

24BA002 (Stage 1)									24BA002 (Stage 2)									24BA002 Stage 3)									24BA002 Stage 4)								
Time	Pc	Pp	Diff. Stress	Axial Strain	Radial Strain	Volume Strain	Young's Modulus	Poisson's Ratio	Time	Pc	Pp	Diff. Stress	Axial Strain	Radial Strain	Volume Strain	Young's Modulus	Poisson's Ratio	Time	Pc	Pp	Diff. Stress	Axial Strain	Radial Strain	Volume Strain	Young's Modulus	Poisson's Ratio	Time	Pc	Pp	Diff. Stress	Axial Strain	Radial Strain	Volume Strain	Young's Modulus	Poisson's Ratio
[sec]	[psi]	[psi]	[psi]	[in/in]	[in/in]	[in3/in3]	[psi]	[-]	[sec]	[psi]	[psi]	[psi]	[in/in]	[in/in]	[in3/in3]	[psi]	[-]	[sec]	[psi]	[psi]	[psi]	[in/in]	[in/in]	[in3/in3]	[psi]	[-]	[sec]	[psi]	[psi]	[psi]	[in/in]	[in/in]	[in3/in3]	[psi]	[-]
890.353	1200	0	0	0.0000	0.0000	0.0000			1407.300	2199	0	354	0.0000	0.0000	0.0000			2341.190	4200	0	0	0.0000	0.0000	0.0000			723.993	6200	0	0	0.0000	0.0000	0.0000		
891.352	1200	0	-16	0.0000	0.0000	0.0000			1408.300	2201	0	370	0.0000	0.0000	0.0000			2342.190	4200	0	0	0.0000	0.0000	0.0000			724.993	6199	0	-16	0.0000	0.0000	0.0000		
892.352	1200	0	-32	0.0000	0.0000	0.0000			1409.300	2200	0	434	0.0000	0.0000	0.0000			2343.190	4202	0	-16	0.0000	0.0000	0.0000			725.992	6202	0	48	0.0000	0.0000	0.0000		
893.352	1201	0	-16	0.0000	0.0000	0.0000			1410.300	2201	0	563	0.0000	0.0000	0.0000			2344.190	4200	0	-16	0.0000	0.0000	0.0000			726.992	6200	0	80	0.0000	0.0000	0.0000		
894.351	1200	0	-48	0.0000	0.0000	0.0000			1411.300	2200	0	660	0.0000	0.0000	0.0000			2345.190	4200	0	16	0.0000	0.0000	0.0000			727.992	6201	0	322	0.0000	0.0000	0.0000		
895.351	1200	0	-32	0.0000	0.0000	0.0000			1412.300	2201	0	788	0.0001	0.0000	0.0001			2346.190	4199	0	-16	0.0000	0.0000	0.0000			728.991	6199	0	740	0.0001	0.0000	0.0001		
896.351	1201	0	-16	0.0000	0.0000	0.0000			1413.300	2200	0	885	0.0001	0.0000	0.0001			2347.190	4200	0	16	0.0000	0.0000	0.0000			729.991	6203	0	1046	0.0001	0.0000	0.0001		
897.350	1200	0	-16	0.0000	0.0000	0.0000			1414.300	2199	0	869	0.0001	0.0000	0.0001			2348.190	4200	0	16	0.0000	0.0000	0.0000			730.991	6203	0	1239	0.0001	0.0000	0.0001		
898.350	1201	0	-16	0.0000	0.0000	0.0000			1415.300	2201	0	869	0.0001	0.0000	0.0001			2349.190	4200	0	0	0.0000	0.0000	0.0000			731.990	6199	0	1287	0.0001	0.0000	0.0001		
899.350	1199	0	-48	0.0000	0.0000	0.0000			1416.300	2200	0	917	0.0001	0.0000	0.0001			2350.190	4201	0	-16	0.0000	0.0000	0.0000			732.990	6199	0	1319	0.0001	0.0000	0.0001		
900.349	1199	0	-32	0.0000	0.0000	0.0000			1417.300	2201	0	997	0.0001	0.0000	0.0001			2351.190	4199	0	0	0.0000	0.0000	0.0000			733.990	6199	0	1158	0.0001	0.0000	0.0001		
901.349	1201	0	0	0.0000	0.0000	0.0000			1418.300	2201	0	1046	0.0001	0.0000	0.0001			2352.190	4200	0	0	0.0000	0.0000	0.0000			734.989	6199	0	1319	0.0001	0.0000	0.0001		
902.349	1201	0	0	0.0000	0.0000	0.0000			1419.300	2200	0	1046	0.0001	0.0000	0.0001			2353.190	4201	0	32	0.0000	0.0000	0.0000			735.989	6199	0	1400	0.0001	0.0000	0.0001		
903.349	1201	0	-32	0.0000	0.0000	0.0000			1420.300	2201	0	965	0.0001	0.0000	0.0001			2354.190	4200	0	48	0.0000	0.0000	0.0000			736.989	6201	0	1480	0.0001	0.0000	0.0001		
904.348	1200	0	-16	0.0000	0.0000	0.0000			1421.300	2201	0	1014	0.0001	0.0000	0.0001			2355.190	4201	0	0	0.0000	0.0000	0.0000			737.988	6200	0	1528	0.0001	0.0000	0.0001		
905.348	1199	0	-16	0.0000	0.0000	0.0000			1422.300	2200	0	1110	0.0001	0.0000	0.0001			2356.180	4200	0	0	0.0000	0.0000	0.0000			738.988	6200	0	1593	0.0001	0.0000	0.0001		
906.348	1200	0	0	0.0000	0.0000	0.0000			1423.300	2199	0	1174	0.0001	0.0000	0.0001			2357.180	4198	0	16	0.0000	0.0000	0.0000			739.988	6200	0	1496	0.0002	0.0000	0.0001		
907.347	1200	0	-16	0.0000	0.0000	0.0000			1424.300	2201	0	1207	0.0001	0.0000	0.0001			2358.180	4200	0	0	0.0000	0.0000	0.0000			740.988	6198	0	1625	0.0001	0.0000	0.0001		
908.347	1202	0	0	0.0000	0.0000	0.0000			1425.300	2202	0	1207	0.0001	0.0000	0.0001			2359.180	4201	0	16	0.0000	0.0000	0.0000			741.987	6199	0	1689	0.0001	0.0000	0.0001		
909.347	1200	0	-16	0.0000	0.0000	0.0000			1426.300	2200	0	1126	0.0002	0.0000	0.0001			2360.180	4200	0	16	0.0000	0.0000	0.0000			742.987	6200	0	1770	0.0002	0.0000	0.0001		
910.346	1201	0	-32	0.0000	0.0000	0.0000			1427.300	2201	0	1110	0.0001	0.0000	0.0001			2361.180	4200	0	64	0.0000	0.0000	0.0000			743.987	6200	0	1850	0.0002	0.0000	0.0001		
911.346	1200	0	0	0.0000	0.0000	0.0000			1428.300	2200	0	1207	0.0001	0.0000	0.0001			2362.180	4200	0	32	0.0000	0.0000	0.0000			744.986	6200	0	1866	0.0002	0.0000	0.0001		
912.346	1200	0	0	0.0000	0.0000	0.0000			1429.300	2200	0	1335	0.0001	0.0000	0.0001			2363.180	4199	0	16	0.0000	0.0000	0.0000			745.986	6200	0	1770					

962.330	1200	0	80	0.0000	0.0000	0.0000	2.66E+06	0.062	1479.280	2200	0	2799	0.0004	0.0000	0.0003	6.48E+06	0.129	2413.170	4200	0	161	0.0000	0.0000	0.0000	2.15E+06	0.125	795.970	6199	0	3958	0.0004	-0.0001	0.0003	8.07E+06	0.167
963.329	1199	0	64	0.0000	0.0000	0.0000	2.71E+06	0.056	1480.280	2199	0	2719	0.0004	0.0000	0.0003	6.42E+06	0.130	2414.170	4200	0	145	0.0000	0.0000	0.0000	2.20E+06	0.126	796.970	6199	0	4038	0.0004	-0.0001	0.0003	8.11E+06	0.166
964.329	1200	0	64	0.0000	0.0000	0.0000	2.67E+06	0.058	1481.280	2201	0	2703	0.0004	0.0000	0.0003	6.52E+06	0.130	2415.170	4201	0	113	0.0000	0.0000	0.0000	2.22E+06	0.123	797.969	6200	0	4054	0.0004	-0.0001	0.0003	8.16E+06	0.165
965.329	1201	0	64	0.0000	0.0000	0.0000	2.68E+06	0.061	1482.280	2201	0	2831	0.0004	0.0000	0.0003	6.53E+06	0.131	2416.170	4201	0	145	0.0000	0.0000	0.0000	2.38E+06	0.118	798.969	6199	0	4102	0.0004	-0.0001	0.0003	8.11E+06	0.165
966.328	1199	0	80	0.0000	0.0000	0.0000	2.59E+06	0.063	1483.280	2201	0	2912	0.0004	0.0000	0.0004	6.53E+06	0.131	2417.170	4200	0	129	0.0000	0.0000	0.0000	2.42E+06	0.118	799.969	6200	0	3990	0.0004	-0.0001	0.0003	8.02E+06	0.166
967.328	1199	0	64	0.0000	0.0000	0.0000	2.64E+06	0.059	1484.280	2201	0	2976	0.0004	0.0000	0.0004	6.61E+06	0.132	2418.170	4200	0	129	0.0000	0.0000	0.0000	2.50E+06	0.119	800.968	6200	0	4022	0.0004	-0.0001	0.0003	8.11E+06	0.166
968.328	1201	0	80	0.0000	0.0000	0.0000	2.58E+06	0.078	1485.280	2201	0	2976	0.0004	0.0000	0.0004	6.60E+06	0.134	2419.160	4201	0	161	0.0000	0.0000	0.0000	2.52E+06	0.117	801.968	6199	0	4183	0.0004	-0.0001	0.0003	8.06E+06	0.166
969.327	1199	0	80	0.0000	0.0000	0.0000	2.55E+06	0.066	1486.280	2201	0	2912	0.0004	0.0000	0.0004	6.58E+06	0.135	2420.160	4201	0	145	0.0000	0.0000	0.0000	2.53E+06	0.115	802.968	6199	0	4247	0.0004	-0.0001	0.0003	8.13E+06	0.166
970.327	1200	0	64	0.0000	0.0000	0.0000	2.62E+06	0.065	1487.280	2200	0	2864	0.0004	0.0000	0.0004	6.67E+06	0.135	2421.160	4200	0	145	0.0000	0.0000	0.0000	2.62E+06	0.110	803.967	6200	0	4328	0.0005	-0.0001	0.0003	8.20E+06	0.166
971.327	1199	0	80	0.0000	0.0000	0.0000	2.58E+06	0.062	1488.280	2201	0	3025	0.0004	0.0000	0.0004	6.65E+06	0.137	2422.160	4200	0	145	0.0000	0.0000	0.0000	2.66E+06	0.109	804.967	6199	0	4328	0.0005	-0.0001	0.0003	8.15E+06	0.167
972.326	1199	0	97	0.0000	0.0000	0.0000	2.61E+06	0.057	1489.280	2201	0	3121	0.0005	0.0000	0.0004	6.65E+06	0.139	2423.160	4202	0	113	0.0000	0.0000	0.0000	2.67E+06	0.107	805.967	6199	0	4215	0.0005	-0.0001	0.0003	8.10E+06	0.168
973.326	1203	0	113	0.0000	0.0000	0.0000	2.73E+06	0.054	1490.280	2200	0	3153	0.0005	0.0000	0.0004	6.74E+06	0.142	2424.160	4201	0	145	0.0000	0.0000	0.0000	2.62E+06	0.108	806.966	6200	0	4231	0.0005	-0.0001	0.0003	8.17E+06	0.168
974.326	1200	0	97	0.0000	0.0000	0.0000	2.81E+06	0.053	1491.280	2201	0	3102	0.0005	0.0000	0.0004	6.75E+06	0.142	2425.160	4199	0	145	0.0000	0.0000	0.0000	2.67E+06	0.106	807.966	6199	0	4424	0.0005	-0.0001	0.0003	8.13E+06	0.168
975.326	1200	0	129	0.0000	0.0000	0.0000	2.83E+06	0.064	1492.280	2201	0	3137	0.0005	0.0000	0.0004	6.82E+06	0.142	2426.160	4200	0	145	0.0000	0.0000	0.0000	2.68E+06	0.106	808.966	6199	0	4521	0.0005	-0.0001	0.0003	8.16E+06	0.169
976.325	1201	0	80	0.0000	0.0000	0.0000	2.79E+06	0.066	1493.280	2201	0	3089	0.0005	0.0000	0.0004	6.90E+06	0.143	2427.160	4199	0	161	0.0000	0.0000	0.0000	2.76E+06	0.101	809.965	6199	0	4569	0.0005	-0.0001	0.0003	8.22E+06	0.171
977.325	1201	0	64	0.0000	0.0000	0.0000	2.69E+06	0.065	1494.280	2200	0	3234	0.0005	0.0000	0.0004	6.90E+06	0.143	2428.160	4199	0	161	0.0000	0.0000	0.0000	2.88E+06	0.102	810.965	6200	0	4601	0.0005	-0.0001	0.0003	8.16E+06	0.171
978.325	1200	0	113	0.0000	0.0000	0.0000	2.58E+06	0.063	1495.280	2201	0	3298	0.0005	0.0000	0.0004	6.93E+06	0.146	2429.160	4197	0	145	0.0000	0.0000	0.0000	3.04E+06	0.130	811.965	6200	0	4505	0.0005	-0.0001	0.0003	8.14E+06	0.174
979.324	1200	0	97	0.0000	0.0000	0.0000	2.51E+06	0.051	1496.280	2201	0	3378	0.0005	0.0000	0.0004	7.00E+06	0.146	2430.160	4200	0	161	0.0000	0.0000	0.0000	3.01E+06	0.134	812.964	6199	0	4489	0.0005	-0.0001	0.0003	8.23E+06	0.175
980.324	1201	0	80	0.0000	0.0000	0.0000	2.35E+06	0.057	1497.280	2200	0	3395	0.0005	0.0000	0.0004	7.02E+06	0.146	2431.160	4201	0	161	0.0000	0.0000	0.0000	2.98E+06	0.133	813.964	6199	0	4666	0.0005	-0.0001	0.0003	8.24E+06	0.176
981.324	1200	0	113	0.0000	0.0000	0.0000	2.37E+06	0.055	1498.280	2199	0	3378	0.0005	0.0000	0.0004	7.03E+06	0.146	2432.160	4201	0	177	0.0000	0.0000	0.0000	3.09E+06	0.128	814.964	6199	0	4746	0.0005	-0.0001	0.0004	8.33E+06	0.178
982.323	1201	0	113	0.0000	0.0000	0.0000	2.31E+06	0.054	1499.280	2201	0	3362	0.0005	0.0000	0.0004	7.09E+06	0.146	2433.160	4201	0	161	0.0000	0.0000	0.0000	3.18E+06	0.127	815.964	6199	0	4794	0.0005	-0.0001	0.0004	8.40E+06	0.180
983.323	1199	0	80	0.0000	0.0000	0.0000	2.32E+06	0.047	1500.280	2200	0	3507	0.0005	0.0000	0.0004	7.11E+06	0.145	2434.160	4200	0	177	0.0000	0.0000	0.0000	3.22E+06	0.125	816.963	6200	0	4859	0.0005	-0.0001	0.0004	8.37E+06	0.180
984.323	1200	0	97	0.0000	0.0000	0.0000	2.37E+06	0.049	1501.270	2201	0	3588	0.0005	0.0000	0.0004	7.07E+06	0.146	2435.160	4200	0	177	0.0000	0.0000	0.0000	3.26E+06	0.126	817.963	6199	0	4714	0.0005	-0.0001	0.0004	8.34E+06	0.181
985.322	1199	0	80	0.0000	0.0000	0.0000	2.53E+06	0.050	1502.270	2202	0	3588	0.0005	0.0000	0.0004	7.14E+06	0.147	2436.160	4201	0	193	0.0000	0.0000	0.0000	3.23E+06	0.130	818.963	6199	0	4698	0.0005	-0.0001	0.0004	8.44E+06	0.181
986.322	1200	0	97	0.0000	0.0000	0.0000	2.55E+06	0.057	1503.270	2199	0	3620	0.0005	0.0000	0.0004	7.12E+06	0.146	2437.160	4200	0	193	0.0000	0.0000	0.0000	3.21E+06	0.127	819.962	6202	0	4923	0.0005	-0.0001	0.0004	8.45E+06	0.182
987.322	1201	0	113	0.0000	0.0000	0.0000	2.63E+06	0.065	1504.270	2201	0	3539	0.0005	-0.0001	0.0004	7.16E+06	0.148	2438.160	4201	0	177	0.0000	0.0000	0.0000	3.16E+06	0.127	820.962	6200	0	5003	0.0005	-0.0001	0.0004	8.49E+06	0.182
988.321	1201	0	113	0.0000	0.0000	0.0000	2.64E+06	0.068	1505.270	2200	0	3523	0.0005	-0.0001	0.0004	7.22E+06	0.150	2439.160	4199	0	209	0.0000	0.0000	0.0000	3.27E+06	0.129	821.962	6200	0	5068	0.0005	-0.0001	0.0004	8.58E+06	0.183
989.321	1202	0	113	0.0000	0.0000	0.0000	2.62E+06	0.075	1506.270	2202	0	3700	0.0005	0.0000	0.0004	7.24E+06	0.152	2440.160	4200	0	193	0.0000	0.0000	0.0000	3.30E+06	0.119	822.961	6199	0	5084	0.0006	-0.0001	0.0004	8.57E+06	0.184
990.321	1199	0	113	0.0000	0.0000	0.0000	2.60E+06	0.076	1507.270	2199	0	3749	0.0005	0.0000	0.0004	7.26E+06	0.152	2441.160	4199	0	193	0.0000	0.0000	0.0000	3.23E+06	0.116	823.961	6199	0	5003	0.0006	-0.0001	0.0004	8.53E+06	0.185
991.320	1201	0	113	0.0000	0.0000	0.0000	2.39E+06	0.074	1508.270	2201	0	3797	0.0005	-0.0001	0.0004	7.33E+06	0.153	2442.160	4201	0	209	0.0000	0.0000	0.0000	3.27E+06	0.116	824.961	6200	0	4923	0.0006	-0.0001	0.0004	8.63E+06	0.186
992.320	1199	0	145	0.0000	0.0000	0.0000	2.39E+06	0.081	1509.270	2199	0	3845	0.0005	-0.0001	0.0004	7.29E+06	0.151	2443.160	4200	0	209	0.0000	0.0000	0.0000	3.26E+06	0.105	825.960	6201	0	5180	0.0006	-0.0001	0.0004	8.64E+06	0.188
993.320	1201	0	129	0.0000	0.0000	0.0000	2.40E+06	0.079	1510.270	2200	0	3732	0.0006	-0.0001	0.0004	7.33E+06	0.152	2444.160	4199	0	225	0.0000	0.0000	0.0000	3.31E+06	0.102	826.960	6201	0	5245	0.0006	-0.0001	0.0004	8.65E+06	0.188
994.319	1202	0	129	0.0000	0.0000	0.0000	2.41E+06	0.078	1511.270	2201	0	3668	0.0006	-0.0001	0.0004	7.41E+06	0.152	2445.160	4200	0	209	0.0000	0.0000	0.0000	3.37E+06	0.103	827.960	6199	0	5293	0.0006	-0.0001	0.0004	8.75E+06	0.187
995.319	1200	0	129	0.0000	0.0000	0.0000	2.63E+06	0.078	1512.27																										

