08E+06	0.378	3372.730	6199	0	21763	0.0028	-0.0009	0.0010	6.93E+06	0.411	
2099.350	1202	0	16587	0.0029	-0.0008	0.0012	4.06E+06	0.568									2416.830	4200	0	17243	0.0026	-0.0007	0.0012	7.07E+06	0.379	3373.730	6199	0	21763	0.0028	-0.0009	0.0010	6.90E+06	0.411	
2100.350	1200	0	16623	0.0029	-0.0008	0.0012	3.99E+06	0.573									2417.830	4200	0	17316	0.0026	-0.0007	0.0012	7.07E+06	0.376	3374.720	6199	0	21836	0.0028	-0.0009	0.0010	6.92E+06	0.415	
2101.350	1201	0	16550	0.0029	-0.0008	0.0012	4.01E+06	0.581									2418.830	4199	0	17425	0.0026	-0.0007	0.0012	7.07E+06	0.379	3375.720	6201	0	21873	0.0028	-0.0009	0.0010	7.02E+06	0.418	
2102.350	1199	0	16478	0.0029	-0.0008	0.0012	4.13E+06	0.584									2419.830	4200	0	17389	0.0026	-0.0007	0.0012	6.99E+06	0.378	3376.720	6199	0	21836	0.0028	-0.0009	0.0010	7.03E+06	0.414	
2103.350	1198	0	16441	0.0029	-0.0008	0.0012	4.20E+06	0.586									2420.830	4200	0	17462	0.0026	-0.0007	0.0012	6.98E+06	0.375	3377.720	6199	0	21909	0.0028	-0.0009	0.0010	7.08E+06	0.415	
2104.350	1200	0	16478	0.0029	-0.0008	0.0012	4.09E+06	0.582									2421.830	4200	0	17462	0.0026	-0.0007	0.0012	6.95E+06	0.371	3378.720	6201	0	21909	0.0028	-0.0009	0.0010	7.07E+06	0.415	
2105.350	1201	0	16733	0.0029	-0.0008	0.0012	3.94E+06	0.579									2422.830	4201	0	17425	0.0026	-0.0007	0.0012	6.90E+06	0.368	3379.720	6201	0	21946	0.0028	-0.0009	0.0010	7.04E+06	0.414	
2106.350	1202	0	16842	0.0029	-0.0008	0.0012	3.72E+06	0.575									2423.830	4199	0	17498	0.0026	-0.0007	0.0012	6.81E+06	0.367	3380.720	6199	0	22019	0.0028	-0.0009	0.0010	7.12E+06	0.415	
2107.350	1201	0	16842	0.0029	-0.0008	0.0012	3.79E+06	0.579									2424.830	4200	0	17498	0.0026	-0.0007	0.0012	6.81E+06	0.370	3381.720	6199	0	22055	0.0029	-0.0009	0.0010	7.09E+06	0.416	
2108.350	1200	0	16623	0.0029	-0.0008	0.0012	3.83E+06	0.582									2425.830	4201	0	17571	0.0026	-0.0007	0.0012	6.78E+06	0.368	3382.720	6199	0	22019	0.0028	-0.0009	0.0010	7.00E+06	0.413	
2109.350	1199	0	16587	0.0029	-0.0008	0.0012	3.81E+06	0.578									2426.830	4200	0	17608	0.0026	-0.0007	0.0012	6.79E+06	0.369	3383.720	6199	0	22092	0.0028	-0.0009	0.0010	7.01E+06	0.414	
2110.350	1198	0	16514	0.0029	-0.0008	0.0012	3.78E+06	0.579									2427.830	4200	0	17571	0.0026	-0.0007	0.0012	6.76E+06	0.368	3384.720	6199	0	22055	0.0028	-0.0009	0.0010	7.05E+06	0.414	
2111.350	1201	0	16733	0.0029	-0.0009	0.0012	3.64E+06	0.580									2428.830	4200	0	17644	0.0026	-0.0007	0.0012	6.73E+06	0.366	3385.720	6201	0	22164	0.0028	-0.0009	0.0010	6.98E+06	0.407	
2112.350	1201	0	16951	0.0029	-0.0009	0.0012	3.47E+06	0.577									2429.830	4200	0	17717	0.0026	-0.0007	0.0012	6.73E+06	0.367	3386.720	6199	0	22164	0.0029	-0.0009	0.0010	7.03E+06		

2471.820	4201	0	18884	0.0028	-0.0008	0.0013	6.78E+06	0.403	3428.710	6199	0	23331	0.0030	-0.0010	0.0010	6.27E+06	0.434
2472.820	4200	0	18884	0.0028	-0.0008	0.0013	6.73E+06	0.402	3429.710	6199	0	23404	0.0030	-0.0010	0.0010	6.24E+06	0.435
2473.810	4201	0	18920	0.0028	-0.0008	0.0012	6.72E+06	0.400	3430.710	6199	0	23404	0.0030	-0.0010	0.0010	6.23E+06	0.437
2474.810	4200	0	18920	0.0028	-0.0008	0.0013	6.68E+06	0.400	3431.710	6200	0	23404	0.0031	-0.0010	0.0010	6.18E+06	0.436
2475.810	4199	0	18993	0.0028	-0.0008	0.0013	6.66E+06	0.403	3432.710	6199	0	23513	0.0030	-0.0010	0.0010	6.14E+06	0.438
2476.810	4200	0	18993	0.0028	-0.0008	0.0013	6.62E+06	0.402	3433.710	6199	0	23513	0.0030	-0.0010	0.0010	6.11E+06	0.439
2477.810	4200	0	19029	0.0029	-0.0008	0.0013	6.55E+06	0.397	3434.710	6199	0	23513	0.0031	-0.0010	0.0010	6.10E+06	0.441
2478.810	4200	0	19102	0.0029	-0.0008	0.0013	6.55E+06	0.395	3435.710	6200	0	23586	0.0031	-0.0010	0.0010	6.10E+06	0.442
2479.810	4200	0	19102	0.0029	-0.0008	0.0013	6.47E+06	0.395	3436.700	6199	0	23586	0.0031	-0.0010	0.0010	6.10E+06	0.443
2480.810	4199	0	19139	0.0029	-0.0008	0.0012	6.44E+06	0.397	3437.700	6203	0	23623	0.0031	-0.0010	0.0010	6.08E+06	0.442
2481.810	4201	0	19175	0.0029	-0.0008	0.0013	6.48E+06	0.399	3438.700	6199	0	23623	0.0031	-0.0010	0.0010	6.06E+06	0.444
2482.810	4199	0	19175	0.0029	-0.0008	0.0013	6.43E+06	0.399	3439.700	6200	0	23659	0.0031	-0.0010	0.0010	6.04E+06	0.445
2483.810	4200	0	19248	0.0029	-0.0008	0.0013	6.38E+06	0.398	3440.700	6199	0	23841	0.0031	-0.0010	0.0010	6.03E+06	0.445
2484.810	4202	0	19212	0.0029	-0.0008	0.0013	6.33E+06	0.395	3441.700	6200	0	24425	0.0032	-0.0011	0.0011	6.00E+06	0.445
2485.810	4199	0	19321	0.0029	-0.0008	0.0013	6.32E+06	0.394	3442.700	6200	0	24425	0.0032	-0.0011	0.0011	6.00E+06	0.447
2486.810	4199	0	19321	0.0029	-0.0008	0.0013	6.28E+06	0.396	3443.700	6199	0	24388	0.0032	-0.0011	0.0011	5.99E+06	0.447
2487.810	4199	0	19284	0.0029	-0.0008	0.0013	6.30E+06	0.396	3444.700	6199	0	24352	0.0032	-0.0011	0.0010	6.00E+06	0.449
2488.810	4201	0	19357	0.0029	-0.0008	0.0013	6.22E+06	0.396	3445.700	6199	0	24352	0.0032	-0.0011	0.0010	5.97E+06	0.450
2489.810	4200	0	19503	0.0029	-0.0008	0.0013	6.11E+06	0.395	3446.700	6199	0	24352	0.0032	-0.0011	0.0011	5.94E+06	0.451
2490.810	4201	0	19503	0.0029	-0.0008	0.0013	6.10E+06	0.395	3447.700	6199	0	24425	0.0032	-0.0011	0.0010	5.94E+06	0.454
2491.810	4201	0	19467	0.0029	-0.0008	0.0013	6.07E+06	0.396	3448.700	6199	0	24315	0.0032	-0.0011	0.0010	5.91E+06	0.454