1038.080	1200	0	756	0.0002	0.0000	0.0002	4.81E+06	0.022	1555.260	2200	0	5518	0.0008	-0.0001	0.0006	7.43E+06	0.157	2488.370	4199	0	370	0.0001	0.0000	0.0001	7.16E+06	0.051	871.946	6199	0	7143	0.0008	-0.0001	0.0005	8.78E+06	0.199
1039.080	1200	0	772	0.0002	0.0000	0.0002	4.78E+06	0.022	1556.260	2201	0	5566	0.0008	-0.0001	0.0006	7.43E+06	0.158	2489.370	4201	0	370	0.0001	0.0000	0.0001	7.28E+06	0.055	872.945	6199	0	7095	0.0008	-0.0001	0.0005	8.84E+06	0.199
1040.080	1201	0	820	0.0002	0.0000	0.0002	4.74E+06	0.025	1557.260	2201	0	5599	0.0008	-0.0001	0.0006	7.38E+06	0.158	2490.370	4200	0	418	0.0001	0.0000	0.0001	7.36E+06	0.056	873.945	6199	0	7256	0.0008	-0.0001	0.0005	8.80E+06	0.200
1041.080	1201	0	853	0.0002	0.0000	0.0002	4.73E+06	0.026	1558.260	2201	0	5566	0.0008	-0.0001	0.0006	7.46E+06	0.158	2491.370	4200	0	386	0.0001	0.0000	0.0001	7.44E+06	0.058	874.945	6200	0	7401	0.0008	-0.0001	0.0005	8.76E+06	0.201
1042.080	1200	0	885	0.0002	0.0000	0.0002	4.68E+06	0.026	1559.260	2201	0	5518	0.0008	-0.0001	0.0006	7.47E+06	0.156	2492.370	4200	0	434	0.0001	0.0000	0.0001	7.52E+06	0.058	875.944	6199	0	7481	0.0008	-0.0001	0.0005	8.92E+06	0.204
1043.080	1199	0	901	0.0002	0.0000	0.0002	4.63E+06	0.026	1560.260	2198	0	5647	0.0008	-0.0001	0.0006	7.43E+06	0.155	2493.370	4200	0	418	0.0001	0.0000	0.0001	7.60E+06	0.058	876.944	6203	0	7545	0.0008	-0.0001	0.0005	8.93E+06	0.206
1044.080	1200	0	965	0.0002	0.0000	0.0002	4.59E+06	0.026	1561.260	2201	0	5711	0.0008	-0.0001	0.0006	7.43E+06	0.155	2494.360	4200	0	579	0.0001	0.0000	0.0001	7.65E+06	0.059	877.944	6200	0	7224	0.0008	-0.0001	0.0005	8.85E+06	0.207
1045.080	1200	0	933	0.0002	0.0000	0.0002	4.57E+06	0.027	1562.260	2201	0	5711	0.0008	-0.0001	0.0006	7.49E+06	0.154	2495.360	4200	0	804	0.0001	0.0000	0.0001	7.73E+06	0.059	878.943	6200	0	7079	0.0008	-0.0001	0.0005	8.90E+06	0.205
1046.080	1201	0	965	0.0002	0.0000	0.0002	4.54E+06	0.029	1563.260	2201	0	5776	0.0008	-0.0001	0.0006	7.49E+06	0.153	2496.360	4201	0	965	0.0001	0.0000	0.0001	7.81E+06	0.060	879.943	6200	0	7304	0.0008	-0.0001	0.0005	8.88E+06	0.206
1047.080	1200	0	997	0.0002	0.0000	0.0002	4.50E+06	0.030	1564.250	2201	0	5792	0.0008	-0.0001	0.0006	7.58E+06	0.154	2497.360	4198	0	1078	0.0002	0.0000	0.0001	7.87E+06	0.061	880.943	6201	0	7626	0.0008	-0.0001	0.0005	8.82E+06	0.205
1048.070	1200	0	1014	0.0002	0.0000	0.0002	4.50E+06	0.031	1565.250	2203	0	5840	0.0008	-0.0001	0.0006	7.61E+06	0.152	2498.360	4200	0	1158	0.0002	0.0000	0.0001	7.93E+06	0.062	881.942	6200	0	7722	0.0008	-0.0001	0.0005	8.88E+06	0.206
1049.070	1200	0	1046	0.0002	0.0000	0.0002	4.49E+06	0.030	1566.250	2202	0	5872	0.0008	-0.0001	0.0006	7.59E+06	0.152	2499.360	4201	0	1239	0.0002	0.0000	0.0002	8.00E+06	0.063	882.942	6199	0	7803	0.0008	-0.0001	0.0006	8.88E+06	0.206
1050.070	1200	0	1078	0.0002	0.0000	0.0002	4.49E+06	0.032	1567.250	2200	0	5920	0.0008	-0.0001	0.0006	7.56E+06	0.152	2500.360	4200	0	1367	0.0002	0.0000	0.0002	8.06E+06	0.064	883.942	6200	0	7690	0.0009	-0.0001	0.0006	8.89E+06	0.207
1051.070	1201	0	1094	0.0002	0.0000	0.0002	4.52E+06	0.030	1568.250	2200	0	5969	0.0008	-0.0001	0.0006	7.60E+06	0.152	2501.360	4199	0	1416	0.0002	0.0000	0.0002	8.09E+06	0.066	884.941	6199	0	7658	0.0009	-0.0001	0.0006	8.95E+06	0.205
1052.070	1200	0	1110	0.0002	0.0000	0.0002	4.49E+06	0.031	1569.250	2200	0	6017	0.0008	-0.0001	0.0006	7.65E+06	0.154	2502.360	4199	0	1287	0.0002	0.0000	0.0002	8.15E+06	0.065	885.941	6200	0	7803	0.0008	-0.0001	0.0005	8.98E+06	0.204
1053.070	1201	0	1142	0.0003	0.0000	0.0002	4.46E+06	0.033	1570.250	2201	0	6065	0.0009	-0.0001	0.0007	7.68E+06	0.154	2503.360	4199	0	1174	0.0002	0.0000	0.0002	8.17E+06	0.067	886.941	6202	0	7931	0.0009	-0.0001	0.0006	8.96E+06	0.203
1054.070	1200	0	1174	0.0003	0.0000	0.0002	4.47E+06	0.034	1571.250	2199	0	6065	0.0008	-0.0001	0.0006	7.75E+06	0.155	2504.360	4201	0	1142	0.0002	0.0000	0.0002	8.19E+06	0.069	887.940	6199	0	7996	0.0009	-0.0002	0.0006	9.07E+06	0.203
1055.070	1200	0	1191	0.0002	0.0000	0.0002	4.46E+06	0.034	1572.250	2200	0	6097	0.0008	-0.0001	0.0006	7.71E+06	0.157	2505.360	4201	0	1062	0.0002	0.0000	0.0002	8.26E+06	0.069	888.940	6199	0	8076	0.0009	-0.0002	0.0006	9.08E+06	0.203
1056.070	1200	0	1207	0.0003	0.0000	0.0003	4.46E+06	0.035	1573.250	2201	0	6146	0.0009	-0.0001	0.0007	7.68E+06	0.157	2506.360	4199	0	1062	0.0002	0.0000	0.0002	8.28E+06	0.071	889.940	6199	0	7931	0.0009	-0.0002	0.0006	9.08E+06	0.204
1057.070	1199	0	1239	0.0003	0.0000	0.0002	4.47E+06	0.034	1574.250	2200	0	6178	0.0009	-0.0001	0.0007	7.68E+06	0.155	2507.360	4201	0	1078	0.0002	0.0000	0.0002	8.33E+06	0.072	890.940	6199	0	7915	0.0009	-0.0002	0.0006	9.06E+06	0.202
1058.070	1200	0	1255	0.0003	0.0000	0.0003	4.49E+06	0.034	1575.250	2201	0	6210	0.0009	-0.0001	0.0006	7.59E+06	0.154	2508.360	4201	0	1078	0.0002	0.0000	0.0002	8.37E+06	0.073	891.939	6200	0	8044	0.0009	-0.0002	0.0006	9.04E+06	0.202
1059.070	1201	0	1287	0.0003	0.0000	0.0003	4.51E+06	0.034	1576.250	2200	0	6226	0.0009	-0.0001	0.0007	7.63E+06	0.154	2509.360	4200	0	1094	0.0002	0.0000	0.0002	8.40E+06	0.076	892.939	6199	0	8189	0.0009	-0.0002	0.0006	9.00E+06	0.201
1060.070	1200	0	1303	0.0003	0.0000	0.0003	4.54E+06	0.036	1577.250	2201	0	6242	0.0009	-0.0001	0.0007	7.68E+06	0.154	2510.360	4201	0	1448	0.0002	0.0000	0.0002	8.40E+06	0.079	893.939	6199	0	8285	0.0009	-0.0002	0.0006	9.07E+06	0.201
1061.070	1200	0	1319	0.0003	0.0000	0.0003	4.55E+06	0.037	1578.250	2201	0	6339	0.0009	-0.0001	0.0007	7.67E+06	0.154	2511.360	4200	0	1561	0.0002	0.0000	0.0002	8.42E+06	0.082	894.938	6199	0	8318	0.0009	-0.0002	0.0006	9.08E+06	0.200
1062.070	1201	0	1335	0.0003	0.0000	0.0003	4.58E+06	0.038	1579.250	2200	0	6339	0.0009	-0.0001	0.0007	7.63E+06	0.154	2512.360	4201	0	1705	0.0002	0.0000	0.0002	8.38E+06	0.084	895.938	6201	0	8189	0.0009	-0.0002	0.0006	9.03E+06	0.200
1063.070	1201	0	1367	0.0003	0.0000	0.0003	4.62E+06	0.039	1580.250	2201	0	6387	0.0009	-0.0001	0.0007	7.67E+06	0.156	2513.360	4198	0	1802	0.0002	0.0000	0.0002	8.43E+06	0.087	896.938	6199	0	8205	0.0009	-0.0002	0.0006	9.06E+06	0.201
1064.070	1200	0	1367	0.0003	0.0000	0.0003	4.60E+06	0.040	1581.250	2200	0	6403	0.0009	-0.0001	0.0007	7.63E+06	0.156	2514.360	4201	0	1834	0.0002	0.0000	0.0002	8.52E+06	0.090	897.937	6199	0	8318	0.0009	-0.0002	0.0006	9.07E+06	0.201
1065.070	1199	0	1416	0.0003	0.0000	0.0003	4.61E+06	0.040	1582.250	2200	0	6451	0.0009	-0.0001	0.0007	7.68E+06	0.155	2515.360	4201	0	1866	0.0003	0.0000	0.0002	8.56E+06	0.094	898.937	6200	0	8462	0.0009	-0.0002	0.0006	9.06E+06	0.201
1066.070	1200	0	1448	0.0003	0.0000	0.0003	4.62E+06	0.040	1583.250	2201	0	6484	0.0009	-0.0001	0.0007	7.70E+06	0.155	2516.360	4200	0	1882	0.0002	0.0000	0.0002	8.56E+06	0.096	899.937	6199	0	8527	0.0009	-0.0002	0.0006	9.16E+06	0.201
1067.070	1200	0	1464	0.0003	0.0000	0.0003	4.62E+06	0.042	1584.250	2201	0	6548	0.0009	-0.0001	0.0007	7.66E+06	0.155	2517.360	4199	0	1914	0.0002	0.0000	0.0002	8.54E+06	0.099	900.936	6199	0	8607	0.0009	-0.0002	0.0006	9.17E+06	0.200
1068.070	1200	0	1480	0.0003	0.0000	0.0003	4.65E+06	0.045	1585.250	2201	0	6596	0.0009	-0.0001	0.0007	7.64E+06	0.156	2518.360	4200	0	1947	0.0002	0.0000	0.0002	8.60E+06	0.104	901.936	6199	0	8511	0.0009	-0.0002	0.0006	9.16E+06	0.201
1069.070	1201	0	1512	0.0003	0.0000	0.0003	4.67E+06	0.045	1586.250	2200	0	6644	0.0009	-0.0001	0.0007	7.69E+06	0.156	2519.360	4200	0	2011	0.0003	0.0000	0.0002	8.68E+06	0.110	902.936	6199	0	8462	0.0009	-0.0002	0.0006	9.19E+06	0.201
1070.070	1202	0	1512	0.0003	0.0000	0.0003	4.70E+06	0.046	1587.250	2200	0	6693	0.0009	-0.0001	0.0007	7.62E+06	0.157	2520.360	4200	0	2011	0.0003	0.0000	0.0002	8.80E+06	0.114	903.935	6199	0	8543	0.0009	-0.0002	0.0006	9.08E+06	0.201

1114.050	1200	0	2622	0.0005	0.0000	0.0005	5.39E+06	0.089	1631.230	2201	0	8318	0.0011	-0.0001	0.0008	8.09E+06	0.167	2564.340	4200	0	3732	0.0005	0.0000	0.0004	8.76E+06	0.177	947.921	6201	0	10747	0.0012	-0.0002	0.0007	9.11E+06	0.211
1115.050	1201	0	2638	0.0005	0.0000	0.0005	5.38E+06	0.091	1632.230	2200	0	8366	0.0011	-0.0001	0.0009	8.10E+06	0.167	2565.340	4200	0	3748	0.0005	0.0000	0.0004	8.81E+06	0.176	948.921	6200	0	10795	0.0012	-0.0002	0.0007	9.08E+06	0.210
1116.050	1200	0	2687	0.0006	0.0000	0.0005	5.41E+06	0.091	1633.230	2201	0	8398	0.0012	-0.0001	0.0009	8.12E+06	0.165	2566.340	4200	0	3797	0.0005	0.0000	0.0004	8.85E+06	0.179	949.921	6199	0	10699	0.0012	-0.0002	0.0008	9.11E+06	0.211
1117.050	1200	0	2671	0.0006	0.0000	0.0005	5.43E+06	0.091	1634.230	2200	0	8462	0.0012	-0.0002	0.0009	8.22E+06	0.167	2567.340	4201	0	3861	0.0005	-0.0001	0.0004	8.81E+06	0.178	950.920	6200	0	10683	0.0012	-0.0002	0.0008	9.13E+06	0.210
1118.050	1200	0	2703	0.0006	0.0000	0.0005	5.43E+06	0.094	1635.230	2200	0	8495	0.0012	-0.0002	0.0009	8.17E+06	0.167	2568.340	4200	0	3877	0.0005	-0.0001	0.0004	8.86E+06	0.177	951.920	6199	0	10699	0.0012	-0.0002	0.0008	9.11E+06	0.211
1119.050	1201	0	2735	0.0006	0.0000	0.0005	5.46E+06	0.094	1636.230	2202	0	8527	0.0012	-0.0002	0.0009	8.22E+06	0.168	2569.340	4201	0	3942	0.0005	-0.0001	0.0004	8.84E+06	0.176	952.920	6199	0	10892	0.0012	-0.0002	0.0007	9.12E+06	0.213
1120.050	1201	0	2783	0.0006	0.0000	0.0005	5.46E+06	0.094	1637.230	2200	0	8559	0.0012	-0.0002	0.0009	8.25E+06	0.169	2570.340	4200	0	3990	0.0005	0.0000	0.0004	8.83E+06	0.176	953.919	6200	0	10972	0.0012	-0.0002	0.0008	9.12E+06	0.213
1121.050	1201	0	2815	0.0006	0.0000	0.0005	5.49E+06	0.096	1638.230	2200	0	8591	0.0012	-0.0002	0.0009	8.22E+06	0.170	2571.340	4198	0	4038	0.0005	0.0000	0.0004	8.85E+06	0.175	954.919	6200	0	11053	0.0012	-0.0002	0.0008	9.11E+06	0.213
1122.050	1200	0	2831	0.0006	0.0000	0.0005	5.52E+06	0.096	1639.230	2200	0	8623	0.0012	-0.0002	0.0009	8.26E+06	0.172	2572.340	4199	0	4070	0.0005	0.0000	0.0004	8.89E+06	0.176	955.919	6200	0	10972	0.0012	-0.0002	0.0008	9.10E+06	0.213
1123.050	1199	0	2864	0.0006	0.0000	0.0005	5.58E+06	0.097	1640.230	2201	0	8655	0.0012	-0.0002	0.0009	8.26E+06	0.172	2573.340	4201	0	4119	0.0005	-0.0001	0.0004	8.89E+06	0.177	956.918	6199	0	10940	0.0012	-0.0002	0.0008	9.16E+06	0.215
1124.050	1200	0	2896	0.0006	0.0000	0.0005	5.56E+06	0.097	1641.230	2200	0	8704	0.0012	-0.0002	0.0009	8.24E+06	0.174	2574.340	4201	0	4135	0.0005	-0.0001	0.0004	8.88E+06	0.177	957.918	6199	0	10988	0.0012	-0.0002	0.0008	9.12E+06	0.215
1125.050	1201	0	2896	0.0006	0.0000	0.0005	5.61E+06	0.097	1642.230	2200	0	8784	0.0012	-0.0002	0.0009	8.30E+06	0.175	2575.340	4201	0	4199	0.0005	-0.0001	0.0004	8.86E+06	0.176	958.918	6199	0	11133	0.0012	-0.0002	0.0008	9.10E+06	0.215
1126.050	1200	0	2912	0.0006	0.0000	0.0005	5.63E+06	0.097	1643.230	2201	0	8800	0.0012	-0.0002	0.0009	8.33E+06	0.176	2576.340	4200	0	4215	0.0005	-0.0001	0.0004	8.85E+06	0.177	959.917	6200	0	11262	0.0012	-0.0002	0.0008	9.13E+06	0.215
1127.050	1200	0	2960	0.0006	0.0000	0.0005	5.67E+06	0.099	1644.230	2200	0	8816	0.0012	-0.0002	0.0009	8.34E+06	0.178	2577.340	4198	0	4279	0.0005	-0.0001	0.0004	8.89E+06	0.178	960.917	6200	0	11326	0.0012	-0.0002	0.0008	9.11E+06	0.215
1128.050	1200	0	3008	0.0006	0.0000	0.0006	5.67E+06	0.099	1645.230	2200	0	8865	0.0012	-0.0002	0.0009	8.36E+06	0.178	2578.340	4201	0	4295	0.0005	-0.0001	0.0004	8.87E+06	0.179	961.917	6199	0	11246	0.0012	-0.0002	0.0008	9.07E+06	0.215
1129.050	1200	0	3025	0.0006	0.0000	0.0006	5.72E+06	0.100	1646.230	2201	0	8913	0.0012	-0.0002	0.0009	8.36E+06	0.176	2579.340	4198	0	4360	0.0005	-0.0001	0.0004	8.85E+06	0.181	962.916	6199	0	11213	0.0012	-0.0002	0.0008	9.11E+06	0.215
1130.050	1200	0	3041	0.0006	0.0000	0.0006	5.72E+06	0.100	1647.230	2199	0	8961	0.0012	-0.0002	0.0009	8.29E+06	0.177	2580.340	4200	0	4392	0.0006	-0.0001	0.0004	8.91E+06	0.182	963.916	6199	0	11278	0.0012	-0.0002	0.0008	9.04E+06	0.215
1131.050	1202	0	3073	0.0006	0.0000	0.0006	5.76E+06	0.102	1648.230	2200	0	8993	0.0012	-0.0002	0.0009	8.33E+06	0.177	2581.340	4202	0	4440	0.0005	-0.0001	0.0004	8.89E+06	0.183	964.916	6199	0	11407	0.0012	-0.0002	0.0008	9.05E+06	0.217
1132.050	1200	0	3073	0.0006	0.0000	0.0006	5.78E+06	0.104	1649.230	2201	0	9025	0.0012	-0.0002	0.0009	8.33E+06	0.177	2582.340	4200	0	4505	0.0005	-0.0001	0.0004	8.84E+06	0.183	965.915	6200	0	11487	0.0013	-0.0002	0.0008	9.03E+06	0.217
1133.050	1199	0	3105	0.0006	0.0000	0.0006	5.74E+06	0.105	1650.230	2200	0	9058	0.0012	-0.0002	0.0009	8.30E+06	0.177	2583.340	4200	0	4505	0.0006	-0.0001	0.0004	8.88E+06	0.182	966.915	6199	0	11616	0.0013	-0.0002	0.0008	9.04E+06	0.217
1134.050	1201	0	3153	0.0006	0.0000	0.0006	5.80E+06	0.108	1651.230	2201	0	9106	0.0012	-0.0002	0.0009	8.31E+06	0.176	2584.340	4200	0	4553	0.0006	-0.0001	0.0004	8.83E+06	0.182	967.915	6199	0	11535	0.0013	-0.0002	0.0008	9.06E+06	0.218
1135.050	1200	0	3169	0.0007	0.0000	0.0006	5.85E+06	0.109	1652.230	2199	0	9154	0.0012	-0.0002	0.0009	8.31E+06	0.176	2585.340	4201	0	4633	0.0006	-0.0001	0.0004	8.78E+06	0.182	968.915	6200	0	11551	0.0013	-0.0002	0.0008	9.08E+06	0.217
1136.050	1201	0	3218	0.0007	0.0000	0.0006	5.84E+06	0.109	1653.230	2200	0	9202	0.0012	-0.0002	0.0009	8.28E+06	0.176	2586.340	4200	0	4649	0.0006	-0.0001	0.0004	8.76E+06	0.181	969.914	6200	0	11583	0.0013	-0.0002	0.0008	9.09E+06	0.216
1137.050	1200	0	3282	0.0007	0.0000	0.0006	5.90E+06	0.109	1654.230	2201	0	9218	0.0013	-0.0002	0.0009	8.33E+06	0.177	2587.340	4200	0	4714	0.0006	-0.0001	0.0004	8.73E+06	0.181	970.914	6199	0	11696	0.0013	-0.0002	0.0008	9.10E+06	0.216
1138.050	1199	0	3282	0.0007	0.0000	0.0006	5.90E+06	0.109	1655.230	2201	0	9283	0.0013	-0.0002	0.0009	8.39E+06	0.177	2588.330	4200	0	4730	0.0006	-0.0001	0.0004	8.67E+06	0.181	971.914	6201	0	11809	0.0013	-0.0002	0.0008	9.16E+06	0.214
1139.050	1201	0	3298	0.0007	0.0000	0.0006	5.90E+06	0.109	1656.230	2200	0	9283	0.0013	-0.0002	0.0009	8.39E+06	0.177	2589.330	4201	0	4794	0.0006	-0.0001	0.0004	8.67E+06	0.181	972.913	6199	0	11905	0.0013	-0.0002	0.0008	9.21E+06	0.215
1140.050	1201	0	3298	0.0007	0.0000	0.0006	5.96E+06	0.110	1657.220	2201	0	9363	0.0013	-0.0002	0.0009	8.41E+06	0.177	2590.330	4200	0	4842	0.0006	-0.0001	0.0005	8.62E+06	0.181	973.913	6199	0	11809	0.0013	-0.0002	0.0008	9.23E+06	0.215
1141.050	1200	0	3378	0.0007	0.0000	0.0006	5.99E+06	0.110	1658.220	2201	0	9412	0.0013	-0.0002	0.0009	8.42E+06	0.176	2591.330	4200	0	4842	0.0006	-0.0001	0.0005	8.52E+06	0.181	974.913	6199	0	11776	0.0013	-0.0002	0.0008	9.28E+06	0.216
1142.040	1200	0	3378	0.0007	0.0000	0.0006	5.97E+06	0.111	1659.220	2200	0	9428	0.0013	-0.0002	0.0009	8.33E+06	0.176	2592.330	4200	0	4907	0.0006	-0.0001	0.0005	8.52E+06	0.181	975.912	6199	0	11825	0.0013	-0.0002	0.0008	9.24E+06	0.215
1143.040	1201	0	3395	0.0007	0.0000	0.0006	5.97E+06	0.111	1660.220	2201	0	9428	0.0013	-0.0002	0.0009	8.36E+06	0.177	2593.330	4199	0	4987	0.0006	-0.0001	0.0005	8.44E+06	0.181	976.912	6201	0	11953	0.0013	-0.0002	0.0008	9.21E+06	0.215
1144.040	1200	0	3443	0.0007	0.0000	0.0006	6.00E+06	0.111	1661.220	2201	0	9492	0.0013	-0.0002	0.0009	8.36E+06	0.176	2594.330	4200	0	4971	0.0006	-0.0001	0.0005	8.38E+06	0.181	977.912	6199	0	12066	0.0013	-0.0002	0.0008	9.18E+06	0.215
1145.040	1199	0	3459	0.0007	0.0000	0.0006	5.97E+06	0.110	1662.220	2201	0	9540	0.0013	-0.0002	0.0009	8.36E+06	0.179	2595.330	4199	0	5036	0.0006	-0.0001	0.0005	8.44E+06	0.184	978.911	6199	0	12163	0.0013	-0.0002	0.0008	9.25E+06	0.216
1146.040	1201	0	3475	0.0007	0.0000	0.0006	6.01E+06	0.111	1663.220	2201	0	9572	0.0013	-0.0002	0.0009	8.35E+06	0.178	2596.330	4200	0	5068	0.0006	-0.0001	0.0005	8.42E+06	0.183	979.911	6200	0	12082	0.0013				

1190.030	1200	0	4842	0.0009	-0.0001	0.0008	6.51E+06	0.140	1707.210	2199	0	11423	0.0015	-0.0002	0.0011	8.74E+06	0.194	2640.320	4201	0	6821	0.0008	-0.0001	0.0006	7.96E+06	0.176	1023.900	6198	0	14206	0.0015	-0.0003	0.0009	9.89E+06	0.233
1191.030	1201	0	4891	0.0009	-0.0001	0.0008	6.53E+06	0.140	1708.210	2201	0	11471	0.0015	-0.0002	0.0011	8.80E+06	0.196	2641.320	4201	0	6853	0.0008	-0.0001	0.0006	7.96E+06	0.175	1024.900	6201	0	14254	0.0015	-0.0003	0.0009	9.82E+06	0.234
1192.030	1199	0	4907	0.0009	-0.0001	0.0008	6.55E+06	0.141	1709.210	2202	0	11519	0.0015	-0.0002	0.0011	8.78E+06	0.194	2642.320	4199	0	6918	0.0008	-0.0001	0.0006	7.88E+06	0.174	1025.900	6199	0	14351	0.0015	-0.0003	0.0010	9.74E+06	0.235
1193.030	1201	0	4955	0.0009	-0.0001	0.0008	6.52E+06	0.141	1710.210	2200	0	11535	0.0015	-0.0002	0.0011	8.77E+06	0.195	2643.320	4199	0	6934	0.0008	-0.0001	0.0006	7.78E+06	0.173	1026.900	6200	0	14495	0.0015	-0.0003	0.0010	9.58E+06	0.236
1194.030	1201	0	4987	0.0009	-0.0001	0.0008	6.53E+06	0.141	1711.210	2199	0	11567	0.0015	-0.0002	0.0011	8.78E+06	0.195	2644.320	4200	0	6966	0.0008	-0.0001	0.0006	7.83E+06	0.173	1027.900	6200	0	14463	0.0016	-0.0003	0.0010	9.44E+06	0.236
1195.030	1199	0	5036	0.0009	-0.0001	0.0008	6.57E+06	0.140	1712.210	2200	0	11664	0.0015	-0.0002	0.0011	8.81E+06	0.194	2645.320	4199	0	7030	0.0009	-0.0001	0.0006	7.83E+06	0.174	1028.900	6199	0	14495	0.0016	-0.0003	0.0010	9.47E+06	0.237
1196.030	1201	0	5036	0.0009	-0.0001	0.0008	6.58E+06	0.139	1713.210	2200	0	11889	0.0016	-0.0002	0.0011	8.85E+06	0.196	2646.320	4202	0	7047	0.0009	-0.0001	0.0006	7.91E+06	0.176	1029.900	6199	0	14511	0.0016	-0.0003	0.0010	9.42E+06	0.237
1197.030	1200	0	5068	0.0010	-0.0001	0.0008	6.60E+06	0.138	1714.210	2201	0	12034	0.0016	-0.0002	0.0011	8.87E+06	0.194	2647.320	4200	0	7095	0.0009	-0.0001	0.0006	7.87E+06	0.174	1030.890	6199	0	14560	0.0016	-0.0003	0.0010	9.47E+06	0.236
1198.030	1199	0	5100	0.0009	-0.0001	0.0008	6.63E+06	0.139	1715.210	2200	0	12211	0.0016	-0.0002	0.0011	8.92E+06	0.195	2648.320	4200	0	7143	0.0009	-0.0001	0.0006	7.85E+06	0.174	1031.890	6199	0	14688	0.0016	-0.0003	0.0010	9.52E+06	0.236
1199.030	1199	0	5148	0.0010	-0.0001	0.0008	6.59E+06	0.139	1716.210	2198	0	12275	0.0016	-0.0002	0.0011	8.90E+06	0.195	2649.320	4199	0	7159	0.0009	-0.0001	0.0006	7.94E+06	0.175	1032.890	6200	0	14753	0.0016	-0.0003	0.0010	9.30E+06	0.236
1200.030	1202	0	5164	0.0010	-0.0001	0.0008	6.62E+06	0.138	1717.210	2201	0	12372	0.0016	-0.0002	0.0011	8.94E+06	0.196	2650.310	4200	0	7207	0.0009	-0.0001	0.0006	7.95E+06	0.177	1033.890	6201	0	14721	0.0016	-0.0003	0.0010	9.21E+06	0.237
1201.030	1199	0	5196	0.0010	-0.0001	0.0008	6.64E+06	0.137	1718.210	2200	0	12372	0.0016	-0.0002	0.0011	8.94E+06	0.194	2651.310	4199	0	7240	0.0009	-0.0001	0.0006	8.00E+06	0.179	1034.890	6199	0	14769	0.0016	-0.0003	0.0010	9.08E+06	0.236
1202.030	1200	0	5229	0.0010	-0.0001	0.0008	6.68E+06	0.136	1719.210	2200	0	12404	0.0016	-0.0002	0.0011	8.95E+06	0.195	2652.310	4202	0	7272	0.0009	-0.0001	0.0006	8.08E+06	0.180	1035.890	6200	0	14801	0.0016	-0.0003	0.0010	8.95E+06	0.235
1203.030	1199	0	5277	0.0010	-0.0001	0.0008	6.69E+06	0.136	1720.200	2201	0	12372	0.0016	-0.0002	0.0012	8.97E+06	0.194	2653.310	4201	0	7320	0.0009	-0.0001	0.0006	8.08E+06	0.181	1036.890	6200	0	14865	0.0016	-0.0003	0.0010	9.00E+06	0.236
1204.030	1201	0	5277	0.0010	-0.0001	0.0008	6.69E+06	0.136	1721.200	2201	0	12372	0.0016	-0.0002	0.0011	8.94E+06	0.194	2654.310	4200	0	7352	0.0009	-0.0001	0.0006	8.08E+06	0.180	1037.890	6199	0	14946	0.0016	-0.0003	0.0010	9.11E+06	0.237
1205.020	1200	0	5293	0.0010	-0.0001	0.0008	6.67E+06	0.138	1722.200	2201	0	12323	0.0016	-0.0002	0.0011	8.93E+06	0.194	2655.310	4200	0	7384	0.0009	-0.0001	0.0006	8.14E+06	0.181	1038.890	6202	0	14994	0.0016	-0.0003	0.0010	9.10E+06	0.237
1206.020	1201	0	5357	0.0010	-0.0001	0.0008	6.73E+06	0.138	1723.200	2201	0	12323	0.0016	-0.0002	0.0012	8.96E+06	0.194	2656.310	4200	0	7449	0.0009	-0.0001	0.0006	8.17E+06	0.181	1039.890	6199	0	14946	0.0016	-0.0003	0.0010	9.16E+06	0.235
1207.020	1200	0	5406	0.0010	-0.0001	0.0008	6.78E+06	0.138	1724.200	2200	0	12340	0.0016	-0.0002	0.0011	8.97E+06	0.194	2657.310	4201	0	7449	0.0009	-0.0001	0.0007	8.15E+06	0.181	1040.890	6198	0	14914	0.0016	-0.0003	0.0010	9.21E+06	0.234
1208.020	1201	0	5438	0.0010	-0.0001	0.0008	6.80E+06	0.139	1725.200	2200	0	12340	0.0016	-0.0002	0.0011	8.98E+06	0.194	2658.310	4199	0	7513	0.0009	-0.0001	0.0007	8.21E+06	0.181	1041.890	6199	0	15010	0.0016	-0.0003	0.0010	9.23E+06	0.235
1209.020	1202	0	5470	0.0010	-0.0001	0.0008	6.80E+06	0.138	1726.200	2199	0	12388	0.0016	-0.0002	0.0011	8.97E+06	0.194	2659.310	4199	0	7561	0.0009	-0.0001	0.0007	8.20E+06	0.181	1042.890	6199	0	15058	0.0016	-0.0003	0.0010	9.27E+06	0.236
1210.020	1201	0	5518	0.0010	-0.0001	0.0008	6.82E+06	0.136	1727.200	2201	0	12420	0.0016	-0.0002	0.0011	9.04E+06	0.195	2660.310	4198	0	7594	0.0009	-0.0001	0.0007	8.18E+06	0.181	1043.890	6199	0	15155	0.0016	-0.0003	0.0010	9.32E+06	0.236
1211.020	1200	0	5550	0.0010	-0.0001	0.0008	6.79E+06	0.138	1728.200	2200	0	12565	0.0016	-0.0002	0.0012	9.07E+06	0.196	2661.310	4202	0	7642	0.0009	-0.0001	0.0007	8.23E+06	0.182	1044.890	6199	0	15171	0.0016	-0.0003	0.0010	9.33E+06	0.235
1212.020	1201	0	5566	0.0010	-0.0001	0.0009	6.79E+06	0.136	1729.200	2201	0	12629	0.0016	-0.0002	0.0012	9.08E+06	0.198	2662.310	4198	0	7658	0.0009	-0.0001	0.0007	8.22E+06	0.181	1045.890	6200	0	15219	0.0016	-0.0003	0.0010	9.40E+06	0.234
1213.020	1201	0	5599	0.0010	-0.0001	0.0009	6.80E+06	0.136	1730.200	2200	0	12710	0.0016	-0.0002	0.0012	9.10E+06	0.197	2663.310	4200	0	7706	0.0010	-0.0001	0.0007	8.13E+06	0.181	1046.890	6199	0	15219	0.0016	-0.0003	0.0010	9.42E+06	0.235
1214.020	1200	0	5647	0.0010	-0.0001	0.0009	6.79E+06	0.136	1731.200	2200	0	12806	0.0016	-0.0002	0.0012	9.10E+06	0.198	2664.310	4200	0	7754	0.0010	-0.0001	0.0007	8.15E+06	0.182	1047.890	6199	0	15203	0.0016	-0.0003	0.0010	9.43E+06	0.234
1215.020	1201	0	5695	0.0010	-0.0001	0.0009	6.82E+06	0.136	1732.200	2201	0	12854	0.0017	-0.0002	0.0012	9.10E+06	0.198	2665.310	4201	0	7835	0.0009	-0.0001	0.0007	8.14E+06	0.182	1048.890	6200	0	15187	0.0016	-0.0003	0.0010	9.47E+06	0.234
1216.020	1200	0	5695	0.0010	-0.0001	0.0009	6.86E+06	0.136	1733.200	2201	0	12919	0.0017	-0.0002	0.0012	9.15E+06	0.200	2666.310	4200	0	7867	0.0010	-0.0001	0.0007	8.11E+06	0.183	1049.890	6199	0	15171	0.0016	-0.0003	0.0010	9.58E+06	0.235
1217.020	1200	0	5760	0.0010	-0.0001	0.0009	6.80E+06	0.136	1734.200	2199	0	12951	0.0017	-0.0002	0.0012	9.12E+06	0.199	2667.310	4201	0	7867	0.0010	-0.0001	0.0007	8.07E+06	0.182	1050.890	6200	0	15010	0.0016	-0.0003	0.0010	9.57E+06	0.235
1218.020	1201	0	5808	0.0011	-0.0001	0.0009	6.78E+06	0.134	1735.200	2201	0	13031	0.0017	-0.0003	0.0012	9.21E+06	0.199	2668.310	4199	0	7883	0.0010	-0.0001	0.0007	8.08E+06	0.183	1051.890	6199	0	14882	0.0016	-0.0003	0.0010	9.63E+06	0.235
1219.020	1201	0	5776	0.0011	-0.0001	0.0009	6.77E+06	0.133	1736.200	2199	0	13080	0.0017	-0.0002	0.0012	9.21E+06	0.198	2669.310	4201	0	7980	0.0010	-0.0001	0.0007	8.10E+06	0.185	1052.890	6198	0	14833	0.0016	-0.0003	0.0010	9.73E+06	0.234
1220.020	1199	0	5840	0.0011	-0.0001	0.0009	6.76E+06	0.134	1737.200	2201	0	13160	0.0017	-0.0003	0.0012	9.21E+06	0.201	2670.310	4199	0	8028	0.0010	-0.0001	0.0007	8.11E+06	0.186	1053.890	6199	0	15252	0.0016	-0.0003	0.0010	9.75E+06	0.234
1221.020	1200	0	5872	0.0011	-0.0001	0.0009	6.77E+06	0.133	1738.200	2201	0	13192	0.0017	-0.0003	0.0012	9.24E+06	0.200	2671.310	4200	0	8028	0.0010	-0.0001	0.0007	8.13E+06	0.188	1054.890	6199	0	15734	0.0017	-0.0003	0.0010	9.73E+06	0.234
1222.020	1200	0	5888	0.0011	-0.0001	0.0009	6.80E+06	0.135	1739.200	2198	0	13240	0.0017	-0.0003	0.0012	9.28E+06	0.201	2672.310	4201	0	8076	0.0010	-0.0001	0.0007	8										