2492.810	4199	0	19430	0.0029	-0.0008	0.0013	6.08E+06	0.398	3449.700	6200	0	24352	0.0032	-0.0011	0.0011	5.81E+06	0.452
2493.810	4200	0	19467	0.0029	-0.0008	0.0013	5.95E+06	0.390	3450.700	6201	0	24425	0.0032	-0.0011	0.0010	5.83E+06	0.454
2494.810	4200	0	19540	0.0029	-0.0008	0.0013	5.96E+06	0.391	3451.700	6204	0	24352	0.0032	-0.0011	0.0010	5.83E+06	0.457
2495.810	4201	0	19540	0.0029	-0.0008	0.0013	5.88E+06	0.389	3452.700	6199	0	24425	0.0032	-0.0011	0.0010	5.82E+06	0.459
2496.810	4201	0	19613	0.0029	-0.0008	0.0013	5.86E+06	0.389	3453.700	6202	0	24425	0.0032	-0.0011	0.0010	5.79E+06	0.460
2497.810	4199	0	19576	0.0029	-0.0008	0.0013	5.85E+06	0.390	3454.700	6199	0	24425	0.0032	-0.0011	0.0011	5.76E+06	0.459
2498.810	4198	0	19686	0.0029	-0.0008	0.0013	5.81E+06	0.388	3455.700	6199	0	24498	0.0032	-0.0011	0.0010	5.74E+06	0.456
2499.810	4201	0	19649	0.0030	-0.0008	0.0013	5.81E+06	0.390	3456.700	6200	0	24425	0.0032	-0.0011	0.0011	5.70E+06	0.457
2500.810	4199	0	19686	0.0030	-0.0008	0.0013	5.78E+06	0.391	3457.700	6201	0	24425	0.0032	-0.0011	0.0010	5.66E+06	0.458
2501.810	4199	0	19722	0.0030	-0.0008	0.0013	5.67E+06	0.387	3458.700	6200	0	24534	0.0032	-0.0011	0.0010	5.64E+06	0.460
2502.810	4199	0	19795	0.0030	-0.0008	0.0013	5.66E+06	0.389	3459.700	6199	0	24461	0.0032	-0.0011	0.0011	5.65E+06	0.467
2503.810	4200	0	19795	0.0030	-0.0008	0.0013	5.62E+06	0.390	3460.700	6199	0	24461	0.0032	-0.0011	0.0010	5.68E+06	0.472
2504.800	4200	0	19722	0.0030	-0.0008	0.0013	5.61E+06	0.387	3461.700	6201	0	24571	0.0032	-0.0011	0.0010	5.68E+06	0.477
2505.800	4200	0	19795	0.0030	-0.0008	0.0013	5.59E+06	0.387	3462.700	6200	0	24571	0.0032	-0.0011	0.0010	5.60E+06	0.475
2506.800	4201	0	19868	0.0030	-0.0008	0.0013	5.65E+06	0.393	3463.700	6199	0	24534	0.0032	-0.0011	0.0010	5.51E+06	0.479
2507.800	4200	0	19831	0.0030	-0.0008	0.0013	5.64E+06	0.393	3464.700	6199	0	24571	0.0032	-0.0011	0.0010	5.41E+06	0.483
2508.800	4199	0	19941	0.0030	-0.0009	0.0013	5.58E+06	0.391	3465.700	6199	0	24643	0.0032	-0.0011	0.0010	5.39E+06	0.487
2509.800	4201	0	19904	0.0030	-0.0008	0.0013	5.54E+06	0.393	3466.700	6200	0	24571	0.0032	-0.0011	0.0010	5.45E+06	0.490
2510.800	4201	0	19904	0.0030	-0.0009	0.0013	5.50E+06	0.394	3467.690	6200	0	24680	0.0032	-0.0011	0.0010	5.59E+06	0.483
2511.800	4200	0	19904	0.0030	-0.0009	0.0013	5.56E+06	0.394	3468.690	6200	0	24680	0.0033	-0.0011	0.0010	5.66E+06	0.481
2512.800	4199	0	20050	0.0030	-0.0009	0.0013	5.59E+06	0.395	3469.690	6199	0	24643	0.0032	-0.0011	0.0010	5.72E+06	0.477
2513.800	4200	0	20014	0.0030	-0.0009	0.0013	5.51E+06	0.395	3470.690	6199	0	24680	0.0033	-0.0011	0.0010	5.65E+06	0.473
2514.800	4201	0	20014	0.0030	-0.0009	0.0013	5.51E+06	0.395	3471.690	6199	0	24643	0.0033	-0.0011	0.0010	5.61E+06	0.475
2515.800	4199	0	20087	0.0030	-0.0009	0.0013	5.55E+06	0.396	3472.690	6199	0	24643	0.0033	-0.0011	0.0010	5.52E+06	0.466
2516.800	4199	0	20014	0.0030	-0.0009	0.0013	5.62E+06	0.398	3473.690	6200	0	24716	0.0033	-0.0011	0.0011	5.53E+06	0.465
2517.800	4201	0	20123	0.0030	-0.0009	0.0013	5.65E+06	0.401	3474.690	6199	0	24680	0.0033	-0.0011	0.0011	5.57E+06	0.466
2518.800	4202	0	20087	0.0030	-0.0009	0.0013	5.57E+06	0.398	3475.690	6199	0	24826	0.0033	-0.0011	0.0010	5.54E+06	0.468
2519.800	4201	0	20159	0.0030	-0.0009	0.0013	5.50E+06	0.398	3476.690	6199	0	24826	0.0033	-0.0011	0.0010	5.51E+06	0.464
2520.800	4201	0	20232	0.0031	-0.0009	0.0013	5.52E+06	0.399	3477.690	6199	0	24862	0.0033	-0.0011	0.0010	5.44E+06	0.459
2521.800	4200	0	20232	0.0030	-0.0009	0.0013	5.53E+06	0.401	3478.690	6200	0	24862	0.0033	-0.0011	0.0011	5.44E+06	0.461
2522.800	4201	0	20269	0.0031	-0.0009	0.0013	5.57E+06	0.402	3479.690	6200	0	24899	0.0033	-0.0011	0.0010	5.44E+06	0.460
2523.800	4201	0	20269	0.0031	-0.0009	0.0013	5.57E+06	0.404	3480.690	6200	0	24862	0.0033	-0.0011	0.0011	5.37E+06	0.459
2524.800	4200	0	20305	0.0031	-0.0009	0.0013	5.65E+06	0.406	3481.690	6201	0	24935	0.0033	-0.0011	0.0010	5.42E+06	0.463
2525.800	4199	0	20342	0.0031	-0.0009	0.0013	5.65E+06	0.407	3482.690	6200	0	24972	0.0033	-0.0011	0.0010	5.30E+06	0.456
2526.800	4200	0	20305	0.0031	-0.0009	0.0013	5.69E+06	0.411	3483.690	6200	0	24935	0.0033	-0.0011	0.0010	5.26E+06	0.461
2527.800	4201	0	20378	0.0031	-0.0009	0.0013	5.74E+06	0.415	3484.690	6200	0	24899	0.0033	-0.0011	0.0010	5.27E+06	0.463
2528.800	4200	0	20378	0.0031	-0.0009	0.0013	5.74E+06	0.413	3485.690	6199	0	25044	0.0033	-0.0011	0.0010	5.24E+06	0.464
2529.800	4200	0	20451	0.0031	-0.0009	0.0013	5.74E+06	0.411	3486.690	6199	0	25008	0.0033	-0.0011	0.0010	5.22E+06	0.467
2530.800	4199	0	20451	0.0031	-0.0009	0.0013	5.67E+06	0.410	3487.690	6199	0	25044	0.0033	-0.0011	0.0010	5.26E+06	0.471
2531.800	4200	0	20524	0.0031	-0.0009	0.0013	5.61E+06	0.408	3488.690	6199	0	25008	0.0033	-0.0011	0.0010	5.25E+06	0.472
2532.800	4201	0	20560	0.0031	-0.0009	0.0013	5.64E+06	0.410	3489.690	6199	0	25081	0.0033	-0.0011	0.0011	5.22E+06	0.473
2533.800	4201	0	20488	0.0031	-0.0009	0.0013	5.60E+06	0.411	3490.690	6201	0	25117	0.0033	-0.0011	0.0011	5.23E+06	0.477
2534.800	4201	0	20451	0.0031	-0.0009	0.0013	5.60E+06	0.410	3491.690	6199	0	25154	0.0033	-0.0011	0.0010	5.29E+06	0.480
2535.790	4199	0	20560	0.0031	-0.0009	0.001											

2547.790	4200	0	20852	0.0032	-0.0009	0.0013	5.60E+06	0.434	3504.680	6200	0	25409	0.0034	-0.0012	0.0011	5.50E+06	0.517