1266.010	1201	0	7368	0.0013	-0.0001	0.0010	7.18E+06	0.150	1783.180	2201	0	15123	0.0019	-0.0003	0.0013	9.54E+06	0.221	2716.290	4199	0	9894	0.0012	-0.0002	0.0008	8.46E+06	0.214	1099.870	6199	0	18019	0.0019	-0.0004	0.0012	1.03E+07	0.261
1267.000	1202	0	7433	0.0013	-0.0001	0.0011	7.22E+06	0.150	1784.180	2200	0	15171	0.0019	-0.0003	0.0013	9.56E+06	0.221	2717.290	4201	0	9975	0.0012	-0.0002	0.0008	8.42E+06	0.214	1100.870	6200	0	18083	0.0019	-0.0004	0.0011	1.05E+07	0.262
1268.000	1199	0	7465	0.0013	-0.0001	0.0011	7.23E+06	0.151	1785.180	2201	0	15235	0.0019	-0.0003	0.0013	9.54E+06	0.220	2718.290	4201	0	10039	0.0012	-0.0002	0.0008	8.41E+06	0.213	1101.870	6200	0	18131	0.0019	-0.0004	0.0011	1.04E+07	0.262
1269.000	1201	0	7529	0.0013	-0.0001	0.0011	7.23E+06	0.150	1786.180	2201	0	15251	0.0019	-0.0003	0.0013	9.66E+06	0.222	2719.290	4199	0	10055	0.0012	-0.0002	0.0008	8.35E+06	0.212	1102.870	6199	0	18147	0.0019	-0.0004	0.0012	1.04E+07	0.262
1270.000	1200	0	7545	0.0013	-0.0001	0.0011	7.22E+06	0.149	1787.180	2201	0	15332	0.0019	-0.0003	0.0013	9.66E+06	0.222	2720.290	4200	0	10071	0.0012	-0.0002	0.0008	8.35E+06	0.212	1103.870	6200	0	18212	0.0019	-0.0004	0.0011	1.04E+07	0.260
1271.000	1200	0	7577	0.0013	-0.0001	0.0011	7.22E+06	0.150	1788.180	2201	0	15316	0.0019	-0.0003	0.0013	9.66E+06	0.222	2721.290	4199	0	10103	0.0012	-0.0002	0.0008	8.35E+06	0.211	1104.870	6199	0	18292	0.0019	-0.0004	0.0012	1.05E+07	0.262
1272.000	1202	0	7626	0.0013	-0.0001	0.0011	7.17E+06	0.148	1789.180	2201	0	15396	0.0019	-0.0003	0.0013	9.68E+06	0.222	2722.290	4200	0	10152	0.0012	-0.0002	0.0009	8.29E+06	0.212	1105.870	6199	0	18340	0.0019	-0.0004	0.0012	1.04E+07	0.263
1273.000	1201	0	7642	0.0013	-0.0001	0.0011	7.16E+06	0.148	1790.180	2200	0	15445	0.0019	-0.0003	0.0013	9.67E+06	0.222	2723.290	4202	0	10216	0.0012	-0.0002	0.0009	8.23E+06	0.213	1106.870	6199	0	18389	0.0020	-0.0004	0.0012	1.05E+07	0.264
1274.000	1200	0	7706	0.0013	-0.0001	0.0011	7.15E+06	0.147	1791.180	2199	0	15509	0.0019	-0.0003	0.0013	9.64E+06	0.223	2724.290	4199	0	10248	0.0013	-0.0002	0.0009	8.27E+06	0.212	1107.870	6199	0	18421	0.0020	-0.0004	0.0012	1.04E+07	0.264
1275.000	1201	0	7738	0.0013	-0.0001	0.0011	7.21E+06	0.149	1792.180	2201	0	15525	0.0020	-0.0003	0.0013	9.68E+06	0.223	2725.290	4200	0	10264	0.0012	-0.0002	0.0009	8.26E+06	0.213	1108.870	6199	0	18453	0.0020	-0.0004	0.0012	1.04E+07	0.265
1276.000	1201	0	7771	0.0013	-0.0001	0.0011	7.20E+06	0.149	1793.180	2201	0	15573	0.0020	-0.0003	0.0013	9.70E+06	0.225	2726.290	4200	0	10345	0.0013	-0.0002	0.0009	8.23E+06	0.214	1109.870	6201	0	18550	0.0020	-0.0004	0.0012	1.04E+07	0.264
1277.000	1201	0	7803	0.0013	-0.0001	0.0011	7.23E+06	0.149	1794.180	2200	0	15638	0.0020	-0.0003	0.0013	9.67E+06	0.225	2727.290	4200	0	10377	0.0013	-0.0002	0.0009	8.29E+06	0.214	1110.870	6201	0	18598	0.0020	-0.0004	0.0012	1.04E+07	0.264
1278.000	1202	0	7835	0.0013	-0.0001	0.0011	7.26E+06	0.149	1795.180	2201	0	15670	0.0020	-0.0003	0.0013	9.69E+06	0.227	2728.290	4198	0	10457	0.0013	-0.0002	0.0009	8.27E+06	0.214	1111.870	6199	0	18630	0.0020	-0.0004	0.0012	1.04E+07	0.266
1279.000	1200	0	7883	0.0014	-0.0001	0.0011	7.25E+06	0.148	1796.180	2201	0	15718	0.0020	-0.0003	0.0013	9.75E+06	0.227	2729.290	4198	0	10441	0.0013	-0.0002	0.0009	8.20E+06	0.214	1112.870	6199	0	18694	0.0020	-0.0004	0.0012	1.05E+07	0.266
1280.000	1201	0	7899	0.0014	-0.0001	0.0011	7.25E+06	0.147	1797.180	2200	0	15750	0.0020	-0.0003	0.0013	9.73E+06	0.228	2730.290	4200	0	10506	0.0013	-0.0002	0.0009	8.22E+06	0.212	1113.870	6200	0	18743	0.0020	-0.0004	0.0012	1.05E+07	0.267
1281.000	1200	0	7948	0.0014	-0.0001	0.0011	7.29E+06	0.146	1798.180	2201	0	15799	0.0020	-0.0003	0.0014	9.77E+06	0.227	2731.290	4201	0	10538	0.0013	-0.0002	0.0009	8.19E+06	0.212	1114.870	6200	0	18807	0.0020	-0.0004	0.0012	1.05E+07	0.266
1282.000	1200	0	7964	0.0014	-0.0001	0.0011	7.29E+06	0.145	1799.180	2201	0	15847	0.0020	-0.0003	0.0014	9.77E+06	0.228	2732.290	4199	0	10618	0.0013	-0.0002	0.0009	8.15E+06	0.211	1115.870	6201	0	18871	0.0020	-0.0004	0.0012	1.06E+07	0.269
1283.000	1200	0	8060	0.0014	-0.0001	0.0011	7.27E+06	0.145	1800.180	2200	0	15879	0.0020	-0.0003	0.0014	9.76E+06	0.228	2733.290	4200	0	10618	0.0013	-0.0002	0.0009	8.22E+06	0.212	1116.870	6200	0	18920	0.0020	-0.0004	0.0012	1.06E+07	0.270
1284.000	1200	0	8044	0.0014	-0.0001	0.0011	7.27E+06	0.144	1801.180	2200	0	15927	0.0020	-0.0003	0.0013	9.81E+06	0.228	2734.290	4199	0	10699	0.0013	-0.0002	0.0009	8.19E+06	0.212	1117.870	6201	0	18968	0.0020	-0.0004	0.0012	1.06E+07	0.270
1285.000	1201	0	8124	0.0014	-0.0001	0.0011	7.27E+06	0.145	1802.180	2201	0	15975	0.0020	-0.0003	0.0014	9.82E+06	0.228	2735.290	4202	0	10715	0.0013	-0.0002	0.0009	8.21E+06	0.213	1118.870	6198	0	19016	0.0020	-0.0004	0.0012	1.07E+07	0.272
1286.000	1201	0	8108	0.0014	-0.0001	0.0011	7.26E+06	0.145	1803.180	2201	0	16008	0.0020	-0.0003	0.0014	9.77E+06	0.229	2736.290	4200	0	10779	0.0013	-0.0002	0.0009	8.32E+06	0.214	1119.870	6199	0	19032	0.0020	-0.0004	0.0012	1.07E+07	0.272
1287.000	1201	0	8173	0.0014	-0.0001	0.0011	7.28E+06	0.146	1804.180	2201	0	16056	0.0020	-0.0003	0.0014	9.78E+06	0.232	2737.290	4201	0	10795	0.0013	-0.0002	0.0009	8.29E+06	0.216	1120.870	6199	0	19097	0.0020	-0.0004	0.0012	1.08E+07	0.276
1288.000	1200	0	8205	0.0014	-0.0001	0.0011	7.24E+06	0.145	1805.180	2200	0	16120	0.0020	-0.0003	0.0014	9.75E+06	0.230	2738.290	4200	0	10859	0.0013	-0.0002	0.0009	8.24E+06	0.217	1121.870	6200	0	19145	0.0020	-0.0004	0.0012	1.08E+07	0.276
1289.000	1199	0	8237	0.0014	-0.0001	0.0011	7.24E+06	0.145	1806.180	2198	0	16169	0.0020	-0.0003	0.0014	9.64E+06	0.229	2739.290	4200	0	10892	0.0013	-0.0002	0.0009	8.28E+06	0.219	1122.870	6201	0	19225	0.0020	-0.0004	0.0012	1.07E+07	0.275
1290.000	1199	0	8269	0.0014	-0.0001	0.0011	7.24E+06	0.145	1807.180	2201	0	16185	0.0020	-0.0003	0.0014	9.64E+06	0.229	2740.290	4200	0	10924	0.0013	-0.0002	0.0009	8.30E+06	0.219	1123.860	6199	0	19290	0.0020	-0.0004	0.0012	1.07E+07	0.274
1291.000	1200	0	8334	0.0014	-0.0001	0.0011	7.22E+06	0.145	1808.180	2201	0	16265	0.0020	-0.0003	0.0014	9.68E+06	0.230	2741.290	4202	0	10972	0.0013	-0.0002	0.0009	8.28E+06	0.220	1124.860	6200	0	19354	0.0020	-0.0004	0.0012	1.07E+07	0.273
1292.000	1201	0	8366	0.0014	-0.0001	0.0011	7.24E+06	0.145	1809.180	2201	0	16313	0.0020	-0.0003	0.0014	9.62E+06	0.231	2742.290	4202	0	11020	0.0013	-0.0002	0.0009	8.38E+06	0.221	1125.860	6200	0	19434	0.0020	-0.0004	0.0012	1.06E+07	0.274
1293.000	1200	0	8382	0.0014	-0.0001	0.0011	7.24E+06	0.146	1810.180	2200	0	16346	0.0020	-0.0003	0.0014	9.66E+06	0.232	2743.290	4201	0	11053	0.0013	-0.0002	0.0009	8.42E+06	0.223	1126.860	6200	0	19467	0.0021	-0.0004	0.0012	1.06E+07	0.275
1294.000	1200	0	8446	0.0014	-0.0001	0.0011	7.23E+06	0.146	1811.180	2201	0	16362	0.0020	-0.0003	0.0014	9.71E+06	0.231	2744.280	4200	0	11085	0.0013	-0.0002	0.0009	8.42E+06	0.222	1127.860	6199	0	19531	0.0021	-0.0004	0.0012	1.06E+07	0.277
1295.000	1201	0	8495	0.0014	-0.0001	0.0012	7.22E+06	0.145	1812.180	2201	0	16394	0.0020	-0.0003	0.0014	9.64E+06	0.232	2745.280	4201	0	11149	0.0013	-0.0002	0.0009	8.45E+06	0.221	1128.860	6200	0	19547	0.0021	-0.0004	0.0012	1.06E+07	0.277
1296.000	1199	0	8511	0.0014	-0.0001	0.0012	7.24E+06	0.145	1813.170	2200	0	16474	0.0020	-0.0003	0.0014	9.67E+06	0.232	2746.280	4200	0	11197	0.0013	-0.0002	0.0009	8.47E+06	0.220	1129.860	6199	0	19627	0.0021	-0.0004	0.0012	1.06E+07	0.278
1297.000	1201	0	8543	0.0015	-0.0001	0.0012	7.23E+06	0.145	1814.170	2199	0	16506	0.0020	-0.0003	0.0014	9.65E+06	0.233	2747.280	4201	0	11213	0.0014	-0.0002	0.0009	8.53E+06	0.220	1130.860	6199	0	19644	0.0021	-0.0004	0.0012	1.06E+07	0.278
1297.990	1201	0	8575	0.0015	-0.0001	0.0012	7.26E+06	0.146	1815.170	2201	0	16555	0.0021	-0.0003	0.0014	9.55E+06	0.233	2748.280	4199	0	11246	0.0													

1341.980	1198	0	10184	0.0016	-0.0002	0.0013	7.57E+06	0.144	1859.160	2201	0	18550	0.0023	-0.0004	0.0015	9.92E+06	0.244	2792.270	4200	0	13530	0.0016	-0.0003	0.0011	8.69E+06	0.240	1175.850	6200	0	21960	0.0023	-0.0005	0.0013	1.08E+07	0.277
1342.980	1201	0	10248	0.0017	-0.0002	0.0013	7.58E+06	0.145	1860.160	2201	0	18630	0.0023	-0.0004	0.0015	9.83E+06	0.245	2793.270	4201	0	13530	0.0016	-0.0003	0.0011	8.79E+06	0.243	1176.850	6199	0	21960	0.0023	-0.0005	0.0013	1.07E+07	0.277
1343.980	1201	0	10264	0.0017	-0.0002	0.0013	7.56E+06	0.146	1861.160	2201	0	18662	0.0023	-0.0004	0.0015	9.88E+06	0.247	2794.270	4199	0	13578	0.0016	-0.0003	0.0011	8.79E+06	0.247	1177.850	6200	0	22025	0.0023	-0.0005	0.0013	1.07E+07	0.278
1344.980	1200	0	10345	0.0017	-0.0002	0.0013	7.58E+06	0.147	1862.160	2201	0	18727	0.0023	-0.0004	0.0015	9.94E+06	0.247	2795.270	4199	0	13627	0.0016	-0.0003	0.0011	8.80E+06	0.247	1178.850	6199	0	22073	0.0023	-0.0005	0.0013	1.07E+07	0.280
1345.980	1201	0	10377	0.0017	-0.0002	0.0013	7.57E+06	0.146	1863.160	2200	0	18759	0.0023	-0.0004	0.0015	9.86E+06	0.248	2796.270	4200	0	13691	0.0016	-0.0003	0.0011	8.81E+06	0.248	1179.850	6201	0	22137	0.0023	-0.0005	0.0013	1.07E+07	0.280
1346.980	1199	0	10393	0.0017	-0.0002	0.0013	7.54E+06	0.146	1864.160	2201	0	18775	0.0023	-0.0004	0.0015	9.88E+06	0.248	2797.270	4201	0	13755	0.0016	-0.0003	0.0011	8.84E+06	0.250	1180.850	6199	0	22185	0.0023	-0.0005	0.0013	1.06E+07	0.279
1347.980	1200	0	10425	0.0017	-0.0002	0.0013	7.51E+06	0.147	1865.160	2201	0	18871	0.0023	-0.0004	0.0015	9.89E+06	0.247	2798.270	4200	0	13755	0.0017	-0.0003	0.0011	8.90E+06	0.251	1181.850	6201	0	22234	0.0023	-0.0005	0.0013	1.06E+07	0.280
1348.980	1200	0	10522	0.0017	-0.0002	0.0013	7.49E+06	0.147	1866.160	2201	0	18904	0.0023	-0.0004	0.0015	9.84E+06	0.247	2799.270	4199	0	13820	0.0016	-0.0003	0.0011	8.99E+06	0.254	1182.850	6200	0	22282	0.0023	-0.0005	0.0013	1.06E+07	0.282
1349.980	1203	0	10522	0.0017	-0.0002	0.0014	7.49E+06	0.146	1867.160	2201	0	18952	0.0023	-0.0004	0.0015	9.86E+06	0.247	2800.270	4199	0	13852	0.0016	-0.0003	0.0011	8.97E+06	0.257	1183.850	6199	0	22330	0.0023	-0.0005	0.0013	1.06E+07	0.281
1350.980	1199	0	10554	0.0017	-0.0002	0.0013	7.55E+06	0.146	1868.160	2201	0	19000	0.0023	-0.0004	0.0015	9.88E+06	0.248	2801.270	4203	0	13868	0.0017	-0.0003	0.0011	8.93E+06	0.257	1184.850	6200	0	22411	0.0023	-0.0005	0.0013	1.06E+07	0.282
1351.980	1200	0	10586	0.0017	-0.0002	0.0013	7.50E+06	0.146	1869.160	2201	0	19064	0.0023	-0.0004	0.0015	9.85E+06	0.248	2802.270	4201	0	13900	0.0017	-0.0003	0.0011	9.00E+06	0.258	1185.850	6200	0	22443	0.0023	-0.0005	0.0013	1.07E+07	0.283
1352.980	1199	0	10666	0.0017	-0.0002	0.0014	7.49E+06	0.146	1870.160	2198	0	19064	0.0023	-0.0004	0.0015	9.85E+06	0.249	2803.270	4199	0	13981	0.0017	-0.0003	0.0011	8.99E+06	0.260	1186.840	6200	0	22523	0.0023	-0.0005	0.0013	1.06E+07	0.282
1353.980	1198	0	10650	0.0017	-0.0002	0.0014	7.48E+06	0.147	1871.160	2200	0	19129	0.0023	-0.0004	0.0015	9.89E+06	0.250	2804.270	4200	0	14013	0.0017	-0.0003	0.0011	8.96E+06	0.260	1187.840	6200	0	22556	0.0023	-0.0005	0.0013	1.07E+07	0.284
1354.980	1200	0	10731	0.0017	-0.0002	0.0013	7.51E+06	0.147	1872.160	2199	0	19161	0.0023	-0.0004	0.0015	9.89E+06	0.250	2805.270	4199	0	14077	0.0017	-0.0003	0.0011	9.03E+06	0.261	1188.840	6199	0	22588	0.0023	-0.0005	0.0013	1.07E+07	0.283
1355.980	1198	0	10763	0.0017	-0.0002	0.0014	7.58E+06	0.149	1873.160	2200	0	19209	0.0023	-0.0004	0.0015	9.91E+06	0.251	2806.270	4200	0	14093	0.0017	-0.0003	0.0011	9.04E+06	0.261	1189.840	6199	0	22652	0.0023	-0.0005	0.0013	1.07E+07	0.284
1356.980	1199	0	10763	0.0017	-0.0002	0.0014	7.65E+06	0.150	1874.160	2200	0	19290	0.0023	-0.0004	0.0015	9.94E+06	0.252	2807.260	4200	0	14141	0.0017	-0.0003	0.0011	9.08E+06	0.263	1190.840	6199	0	22716	0.0024	-0.0005	0.0013	1.07E+07	0.283
1357.980	1200	0	10811	0.0017	-0.0002	0.0014	7.72E+06	0.153	1875.160	2200	0	19338	0.0023	-0.0004	0.0015	9.88E+06	0.253	2808.260	4200	0	14190	0.0017	-0.0003	0.0011	9.15E+06	0.265	1191.840	6199	0	22733	0.0024	-0.0005	0.0013	1.06E+07	0.284
1358.980	1200	0	10859	0.0017	-0.0002	0.0014	7.75E+06	0.153	1876.150	2200	0	19418	0.0024	-0.0004	0.0015	9.89E+06	0.251	2809.260	4200	0	14238	0.0017	-0.0003	0.0011	9.10E+06	0.263	1192.840	6199	0	22813	0.0024	-0.0005	0.0013	1.06E+07	0.284
1359.970	1200	0	10876	0.0017	-0.0002	0.0014	7.80E+06	0.154	1877.150	2199	0	19467	0.0023	-0.0004	0.0015	9.92E+06	0.252	2810.260	4202	0	14286	0.0017	-0.0003	0.0011	9.05E+06	0.262	1193.840	6199	0	22861	0.0024	-0.0005	0.0013	1.06E+07	0.283
1360.970	1201	0	10924	0.0017	-0.0002	0.0014	7.79E+06	0.154	1878.150	2201	0	19483	0.0023	-0.0004	0.0015	9.91E+06	0.252	2811.260	4200	0	14302	0.0017	-0.0003	0.0011	9.09E+06	0.265	1194.840	6200	0	22909	0.0024	-0.0005	0.0013	1.06E+07	0.284
1361.970	1201	0	10956	0.0018	-0.0002	0.0014	7.79E+06	0.157	1879.150	2200	0	19547	0.0024	-0.0004	0.0016	9.91E+06	0.251	2812.260	4200	0	14367	0.0017	-0.0003	0.0011	9.06E+06	0.265	1195.840	6199	0	22942	0.0024	-0.0005	0.0013	1.06E+07	0.285
1362.970	1199	0	11004	0.0018	-0.0002	0.0014	7.77E+06	0.157	1880.150	2200	0	19579	0.0024	-0.0004	0.0015	9.96E+06	0.252	2813.260	4200	0	14399	0.0017	-0.0003	0.0011	9.07E+06	0.266	1196.840	6199	0	22990	0.0024	-0.0005	0.0013	1.06E+07	0.285
1363.970	1200	0	11036	0.0018	-0.0002	0.0014	7.70E+06	0.158	1881.150	2201	0	19644	0.0024	-0.0004	0.0016	9.94E+06	0.253	2814.260	4200	0	14447	0.0017	-0.0003	0.0011	9.14E+06	0.267	1197.840	6200	0	23038	0.0024	-0.0005	0.0013	1.06E+07	0.284
1364.970	1200	0	11069	0.0018	-0.0002	0.0014	7.63E+06	0.160	1882.150	2199	0	19724	0.0024	-0.0004	0.0016	9.87E+06	0.252	2815.260	4200	0	14463	0.0017	-0.0003	0.0011	9.15E+06	0.268	1198.840	6199	0	23070	0.0024	-0.0005	0.0014	1.06E+07	0.283
1365.970	1199	0	11133	0.0018	-0.0002	0.0014	7.57E+06	0.159	1883.150	2200	0	19740	0.0024	-0.0004	0.0016	9.91E+06	0.253	2816.260	4200	0	14511	0.0017	-0.0003	0.0011	9.14E+06	0.267	1199.840	6199	0	23135	0.0024	-0.0005	0.0014	1.06E+07	0.284
1366.970	1201	0	11133	0.0018	-0.0002	0.0014	7.58E+06	0.159	1884.150	2200	0	19772	0.0024	-0.0004	0.0016	9.89E+06	0.253	2817.260	4199	0	14576	0.0017	-0.0003	0.0011	9.17E+06	0.268	1200.840	6199	0	23199	0.0024	-0.0005	0.0014	1.07E+07	0.285
1367.970	1199	0	11197	0.0018	-0.0002	0.0014	7.59E+06	0.159	1885.150	2200	0	19821	0.0024	-0.0004	0.0016	9.90E+06	0.253	2818.260	4199	0	14592	0.0017	-0.0003	0.0011	9.17E+06	0.269	1201.840	6199	0	23231	0.0024	-0.0005	0.0014	1.07E+07	0.285
1368.970	1201	0	11246	0.0018	-0.0002	0.0014	7.64E+06	0.158	1886.150	2200	0	19869	0.0024	-0.0004	0.0016	9.88E+06	0.253	2819.260	4199	0	14640	0.0018	-0.0003	0.0011	9.15E+06	0.270	1202.840	6199	0	23280	0.0024	-0.0005	0.0014	1.07E+07	0.287
1369.970	1199	0	11246	0.0018	-0.0002	0.0014	7.65E+06	0.158	1887.150	2201	0	19933	0.0024	-0.0004	0.0016	9.85E+06	0.253	2820.260	4199	0	14688	0.0018	-0.0003	0.0011	9.23E+06	0.272	1203.840	6201	0	23328	0.0024	-0.0005	0.0014	1.07E+07	0.286
1370.970	1200	0	11294	0.0018	-0.0002	0.0014	7.65E+06	0.158	1888.150	2202	0	19965	0.0024	-0.0004	0.0016	9.81E+06	0.252	2821.260	4201	0	14704	0.0017	-0.0003	0.0011	9.24E+06	0.273	1204.840	6199	0	23392	0.0024	-0.0005	0.0014	1.07E+07	0.286
1371.970	1199	0	11342	0.0018	-0.0002	0.0014	7.70E+06	0.159	1889.150	2201	0	20030	0.0024	-0.0004	0.0016	9.83E+06	0.251	2822.260	4201	0	14785	0.0018	-0.0003	0.0011	9.21E+06	0.274	1205.840	6200	0	23440	0.0024	-0.0005	0.0014	1.06E+07	0.285
1372.970	1202	0	11374	0.0018	-0.0002	0.0014	7.70E+06	0.160	1890.150	2200	0	20094	0.0024	-0.0004	0.0016	9.75E+06	0.250	2823.260	4200	0	14833	0.0017	-0.0003	0.0011	9.28E+06	0.276	1206.840	6199	0	23489	0.0024	-0.0005	0.0014	1.06E+07	0.286
1373.970	1202	0	11406	0.0018	-0.0002	0.0014	7.73E+06	0.161	1891.150	2200	0	20110	0.0024	-0.0004	0.0016	9.73E+06	0.247	2824.2																	

1417.960	1200	0	13401	0.0021	-0.0002	0.0016	7.75E+06	0.160	1935.140	2201	0	22185	0.0026	-0.0005	0.0017	8.98E+06	0.250	2868.250	4199	0	16635	0.0020	-0.0004	0.0012	9.37E+06	0.278	1251.820	6200	0	26352	0.0027	-0.0006	0.0015	1.09E+07	0.285
1418.960	1200	0	13466	0.0021	-0.0002	0.0016	7.71E+06	0.159	1936.140	2200	0	22475	0.0027	-0.0005	0.0017	9.00E+06	0.252	2869.240	4199	0	16699	0.0020	-0.0004	0.0012	9.33E+06	0.278	1252.820	6199	0	26433	0.0027	-0.0006	0.0015	1.09E+07	0.285
1419.960	1201	0	13514	0.0021	-0.0002	0.0016	7.74E+06	0.157	1937.140	2201	0	22700	0.0027	-0.0005	0.0017	9.03E+06	0.253	2870.240	4200	0	16716	0.0020	-0.0004	0.0012	9.33E+06	0.279	1253.820	6201	0	26449	0.0027	-0.0006	0.0015	1.09E+07	0.287
1420.960	1199	0	13546	0.0021	-0.0002	0.0016	7.73E+06	0.157	1938.130	2201	0	22861	0.0027	-0.0005	0.0017	9.06E+06	0.254	2871.240	4200	0	16764	0.0020	-0.0004	0.0012	9.35E+06	0.277	1254.820	6199	0	26465	0.0027	-0.0006	0.0015	1.09E+07	0.288
1421.960	1200	0	13578	0.0021	-0.0002	0.0016	7.71E+06	0.157	1939.130	2200	0	23006	0.0027	-0.0005	0.0017	9.07E+06	0.254	2872.240	4200	0	16780	0.0020	-0.0004	0.0012	9.39E+06	0.279	1255.820	6199	0	26529	0.0027	-0.0006	0.0015	1.09E+07	0.289
1422.950	1201	0	13611	0.0021	-0.0002	0.0016	7.74E+06	0.159	1940.130	2201	0	23006	0.0027	-0.0005	0.0017	9.14E+06	0.255	2873.240	4201	0	16860	0.0020	-0.0004	0.0012	9.38E+06	0.281	1256.820	6200	0	26561	0.0027	-0.0006	0.0015	1.09E+07	0.289
1423.950	1199	0	13659	0.0021	-0.0002	0.0016	7.75E+06	0.161	1941.130	2201	0	23070	0.0027	-0.0005	0.0017	9.21E+06	0.255	2874.240	4201	0	16893	0.0020	-0.0004	0.0012	9.44E+06	0.282	1257.820	6199	0	26578	0.0027	-0.0006	0.0015	1.09E+07	0.290
1424.950	1199	0	13675	0.0021	-0.0002	0.0016	7.75E+06	0.163	1942.130	2200	0	22990	0.0027	-0.0005	0.0017	9.24E+06	0.255	2875.240	4199	0	16925	0.0020	-0.0004	0.0012	9.40E+06	0.282	1258.820	6200	0	26658	0.0027	-0.0006	0.0015	1.09E+07	0.291
1425.950	1201	0	13723	0.0021	-0.0002	0.0016	7.76E+06	0.162	1943.130	2200	0	22877	0.0027	-0.0005	0.0017	9.33E+06	0.256	2876.240	4200	0	16989	0.0020	-0.0004	0.0012	9.35E+06	0.282	1259.820	6199	0	26658	0.0027	-0.0006	0.0015	1.08E+07	0.290
1426.950	1202	0	13755	0.0021	-0.0002	0.0016	7.67E+06	0.161	1944.130	2201	0	22797	0.0027	-0.0005	0.0017	9.35E+06	0.258	2877.240	4201	0	17005	0.0020	-0.0004	0.0012	9.38E+06	0.284	1260.820	6199	0	26690	0.0027	-0.0006	0.0015	1.08E+07	0.291
1427.950	1199	0	13787	0.0021	-0.0002	0.0016	7.64E+06	0.161	1945.130	2199	0	22749	0.0027	-0.0005	0.0017	9.38E+06	0.258	2878.240	4200	0	17086	0.0020	-0.0004	0.0012	9.44E+06	0.286	1261.820	6200	0	26738	0.0027	-0.0006	0.0015	1.08E+07	0.290
1428.950	1201	0	13804	0.0021	-0.0002	0.0016	7.66E+06	0.160	1946.130	2201	0	22700	0.0027	-0.0005	0.0017	9.46E+06	0.259	2879.240	4201	0	17102	0.0020	-0.0004	0.0012	9.36E+06	0.283	1262.820	6200	0	26755	0.0027	-0.0006	0.0015	1.09E+07	0.290
1429.950	1199	0	13836	0.0021	-0.0002	0.0016	7.66E+06	0.160	1947.130	2200	0	22716	0.0027	-0.0005	0.0017	9.47E+06	0.259	2880.240	4200	0	17182	0.0020	-0.0004	0.0012	9.41E+06	0.282	1263.820	6201	0	26803	0.0027	-0.0006	0.0015	1.08E+07	0.292
1430.950	1199	0	13884	0.0021	-0.0002	0.0016	7.65E+06	0.161	1948.130	2201	0	22749	0.0027	-0.0005	0.0017	9.44E+06	0.259	2881.240	4201	0	17198	0.0020	-0.0004	0.0012	9.43E+06	0.282	1264.820	6199	0	26851	0.0027	-0.0006	0.0015	1.09E+07	0.293
1431.950	1201	0	13948	0.0021	-0.0002	0.0016	7.66E+06	0.162	1949.130	2201	0	22733	0.0027	-0.0005	0.0017	9.50E+06	0.261	2882.240	4200	0	17246	0.0020	-0.0004	0.0012	9.39E+06	0.281	1265.820	6199	0	26883	0.0027	-0.0006	0.0015	1.09E+07	0.294
1432.950	1202	0	13948	0.0021	-0.0002	0.0016	7.64E+06	0.163	1950.130	2199	0	22958	0.0027	-0.0005	0.0017	9.51E+06	0.261	2883.240	4200	0	17295	0.0020	-0.0004	0.0012	9.48E+06	0.281	1266.820	6200	0	26931	0.0027	-0.0006	0.0015	1.09E+07	0.294
1433.950	1201	0	14029	0.0022	-0.0003	0.0017	7.61E+06	0.164	1951.130	2200	0	23215	0.0027	-0.0005	0.0017	9.51E+06	0.261	2884.240	4200	0	17311	0.0020	-0.0004	0.0012	9.47E+06	0.278	1267.820	6200	0	26964	0.0028	-0.0006	0.0015	1.08E+07	0.292
1434.950	1199	0	14045	0.0022	-0.0002	0.0017	7.64E+06	0.163	1952.130	2199	0	23392	0.0028	-0.0005	0.0017	9.58E+06	0.262	2885.240	4199	0	17407	0.0020	-0.0004	0.0013	9.44E+06	0.276	1268.820	6200	0	27028	0.0028	-0.0006	0.0015	1.08E+07	0.293
1435.950	1201	0	14077	0.0021	-0.0002	0.0016	7.65E+06	0.164	1953.130	2201	0	23569	0.0028	-0.0005	0.0018	9.65E+06	0.263	2886.240	4200	0	17423	0.0020	-0.0004	0.0013	9.55E+06	0.278	1269.820	6199	0	27076	0.0028	-0.0006	0.0015	1.08E+07	0.295
1436.950	1199	0	14109	0.0021	-0.0002	0.0016	7.60E+06	0.162	1954.130	2201	0	23489	0.0028	-0.0005	0.0018	9.68E+06	0.264	2887.240	4200	0	17472	0.0020	-0.0004	0.0013	9.56E+06	0.278	1270.820	6201	0	27125	0.0028	-0.0006	0.0015	1.08E+07	0.294
1437.950	1198	0	14141	0.0022	-0.0002	0.0017	7.63E+06	0.162	1955.130	2201	0	23440	0.0028	-0.0005	0.0018	9.76E+06	0.266	2888.240	4199	0	17520	0.0020	-0.0004	0.0013	9.58E+06	0.279	1271.820	6199	0	27173	0.0028	-0.0006	0.0015	1.08E+07	0.295
1438.950	1200	0	14174	0.0022	-0.0003	0.0017	7.60E+06	0.161	1956.130	2200	0	23392	0.0028	-0.0005	0.0018	9.78E+06	0.266	2889.240	4200	0	17552	0.0020	-0.0004	0.0013	9.63E+06	0.278	1272.820	6200	0	27189	0.0028	-0.0006	0.0015	1.07E+07	0.292
1439.950	1202	0	14238	0.0022	-0.0003	0.0017	7.59E+06	0.161	1957.130	2201	0	23392	0.0028	-0.0005	0.0018	9.79E+06	0.266	2890.240	4200	0	17584	0.0021	-0.0004	0.0013	9.66E+06	0.279	1273.820	6199	0	27237	0.0028	-0.0006	0.0015	1.07E+07	0.291
1440.950	1199	0	14238	0.0022	-0.0003	0.0017	7.63E+06	0.162	1958.130	2199	0	23408	0.0028	-0.0005	0.0017	9.92E+06	0.269	2891.240	4198	0	17649	0.0021	-0.0004	0.0013	9.64E+06	0.278	1274.820	6199	0	27302	0.0028	-0.0006	0.0015	1.07E+07	0.292
1441.950	1200	0	14286	0.0022	-0.0003	0.0017	7.66E+06	0.163	1959.130	2200	0	23424	0.0028	-0.0005	0.0017	9.96E+06	0.270	2892.240	4201	0	17697	0.0021	-0.0004	0.0013	9.71E+06	0.278	1275.820	6199	0	27350	0.0028	-0.0006	0.0015	1.07E+07	0.292
1442.950	1199	0	14335	0.0022	-0.0003	0.0017	7.61E+06	0.164	1960.130	2201	0	23473	0.0028	-0.0005	0.0018	9.95E+06	0.270	2893.240	4200	0	17729	0.0021	-0.0004	0.0013	9.72E+06	0.278	1276.820	6199	0	27414	0.0028	-0.0006	0.0015	1.08E+07	0.291
1443.950	1200	0	14351	0.0022	-0.0003	0.0017	7.64E+06	0.164	1961.130	2198	0	23473	0.0028	-0.0005	0.0018	1.01E+07	0.273	2894.240	4199	0	17745	0.0021	-0.0004	0.0013	9.70E+06	0.279	1277.820	6199	0	27414	0.0028	-0.0006	0.0015	1.07E+07	0.290
1444.950	1201	0	14399	0.0022	-0.0003	0.0017	7.64E+06	0.163	1962.130	2201	0	23601	0.0028	-0.0005	0.0018	1.01E+07	0.273	2895.240	4199	0	17826	0.0021	-0.0004	0.0013	9.72E+06	0.279	1278.820	6199	0	27495	0.0028	-0.0006	0.0015	1.07E+07	0.289
1445.950	1200	0	14431	0.0022	-0.0003	0.0017	7.64E+06	0.165	1963.130	2200	0	23794	0.0028	-0.0005	0.0018	1.01E+07	0.273	2896.240	4199	0	17874	0.0021	-0.0004	0.0013	9.73E+06	0.279	1279.810	6199	0	27511	0.0028	-0.0006	0.0015	1.07E+07	0.288
1446.950	1199	0	14463	0.0022	-0.0003	0.0017	7.71E+06	0.165	1964.130	2200	0	23939	0.0028	-0.0005	0.0018	1.03E+07	0.275	2897.240	4200	0	17906	0.0021	-0.0004	0.0013	9.65E+06	0.278	1280.810	6200	0	27575	0.0028	-0.0006	0.0015	1.07E+07	0.288
1447.950	1201	0	14495	0.0022	-0.0003	0.0017	7.71E+06	0.166	1965.130	2201	0	24084	0.0028	-0.0005	0.0018	1.03E+07	0.274	2898.240	4199	0	17954	0.0021	-0.0004	0.0013	9.65E+06	0.277	1281.810	6201	0	27623	0.0028	-0.0006	0.0015	1.07E+07	0.288
1448.950	1202	0	14511	0.0022	-0.0003	0.0017	7.71E+06	0.167	1966.130	2201	0	24164	0.0028	-0.0005	0.0018	1.03E+07	0.274	2899.240	4199	0	18003	0.0021	-0.0004	0.0013	9.60E+06	0.275	1282.810	6199	0	27655	0.0028	-0.0006	0.0015	1.08E+07	0.288
1449.950	1199	0	14576	0.0022	-0.0003	0.0017	7.75E+06	0.165	1967.130	2198	0	24164	0.0028	-0.0005	0.0018	1.03E+07	0.274	2900.2																	

1493.930	1199	0	16217	0.0024	-0.0003	0.0018	8.20E+06	0.196	2011.110	2201	0	25966	0.0030	-0.0006	0.0019	9.17E+06	0.308	2944.220	4202	0	19885	0.0023	-0.0005	0.0014	9.81E+06	0.276	1327.800	6199	0	29972	0.0030	-0.0007	0.0016	1.10E+07	0.284
1494.930	1202	0	16249	0.0024	-0.0003	0.0018	8.24E+06	0.196	2012.110	2201	0	26014	0.0030	-0.0006	0.0019	9.20E+06	0.310	2945.220	4201	0	20207	0.0023	-0.0005	0.0014	9.92E+06	0.277	1328.800	6199	0	30053	0.0030	-0.0007	0.0016	1.10E+07	0.285
1495.930	1200	0	16281	0.0024	-0.0003	0.0018	8.25E+06	0.195	2013.110	2200	0	26063	0.0030	-0.0006	0.0019	9.14E+06	0.310	2946.220	4199	0	20432	0.0023	-0.0005	0.0014	1.00E+07	0.279	1329.800	6201	0	30101	0.0030	-0.0007	0.0016	1.10E+07	0.286
1496.930	1198	0	16313	0.0024	-0.0003	0.0018	8.19E+06	0.197	2014.110	2200	0	26127	0.0030	-0.0006	0.0019	9.09E+06	0.310	2947.220	4201	0	20561	0.0024	-0.0005	0.0014	1.02E+07	0.282	1330.800	6199	0	30165	0.0030	-0.0007	0.0016	1.09E+07	0.285
1497.930	1201	0	16362	0.0024	-0.0003	0.0018	8.22E+06	0.198	2015.110	2201	0	26143	0.0031	-0.0006	0.0019	9.10E+06	0.311	2948.220	4198	0	20657	0.0024	-0.0005	0.0014	1.02E+07	0.281	1331.800	6200	0	30197	0.0030	-0.0007	0.0016	1.09E+07	0.286
1498.930	1199	0	16426	0.0024	-0.0003	0.0018	8.22E+06	0.200	2016.110	2201	0	26191	0.0030	-0.0006	0.0019	9.08E+06	0.311	2949.220	4200	0	20802	0.0024	-0.0005	0.0014	1.04E+07	0.283	1332.800	6199	0	30278	0.0030	-0.0007	0.0016	1.09E+07	0.285
1499.930	1201	0	16458	0.0025	-0.0003	0.0019	8.24E+06	0.202	2017.110	2200	0	26208	0.0030	-0.0006	0.0019	9.04E+06	0.311	2950.220	4200	0	20947	0.0024	-0.0005	0.0014	1.07E+07	0.285	1333.800	6200	0	30326	0.0031	-0.0007	0.0016	1.09E+07	0.286
1500.930	1201	0	16506	0.0025	-0.0003	0.0019	8.26E+06	0.203	2018.110	2199	0	26272	0.0031	-0.0006	0.0019	9.04E+06	0.312	2951.220	4199	0	21043	0.0024	-0.0005	0.0014	1.09E+07	0.286	1334.800	6200	0	30423	0.0031	-0.0007	0.0016	1.09E+07	0.288
1501.930	1200	0	16490	0.0025	-0.0003	0.0019	8.25E+06	0.204	2019.110	2200	0	26320	0.0031	-0.0006	0.0019	9.07E+06	0.314	2952.220	4201	0	21124	0.0024	-0.0005	0.0014	1.12E+07	0.286	1335.800	6201	0	30439	0.0031	-0.0007	0.0016	1.09E+07	0.287
1502.930	1198	0	16571	0.0025	-0.0003	0.0019	8.25E+06	0.206	2020.110	2201	0	26352	0.0031	-0.0006	0.0019	9.07E+06	0.315	2953.220	4200	0	21204	0.0024	-0.0005	0.0014	1.16E+07	0.290	1336.800	6200	0	30535	0.0031	-0.0007	0.0016	1.09E+07	0.287
1503.930	1200	0	16603	0.0025	-0.0003	0.0018	8.27E+06	0.207	2021.110	2200	0	26417	0.0031	-0.0006	0.0019	9.08E+06	0.320	2954.220	4198	0	21285	0.0024	-0.0005	0.0014	1.18E+07	0.291	1337.800	6199	0	30551	0.0031	-0.0007	0.0016	1.09E+07	0.288
1504.930	1201	0	16651	0.0025	-0.0003	0.0019	8.22E+06	0.208	2022.110	2200	0	26417	0.0031	-0.0006	0.0019	9.04E+06	0.322	2955.220	4201	0	21365	0.0024	-0.0005	0.0014	1.21E+07	0.292	1338.800	6200	0	30616	0.0031	-0.0007	0.0017	1.08E+07	0.287
1505.930	1201	0	16716	0.0025	-0.0003	0.0019	8.21E+06	0.209	2023.110	2201	0	26497	0.0031	-0.0006	0.0019	9.02E+06	0.325	2956.220	4200	0	21413	0.0024	-0.0005	0.0014	1.24E+07	0.292	1339.800	6199	0	30664	0.0031	-0.0007	0.0016	1.08E+07	0.288
1506.930	1200	0	16716	0.0025	-0.0003	0.0019	8.24E+06	0.210	2024.110	2201	0	26545	0.0031	-0.0006	0.0019	9.03E+06	0.327	2957.220	4200	0	21478	0.0024	-0.0005	0.0014	1.25E+07	0.289	1340.800	6200	0	30728	0.0031	-0.0007	0.0017	1.09E+07	0.289
1507.930	1202	0	16780	0.0025	-0.0003	0.0019	8.22E+06	0.210	2025.110	2201	0	26578	0.0031	-0.0006	0.0019	8.98E+06	0.326	2958.220	4201	0	21445	0.0025	-0.0005	0.0014	1.26E+07	0.289	1341.800	6199	0	30777	0.0031	-0.0007	0.0017	1.10E+07	0.292
1508.930	1199	0	16828	0.0025	-0.0003	0.0019	8.20E+06	0.211	2026.110	2201	0	26626	0.0031	-0.0006	0.0019	9.01E+06	0.328	2959.220	4201	0	21381	0.0024	-0.0005	0.0014	1.28E+07	0.288	1342.790	6200	0	30841	0.0031	-0.0007	0.0017	1.10E+07	0.292
1509.930	1200	0	16860	0.0025	-0.0003	0.0019	8.17E+06	0.212	2027.110	2201	0	26674	0.0031	-0.0006	0.0019	9.03E+06	0.329	2960.220	4201	0	21285	0.0024	-0.0005	0.0014	1.28E+07	0.287	1343.790	6200	0	30921	0.0031	-0.0007	0.0017	1.10E+07	0.291
1510.930	1201	0	16893	0.0025	-0.0003	0.0019	8.13E+06	0.213	2028.110	2200	0	26690	0.0031	-0.0006	0.0019	9.04E+06	0.332	2961.220	4200	0	21220	0.0025	-0.0005	0.0014	1.28E+07	0.286	1344.790	6200	0	30970	0.0031	-0.0007	0.0017	1.10E+07	0.294
1511.930	1200	0	16941	0.0025	-0.0003	0.0019	8.12E+06	0.214	2029.110	2201	0	26706	0.0031	-0.0006	0.0019	9.06E+06	0.335	2962.220	4200	0	21172	0.0024	-0.0005	0.0014	1.28E+07	0.286	1345.790	6199	0	31018	0.0031	-0.0007	0.0017	1.10E+07	0.293
1512.930	1200	0	17005	0.0025	-0.0003	0.0019	8.15E+06	0.215	2030.110	2199	0	26803	0.0031	-0.0006	0.0019	9.12E+06	0.339	2963.210	4201	0	21140	0.0024	-0.0005	0.0014	1.25E+07	0.284	1346.790	6199	0	31050	0.0031	-0.0007	0.0017	1.10E+07	0.294
1513.930	1200	0	17005	0.0025	-0.0003	0.0019	8.12E+06	0.214	2031.110	2199	0	26803	0.0031	-0.0006	0.0019	9.10E+06	0.341	2964.210	4199	0	21124	0.0025	-0.0005	0.0014	1.23E+07	0.283	1347.790	6200	0	31147	0.0031	-0.0007	0.0017	1.11E+07	0.294
1514.930	1201	0	17069	0.0025	-0.0003	0.0019	8.08E+06	0.216	2032.100	2201	0	26867	0.0031	-0.0006	0.0019	9.12E+06	0.345	2965.210	4199	0	21059	0.0024	-0.0005	0.0014	1.21E+07	0.281	1348.790	6201	0	31179	0.0031	-0.0007	0.0017	1.10E+07	0.293
1515.930	1200	0	17086	0.0025	-0.0003	0.0019	8.08E+06	0.218	2033.100	2201	0	26915	0.0031	-0.0006	0.0019	9.12E+06	0.350	2966.210	4198	0	21075	0.0024	-0.0005	0.0014	1.17E+07	0.279	1349.790	6200	0	31227	0.0031	-0.0007	0.0017	1.10E+07	0.294
1516.920	1202	0	17166	0.0025	-0.0003	0.0019	8.07E+06	0.220	2034.100	2199	0	26964	0.0031	-0.0006	0.0019	9.13E+06	0.353	2967.210	4202	0	21108	0.0024	-0.0005	0.0014	1.14E+07	0.279	1350.790	6199	0	31275	0.0031	-0.0007	0.0017	1.11E+07	0.295
1517.920	1201	0	17182	0.0026	-0.0003	0.0019	8.10E+06	0.224	2035.100	2200	0	27012	0.0031	-0.0006	0.0019	9.08E+06	0.355	2968.210	4200	0	21156	0.0024	-0.0005	0.0014	1.11E+07	0.278	1351.790	6199	0	31340	0.0031	-0.0007	0.0017	1.10E+07	0.294
1518.920	1199	0	17214	0.0025	-0.0003	0.0019	8.16E+06	0.227	2036.100	2200	0	27028	0.0031	-0.0006	0.0019	9.12E+06	0.359	2969.210	4200	0	21333	0.0024	-0.0005	0.0014	1.08E+07	0.277	1352.790	6199	0	31388	0.0032	-0.0007	0.0017	1.10E+07	0.294
1519.920	1200	0	17246	0.0025	-0.0003	0.0019	8.16E+06	0.228	2037.100	2201	0	27125	0.0031	-0.0006	0.0019	9.14E+06	0.363	2970.210	4200	0	21574	0.0025	-0.0005	0.0015	1.07E+07	0.276	1353.790	6199	0	31420	0.0032	-0.0007	0.0017	1.11E+07	0.295
1520.920	1200	0	17295	0.0025	-0.0003	0.0019	8.16E+06	0.229	2038.100	2198	0	27141	0.0032	-0.0006	0.0019	9.10E+06	0.367	2971.210	4201	0	21655	0.0025	-0.0005	0.0015	1.07E+07	0.277	1354.790	6201	0	31501	0.0032	-0.0007	0.0017	1.11E+07	0.296
1521.920	1200	0	17327	0.0026	-0.0003	0.0019	8.20E+06	0.231	2039.100	2198	0	27157	0.0032	-0.0006	0.0019	9.08E+06	0.372	2972.210	4200	0	21719	0.0025	-0.0005	0.0014	1.08E+07	0.277	1355.790	6200	0	31549	0.0032	-0.0007	0.0017	1.11E+07	0.297
1522.920	1198	0	17375	0.0026	-0.0003	0.0019	8.17E+06	0.235	2040.100	2201	0	27205	0.0032	-0.0006	0.0019	9.09E+06	0.377	2973.210	4200	0	21815	0.0025	-0.0005	0.0015	1.09E+07	0.277	1356.790	6200	0	31581	0.0032	-0.0007	0.0017	1.10E+07	0.295
1523.920	1201	0	17423	0.0026	-0.0003	0.0019	8.15E+06	0.237	2041.100	2200	0	27269	0.0032	-0.0006	0.0019	9.06E+06	0.382	2974.210	4201	0	21912	0.0025	-0.0005	0.0015	1.09E+07	0.275	1357.790	6199	0	31629	0.0032	-0.0007	0.0017	1.10E+07	0.294
1524.920	1200	0	17472	0.0026	-0.0003	0.0019	8.19E+06	0.239	2042.100	2200	0	27302	0.0032	-0.0006	0.0019	9.09E+06	0.388	2975.210	4201	0	22008	0.0025	-0.0005	0.0015	1.09E+07	0.274	1358.790	6199	0	31694	0.0032	-0.0007	0.0017	1.11E+07	0.293
1525.920	1199	0	17488	0.0026	-0.0003	0.0019	8.16E+06	0.240	2043.100	2200	0	27318	0.0032	-0.0006	0.0019	9.07E+06	0.394	2976.2																	