2548.790	4200	0	20889	0.0032	-0.0009	0.0013	5.64E+06	0.436	3505.680	6199	0	25372	0.0034	-0.0012	0.0011	5.54E+06	0.520
2549.790	4200	0	20925	0.0032	-0.0009	0.0013	5.56E+06	0.436	3506.680	6199	0	25409	0.0034	-0.0012	0.0010	5.50E+06	0.521
2550.790	4201	0	20962	0.0032	-0.0009	0.0013	5.53E+06	0.435	3507.680	6200	0	25409	0.0034	-0.0012	0.0011	5.48E+06	0.521
2551.790	4200	0	20962	0.0032	-0.0009	0.0013	5.58E+06	0.436	3508.680	6201	0	25445	0.0034	-0.0012	0.0010	5.50E+06	0.520
2552.790	4199	0	20998	0.0032	-0.0009	0.0013	5.49E+06	0.434	3509.680	6199	0	25482	0.0034	-0.0012	0.0011	5.50E+06	0.521
2553.790	4198	0	20998	0.0032	-0.0009	0.0013	5.47E+06	0.437	3510.680	6199	0	25518	0.0034	-0.0012	0.0010	5.47E+06	0.527
2554.790	4200	0	20998	0.0032	-0.0009	0.0013	5.49E+06	0.436	3511.680	6200	0	25518	0.0034	-0.0012	0.0010	5.55E+06	0.531
2555.790	4200	0	20998	0.0032	-0.0009	0.0013	5.44E+06	0.433	3512.680	6199	0	25518	0.0034	-0.0012	0.0010	5.52E+06	0.533
2556.790	4200	0	21071	0.0032	-0.0009	0.0013	5.47E+06	0.434	3513.680	6200	0	25591	0.0034	-0.0012	0.0010	5.54E+06	0.538
2557.790	4200	0	21071	0.0032	-0.0009	0.0013	5.48E+06	0.435	3514.680	6200	0	25555	0.0034	-0.0012	0.0011	5.55E+06	0.544
2558.790	4199	0	21071	0.0032	-0.0009	0.0013	5.45E+06	0.434	3515.680	6199	0	25628	0.0034	-0.0012	0.0010	5.55E+06	0.546
2559.790	4199	0	21144	0.0032	-0.0009	0.0013	5.42E+06	0.435	3516.680	6199	0	25664	0.0034	-0.0012	0.0010	5.51E+06	0.545
2560.790	4201	0	21180	0.0032	-0.0009	0.0013	5.38E+06	0.440	3517.680	6200	0	25737	0.0034	-0.0012	0.0010	5.55E+06	0.551
2561.790	4200	0	21217	0.0032	-0.0009	0.0013	5.31E+06	0.439	3518.680	6199	0	25737	0.0034	-0.0012	0.0010	5.46E+06	0.550
2562.790	4200	0	21217	0.0032	-0.0009	0.0013	5.36E+06	0.442	3519.680	6200	0	25737	0.0034	-0.0012	0.0010	5.41E+06	0.551
2563.790	4199	0	21253	0.0032	-0.0009	0.0013	5.36E+06	0.442	3520.680	6200	0	25701	0.0034	-0.0012	0.0010	5.37E+06	0.551
2564.790	4200	0	21253	0.0032	-0.0010	0.0013	5.33E+06	0.439	3521.680	6199	0	25773	0.0035	-0.0012	0.0010	5.31E+06	0.551
2565.790	4200	0	21289	0.0032	-0.0010	0.0013	5.35E+06	0.442	3522.680	6200	0	25810	0.0035	-0.0012	0.0011	5.23E+06	0.552
2566.780	4199	0	21326	0.0032	-0.0010	0.0013	5.30E+06	0.445	3523.680	6199	0	25846	0.0034	-0.0012	0.0010	5.21E+06	0.550
2567.780	4199	0	21326	0.0033	-0.0010	0.0013	5.24E+06	0.444	3524.680	6200	0	25846	0.0035	-0.0012	0.0010	5.11E+06	0.546
2568.780	4200	0	21362	0.0033	-0.0010	0.0013	5.26E+06	0.450	3525.680	6202	0	25883	0.0035	-0.0012	0.0010	5.11E+06	0.545
2569.780	4198	0	21362	0.0032	-0.0010	0.0013	5.20E+06	0.449	3526.680	6201	0	25956	0.0035	-0.0012	0.0010	5.09E+06	0.551
2570.780	4200	0	21326	0.0032	-0.0010	0.0013	5.15E+06	0.448	3527.680	6201	0	25919	0.0035	-0.0012	0.0011	5.03E+06	0.550
2571.780	4199	0	21435	0.0032	-0.0010	0.0013	5.13E+06	0.450	3528.680	6199	0	25919	0.0035	-0.0012	0.0010	5.00E+06	0.548
2572.780	4200	0	21472	0.0033	-0.0010	0.0013	5.16E+06	0.451	3529.680	6199	0	25992	0.0035	-0.0012	0.0010	4.98E+06	0.549
2573.780	4200	0	21508	0.0033	-0.0010	0.0013	5.07E+06	0.447	3530.670	6200	0	25992	0.0035	-0.0012	0.0010	4.94E+06	0.546
2574.780	4200	0	21472	0.0033	-0.0010	0.0013	5.08E+06	0.449	3531.670	6200	0	25956	0.0035	-0.0012	0.0010	4.91E+06	0.545
2575.780	4198	0	21472	0.0033	-0.0010	0.0013	5.08E+06	0.451	3532.670	6199	0	25992	0.0035	-0.0012	0.0010	4.87E+06	0.546
2576.780	4200	0	21618	0.0033	-0.0010	0.0013	5.08E+06	0.451	3533.670	6199	0	26065	0.0035	-0.0012	0.0011	4.78E+06	0.541
2577.780	4200	0	21545	0.0033	-0.0010	0.0013	5.11E+06	0.455	3534.670	6200	0	26102	0.0035	-0.0012	0.0010	4.72E+06	0.541
2578.780	4199	0	21581	0.0033	-0.0010	0.0013	5.18E+06	0.462	3535.670	6199	0	26065	0.0035	-0.0012	0.0010	4.64E+06	0.539
2579.780	4201	0	21690	0.0033	-0.0010	0.0013	5.16E+06	0.459	3536.670	6199	0	26102	0.0035	-0.0012	0.0010	4.57E+06	0.540
2580.780	4199	0	21618	0.0033	-0.0010	0.0014	5.11E+06	0.457	3537.670	6200	0	26138	0.0035	-0.0012	0.0010	4.54E+06	0.540
2581.780	4199	0	21690	0.0033	-0.0010	0.0013	5.07E+06	0.456	3538.670	6201	0	26102	0.0035	-0.0012	0.0010	4.56E+06	0.543
2582.780	4200	0	21654	0.0033	-0.0010	0.0013	5.04E+06	0.457	3539.670	6200	0	26211	0.0035	-0.0012	0.0010	4.50E+06	0.543
2583.780	4200	0	21690	0.0033	-0.0010	0.0013	5.03E+06	0.459	3540.670	6200	0	26211	0.0035	-0.0013	0.0010	4.43E+06	0.542
2584.780	4201	0	21727	0.0033	-0.0010	0.0013	5.02E+06	0.459	3541.670	6199	0	26174	0.0035	-0.0013	0.0010	4.43E+06	0.544
2585.780	4200	0	21763	0.0033	-0.0010	0.0013	4.94E+06	0.458	3542.670	6199	0	26211	0.0035	-0.0013	0.0010	4.40E+06	0.545
2586.780	4199	0	21763	0.0033	-0.0010	0.0013	4.93E+06	0.460	3543.670	6201	0	26247	0.0036	-0.0013	0.0010	4.43E+06	0.548
2587.780	4200	0	21800	0.0033	-0.0010	0.0013	4.90E+06	0.459	3544.670	6200	0	26247	0.0036	-0.0013	0.0010	4.42E+06	0.551
2588.780	4199	0	21763	0.0033	-0.0010	0.0013	4.88E+06	0.459	3545.670	6200	0	26247	0.0036	-0.0013	0.0010	4.39E+06	0.552
2589.780	4200	0	21873	0.0033	-0.0010	0.0013	4.85E+06	0.460	3546.670	6200	0	26284	0.0036	-0.0013	0.0010	4.31E+06	0.554
2590.780	4200	0	21873	0.0033	-0.0010	0.0013	4.80E+06	0.461	3547.670	6199	0	26284	0.0036	-0.0013	0.0010	4.29E+06	0.558
2591.780	4200	0	21800	0.0033	-0.0010	0.0013	4.75E+06	0.461	3548.670	6199	0	26357	0.0036	-0.0013	0.0010	4.27E+06	0.557