1569.910	1201	0	19209	0.0028	-0.0004	0.0020	7.94E+06	0.371
1570.910	1201	0	19274	0.0028	-0.0004	0.0020	7.97E+06	0.377
1571.910	1201	0	19306	0.0028	-0.0004	0.0020	7.99E+06	0.380
1572.910	1200	0	19322	0.0028	-0.0004	0.0020	8.02E+06	0.383
1573.910	1199	0	19386	0.0028	-0.0004	0.0020	7.98E+06	0.386
1574.910	1199	0	19418	0.0028	-0.0004	0.0020	7.93E+06	0.387
1575.910	1202	0	19483	0.0028	-0.0004	0.0020	7.96E+06	0.391
1576.910	1200	0	19563	0.0028	-0.0004	0.0020	7.98E+06	0.395
1577.910	1201	0	19579	0.0028	-0.0004	0.0020	8.07E+06	0.402
1578.900	1200	0	19627	0.0028	-0.0004	0.0020	8.08E+06	0.406
1579.900	1199	0	19644	0.0028	-0.0004	0.0020	8.02E+06	0.408
1580.900	1201	0	19676	0.0028	-0.0004	0.0020	8.00E+06	0.411
1581.900	1200	0	19740	0.0028	-0.0004	0.0020	8.02E+06	0.415
1582.900	1200	0	19788	0.0029	-0.0004	0.0020	8.03E+06	0.418
1583.900	1199	0	19821	0.0029	-0.0004	0.0020	8.08E+06	0.424
1584.900	1200	0	19853	0.0029	-0.0004	0.0020	8.13E+06	0.427
1585.900	1200	0	19917	0.0029	-0.0004	0.0020	8.05E+06	0.427
1586.900	1201	0	19965	0.0029	-0.0004	0.0020	7.99E+06	0.429
1587.900	1201	0	19965	0.0029	-0.0004	0.0020	8.02E+06	0.435
1588.900	1200	0	20030	0.0029	-0.0004	0.0020	8.03E+06	0.441
1589.900	1200	0	20062	0.0029	-0.0004	0.0020	8.07E+06	0.448
1590.900	1202	0	20110	0.0029	-0.0004	0.0020	8.05E+06	0.453
1591.900	1199	0	20126	0.0029	-0.0004	0.0020	7.92E+06	0.450
1592.900	1200	0	20191	0.0029	-0.0004	0.0020	7.86E+06	0.453
1593.900	1201	0	20223	0.0029	-0.0004	0.0020	7.87E+06	0.459
1594.900	1199	0	20287	0.0029	-0.0005	0.0020	7.90E+06	0.462
1595.580	1201	0	20303	0.0029	-0.0004	0.0020	7.89E+06	0.466

3020.200	4199	0	24390	0.0027	-0.0006	0.0016	1.05E+07	0.294	1403.780	6199	0	34509	0.0034	-0.0008	0.0018	1.06E+07	0.278
3021.200	4199	0	24454	0.0027	-0.0006	0.0016	1.05E+07	0.292	1404.770	6199	0	34525	0.0034	-0.0008	0.0018	1.06E+07	0.279
3022.200	4201	0	24502	0.0027	-0.0006	0.0016	1.05E+07	0.294	1405.770	6201	0	34606	0.0034	-0.0008	0.0018	1.07E+07	0.281
3023.200	4201	0	24534	0.0027	-0.0006	0.0016	1.06E+07	0.294	1406.770	6200	0	34654	0.0034	-0.0008	0.0018	1.07E+07	0.282
3024.200	4199	0	24583	0.0027	-0.0006	0.0016	1.06E+07	0.293	1407.770	6200	0	34670	0.0035	-0.0008	0.0018	1.06E+07	0.282
3025.190	4199	0	24615	0.0028	-0.0006	0.0016	1.06E+07	0.292	1408.770	6199	0	34702	0.0035	-0.0008	0.0018	1.06E+07	0.282
3026.190	4201	0	24631	0.0027	-0.0006	0.0016	1.06E+07	0.291	1409.770	6201	0	34734	0.0034	-0.0008	0.0018	1.06E+07	0.283
3027.190	4200	0	24679	0.0027	-0.0006	0.0016	1.06E+07	0.291	1410.770	6199	0	34766	0.0035	-0.0008	0.0018	1.06E+07	0.283
3028.190	4200	0	24760	0.0028	-0.0006	0.0016	1.06E+07	0.290	1411.770	6199	0	34799	0.0035	-0.0008	0.0018	1.06E+07	0.285
3029.190	4199	0	24792	0.0028	-0.0006	0.0016	1.06E+07	0.289	1412.770	6200	0	34831	0.0035	-0.0008	0.0018	1.06E+07	0.286
3030.190	4199	0	24808	0.0028	-0.0006	0.0016	1.06E+07	0.289	1413.770	6200	0	34863	0.0035	-0.0008	0.0018	1.06E+07	0.287
3031.190	4200	0	24888	0.0028	-0.0006	0.0016	1.06E+07	0.290	1414.770	6201	0	34927	0.0035	-0.0008	0.0018	1.06E+07	0.289
3032.190	4200	0	24904	0.0028	-0.0006	0.0016	1.06E+07	0.288	1415.770	6199	0	34959	0.0035	-0.0008	0.0018	1.06E+07	0.289
3033.190	4200	0	24969	0.0028	-0.0006	0.0016	1.07E+07	0.287	1416.770	6199	0	35024	0.0035	-0.0008	0.0018	1.06E+07	0.291
3034.190	4201	0	25033	0.0028	-0.0006	0.0016	1.07E+07	0.289	1417.770	6200	0	35040	0.0035	-0.0008	0.0018	1.06E+07	0.289
3035.190	4199	0	25049	0.0028	-0.0006	0.0016	1.07E+07	0.287	1418.770	6199	0	35056	0.0035	-0.0008	0.0018	1.07E+07	0.290
3036.190	4200	0	25114	0.0028	-0.0006	0.0016	1.06E+07	0.288	1419.770	6200	0	35104	0.0035	-0.0008	0.0018	1.07E+07	0.290
3037.190	4200	0	25130	0.0028	-0.0006	0.0016	1.07E+07	0.288	1420.770	6199	0	35169	0.0035	-0.0008	0.0018	1.07E+07	0.291
3038.190	4200	0	25194	0.0028	-0.0006	0.0016	1.06E+07	0.287	1421.770	6200	0	35201	0.0035	-0.0008	0.0018	1.07E+07	0.291
3039.190	4200	0	25226	0.0028	-0.0006	0.0016	1.06E+07	0.288	1422.770	6201	0	35233	0.0035	-0.0008	0.0018	1.07E+07	0.291
3040.190	4200	0	25258	0.0028	-0.0006	0.0016	1.07E+07	0.288	1423.770	6200	0	35297	0.0035	-0.0008	0.0018	1.08E+07	0.291
3041.190	4200	0	25355	0.0028	-0.0006	0.0016	1.07E+07	0.288	1424.770	6199	0	35313	0.0035	-0.0008	0.0018	1.08E+07	0.292
3042.190	4200	0	25371	0.0028	-0.0006	0.0016	1.06E+07	0.286	1425.770	6199	0	35378	0.0035	-0.0008	0.0018	1.08E+07	0.292
3043.190	4199	0	25419	0.0028	-0.0006	0.0016	1.06E+07	0.287	1426.770	6199	0	35426	0.0035	-0.0008	0.0018	1.07E+07	0.291
3044.190	4199	0	25484	0.0028	-0.0006	0.0016	1.06E+07	0.286	1427.770	6199	0	35490	0.0035	-0.0008	0.0018	1.07E+07	0.292
3045.190	4199	0	25516	0.0028	-0.0006	0.0016	1.06E+07	0.288	1428.770	6199	0	35506	0.0035	-0.0008	0.0018	1.07E+07	0.290
3046.190	4201	0	25564	0.0028	-0.0006	0.0016	1.06E+07	0.289	1429.770	6201	0	35555	0.0035	-0.0008	0.0018	1.07E+07	0.291
3047.190	4200	0	25644	0.0028	-0.0006	0.0016	1.06E+07	0.291	1430.770	6199	0	35603	0.0035	-0.0008	0.0019	1.07E+07	0.290
3048.190	4200	0	25677	0.0029	-0.0006	0.0016	1.06E+07	0.291	1431.770	6200	0	35683	0.0035	-0.0008	0.0018	1.07E+07	0.290
3049.190	4200	0	25725	0.0029	-0.0006	0.0016	1.06E+07	0.289	1432.770	6199	0	35732	0.0035	-0.0008	0.0019	1.07E+07	0.292
3050.190	4199	0	25741	0.0028	-0.0006	0.0016	1.06E+07	0.290	1433.770	6199	0	35780	0.0036	-0.0008	0.0019	1.06E+07	0.291
3051.190	4200	0	25821	0.0028	-0.0006	0.0016	1.06E+07	0.291	1434.770	6200	0	35812	0.0036	-0.0009	0.0019	1.07E+07	0.291
3052.190	4198	0	25854	0.0029	-0.0006	0.0016	1.06E+07	0.291	1435.770	6199	0	35876	0.0036	-0.0009	0.0019	1.07E+07	0.292
3053.190	4200	0	25950	0.0029	-0.0006	0.0016	1.06E+07	0.293	1436.760	6201	0	35909	0.0036	-0.0009	0.0019	1.08E+07	0.294
3054.190	4200	0	25950	0.0029	-0.0006	0.0016	1.06E+07	0.294	1437.760	6200	0	35957	0.0036	-0.0009	0.0019	1.08E+07	0.295
3055.190	4200	0	26014	0.0029	-0.0006	0.0016	1.06E+07	0.294	1438.760	6199	0	36021	0.0036	-0.0009	0.0019	1.08E+07	0.295
3056.190	4199	0	26031	0.0029	-0.0006	0.0016	1.05E+07	0.294	1439.760	6200	0	36086	0.0036	-0.0009	0.0019	1.08E+07	0.296
3057.180	4200	0	26111	0.0029	-0.0006	0.0016	1.05E+07	0.295	1440.760	6199	0	36118	0.0036	-0.0009	0.0019	1.08E+07	0.297
3058.180	4199	0	26143	0.0029	-0.0006	0.0016	1.05E+07	0.295	1441.760	6200	0	36182	0.0036	-0.0009	0.0019	1.07E+07	0.296
3059.180	4199	0	26208	0.0029	-0.0006	0.0016	1.05E+07	0.293	1442.760	6200	0	36230	0.0036	-0.0009	0.0019	1.08E+07	0.295
3060.180	4199	0	26256	0.0029	-0.0006	0.0016	1.04E+07	0.294	1443.760	6199	0	36311	0.0036	-0.0009	0.0019	1.08E+07	0.293
3061.180	4201	0	26272	0.0029	-0.0006	0.0016	1.04E+07	0.294	1444.760	6199	0	36343	0.0036	-0.0009	0.0019	1.08E+07	0.294
3062.180	4201	0	26352	0.0029	-0.0006	0.0016	1.03E+07	0.293	1445.760	6200	0	36391	0.0036	-0.0009	0.0019	1.08E+07	0.294
3063.180	4199	0	26401	0.0029	-0.0006	0.0016	1.02E+07	0.291	1446.760	6201	0	36456	0.0036	-0.0009	0.0019	1.08E+07	0.294
3064.180	4200	0	26449	0.0029	-0.0006	0.0016	1.02E+07	0.292	1447.760	6199	0	36504	0.0036	-0.0009	0.0019	1.08E+07	0.295
3065.180	4199	0	26481	0.0029	-0.0006	0.0016	1.00E+07	0.291	1448.760	6200	0	36568	0.0036	-0.0009	0.0019	1.09E+07	0.296
3066.180	4200	0	26545	0.0029	-0.0006	0.0017	9.84E+06	0.290	1449.760	6200	0	36633	0.0036	-0.0009	0.0019	1.09E+07	0.297
3067.180	4200	0	26578	0.0029	-0.0006	0.0017	9.83E+06	0.290	1450.760	6200	0	36681	0.0036	-0.0009	0.0019	1.10E+07	0.300
3068.180	4199	0	26642	0.0029	-0.0006	0.0016	9.94E+06	0.287	1451.760	6200	0	36745	0.0036	-0.0009	0.0019	1.10E+07	0.301
3069.180	4199	0	26674	0.0029	-0.0006	0.0016	1.01E+07	0.283	1452.760	6200	0	36777	0.0037	-0.0009	0.0019	1.10E+07	0.303
3070.180	4200	0	26722	0.0029	-0.0006	0.0016	1.03E+07	0.281	1453.760	6200	0	36842	0.0037	-0.0009	0.0019	1.10E+07	0.302
3071.180	4200	0	26755	0.0029	-0.0006	0.0016	1.01E+07	0.279	1454.760	6200	0	36906	0.0037	-0.0009	0.0019	1.10E+07	0.303
3072.180	4199	0	26803	0.0030	-0.0007	0.0017	9.87E+06	0.278	1455.760	6200	0	36922	0.0037	-0.0009	0.0019	1.09E+07	0.302
3073.180	4200	0	26851	0.0030	-0.0007	0.0017	9.55E+06	0.279	1456.760	6199	0	37003	0.0037	-0.0009	0.0019	1.10E+07	0.303
3074.180	4200	0	26883	0.0030	-0.0006	0.0017	9.30E+06	0.277	1457.760	6200	0	37051	0.0037	-0.0009	0.0019	1.10E+07	0.304
3075.180	4200	0	26915	0.0030	-0.0007	0.0017	9.13E+06	0.276	1458.760	6199	0	37099	0.0037	-0.0009	0.0019	1.10E+07	0.304
3076.180	4200	0	26980	0.0030	-0.0007	0.0017	9.08E+06	0.276	1459.760	6200	0	37164	0.0037	-0.0009	0.0019	1.10E+07	0.303
3077.180	4200	0	27028	0.0030	-0.0007	0.0017	9.02E+06	0.275	1460.760	6200	0	37228	0.0037	-0.0009	0.0019	1.10E+07	0.303
3078.180	4199	0	27060	0.0030	-0.0007	0.0017	8.98E+06	0.275	1461.760	6199	0	37292	0.0037	-0.0009	0.0019	1.10E+07	0.304
3079.180	4200	0	27060	0.0030	-0.0007	0.0017	9.00E+06	0.274	1462.760	6201	0	37340	0.0037	-0.0009	0.0019	1.10E+07	0.304
3080.180	4200	0	27092	0.0030	-0.0007	0.0017	9.09E+06	0.275	1463.760	6201	0	37373	0.0037	-0.0009	0.0019	1.10E+07	0.304
3081.180	4201	0	27157	0.0030	-0.0007	0.0017	9.18E+06	0.274	1464.760	6200	0	37405	0.0037	-0.0009	0.0019	1.10E+07	0.304
3082.180	4200	0	27221	0.0030	-0.0007	0.0017	9.37E+06	0.277	1465.760	6199	0	37453	0.0037	-0.0009	0.0019	1.10E+07	0.304
3083.180	4201	0	27269	0.0030	-0.0007	0.0017	9.40E+06	0.275	1466.760	6201	0	37501	0.0037	-0.0009	0.0019	1.10E+07	0.305
3084.180	4201	0	27285	0.0030	-0.0007	0.0017	9.41E+06	0.277</									