2592.780	4200	0	21873	0.0034	-0.0010	0.0014	4.75E+06	0.466	3549.670	6201	0	26320	0.0036	-0.0013	0.0010	4.25E+06	0.561
2593.780	4200	0	21909	0.0033	-0.0010	0.0013	4.70E+06	0.464	3550.670	6202	0	26393	0.0036	-0.0013	0.0010	4.20E+06	0.561
2594.780	4200	0	21909	0.0034	-0.0010	0.0013	4.69E+06	0.465	3551.670	6199	0	26357	0.0036	-0.0013	0.0010	4.17E+06	0.560
2595.780	4202	0	21946	0.0034	-0.0010	0.0013	4.66E+06	0.466	3552.670	6200	0	26430	0.0036	-0.0013	0.0010	4.22E+06	0.564
2596.780	4201	0	21946	0.0034	-0.0010	0.0013	4.61E+06	0.471	3553.670	6200	0	26430	0.0036	-0.0013	0.0010	4.17E+06	0.564
2597.780	4202	0	22055	0.0034	-0.0010	0.0013	4.64E+06	0.477	3554.670	6200	0	26466	0.0036	-0.0013	0.0010	4.15E+06	0.561
2598.770	4201	0	22019	0.0034	-0.0010	0.0014	4.63E+06	0.480	3555.670	6199	0	26466	0.0036	-0.0013	0.0010	4.15E+06	0.569
2599.770	4200	0	22055	0.0034	-0.0010	0.0013	4.65E+06	0.484	3556.670	6199	0	26539	0.0036	-0.0013	0.0010	4.17E+06	0.575
2600.770	4198	0	22055	0.0034	-0.0010	0.0013	4.58E+06	0.484	3557.670	6199	0	26503	0.0036	-0.0013	0.0010	4.11E+06	0.579
2601.770	4200	0	22092	0.0034	-0.0010	0.0013	4.54E+06	0.485	3558.670	6199	0	26539	0.0036	-0.0013	0.0010	4.10E+06	0.581
2602.770	4200	0	22128	0.0034	-0.0010	0.0013	4.52E+06	0.484	3559.670	6200	0	26503	0.0036	-0.0013	0.0010	4.08E+06	0.581
2603.770	4200	0	22164	0.0034	-0.0010	0.0013	4.45E+06	0.484	3560.670	6199	0	26503	0.0036	-0.0013	0.0010	4.06E+06	0.584
2604.770	4201	0	22201	0.0034	-0.0010	0.0014	4.41E+06	0.487	3561.660	6200	0	26539	0.0036	-0.0013	0.0010	3.99E+06	0.588
2605.770	4199	0	22164	0.0034	-0.0010	0.0013	4.42E+06	0.487	3562.660	6199	0	26612	0.0036	-0.0013	0.0010	3.89E+06	0.587
2606.770	4202	0	22201	0.0034	-0.0010	0.0013	4.37E+06	0.486	3563.660	6200	0	26721	0.0036	-0.0013	0.0010	3.88E+06	0.590
2607.770	4199	0	22201	0.0034	-0.0010	0.0013	4.40E+06	0.488	3564.660	6199	0	26612	0.0036	-0.0013	0.0010	3.86E+06	0.594
2608.770	4200	0	22237	0.0034	-0.0010	0.0013	4.34E+06	0.486	3565.660	6199	0	26612	0.0036	-0.0013	0.0010	3.88E+06	0.596
2609.770	4200	0	22310	0.0034	-0.0010	0.0013	4.28E+06	0.485	3566.660	6200	0	26685	0.0036	-0.0013	0.0010	3.81E+06	0.595
2610.770	4199	0	22237	0.0034	-0.0010	0.0013	4.30E+06	0.487	3567.660	6199	0	26685	0.0036	-0.0013	0.0010	3.77E+06	0.600
2611.770	4199	0	22237	0.0034	-0.0010	0.001											

2623.770	4201	0	22493	0.0035	-0.0011	0.0013	4.11E+06	0.509	3580.660	6200	0	26867	0.0037	-0.0014	0.0010	3.48E+06	0.640
2624.770	4202	0	22529	0.0035	-0.0011	0.0013	4.08E+06	0.509	3581.660	6201	0	26904	0.0037	-0.0014	0.0010	3.43E+06	0.640
2625.770	4200	0	22529	0.0035	-0.0011	0.0013	4.11E+06	0.512	3582.660	6201	0	26904	0.0037	-0.0014	0.0010	3.46E+06	0.646
2626.770	4201	0	22565	0.0035	-0.0011	0.0013	4.12E+06	0.516	3583.660	6199	0	26977	0.0037	-0.0014	0.0010	3.44E+06	0.652
2627.770	4201	0	22529	0.0035	-0.0011	0.0013	4.09E+06	0.513	3584.660	6200	0	26977	0.0037	-0.0014	0.0010	3.37E+06	0.649
2628.770	4200	0	22602	0.0035	-0.0011	0.0013	4.10E+06	0.517	3585.660	6199	0	26977	0.0037	-0.0014	0.0010	3.36E+06	0.652
2629.760	4201	0	22602	0.0035	-0.0011	0.0013	4.10E+06	0.519	3586.660	6199	0	26940	0.0037	-0.0014	0.0010	3.31E+06	0.650
2630.760	4200	0	22638	0.0035	-0.0011	0.0013	4.12E+06	0.522	3587.660	6199	0	26940	0.0038	-0.0014	0.0010	3.26E+06	0.651
2631.760	4199	0	22638	0.0035	-0.0011	0.0013	4.10E+06	0.525	3588.660	6199	0	27049	0.0037	-0.0014	0.0010	3.23E+06	0.655
2632.760	4201	0	22711	0.0035	-0.0011	0.0013	4.11E+06	0.526	3589.660	6199	0	27049	0.0037	-0.0014	0.0010	3.28E+06	0.660
2633.760	4200	0	22675	0.0035	-0.0011	0.0013	4.12E+06	0.528	3590.660	6199	0	27086	0.0037	-0.0014	0.0010	3.19E+06	0.659
2634.760	4200	0	22748	0.0036	-0.0011	0.0014	4.13E+06	0.533	3591.660	6202	0	27013	0.0038	-0.0014	0.0010	3.17E+06	0.664
2635.760	4199	0	22784	0.0035	-0.0011	0.0013	4.16E+06	0.538	3592.660	6199	0	27049	0.0038	-0.0014	0.0010	3.21E+06	0.672
2636.760	4200	0	22821	0.0035	-0.0011	0.0013	4.12E+06	0.539	3593.650	6199	0	27086	0.0038	-0.0014	0.0010	3.18E+06	0.674
2637.760	4201	0	22784	0.0036	-0.0011	0.0013	4.12E+06	0.544	3594.650	6199	0	27122	0.0038	-0.0014	0.0010	3.20E+06	0.677
2638.760	4202	0	22784	0.0036	-0.0011	0.0013	4.04E+06	0.543	3595.650	6199	0	27122	0.0038	-0.0014	0.0010	3.17E+06	0.681
2639.760	4199	0	22821	0.0036	-0.0011	0.0013	4.03E+06	0.538	3596.650	6200	0	27122	0.0038	-0.0014	0.0010	3.14E+06	0.678
2640.760	4199	0	22821	0.0036	-0.0011	0.0014	3.97E+06	0.539	3597.650	6200	0	27159	0.0038	-0.0014	0.0010	3.10E+06	0.681
2641.760	4199	0	22857	0.0036	-0.0011	0.0013	3.98E+06	0.541	3598.650	6200	0	27122	0.0038	-0.0014	0.0010	3.11E+06	0.689
2642.760	4201	0	22894	0.0036	-0.0011	0.0013	3.93E+06	0.541	3599.650	6200	0	27159	0.0038	-0.0014	0.0010	3.09E+06	0.692
2643.760	4201	0	22894	0.0036	-0.0011	0.0013	3.89E+06	0.542	3600.650	6199	0	27268	0.0038	-0.0014	0.0010	3.07E+06	0.695
2644.760	4199	0	22930	0.0036	-0.0011	0.0013	3.86E+06	0.546	3601.650	6199	0	27232	0.0038	-0.0014	0.0010	3.04E+06	0.698
2645.760	4200	0	22821	0.0036	-0.0011	0.0013	3.81E+06	0.547	3602.650	6199	0	27268	0.0038	-0.0014	0.0010	2.99E+06	0.697
2646.760	4200	0	22894	0.0036	-0.0011	0.0013	3.76E+06	0.548	3603.650	6200	0	27195	0.0038	-0.0014	0.0010	3.03E+06	0.708
2647.760	4200	0	22930	0.0036	-0.0011	0.0013	3.71E+06	0.549	3604.650	6201	0	27268	0.0038	-0.0014	0.0010	3.00E+06	0.711