3096.170	4201	0	28395	0.0031	-0.0007	0.0017	9.93E+06	0.276	1479.750	6201	0	38209	0.0038	-0.0009	0.0019	1.10E+07	0.306
3097.170	4200	0	28170	0.0031	-0.0007	0.0017	9.99E+06	0.277	1480.750	6201	0	38258	0.0038	-0.0009	0.0019	1.10E+07	0.306
3098.170	4200	0	27961	0.0031	-0.0007	0.0017	1.01E+07	0.278	1481.750	6199	0	38338	0.0038	-0.0009	0.0019	1.09E+07	0.306
3099.170	4198	0	27945	0.0031	-0.0007	0.0017	1.02E+07	0.279	1482.750	6198	0	38354	0.0038	-0.0009	0.0019	1.09E+07	0.305
3100.170	4199	0	28042	0.0031	-0.0007	0.0017	1.02E+07	0.278	1483.750	6201	0	38402	0.0038	-0.0009	0.0020	1.09E+07	0.307
3101.170	4200	0	28154	0.0031	-0.0007	0.0017	1.03E+07	0.279	1484.750	6200	0	38451	0.0038	-0.0009	0.0019	1.08E+07	0.305
3102.170	4200	0	28267	0.0031	-0.0007	0.0017	1.04E+07	0.281	1485.750	6200	0	38515	0.0038	-0.0009	0.0020	1.09E+07	0.305
3103.170	4200	0	28379	0.0031	-0.0007	0.0017	1.04E+07	0.282	1486.750	6200	0	38563	0.0038	-0.0009	0.0020	1.09E+07	0.306
3104.170	4200	0	28444	0.0031	-0.0007	0.0017	1.05E+07	0.283	1487.750	6199	0	38628	0.0038	-0.0009	0.0020	1.08E+07	0.305
3105.170	4199	0	28717	0.0031	-0.0007	0.0017	1.06E+07	0.284	1488.750	6200	0	38660	0.0038	-0.0009	0.0020	1.08E+07	0.304
3106.170	4200	0	28926	0.0032	-0.0007	0.0017	1.07E+07	0.285	1489.750	6199	0	38724	0.0038	-0.0009	0.0020	1.08E+07	0.305
3107.170	4200	0	29103	0.0032	-0.0007	0.0017	1.07E+07	0.287	1490.750	6200	0	38805	0.0038	-0.0009	0.0020	1.08E+07	0.304
3108.170	4200	0	29023	0.0032	-0.0007	0.0018	1.07E+07	0.288	1491.750	6199	0	38837	0.0038	-0.0009	0.0020	1.07E+07	0.305
3109.170	4202	0	28894	0.0032	-0.0007	0.0017	1.08E+07	0.288	1492.750	6199	0	38885	0.0038	-0.0009	0.0020	1.07E+07	0.304
3110.170	4199	0	28798	0.0032	-0.0007	0.0018	1.08E+07	0.289	1493.750	6199	0	38901	0.0038	-0.0009	0.0020	1.07E+07	0.304
3111.170	4200	0	28782	0.0032	-0.0007	0.0018	1.09E+07	0.290	1494.750	6200	0	38965	0.0038	-0.0009	0.0020	1.06E+07	0.300
3112.170	4200	0	28878	0.0032	-0.0007	0.0018	1.10E+07	0.292	1495.750	6199	0	39030	0.0038	-0.0009	0.0020	1.06E+07	0.299
3113.170	4201	0	29007	0.0032	-0.0007	0.0017	1.10E+07	0.294	1496.750	6199	0	39110	0.0039	-0.0009	0.0020	1.06E+07	0.299
3114.170	4201	0	29152	0.0032	-0.0007	0.0018	1.11E+07	0.296	1497.750	6200	0	39158	0.0039	-0.0009	0.0020	1.06E+07	0.297
3115.170	4201	0	29200	0.0032	-0.0007	0.0017	1.11E+07	0.298	1498.740	6200	0	39207	0.0039	-0.0009	0.0020	1.06E+07	0.296
3116.170	4200	0	29280	0.0032	-0.0007	0.0018	1.11E+07	0.300	1499.740	6199	0	39255	0.0039	-0.0009	0.0020	1.06E+07	0.297
3117.170	4201	0	29345	0.0032	-0.0007	0.0018	1.11E+07	0.304	1500.740	6199	0	39303	0.0039	-0.0009	0.0020	1.05E+07	0.299
3118.170	4201	0	29409	0.0032	-0.0007	0.0018	1.12E+07	0.307	1501.740	6201	0	39384	0.0039	-0.0010	0.0020	1.05E+07	0.299
3119.160	4201	0	29538	0.0032	-0.0007	0.0018	1.13E+07	0.306	1502.740	6199	0	39448	0.0039	-0.0010	0.0020	1.05E+07	0.299
3120.160	4199	0	29554	0.0032	-0.0007	0.0018	1.13E+07	0.305	1503.740	6200	0	39496	0.0039	-0.0010	0.0020	1.06E+07	0.299
3121.160	4201	0	29618	0.0032	-0.0007	0.0018	1.14E+07	0.304	1504.740	6201	0	39561	0.0039	-0.0010	0.0020	1.05E+07	0.299
3122.160	4199	0	29666	0.0032	-0.0007	0.0018	1.14E+07	0.304	1505.740	6198	0	39593	0.0039	-0.0010	0.0020	1.05E+07	0.300
3123.160	4199	0	29747	0.0032	-0.0007	0.0018	1.13E+07	0.305	1506.740	6199	0	39657	0.0039	-0.0010	0.0020	1.05E+07	0.301
3124.160	4200	0	29779	0.0032	-0.0007	0.0018	1.11E+07	0.306	1507.740	6199	0	39705	0.0039	-0.0010	0.0020	1.06E+07	0.301
3125.160	4199	0	29827	0.0032	-0.0007	0.0018	1.09E+07	0.306	1508.740	6202	0	39786	0.0039	-0.0010	0.0020	1.06E+07	0.301
3126.160	4201	0	29924	0.0033	-0.0007	0.0018	1.07E+07	0.308	1509.740	6199	0	39818	0.0039	-0.0010	0.0020	1.06E+07	0.300
3127.160	4201	0	29940	0.0033	-0.0007	0.0018	1.06E+07	0.309	1510.740	6199	0	39866	0.0039	-0.0010	0.0020	1.06E+07	0.300
3128.160	4200	0	30004	0.0033	-0.0007	0.0018	1.05E+07	0.309	1511.740	6199	0	39931	0.0039	-0.0010	0.0020	1.05E+07	0.299
3129.160	4201	0	30053	0.0033	-0.0007	0.0018	1.04E+07	0.310	1512.740	6199	0	39995	0.0039	-0.0010	0.0020	1.05E+07	0.298
3130.160	4200	0	30117	0.0033	-0.0007	0.0018	1.04E+07	0.308	1513.740	6200	0	40027	0.0040	-0.0010	0.0020	1.04E+07	0.299
3131.160	4200	0	30181	0.0033	-0.0007	0.0018	1.05E+07	0.310	1514.740	6200	0	40092	0.0039	-0.0010	0.0020	1.04E+07	0.298
3132.160	4202	0	30197	0.0033	-0.0007	0.0018	1.05E+07	0.311	1515.740	6199	0	40156	0.0040	-0.0010	0.0020	1.04E+07	0.298
3133.160	4201	0	30230	0.0033	-0.0008	0.0018	1.06E+07	0.315	1516.740	6201	0	40172	0.0040	-0.0010	0.0020	1.04E+07	0.297
3134.160	4200	0	30278	0.0033	-0.0007	0.0018	1.06E+07	0.314	1517.740	6200	0	40252	0.0040	-0.0010	0.0020	1.03E+07	0.298
3135.160	4200	0	30310	0.0033	-0.0007	0.0018	1.06E+07	0.318	1518.740	6202	0	40317	0.0040	-0.0010	0.0020	1.03E+07	0.296
3136.160	4199	0	30406	0.0033	-0.0007	0.0018	1.05E+07	0.318	1519.740	6199	0	40317	0.0040	-0.0010	0.0020	1.03E+07	0.297
3137.160	4198	0	30423	0.0033	-0.0007	0.0018	1.03E+07	0.317	1520.740	6199	0	40397	0.0040	-0.0010	0.0020	1.03E+07	0.297
3138.160	4199	0	30455	0.0033	-0.0008	0.0018	1.02E+07	0.317	1521.740	6200	0	40462	0.0040	-0.0010	0.0020	1.03E+07	0.298
3139.160	4199	0	30519	0.0033	-0.0008	0.0018	1.02E+07	0.317	1522.740	6199	0	40526	0.0040	-0.0010	0.0020	1.02E+07	0.296
3140.160	4202	0	30583	0.0033	-0.0008	0.0018	1.01E+07	0.316	1523.740	6200	0	40558	0.0040	-0.0010	0.0020	1.02E+07	0.298
3141.160	4201	0	30616	0.0033	-0.0008	0.0018	1.02E+07	0.318	1524.740	6200	0	40590	0.0040	-0.0010	0.0020	1.02E+07	0.298
3142.160	4201	0	30680	0.0033	-0.0008	0.0018	1.02E+07	0.319	1525.740	6201	0	40639	0.0040	-0.0010	0.0020	1.02E+07	0.298
3143.160	4199	0	30728	0.0033	-0.0008	0.0018	1.02E+07	0.319	1526.740	6199	0	40687	0.0040	-0.0010	0.0020	1.01E+07	0.296
3144.160	4200	0	30744	0.0033	-0.0008	0.0018	1.02E+07	0.318	1527.740	6199	0	40735	0.0040	-0.0010	0.0020	1.01E+07	0.297
3145.160	4199	0	30793	0.0033	-0.0008	0.0018	1.02E+07	0.320	1528.740	6199	0	40799	0.0040	-0.0010	0.0020	1.01E+07	0.297
3146.160	4201	0	30857	0.0034	-0.0008	0.0018	1.01E+07	0.319	1529.730	6199	0	40848	0.0040	-0.0010	0.0020	1.02E+07	0.299
3147.160	4198	0	30889	0.0033	-0.0008	0.0018	1.02E+07	0.318	1530.730	6200	0	40912	0.0040	-0.0010	0.0020	1.03E+07	0.302
3148.160	4199	0	30921	0.0033	-0.0008	0.0018	1.02E+07	0.317	1531.730	6200	0	40944	0.0040	-0.0010	0.0020	1.02E+07	0.301
3149.160	4199	0	31002	0.0034	-0.0008	0.0018	1.02E+07	0.317	1532.730	6200	0	40993	0.0040	-0.0010	0.0021	1.02E+07	0.301
3150.150	4200	0	31034	0.0034	-0.0008	0.0018	1.02E+07	0.317	1533.730	6200	0	41041	0.0040	-0.0010	0.0020	1.02E+07	0.301
3151.150	4201	0	31082	0.0034	-0.0008	0.0018	1.02E+07	0.318	1534.730	6199	0	41073	0.0040	-0.0010	0.0021	1.02E+07	0.302
3152.150	4199	0	31098	0.0034	-0.0008	0.0018	1.01E+07	0.318	1535.730	6199	0	41137	0.0041	-0.0010	0.0021	1.03E+07	0.303
3153.150	4199	0	31179	0.0034	-0.0008	0.0018	1.01E+07	0.318	1536.730	6201	0	41186	0.0041	-0.0010	0.0021	1.03E+07	0.304
3154.150	4202	0	31227	0.0034	-0.0008	0.0018	1.01E+07	0.319	1537.730	6203	0	41218	0.0041	-0.0010	0.0021	1.04E+07	0.307
3155.150	4200	0	31275	0.0034	-0.0008	0.0018	1.00E+07	0.317	1538.730	6201	0	41282	0.0041	-0.0010	0.0021	1.04E+07	0.306
3156.150	4199	0	31324	0.0034	-0.0008	0.0018	1.01E+07	0.318	1539.730	6199	0	41330	0.0041	-0.0010	0.0021	1.04E+07	0.303
3157.150	4201	0	31356	0.0034	-0.0008	0.0018	1.02E+07	0.318	1540.730	6199	0	41379	0.0041	-0.0010	0.0021	1.05E+07	0.307
3158.150	4200	0	31372	0.0034	-0.0008	0.0018	1.01E+07	0.318	1541.730	6199	0	41411	0.0041	-0.0010	0.0021	1.05E+07	0.305
3159.150	4200	0	31468	0.0034	-0.0008	0.0018	1.00E+07	0.315	1542.730	6200	0	41491	0.0041	-0.0010	0.0021	1.05E+07	0.306
3160.150	4200	0	31500	0.0034	-0.0008	0.001											

3172.150	4200	0	32031	0.0035	-0.0008	0.0019	9.82E+06	0.310	1555.730	6199	0	42135	0.0041	-0.0010	0.0021	9.25E+06	0.305
3173.150	4199	0	32080	0.0035	-0.0008	0.0019	9.83E+06	0.310	1556.730	6199	0	42167	0.0042	-0.0010	0.0021	9.26E+06	0.307
3174.150	4199	0	32112	0.0035	-0.0008	0.0019	9.82E+06	0.310	1557.730	6199	0	42231	0.0042	-0.0010	0.0021	9.30E+06	0.308
3175.150	4199	0	32144	0.0035	-0.0008	0.0019	9.82E+06	0.311	1558.730	6200	0	42296	0.0042	-0.0010	0.0021	9.31E+06	0.307
3176.150	4200	0	32208	0.0035	-0.0008	0.0019	9.77E+06	0.311	1559.730	6200	0	42312	0.0042	-0.0010	0.0021	9.35E+06	0.308
3177.150	4199	0	32273	0.0035	-0.0008	0.0019	9.80E+06	0.314	1560.720	6200	0	42360	0.0042	-0.0010	0.0021	9.37E+06	0.306
3178.150	4200	0	32305	0.0035	-0.0008	0.0019	9.83E+06	0.315	1561.720	6201	0	42505	0.0042	-0.0010	0.0021	9.40E+06	0.307
3179.150	4200	0	32353	0.0035	-0.0008	0.0019	9.79E+06	0.314	1562.720	6199	0	42714	0.0042	-0.0010	0.0021	9.46E+06	0.307
3180.150	4199	0	32369	0.0035	-0.0008	0.0019	9.84E+06	0.315	1563.720	6199	0	42875	0.0042	-0.0011	0.0021	9.48E+06	0.306
3181.150	4199	0	32434	0.0035	-0.0008	0.0019	9.82E+06	0.314	1564.720	6199	0	43052	0.0042	-0.0011	0.0021	9.50E+06	0.306
3182.140	4200	0	32466	0.0035	-0.0008	0.0019	9.77E+06	0.312	1565.720	6199	0	43229	0.0042	-0.0011	0.0021	9.56E+06	0.306
3183.140	4201	0	32514	0.0035	-0.0008	0.0019	9.79E+06	0.314	1566.720	6200	0	43374	0.0043	-0.0011	0.0021	9.64E+06	0.307
3184.140	4201	0	32595	0.0035	-0.0008	0.0019	9.83E+06	0.314	1567.720	6200	0	43486	0.0043	-0.0011	0.0021	9.71E+06	0.308
3185.140	4200	0	32611	0.0035	-0.0008	0.0019	9.82E+06	0.314	1568.720	6201	0	43615	0.0043	-0.0011	0.0021	9.78E+06	0.308
3186.140	4201	0	32675	0.0035	-0.0008	0.0019	9.89E+06	0.316	1569.720	6200	0	43470	0.0043	-0.0011	0.0021	9.85E+06	0.309
3187.140	4200	0	32691	0.0035	-0.0008	0.0019	9.86E+06	0.315	1570.720	6200	0	43374	0.0043	-0.0011	0.0021	9.91E+06	0.309
3188.140	4200	0	32739	0.0035	-0.0008	0.0019	9.85E+06	0.316	1571.720	6199	0	43309	0.0043	-0.0011	0.0021	9.92E+06	0.309
3189.140	4200	0	32804	0.0035	-0.0008	0.0019	9.88E+06	0.317	1572.720	6200	0	43229	0.0043	-0.0011	0.0021	9.96E+06	0.308
3190.140	4199	0	32836	0.0035	-0.0008	0.0019	9.89E+06	0.315	1573.720	6199	0	43164	0.0043	-0.0011	0.0021	1.00E+07	0.308
3191.140	4199	0	32916	0.0035	-0.0008	0.0019	9.85E+06	0.315	1574.720	6199	0	43164	0.0043	-0.0011	0.0021	1.00E+07	0.309
3192.140	4200	0	32948	0.0036	-0.0008	0.0019	9.82E+06	0.314	1575.720	6200	0	43100	0.0043	-0.0011	0.0021	1.01E+07	0.309
3193.140	4199	0	32964	0.0036	-0.0008	0.0019	9.80E+06	0.315	1576.720	6200	0	43052	0.0043	-0.0011	0.0021	1.01E+07	0.310
3194.140	4198	0	33013	0.0036	-0.0008	0.0019	9.79E+06	0.317	1577.720	6199	0	43052	0.0043	-0.0011	0.0021	1.01E+07	0.310
3195.140	4199	0	33061	0.0036	-0.0008	0.0019	9.77E+06	0.316	1578.720	6199	0	43036	0.0043	-0.0011	0.0021	1.01E+07	0.310
3196.140	4201	0	33109	0.0036	-0.0008	0.0019	9.78E+06	0.316	1579.720	6200	0	43084	0.0043	-0.0011	0.0021	1.02E+07	0.311
3197.140	4200	0	33206	0.0036	-0.0008	0.0019	9.76E+06	0.315	1580.720	6201	0	43164	0.0043	-0.0011	0.0021	1.03E+07	0.312
3198.140	4201	0	33222	0.0036	-0.0008	0.0019	9.82E+06	0.317	1581.720	6199	0	43341	0.0043	-0.0011	0.0021	1.03E+07	0.314
3199.140	4202	0	33270	0.0036	-0.0008	0.0019	9.78E+06	0.315	1582.720	6199	0	43551	0.0043	-0.0011	0.0021	1.04E+07	0.314
3200.140	4200	0	33286	0.0036	-0.0008	0.0019	9.75E+06	0.314	1583.720	6199	0	43663	0.0043	-0.0011	0.0022	1.04E+07	0.312
3201.140	4200	0	33383	0.0036	-0.0008	0.0019	9.76E+06	0.314	1584.720	6201	0	43760	0.0043	-0.0011	0.0022	1.04E+07	0.312
3202.140	4199	0	33399	0.0036	-0.0008	0.0019	9.76E+06	0.314	1585.720	6200	0	43888	0.0043	-0.0011	0.0022	1.05E+07	0.313
3203.140	4200	0	33447	0.0036	-0.0008	0.0019	9.69E+06	0.314	1586.720	6203	0	44001	0.0043	-0.0011	0.0022	1.06E+07	0.315
3204.140	4201	0	33479	0.0036	-0.0009	0.0019	9.68E+06	0.313	1587.720	6199	0	44098	0.0043	-0.0011	0.0022	1.07E+07	0.316
3205.140	4201	0	33544	0.0036	-0.0008	0.0019	9.69E+06	0.314	1588.720	6201	0	44194	0.0044	-0.0011	0.0022	1.08E+07	0.319
3206.140	4199	0	33576	0.0036	-0.0009	0.0019	9.60E+06	0.315	1589.720	6201	0	44274	0.0044	-0.0011	0.0022	1.09E+07	0.319
3207.140	4200	0	33624	0.0036	-0.0009	0.0019	9.67E+06	0.316	1590.720	6200	0	44371	0.0044	-0.0011	0.0022	1.09E+07	0.317
3208.140	4200	0	33672	0.0036	-0.0009	0.0019	9.67E+06	0.316	1591.720	6200	0	44435	0.0044	-0.0011	0.0022	1.10E+07	0.318
3209.140	4200	0	33737	0.0036	-0.0009	0.0019	9.62E+06	0.316	1592.710	6200	0	44532	0.0044	-0.0011	0.0022	1.11E+07	0.318
3210.140	4201	0	33769	0.0036	-0.0009	0.0019	9.60E+06	0.315	1593.710	6199	0	44612	0.0044	-0.0011	0.0022	1.11E+07	0.318
3211.140	4200	0	33817	0.0036	-0.0009	0.0019	9.62E+06	0.316	1594.710	6199	0	44677	0.0044	-0.0011	0.0022	1.12E+07	0.318
3212.140	4200	0	33849	0.0037	-0.0009	0.0019	9.55E+06	0.315	1595.710	6199	0	44773	0.0044	-0.0011	0.0022	1.12E+07	0.318
3213.130	4201	0	33882	0.0037	-0.0009	0.0019	9.57E+06	0.316	1596.710	6200	0	44805	0.0044	-0.0011	0.0022	1.12E+07	0.318
3214.130	4200	0	33978	0.0036	-0.0009	0.0019	9.56E+06	0.315	1597.710	6199	0	44854	0.0044	-0.0011	0.0022	1.12E+07	0.318
3215.130	4200	0	33994	0.0037	-0.0009	0.0019	9.54E+06	0.316	1598.710	6200	0	44934	0.0044	-0.0011	0.0022	1.11E+07	0.319
3216.130	4200	0	34026	0.0037	-0.0009	0.0019	9.54E+06	0.316	1599.710	6201	0	44950	0.0044	-0.0011	0.0022	1.10E+07	0.322
3217.130	4199	0	34091	0.0037	-0.0009	0.0019	9.53E+06	0.316	1600.710	6199	0	44998	0.0044	-0.0011	0.0022	1.09E+07	0.323
3218.130	4199	0	34107	0.0037	-0.0009	0.0019	9.49E+06	0.318	1601.710	6200	0	45015	0.0044	-0.0011	0.0022	1.08E+07	0.323
3219.130	4200	0	34171	0.0037	-0.0009	0.0019	9.50E+06	0.320	1602.710	6201	0	45095	0.0044	-0.0011	0.0022	1.06E+07	0.324
3220.130	4201	0	34219	0.0037	-0.0009	0.0019	9.53E+06	0.322	1603.710	6200	0	45127	0.0044	-0.0011	0.0022	1.05E+07	0.326
3221.130	4200	0	34300	0.0037	-0.0009	0.0019	9.50E+06	0.322	1604.710	6200	0	45175	0.0044	-0.0011	0.0022	1.03E+07	0.327
3222.130	4199	0	34364	0.0037	-0.0009	0.0020	9.51E+06	0.325	1605.710	6201	0	45175	0.0045	-0.0011	0.0022	1.01E+07	0.327
3223.130	4201	0	34412	0.0037	-0.0009	0.0019	9.57E+06	0.326	1606.710	6200	0	45224	0.0045	-0.0011	0.0022	9.85E+06	0.328
3224.130	4199	0	34428	0.0037	-0.0009	0.0020	9.51E+06	0.325	1607.710	6201	0	45240	0.0045	-0.0011	0.0022	9.75E+06	0.330
3225.130	4200	0	34461	0.0037	-0.0009	0.0020	9.52E+06	0.325	1608.710	6201	0	45272	0.0045	-0.0011	0.0022	9.71E+06	0.332
3226.130	4201	0	34541	0.0037	-0.0009	0.0019	9.51E+06	0.326	1609.710	6200	0	45336	0.0045	-0.0011	0.0022	9.69E+06	0.334
3227.130	4200	0	34589	0.0037	-0.0009	0.0020	9.48E+06	0.325	1610.710	6201	0	45385	0.0045	-0.0011	0.0022	9.64E+06	0.337
3228.130	4201	0	34606	0.0037	-0.0009	0.0020	9.47E+06	0.325	1611.710	6200	0	45417	0.0045	-0.0011	0.0022	9.58E+06	0.338
3229.130	4200	0	34670	0.0037	-0.0009	0.0020	9.47E+06	0.326	1612.710	6199	0	45433	0.0045	-0.0011	0.0022	9.53E+06	0.338
3230.130	4200	0	34718	0.0037	-0.0009	0.0020	9.39E+06	0.326	1613.710	6199	0	45433	0.0045	-0.0011	0.0022	9.53E+06	0.342
3231.130	4200	0	34750	0.0037	-0.0009	0.0020	9.46E+06	0.328	1614.710	6200	0	45513	0.0045	-0.0011	0.0022	9.39E+06	0.343
3232.130	4200	0	34831	0.0037	-0.0009	0.0020	9.45E+06	0.329	1615.710	6200	0	45529	0.0045	-0.0011	0.0022	9.33E+06	0.342
3233.130	4199	0	34863	0.0037	-0.0009	0.0020	9.41E+06	0.328	1616.710	6201	0	45594	0.0045	-0.0011	0.0022	9.27E+06	0.342
3234.130	4200	0	34911	0.0038	-0.0009	0.0020	9.46E+06	0.330	1617.710	6200	0	45626	0.0045	-0.0011	0.0022	9.28E+06	0.344
3235.130	4199	0	34976	0.0038	-0.0009	0.0020	9.52E+06	0.330	1618.710	6199	0	45642	0.0045	-0.0011	0.0022	9.26E+06	0.346
3236.130	4200	0	35008	0.0038	-0.0009	0.002											