2648.760	4199	0	22966	0.0036	-0.0011	0.0013	3.68E+06	0.551	3605.650	6200	0	27341	0.0038	-0.0014	0.0010	2.99E+06	0.708
2649.760	4199	0	23003	0.0036	-0.0011	0.0013	3.68E+06	0.557	3606.650	6200	0	27268	0.0038	-0.0014	0.0010	2.96E+06	0.713
2650.760	4201	0	23039	0.0036	-0.0011	0.0013	3.65E+06	0.562	3607.650	6199	0	27305	0.0038	-0.0014	0.0009	2.97E+06	0.722
2651.760	4201	0	23039	0.0036	-0.0011	0.0013	3.58E+06	0.561	3608.650	6199	0	27305	0.0038	-0.0014	0.0009	2.95E+06	0.721
2652.760	4199	0	23039	0.0036	-0.0011	0.0013	3.53E+06	0.562	3609.650	6199	0	27268	0.0039	-0.0014	0.0010	2.95E+06	0.722
2653.760	4199	0	23039	0.0036	-0.0011	0.0013	3.43E+06	0.560	3610.650	6200	0	27377	0.0039	-0.0014	0.0010	2.99E+06	0.728
2654.760	4199	0	23039	0.0036	-0.0011	0.0013	3.39E+06	0.559	3611.650	6201	0	27377	0.0039	-0.0014	0.0010	3.00E+06	0.733
2655.760	4198	0	23112	0.0036	-0.0012	0.0013	3.36E+06	0.561	3612.650	6200	0	27377	0.0039	-0.0015	0.0009	2.98E+06	0.738
2656.760	4200	0	23076	0.0036	-0.0012	0.0013	3.33E+06	0.562	3613.650	6200	0	27341	0.0039	-0.0015	0.0009	2.89E+06	0.738
2657.760	4201	0	23149	0.0036	-0.0012	0.0013	3.29E+06	0.563	3614.650	6200	0	27377	0.0039	-0.0015	0.0009	2.86E+06	0.739
2658.760	4201	0	23185	0.0037	-0.0012	0.0013	3.28E+06	0.564	3615.650	6199	0	27341	0.0039	-0.0015	0.0010	2.78E+06	0.741
2659.760	4200	0	23149	0.0036	-0.0012	0.0013	3.23E+06	0.563	3616.650	6200	0	27414	0.0039	-0.0015	0.0009	2.73E+06	0.742
2660.750	4200	0	23149	0.0037	-0.0012	0.0013	3.19E+06	0.560	3617.650	6199	0	27450	0.0039	-0.0015	0.0009	2.72E+06	0.744
2661.750	4200	0	23185	0.0037	-0.0012	0.0013	3.19E+06	0.560	3618.650	6200	0	27414	0.0039	-0.0015	0.0009	2.67E+06	0.750
2662.750	4200	0	23222	0.0037	-0.0012	0.0013	3.23E+06	0.562	3619.650	6199	0	27487	0.0039	-0.0015	0.0009	2.65E+06	0.754
2663.750	4201	0	23185	0.0037	-0.0012	0.0013	3.20E+06	0.563	3620.650	6200	0	27450	0.0039	-0.0015	0.0009	2.61E+06	0.759
2664.750	4200	0	23294	0.0037	-0.0012	0.0013	3.18E+06	0.564	3621.650	6200	0	27523	0.0039	-0.0015	0.0009	2.56E+06	0.765
2665.750	4201	0	23222	0.0037	-0.0012	0.0013	3.16E+06	0.565	3622.650	6200	0	27523	0.0039	-0.0015	0.0009	2.52E+06	0.767
2666.750	4199	0	23331	0.0037	-0.0012	0.0013	3.09E+06	0.557	3623.650	6200	0	27523	0.0039	-0.0015	0.0009	2.48E+06	0.771
2667.750	4200	0	23258	0.0037	-0.0012	0.0013	3.07E+06	0.555	3624.640	6199	0	27487	0.0039	-0.0015	0.0009	2.44E+06	0.776
2668.750	4199	0	23294	0.0037	-0.0012	0.0013	3.07E+06	0.553	3625.640	6199	0	27560	0.0039	-0.0015	0.0009	2.39E+06	0.785
2669.750	4199	0	23331	0.0037	-0.0012	0.0013	3.06E+06	0.550	3626.640	6199	0	27523	0.0039	-0.0015	0.0009	2.39E+06	0.788
2670.750	4200	0	23294	0.0037	-0.0012	0.0013	3.07E+06	0.550	3627.640	6199	0	27523	0.0039	-0.0015	0.0009	2.36E+06	0.794
2671.750	4200	0	23294	0.0037	-0.0012	0.0013	2.94E+06	0.548	3628.640	6201	0	27596	0.0039	-0.0015	0.0009	2.35E+06	0.802
2672.750	4201	0	23331	0.0037	-0.0012	0.0013	2.83E+06	0.542	3629.640	6201	0	27596	0.0039	-0.0015	0.0009	2.26E+06	0.808
2673.750	4201	0	23331	0.0037	-0.0012	0.0013	2.79E+06	0.543	3630.640	6200	0	27560	0.0039	-0.0015	0.0009	2.18E+06	0.811
2674.750	4200	0	23404	0.0037	-0.0012	0.0013	2.75E+06	0.543	3631.640	6199	0	27596	0.0039	-0.0015	0.0009	2.16E+06	0.816
2675.750	4199	0	23367	0.0037	-0.0012	0.0013	2.74E+06	0.544	3632.640	6199	0	27633	0.0039	-0.0015	0.0009	2.04E+06	0.817
2676.750	4199	0	23404	0.0038	-0.0012	0.0013	2.76E+06	0.545	3633.640	6200	0	27669	0.0040	-0.0015	0.0009	1.99E+06	0.825
2676.820	4201	0	23404	0.0038	-0.0012	0.0013	2.76E+06	0.545	3634.640	6201	0	27633	0.0040	-0.0015	0.0009	1.95E+06	0.841
2677.820	4200	0	23404	0.0038	-0.0012	0.0013	2.68E+06	0.534	3635.640	6200	0	27742	0.0040	-0.0015	0.0009	1.87E+06	0.847
									3636.640	6199	0	27706	0.0040	-0.0015	0.0009	1.84E+06	0.856
									3637.640	6199	0	27706	0.0040	-0.0015	0.0009	1.79E+06	0.860
									3638.640	6199	0	27633	0.0040	-0.0015	0.0009	1.69E+06	0.863
									3639.640	6199	0	27669	0.0040	-0.0016	0.0009	1.60E+06	0.873
									3640.640	6199	0	27596	0.0040	-0.0016	0.0009	1.48E+06	0.882
									3641.640	6199	0	27633	0.0040	-0.0016	0.0009	1.39E+06	0.891
									3642.640	6200	0	27778	0.0040	-0.0016	0.0009	1.30E+06	0.905
									3643.640	6199	0	27669	0.0040	-0.0016	0.0009	1.20E+06	0.923
									3644.640	6199	0	27742	0.0040	-0.0016	0.0008	1.06E+06	0.930
									3645.640	6200	0	27706	0.0040	-0.0016	0.0008	9.23E+05	0.947
									3646.640	6201	0	27706	0.0040	-0.0016	0.0008	7.88E+05	0.967
									3647.640	6199	0	27742	0.0040	-0.0016	0.0008	6.64E+05	0.983

3656.630	6199	0	27778	0.0041	-0.0016	0.0008	-1.29E+06	1.223
3657.630	6202	0	27706	0.0041	-0.0016	0.0008	-1.60E+06	1.251
3658.630	6199	0	27778	0.0041	-0.0016	0.0008	-1.89E+06	1.285
3659.630	6198	0	27778	0.0041	-0.0016	0.0008	-2.14E+06	1.315
3660.630	6201	0	27778	0.0041	-0.0016	0.0008	-2.40E+06	1.341
3661.630	6199	0	27778	0.0041	-0.0017	0.0008	-2.65E+06	1.371
3662.630	6200	0	27778	0.0041	-0.0017	0.0008	-2.90E+06	1.395
3663.630	6199	0	27742	0.0041	-0.0017	0.0008	-3.20E+06	1.424
3664.630	6199	0	27778	0.0041	-0.0017	0.0008	-3.51E+06	1.447
3665.630	6200	0	27706	0.0041	-0.0017	0.0008	-3.79E+06	1.467
3666.630	6199	0	27778	0.0041	-0.0017	0.0007	-4.04E+06	1.489
3667.630	6199	0	27706	0.0041	-0.0017	0.0007	-4.28E+06	1.511
3668.630	6199	0	27669	0.0041	-0.0017	0.0007	-4.51E+06	1.529
3669.630	6199	0	27706	0.0042	-0.0017	0.0007	-4.78E+06	1.545
3670.630	6201	0	27633	0.0042	-0.0017	0.0007	-5.00E+06	1.564
3671.630	6200	0	27669	0.0042	-0.0017	0.0007	-5.20E+06	1.580
3672.630	6199	0	27596	0.0042	-0.0018	0.0006	-5.38E+06	1.595
3673.630	6199	0	27560	0.0042	-0.0018	0.0006	-5.58E+06	1.613
3674.630	6199	0	27560	0.0042	-0.0018	0.0006	-5.78E+06	1.623
3675.630	6201	0	27414	0.0042	-0.0018	0.0006	-5.94E+06	1.634
3676.630	6201	0	27341	0.0042	-0.0018	0.0006	-6.12E+06	1.652
3677.630	6201	0	27305	0.0042	-0.0018	0.0005	-6.28E+06	1.666
3678.630	6200	0	27305	0.0042	-0.0019	0.0005	-6.45E+06	1.676
3679.630	6199	0	27232	0.0042	-0.0019	0.0005	-6.59E+06	1.687
3680.630	6199	0	27122	0.0042	-0.0019	0.0004	-6.76E+06	1.699
3681.630	6200	0	27086	0.0043	-0.0019	0.0004	-6.90E+06	1.706
3682.630	6200	0	26904	0.0043	-0.0019	0.0004	-7.04E+06	1.714
3683.630	6201	0	26867	0.0043	-0.0020	0.0004	-7.14E+06	1.719
3684.630	6199	0	26794	0.0043	-0.0020	0.0003	-7.26E+06	1.725
3685.630	6198	0	26685	0.0043	-0.0020	0.0003	-7.41E+06	1.738
3686.620	6200	0	26576	0.0043	-0.0020	0.0003	-7.54E+06	1.747
3687.620	6200	0	26503	0.0043	-0.0021	0.0002	-7.68E+06	1.758
3688.620	6200	0	26320	0.0043	-0.0021	0.0002	-7.77E+06	1.763
3689.620	6200	0	26211	0.0043	-0.0021	0.0002	-7.86E+06	1.766
3690.620	6200	0	26102	0.0043	-0.0021	0.0002	-7.94E+06	1.769
3691.620	6200	0	26138	0.0043	-0.0021	0.0001	-8.02E+06	1.767
3692.620	6200	0	26029	0.0043	-0.0021	0.0001	-8.12E+06	1.775
3693.620	6200	0	25919	0.0044	-0.0021	0.0001	-8.24E+06	1.783
3694.620	6199	0	25810	0.0044	-0.0021	0.0001	-8.37E+06	1.790
3695.620	6200	0	25810	0.0044	-0.0022	0.0001	-8.37E+06	1.783
3696.620	6198	0	25810	0.0044	-0.0022	0.0001	-8.41E+06	1.778
3697.620	6201	0	25773	0.0044	-0.0022	0.0000	-8.41E+06	1.774
3698.620	6200	0	25701	0.0044	-0.0022	0.0000	-8.44E+06	1.767
3699.620	6200	0	25628	0.0044	-0.0022	0.0000	-8.47E+06	1.768
3700.620	6200	0	25664	0.0044	-0.0022	0.0000	-8.47E+06	1.773
3701.620	6201	0	25628	0.0044	-0.0022	0.0000	-8.47E+06	1.769
3702.620	6199	0	25591	0.0044	-0.0022	0.0000	-8.40E+06	1.753
3703.620	6199	0	25518	0.0044	-0.0022	0.0000	-8.30E+06	1.741
3704.620	6201	0	25555	0.0044	-0.0022	0.0000	-8.31E+06	1.724
3705.620	6201	0	25555	0.0044	-0.0022	0.0000	-7.81E+06	1.691
3706.620	6199	0	25518	0.0044	-0.0022	0.0000	-7.54E+06	1.666
3707.620	6200	0	25482	0.0044	-0.0022	0.0000	-7.19E+06	1.629
3708.620	6199	0	25555	0.0044	-0.0022	0.0000	-6.80E+06	1.583
3709.620	6199	0	25445	0.0044	-0.0022	0.0000	-6.37E+06	1.539
3710.620	6199	0	25409	0.0044	-0.0022	-0.0001	-5.85E+06	1.503
3711.620	6199	0	25445	0.0044	-0.0022	0.0000	-5.26E+06	1.463
3712.620	6200	0	25445	0.0044	-0.0022	0.0000	-4.69E+06	1.414
3713.620	6199	0	25445	0.0044	-0.0022	-0.0001	-4.21E+06	1.375
3714.620	6199	0	25445	0.0044	-0.0022	-0.0001	-3.80E+06	1.333
3715.620	6199	0	25445	0.0044	-0.0022	-0.0001	-3.37E+06	1.278
3716.620	6199	0	25409	0.0044	-0.0023	-0.0001	-2.99E+06	1.230
3717.610	6200	0	25372	0.0044	-0.0023	-0.0001	-2.59E+06	1.193
3718.610	6199	0	25409	0.0044	-0.0023	-0.0001	-2.25E+06	1.166
3719.610	6199	0	25372	0.0045	-0.0023	-0.0001	-2.02E+06	1.147
3720.610	6200	0	25445	0.0044	-0.0023	-0.0001	-1.85E+06	1.128
3721.610	6200	0	25409	0.0044	-0.0023	-0.0001	-1.71E+06	1.112
3722.610	6199	0	25372	0.0044	-0.0023	-0.0001	-1.61E+06	1.084
3723.610	6201	0	25300	0.0045	-0.0023	-0.0001	-1.47E+06	1.065
3724.610	6199	0	25372	0.0045	-0.0023	-0.0001	-1.30E+06	1.054
3725.610	6200	0	25372	0.0045	-0.0023	-0.0001	-1.22E+06	1.038
3726.610	6199	0	25336	0.0045	-0.0023	-0.0001	-1.12E+06	1.028
3727.610	6199	0	25372	0.0045	-0.0023	-0.0001	-1.02E+06	1.026
3728.610	6202	0	25372	0.0045	-0.0023	-0.0001	-9.68E+05	1.018
3729.610	6201	0	25372	0.0045	-0.0023	-0.0001	-9.21E+05	1.008
3730.610	6199	0	25372	0.0045	-0.0023	-0.0001	-8.60E+05	1.003
3731.610	6199	0	25336	0.0045	-0.0023	-0.0001	-8.22E+05	1.002

3732.610	6199	0	25336	0.0045	-0.0023	-0.0001	-7.90E+05	0.993
3733.610	6199	0	25336	0.0045	-0.0023	-0.0001	-7.53E+05	0.990
3734.610	6199	0	25336	0.0045	-0.0023	-0.0002	-7.12E+05	0.974
3735.610	6199	0	25336	0.0045	-0.0023	-0.0002	-6.58E+05	0.966
3736.610	6200	0	25409	0.0045	-0.0023	-0.0002	-6.33E+05	0.971
3737.610	6199	0	25336	0.0045	-0.0023	-0.0002	-6.21E+05	0.968
3738.610	6199	0	25300	0.0045	-0.0023	-0.0002	-6.06E+05	0.966
3739.610	6199	0	25300	0.0045	-0.0024	-0.0002	-5.88E+05	0.963
3740.610	6201	0	25336	0.0045	-0.0024	-0.0002	-5.49E+05	0.965
3741.610	6200	0	25336	0.0046	-0.0024	-0.0002	-5.08E+05	0.966
3742.610	6200	0	25336	0.0046	-0.0024	-0.0002	-4.97E+05	0.964
3743.610	6202	0	25336	0.0046	-0.0024	-0.0002	-5.04E+05	0.967
3744.610	6200	0	25372	0.0045	-0.0024	-0.0002	-4.90E+05	0.965
3745.610	6199	0	25372	0.0045	-0.0024	-0.0002	-5.07E+05	0.968
3746.610	6201	0	25300	0.0046	-0.0024	-0.0002	-4.89E+05	0.971
3747.610	6201	0	25190	0.0046	-0.0024	-0.0002	-4.83E+05	0.969
3748.600	6200	0	25263	0.0046	-0.0024	-0.0002	-4.74E+05	0.972
3749.600	6202	0	25372	0.0046	-0.0024	-0.0002	-5.11E+05	0.973
3750.600	6199	0	25300	0.0046	-0.0024	-0.0002	-5.01E+05	0.976
3751.600	6199	0	25336	0.0046	-0.0024	-0.0002	-5.20E+05	0.977
3752.600	6199	0	25336	0.0046	-0.0024	-0.0002	-5.55E+05	0.980
3753.600	6202	0	25263	0.0046	-0.0024	-0.0002	-5.39E+05	0.987
3754.600	6201	0	25300	0.0046	-0.0024	-0.0002	-5.50E+05	0.986
3755.600	6199	0	25300	0.0046	-0.0024	-0.0002	-5.76E+05	0.994
3756.600	6200	0	25263	0.0046	-0.0024	-0.0003	-5.81E+05	0.996
3757.600	6200	0	25263	0.0046	-0.0024	-0.0003	-6.13E+05	0.996
3758.600	6198	0	25300	0.0046	-0.0024	-0.0003	-6.49E+05	1.004
3759.600	6199	0	25227	0.0046	-0.0024	-0.0002	-6.61E+05	1.007
3760.600	6200	0	25336	0.0046	-0.0025	-0.0003	-6.89E+05	1.013
3761.600	6199	0	25336	0.0046	-0.0025	-0.0003	-7.42E+05	1.020
3762.600	6200	0	25263	0.0046	-0.0025	-0.0003	-7.29E+05	1.030
3763.600	6199	0	25263	0.0046	-0.0025	-0.0003	-7.57E+05	1.031
3764.600	6201	0	25263	0.0047	-0.0025	-0.0003	-8.37E+05	1.033
3765.600	6201	0	25300	0.0047	-0.0025	-0.0003	-8.57E+05	1.036
3766.600	6199	0	25300	0.0047	-0.0025	-0.0003	-8.52E+05	1.031
3767.600	6200	0	25263	0.0047	-0.0025	-0.0003	-8.79E+05	1.031
3768.600	6200	0	25263	0.0047	-0.0025	-0.0003	-8.83E+05	1.026
3769.600	6198	0	25263	0.0047	-0.0025	-0.0003	-8.99E+05	1.024
3770.600	6202	0	25227	0.0047	-0.0025	-0.0003	-8.99E+05	1.024
3771.600	6199	0	25227	0.0047	-0.0025	-0.0003	-8.96E+05	1.024
3772.600	6200	0	25227	0.0047	-0.0025	-0.0003	-9.42E+05	1.031
3773.600	6199	0	25263	0.0047	-0.0025	-0.0003	-1.03E+06	1.026
3774.600	6200	0	25227	0.0047	-0.0025	-0.0004	-1.08E+06	1.024
3775.600	6199	0	25263	0.0047	-0.0025	-0.0004	-1.09E+06	1.020
3776.600	6200	0	25190	0.0047	-0.0025	-0.0004	-1.14E+06	1.012
3777.600	6200	0	25190	0.0047	-0.0025	-0.0004	-1.17E+06	1.008
3778.600	6201	0	25263	0.0047	-0.0026	-0.0004	-1.20E+06	1.012
3779.590	6199	0	25190	0.0047	-0.0026	-0.0004	-1.26E+06	1.008
3780.590	6199	0	25154	0.0047	-0.0026	-0.0004	-1.28E+06	1.003
3781.590	6200	0	25190	0.0047	-0.0026	-0.0004	-1.31E+06	0.998
3782.590	6201	0	25154	0.0047	-0.0026	-0.0004	-1.40E+06	0.997
3783.590	6201	0	25154	0.0048	-0.0026	-0.0004	-1.45E+06	0.994
3784.590	6199	0	25190	0.0048	-0.0026	-0.0004	-1.49E+06	0.995
3785.590	6200	0	25154	0.0048	-0.0026	-0.0004	-1.56E+06	0.991
3786.590	6201	0	25081	0.0048	-0.0026	-0.0004	-1.57E+06	0.989
3787.590	6199	0	25154	0.0048	-0.0026	-0.0004	-1.60E+06	0.989
3788.590	6200	0	25117	0.0048	-0.0026	-0.0004	-1.63E+06	0.983
3789.590	6198	0	25044	0.0048	-0.0026	-0.0004	-1.67E+06	0.975
3790.590	6199	0	25154	0.0048	-0.0026	-0.0004	-1.70E+06	0.973
3791.590	6199	0	25154	0.0048	-0.0026	-0.0004	-1.73E+06	0.968
3792.590	6199	0	25081	0.0048	-0.0026	-0.0005	-1.75E+06	0.965
3793.590	6199	0	25117	0.0048	-0.0026	-0.0005	-1.77E+06	0.965
3794.590	6199	0	25081	0.0048	-0.0026	-0.0005	-1.79E+06	0.961
3795.590	6199	0	25081	0.0048	-0.0026	-0.0005	-1.81E+06	0.954
3796.590	6199	0	25081	0.0048	-0.0027	-0.0005	-1.86E+06	0.959
3797.590	6200	0	25044	0.0048	-0.0027	-0.0005	-1.90E+06	0.957
3798.590	6198	0	25008	0.0048	-0.0027	-0.0005	-1.90E+06	0.951
3799.590	6199	0	25008	0.0048	-0.0027	-0.0005	-1.90E+06	0.945
3800.590	6199	0	25008	0.0049	-0.0027	-0.0005	-1.91E+06	0.942
3801.590	6200	0	24972	0.0049	-0.0027	-0.0005	-1.93E+06	0.945
3802.590	6199	0	24972	0.0049	-0.0027	-0.0005	-1.99E+06	0.944
3803.590	6199	0	24972	0.0049	-0.0027	-0.0005	-2.04E+06	0.944
3804.590	6199	0	24935	0.0049	-0.0027	-0.0005	-2.07E+06	0.947
3805.590	6198	0	24972	0.0049	-0.0027	-0.0005	-2.10E+06	0.944
3806.590	6200	0	24935	0.0049	-0.0027	-0.0005	-2.14E+06	0.942
3807.590	6200	0	24862	0.0049	-0.0027	-0.0005	-2.13E+06	0.941

					3808.590	6200	0	24899	0.0049	-0.0027	-0.0005	-2.18E+06	0.941
					3809.590	6200	0	24899	0.0049	-0.0027	-0.0005	-2.21E+06	0.946
					3810.590	6199	0	24826	0.0049	-0.0027	-0.0006	-2.23E+06	0.948
					3811.580	6199	0	24899	0.0049	-0.0027	-0.0006	-2.24E+06	0.949
					3812.580	6199	0	24826	0.0049	-0.0027	-0.0006	-2.30E+06	0.956
					3813.580	6200	0	24862	0.0049	-0.0027	-0.0005	-2.32E+06	0.957
					3814.580	6199	0	24826	0.0049	-0.0027	-0.0005	-2.35E+06	0.960
					3815.580	6199	0	24826	0.0049	-0.0027	-0.0006	-2.38E+06	0.962
					3816.580	6199	0	24789	0.0049	-0.0028	-0.0006	-2.39E+06	0.965
					3817.580	6199	0	24789	0.0049	-0.0028	-0.0006	-2.38E+06	0.968
					3818.580	6200	0	24789	0.0049	-0.0028	-0.0006	-2.39E+06	0.972
					3819.580	6198	0	24789	0.0050	-0.0028	-0.0006	-2.35E+06	0.968
					3820.580	6200	0	24753	0.0050	-0.0028	-0.0006	-2.32E+06	0.975
					3821.580	6200	0	24753	0.0050	-0.0028	-0.0006	-2.33E+06	0.975
					3822.580	6199	0	24716	0.0050	-0.0028	-0.0006	-2.35E+06	0.975
					3823.580	6200	0	24753	0.0050	-0.0028	-0.0006	-2.37E+06	0.985
					3824.580	6200	0	24753	0.0050	-0.0028	-0.0006	-2.36E+06	0.982
					3825.580	6199	0	24716	0.0050	-0.0028	-0.0006	-2.35E+06	0.986
					3826.580	6201	0	24680	0.0050	-0.0028	-0.0006	-2.31E+06	0.986
					3827.580	6199	0	24607	0.0050	-0.0028	-0.0006	-2.30E+06	0.987
					3828.580	6199	0	24607	0.0050	-0.0028	-0.0006	-2.31E+06	0.988
					3829.580	6199	0	24571	0.0050	-0.0028	-0.0006	-2.32E+06	0.994
					3830.580	6200	0	24607	0.0050	-0.0028	-0.0006	-2.35E+06	0.985
					3831.580	6200	0	24571	0.0050	-0.0028	-0.0006	-2.35E+06	0.979
					3832.580	6199	0	24643	0.0050	-0.0028	-0.0007	-2.34E+06	0.982
					3833.580	6199	0	24534	0.0050	-0.0028	-0.0007	-2.37E+06	0.983
					3834.580	6199	0	24571	0.0050	-0.0029	-0.0007	-2.40E+06	0.984
					3835.580	6199	0	24534	0.0050	-0.0029	-0.0007	-2.40E+06	0.988
					3836.580	6199	0	24534	0.0050	-0.0029	-0.0007	-2.44E+06	0.987
					3837.580	6201	0	24498	0.0051	-0.0029	-0.0007	-2.44E+06	0.991
					3838.580	6199	0	24461	0.0051	-0.0029	-0.0007	-2.45E+06	0.999
					3839.580	6199	0	24498	0.0051	-0.0029	-0.0007	-2.45E+06	0.997
					3840.580	6200	0	24498	0.0051	-0.0029	-0.0007	-2.45E+06	0.993
					3841.580	6199	0	24425	0.0051	-0.0029	-0.0007	-2.46E+06	0.993
					3842.570	6200	0	24461	0.0051	-0.0029	-0.0007	-2.47E+06	0.988
					3843.570	6200	0	24461	0.0051	-0.0029	-0.0007	-2.49E+06	0.983
					3844.570	6199	0	24461	0.0051	-0.0029	-0.0007	-2.52E+06	0.993
					3845.570	6200	0	24534	0.0051	-0.0029	-0.0007	-2.54E+06	0.994
					3846.570	6200	0	24352	0.0051	-0.0029	-0.0007	-2.57E+06	0.995
					3847.570	6199	0	24315	0.0051	-0.0029	-0.0007	-2.61E+06	1.002
					3848.570	6199	0	24388	0.0051	-0.0029	-0.0008	-2.64E+06	0.997
					3849.570	6201	0	24388	0.0051	-0.0029	-0.0007	-2.67E+06	0.998
					3850.570	6199	0	24388	0.0051	-0.0029	-0.0008	-2.72E+06	1.004
					3851.570	6200	0	24425	0.0051	-0.0029	-0.0008	-2.78E+06	1.009
					3852.570	6199	0	24388	0.0051	-0.0030	-0.0008	-2.85E+06	1.018
					3853.570	6199	0	24279	0.0051	-0.0030	-0.0008	-2.95E+06	1.024
					3854.570	6200	0	24315	0.0051	-0.0030	-0.0008	-3.04E+06	1.029
					3855.570	6199	0	24206	0.0052	-0.0030	-0.0008	-3.13E+06	1.034
					3856.570	6200	0	24206	0.0052	-0.0030	-0.0008	-3.24E+06	1.042
					3857.570	6200	0	24279	0.0052	-0.0030	-0.0008	-3.35E+06	1.047
					3858.570	6200	0	24206	0.0052	-0.0030	-0.0008	-3.44E+06	1.053
					3859.570	6200	0	24169	0.0052	-0.0030	-0.0008	-3.55E+06	1.058
					3860.570	6200	0	24242	0.0052	-0.0030	-0.0008	-3.67E+06	1.069
					3861.570	6199	0	24133	0.0052	-0.0030	-0.0008	-3.78E+06	1.072
					3862.570	6200	0	24169	0.0052	-0.0030	-0.0008	-3.91E+06	1.088
					3863.570	6200	0	24206	0.0052	-0.0030	-0.0008	-4.04E+06	1.096
					3864.570	6199	0	24133	0.0052	-0.0030	-0.0008	-4.12E+06	1.100
					3865.570	6199	0	24097	0.0052	-0.0030	-0.0008	-4.22E+06	1.111
					3866.570	6199	0	24060	0.0052	-0.0030	-0.0009	-4.33E+06	1.118
					3867.570	6202	0	24060	0.0052	-0.0031	-0.0009	-4.50E+06	1.131
					3868.570	6199	0	23987	0.0053	-0.0031	-0.0009	-4.62E+06	1.144
					3869.570	6199	0	24024	0.0052	-0.0031	-0.0009	-4.73E+06	1.153
					3870.570	6199	0	23951	0.0052	-0.0031	-0.0009	-4.82E+06	1.156
					3871.570	6200	0	23914	0.0053	-0.0031	-0.0009	-4.94E+06	1.169
					3872.570	6199	0	23914	0.0053	-0.0031	-0.0009	-5.10E+06	1.171
					3873.560	6199	0	23841	0.0053	-0.0031	-0.0009	-5.25E+06	1.181
					3874.560	6199	0	23805	0.0053	-0.0031	-0.0009	-5.43E+06	1.195
					3875.560	6199	0	23768	0.0053	-0.0031	-0.0009	-5.54E+06	1.200
					3876.560	6199	0	23696	0.0053	-0.0031	-0.0010	-5.67E+06	1.206
					3877.560	6199	0	23696	0.0053	-0.0031	-0.0010	-5.78E+06	1.213
					3878.560	6201	0	23623	0.0053	-0.0031	-0.0010	-5.91E+06	1.218
					3879.560	6199	0	23586	0.0053	-0.0032	-0.0010	-6.07E+06	1.229
					3880.560	6199	0	23586	0.0053	-0.0032	-0.0010	-6.28E+06	1.241
					3881.560	6199	0	23477	0.0053	-0.0032	-0.0010	-6.44E+06	1.244
					3882.560	6199	0	23404	0.0053	-0.0032	-0.0010	-6.57E+06	1.246
					3883.560	6199	0	23331	0.0053	-0.0032	-0.0010	-6.75E+06	1.253

					3884.560	6199	0	23331	0.0054	-0.0032	-0.0010	-6.91E+06	1.260
					3885.560	6200	0	23295	0.0054	-0.0032	-0.0011	-7.10E+06	1.265
					3886.560	6200	0	23222	0.0054	-0.0032	-0.0011	-7.28E+06	1.273
					3887.560	6200	0	23222	0.0054	-0.0032	-0.0011	-7.44E+06	1.275
					3888.560	6201	0	23076	0.0054	-0.0032	-0.0011	-7.59E+06	1.277
					3889.560	6199	0	23149	0.0054	-0.0033	-0.0011	-7.73E+06	1.282
					3890.560	6201	0	23076	0.0054	-0.0033	-0.0011	-7.82E+06	1.287
					3891.560	6201	0	22967	0.0054	-0.0033	-0.0011	-7.89E+06	1.289
					3892.560	6200	0	22857	0.0054	-0.0033	-0.0012	-7.96E+06	1.291
					3893.560	6199	0	22857	0.0054	-0.0033	-0.0012	-8.00E+06	1.290
					3894.560	6199	0	22821	0.0054	-0.0033	-0.0012	-8.04E+06	1.285
					3895.560	6199	0	22675	0.0054	-0.0033	-0.0012	-8.12E+06	1.290
					3896.560	6200	0	22602	0.0055	-0.0033	-0.0012	-8.20E+06	1.293
					3897.560	6200	0	22456	0.0055	-0.0034	-0.0012	-8.30E+06	1.296
					3898.560	6200	0	22456	0.0055	-0.0034	-0.0012	-8.38E+06	1.301
					3899.560	6200	0	22310	0.0055	-0.0034	-0.0013	-8.38E+06	1.292
					3900.560	6199	0	22237	0.0055	-0.0034	-0.0013	-8.41E+06	1.288
					3901.560	6199	0	22128	0.0055	-0.0034	-0.0013	-8.49E+06	1.289
					3902.560	6199	0	22055	0.0055	-0.0034	-0.0013	-8.61E+06	1.293
					3903.560	6199	0	21946	0.0055	-0.0034	-0.0013	-8.71E+06	1.299
					3904.550	6200	0	21909	0.0055	-0.0034	-0.0013	-8.82E+06	1.303
					3905.550	6199	0	21691	0.0055	-0.0035	-0.0014	-8.85E+06	1.297
					3906.550	6199	0	21618	0.0055	-0.0035	-0.0014	-8.85E+06	1.291
					3907.550	6199	0	21581	0.0056	-0.0035	-0.0014	-8.92E+06	1.291
					3908.550	6199	0	21435	0.0056	-0.0035	-0.0014	-9.05E+06	1.294
					3909.550	6200	0	21435	0.0056	-0.0035	-0.0014	-9.23E+06	1.298
					3910.550	6199	0	21290	0.0056	-0.0035	-0.0014	-9.34E+06	1.296
					3911.550	6199	0	21217	0.0056	-0.0035	-0.0014	-9.37E+06	1.289
					3912.550	6199	0	21107	0.0056	-0.0035	-0.0014	-9.35E+06	1.269
					3913.550	6199	0	21107	0.0056	-0.0035	-0.0014	-9.59E+06	1.286
					3913.600	6200	0	21107	0.0056	-0.0035	-0.0014	-9.82E+06	1.287