3248.120	4200	0	35523	0.0038	-0.0009	0.0020	9.65E+06	0.340	1631.700	6200	0	46125	0.0045	-0.0012	0.0022	9.15E+06	0.359
3249.120	4199	0	35587	0.0038	-0.0009	0.0020	9.64E+06	0.341	1632.700	6200	0	46173	0.0046	-0.0012	0.0022	9.15E+06	0.361
3250.120	4201	0	35651	0.0038	-0.0009	0.0020	9.64E+06	0.341	1633.700	6199	0	46205	0.0046	-0.0012	0.0022	9.19E+06	0.362
3251.120	4199	0	35683	0.0038	-0.0009	0.0020	9.67E+06	0.341	1634.700	6199	0	46269	0.0046	-0.0012	0.0022	9.14E+06	0.361
3252.120	4200	0	35748	0.0038	-0.0009	0.0020	9.71E+06	0.342	1635.700	6199	0	46285	0.0046	-0.0012	0.0022	9.17E+06	0.361
3253.120	4197	0	35764	0.0039	-0.0009	0.0020	9.71E+06	0.341	1636.700	6201	0	46334	0.0046	-0.0012	0.0022	9.16E+06	0.360
3254.120	4201	0	35796	0.0039	-0.0009	0.0020	9.66E+06	0.342	1637.700	6200	0	46382	0.0046	-0.0012	0.0022	9.16E+06	0.362
3255.120	4199	0	35828	0.0039	-0.0009	0.0020	9.63E+06	0.341	1638.700	6200	0	46414	0.0046	-0.0012	0.0022	9.24E+06	0.367
3256.120	4198	0	35893	0.0038	-0.0009	0.0020	9.65E+06	0.340	1639.700	6200	0	46446	0.0046	-0.0012	0.0022	9.19E+06	0.366
3257.120	4200	0	35957	0.0039	-0.0009	0.0020	9.60E+06	0.340	1640.700	6200	0	46511	0.0046	-0.0012	0.0022	9.17E+06	0.367
3258.120	4200	0	36021	0.0039	-0.0009	0.0020	9.66E+06	0.340	1641.700	6199	0	46527	0.0046	-0.0012	0.0023	9.12E+06	0.367
3259.120	4201	0	36086	0.0039	-0.0009	0.0020	9.67E+06	0.338	1642.700	6199	0	46591	0.0046	-0.0012	0.0022	9.11E+06	0.368
3260.120	4200	0	36150	0.0039	-0.0009	0.0020	9.61E+06	0.337	1643.700	6199	0	46623	0.0046	-0.0012	0.0023	9.11E+06	0.371
3261.120	4201	0	36198	0.0039	-0.0009	0.0020	9.58E+06	0.338	1644.700	6200	0	46656	0.0046	-0.0012	0.0023	9.09E+06	0.371
3262.120	4200	0	36263	0.0039	-0.0009	0.0020	9.62E+06	0.340	1645.700	6201	0	46720	0.0046	-0.0012	0.0022	9.08E+06	0.374
3263.120	4199	0	36311	0.0039	-0.0009	0.0020	9.57E+06	0.339	1646.700	6201	0	46736	0.0046	-0.0012	0.0023	9.12E+06	0.376
3264.120	4201	0	36375	0.0039	-0.0009	0.0020	9.63E+06	0.341	1647.700	6200	0	46784	0.0046	-0.0012	0.0023	9.09E+06	0.378
3265.120	4199	0	36440	0.0039	-0.0009	0.0020	9.62E+06	0.339	1648.700	6199	0	46816	0.0046	-0.0012	0.0023	9.07E+06	0.379
3266.120	4201	0	36472	0.0039	-0.0010	0.0020	9.54E+06	0.339	1649.700	6199	0	46849	0.0046	-0.0012	0.0023	9.07E+06	0.382
3267.120	4201	0	36568	0.0039	-0.0010	0.0020	9.54E+06	0.338	1650.700	6200	0	46881	0.0046	-0.0012	0.0023	9.10E+06	0.386
3268.120	4200	0	36584	0.0039	-0.0010	0.0020	9.55E+06	0.339	1651.700	6200	0	46929	0.0046	-0.0012	0.0023	9.11E+06	0.389
3269.120	4201	0	36649	0.0039	-0.0010	0.0020	9.54E+06	0.340	1652.700	6199	0	46977	0.0046	-0.0012	0.0023	9.10E+06	0.391
3270.120	4200	0	36713	0.0039	-0.0010	0.0020	9.54E+06	0.342	1653.700	6199	0	47009	0.0047	-0.0012	0.0023	9.09E+06	0.396
3271.120	4200	0	36729	0.0040	-0.0010	0.0020	9.52E+06	0.342	1654.690	6199	0	47058	0.0047	-0.0012	0.0023	9.05E+06	0.398
3272.120	4200	0	36810	0.0040	-0.0010	0.0020	9.47E+06	0.341	1655.690	6199	0	47106	0.0047	-0.0012	0.0023	9.06E+06	0.401
3273.120	4201	0	36874	0.0040	-0.0010	0.0020	9.48E+06	0.344	1656.690	6200	0	47154	0.0047	-0.0012	0.0023	9.05E+06	0.405
3274.120	4198	0	36890	0.0040	-0.0010	0.0020	9.49E+06	0.344	1657.690	6200	0	47186	0.0047	-0.0012	0.0023	9.04E+06	0.408
3275.110	4199	0	36954	0.0040	-0.0010	0.0020	9.46E+06	0.345	1658.690	6199	0	47251	0.0047	-0.0012	0.0023	9.01E+06	0.411
3276.110	4200	0	37051	0.0040	-0.0010	0.0020	9.50E+06	0.345	1659.690	6201	0	47283	0.0047	-0.0012	0.0023	9.00E+06	0.415
3277.110	4200	0	37051	0.0040	-0.0010	0.0020	9.50E+06	0.346	1660.690	6199	0	47363	0.0047	-0.0012	0.0023	9.01E+06	0.418
3278.110	4200	0	37099	0.0040	-0.0010	0.0020	9.44E+06	0.344	1661.690	6198	0	47396	0.0047	-0.0012	0.0023	9.04E+06	0.423
3279.110	4199	0	37131	0.0040	-0.0010	0.0020	9.38E+06	0.345	1662.690	6200	0	47396	0.0047	-0.0012	0.0023	9.00E+06	0.427
3280.110	4199	0	37180	0.0040	-0.0010	0.0020	9.38E+06	0.345	1663.690	6199	0	47444	0.0047	-0.0012	0.0023	8.97E+06	0.429
3281.110	4199	0	37212	0.0040	-0.0010	0.0020	9.32E+06	0.345	1664.690	6201	0	47492	0.0047	-0.0012	0.0023	8.95E+06	0.433
3282.110	4201	0	37292	0.0040	-0.0010	0.0020	9.35E+06	0.348	1665.690	6199	0	47508	0.0047	-0.0012	0.0023	8.92E+06	0.436
3283.110	4200	0	37340	0.0040	-0.0010	0.0021	9.35E+06	0.349	1666.690	6199	0	47573	0.0047	-0.0012	0.0023	8.91E+06	0.440
3284.110	4199	0	37405	0.0040	-0.0010	0.0021	9.30E+06	0.350	1667.690	6199	0	47573	0.0047	-0.0012	0.0023	8.91E+06	0.443
3285.110	4200	0	37437	0.0040	-0.0010	0.0021	9.32E+06	0.352	1668.690	6201	0	47621	0.0047	-0.0012	0.0023	8.88E+06	0.446
3286.110	4199	0	37469	0.0040	-0.0010	0.0020	9.34E+06	0.354	1669.690	6201	0	47701	0.0047	-0.0012	0.0023	8.84E+06	0.448
3287.110	4201	0	37517	0.0040	-0.0010	0.0020	9.28E+06	0.355	1670.690	6199	0	47701	0.0047	-0.0012	0.0023	8.79E+06	0.449
3288.110	4201	0	37566	0.0040	-0.0010	0.0021	9.30E+06	0.355	1671.690	6200	0	47749	0.0047	-0.0012	0.0023	8.79E+06	0.453
3289.110	4200	0	37598	0.0040	-0.0010	0.0021	9.34E+06	0.359	1672.690	6199	0	47782	0.0047	-0.0012	0.0023	8.75E+06	0.454
3290.110	4200	0	37646	0.0041	-0.0010	0.0021	9.33E+06	0.360	1673.690	6199	0	47830	0.0047	-0.0012	0.0023	8.72E+06	0.457
3291.110	4200	0	37694	0.0041	-0.0010	0.0021	9.34E+06	0.361	1674.690	6201	0	47878	0.0047	-0.0012	0.0023	8.70E+06	0.461
3292.110	4201	0	37759	0.0041	-0.0010	0.0021	9.39E+06	0.364	1675.690	6200	0	47910	0.0047	-0.0012	0.0023	8.68E+06	0.464
3293.110	4201	0	37775	0.0040	-0.0010	0.0021	9.40E+06	0.368	1676.690	6200	0	47959	0.0048	-0.0012	0.0023	8.69E+06	0.466
3294.110	4201	0	37823	0.0041	-0.0010	0.0021	9.43E+06	0.371	1677.690	6201	0	48007	0.0048	-0.0012	0.0023	8.67E+06	0.470
3295.110	4199	0	37871	0.0041	-0.0010	0.0021	9.48E+06	0.374	1678.690	6199	0	48039	0.0048	-0.0012	0.0023	8.65E+06	0.473
3296.110	4200	0	37936	0.0041	-0.0010	0.0021	9.51E+06	0.377	1679.690	6200	0	48071	0.0048	-0.0012	0.0023	8.66E+06	0.479
3297.110	4200	0	37984	0.0041	-0.0010	0.0021	9.46E+06	0.379	1680.690	6200	0	48120	0.0048	-0.0013	0.0023	8.59E+06	0.480
3298.110	4200	0	38048	0.0041	-0.0010	0.0021	9.50E+06	0.382	1681.690	6200	0	48168	0.0048	-0.0013	0.0023	8.54E+06	0.482
3299.110	4200	0	38048	0.0041	-0.0010	0.0021	9.50E+06	0.384	1682.690	6200	0	48200	0.0048	-0.0013	0.0023	8.51E+06	0.484
3300.110	4198	0	38097	0.0041	-0.0010	0.0021	9.44E+06	0.386	1683.690	6200	0	48216	0.0048	-0.0013	0.0023	8.48E+06	0.486
3301.110	4200	0	38161	0.0041	-0.0010	0.0021	9.49E+06	0.390	1684.690	6200	0	48280	0.0048	-0.0013	0.0023	8.47E+06	0.489
3302.110	4200	0	38193	0.0041	-0.0010	0.0021	9.49E+06	0.392	1685.680	6199	0	48313	0.0048	-0.0013	0.0023	8.46E+06	0.492
3303.110	4199	0	38241	0.0041	-0.0010	0.0021	9.52E+06	0.397	1686.680	6200	0	48361	0.0048	-0.0013	0.0023	8.44E+06	0.492
3304.110	4199	0	38257	0.0041	-0.0010	0.0021	9.55E+06	0.399	1687.680	6199	0	48377	0.0048	-0.0013	0.0023	8.42E+06	0.492
3305.110	4200	0	38322	0.0041	-0.0010	0.0021	9.50E+06	0.402	1688.680	6201	0	48409	0.0048	-0.0013	0.0023	8.41E+06	0.495
3306.100	4199	0	38354	0.0041	-0.0010	0.0021	9.50E+06	0.406	1689.680	6201	0	48457	0.0048	-0.0013	0.0023	8.40E+06	0.499
3307.100	4200	0	38402	0.0041	-0.0010	0.0021	9.50E+06	0.408	1690.680	6199	0	48506	0.0048	-0.0013	0.0023	8.37E+06	0.499
3308.100	4198	0	38451	0.0041	-0.0010	0.0021	9.42E+06	0.409	1691.680	6199	0	48522	0.0048	-0.0013	0.0023	8.38E+06	0.503
3309.100	4199	0	38483	0.0041	-0.0010	0.0021	9.38E+06	0.411	1692.680	6201	0	48570	0.0048	-0.0013	0.0023	8.30E+06	0.500
3310.100	4200	0	38563	0.0041	-0.0010	0.0021	9.39E+06	0.415	1693.680	6200	0	48618	0.0048	-0.0013	0.0023	8.23E+06	0.503
3311.100	4199	0	38579	0.0041	-0.0010	0.0021	9.34E+06	0.417	1694.680	6201	0	48683	0.0048	-0.0013	0.0023	8.19E+06	0.506
3312.100	4201	0	38595	0.0041	-0.0010	0.002											

3324.100	4199	0	39158	0.0042	-0.0011	0.0021	8.92E+06	0.458	1707.680	6200	0	49181	0.0049	-0.0013	0.0023	7.99E+06	0.547
3325.100	4199	0	39191	0.0042	-0.0011	0.0021	8.95E+06	0.462	1708.680	6200	0	49230	0.0049	-0.0013	0.0023	7.95E+06	0.550
3326.100	4200	0	39239	0.0042	-0.0011	0.0021	8.94E+06	0.468	1709.680	6200	0	49278	0.0049	-0.0013	0.0023	7.91E+06	0.554
3327.100	4201	0	39255	0.0042	-0.0011	0.0021	8.92E+06	0.473	1710.680	6201	0	49294	0.0049	-0.0013	0.0023	7.88E+06	0.555
3328.100	4198	0	39335	0.0042	-0.0011	0.0021	8.93E+06	0.478	1711.680	6201	0	49358	0.0049	-0.0013	0.0023	7.81E+06	0.553
3329.100	4200	0	39368	0.0042	-0.0011	0.0021	8.87E+06	0.481	1712.680	6199	0	49391	0.0049	-0.0013	0.0023	7.79E+06	0.556
3330.100	4199	0	39416	0.0042	-0.0011	0.0021	8.81E+06	0.486	1713.680	6199	0	49455	0.0049	-0.0013	0.0023	7.74E+06	0.557
3331.100	4200	0	39464	0.0042	-0.0011	0.0021	8.81E+06	0.490	1714.680	6200	0	49487	0.0049	-0.0013	0.0023	7.68E+06	0.557
3332.100	4202	0	39464	0.0042	-0.0011	0.0021	8.75E+06	0.493	1715.680	6201	0	49519	0.0049	-0.0013	0.0023	7.69E+06	0.560
3333.100	4202	0	39528	0.0043	-0.0011	0.0021	8.71E+06	0.498	1716.680	6201	0	49535	0.0049	-0.0013	0.0023	7.68E+06	0.563
3334.100	4199	0	39545	0.0042	-0.0011	0.0021	8.67E+06	0.502	1717.670	6199	0	49584	0.0050	-0.0013	0.0023	7.65E+06	0.566
3335.100	4199	0	39593	0.0042	-0.0011	0.0021	8.58E+06	0.505	1718.670	6199	0	49616	0.0050	-0.0013	0.0023	7.66E+06	0.570
3336.100	4199	0	39689	0.0043	-0.0011	0.0021	8.56E+06	0.510	1719.670	6199	0	49648	0.0050	-0.0014	0.0023	7.63E+06	0.571
3337.090	4199	0	39722	0.0043	-0.0011	0.0021	8.58E+06	0.514	1720.670	6199	0	49696	0.0050	-0.0014	0.0023	7.59E+06	0.573
3338.090	4200	0	39786	0.0043	-0.0011	0.0021	8.54E+06	0.517	1721.670	6199	0	49728	0.0050	-0.0014	0.0023	7.61E+06	0.575
3339.090	4202	0	39802	0.0043	-0.0011	0.0021	8.52E+06	0.517	1722.670	6200	0	49761	0.0050	-0.0014	0.0023	7.60E+06	0.579
3340.090	4200	0	39898	0.0043	-0.0011	0.0021	8.48E+06	0.518	1723.670	6199	0	49809	0.0050	-0.0014	0.0023	7.55E+06	0.580
3341.090	4199	0	39898	0.0043	-0.0011	0.0021	8.44E+06	0.519	1724.670	6199	0	49841	0.0050	-0.0014	0.0023	7.59E+06	0.585
3342.090	4199	0	39995	0.0043	-0.0011	0.0021	8.43E+06	0.520	1725.670	6200	0	49889	0.0050	-0.0014	0.0023	7.57E+06	0.588
3343.090	4200	0	40043	0.0043	-0.0011	0.0021	8.49E+06	0.524	1726.670	6201	0	49905	0.0050	-0.0014	0.0023	7.55E+06	0.589
3344.090	4200	0	40075	0.0043	-0.0011	0.0021	8.48E+06	0.528	1727.670	6199	0	49954	0.0050	-0.0014	0.0023	7.56E+06	0.592
3345.090	4200	0	40124	0.0043	-0.0011	0.0021	8.47E+06	0.531	1728.670	6199	0	49986	0.0050	-0.0014	0.0022	7.55E+06	0.595
3346.090	4202	0	40204	0.0043	-0.0011	0.0021	8.45E+06	0.533	1729.670	6201	0	50034	0.0050	-0.0014	0.0023	7.55E+06	0.597
3347.090	4200	0	40204	0.0043	-0.0011	0.0021	8.40E+06	0.536	1730.670	6199	0	50050	0.0050	-0.0014	0.0023	7.55E+06	0.603
3348.090	4199	0	40236	0.0043	-0.0011	0.0021	8.36E+06	0.536	1731.670	6200	0	50114	0.0050	-0.0014	0.0023	7.51E+06	0.603
3349.090	4199	0	40301	0.0043	-0.0011	0.0021	8.40E+06	0.540	1732.670	6200	0	50163	0.0050	-0.0014	0.0022	7.52E+06	0.607
3350.090	4200	0	40381	0.0043	-0.0011	0.0021	8.39E+06	0.542	1733.670	6200	0	50163	0.0050	-0.0014	0.0022	7.51E+06	0.608
3351.090	4201	0	40397	0.0043	-0.0011	0.0021	8.33E+06	0.541	1734.670	6202	0	50195	0.0050	-0.0014	0.0022	7.47E+06	0.609
3352.090	4201	0	40429	0.0044	-0.0011	0.0021	8.32E+06	0.544	1735.670	6202	0	50259	0.0050	-0.0014	0.0023	7.43E+06	0.608
3353.090	4200	0	40494	0.0043	-0.0011	0.0021	8.25E+06	0.544	1736.670	6200	0	50291	0.0051	-0.0014	0.0023	7.42E+06	0.612
3354.090	4199	0	40494	0.0044	-0.0011	0.0021	8.30E+06	0.549	1737.670	6199	0	50307	0.0051	-0.0014	0.0022	7.40E+06	0.612
3355.090	4200	0	40558	0.0044	-0.0011	0.0021	8.36E+06	0.554	1738.670	6199	0	50356	0.0051	-0.0014	0.0022	7.38E+06	0.614
3356.090	4199	0	40606	0.0044	-0.0011	0.0021	8.32E+06	0.552	1739.670	6199	0	50388	0.0051	-0.0014	0.0023	7.44E+06	0.620
3357.090	4199	0	40655	0.0044	-0.0012	0.0021	8.34E+06	0.556	1740.670	6200	0	50436	0.0051	-0.0014	0.0022	7.40E+06	0.618
3358.090	4201	0	40703	0.0044	-0.0012	0.0021	8.29E+06	0.558	1741.670	6199	0	50468	0.0051	-0.0014	0.0022	7.40E+06	0.620
3359.090	4201	0	40703	0.0044	-0.0012	0.0021	8.17E+06	0.554	1742.670	6200	0	50485	0.0051	-0.0014	0.0022	7.44E+06	0.626
3360.090	4199	0	40751	0.0044	-0.0012	0.0021	8.08E+06	0.557	1743.670	6202	0	50517	0.0051	-0.0014	0.0022	7.40E+06	0.626
3360.100	4199	0	40767	0.0044	-0.0012	0.0021	8.14E+06	0.570	1744.670	6200	0	50565	0.0051	-0.0014	0.0022	7.33E+06	0.625
									1745.670	6199	0	50581	0.0051	-0.0014	0.0022	7.31E+06	0.628
									1746.670	6200	0	50629	0.0051	-0.0014	0.0022	7.29E+06	0.629
									1747.670	6200	0	50661	0.0051	-0.0014	0.0022	7.27E+06	0.631
									1748.660	6201	0	50694	0.0051	-0.0014	0.0022	7.32E+06	0.638
									1749.660	6201	0	50758	0.0051	-0.0014	0.0022	7.31E+06	0.641
									1750.660	6199	0	50774	0.0051	-0.0014	0.0022	7.28E+06	0.643
									1751.660	6201	0	50790	0.0051	-0.0014	0.0022	7.28E+06	0.647
									1752.660	6199	0	50838	0.0051	-0.0014	0.0022	7.26E+06	0.651
									1753.660	6199	0	50903	0.0051	-0.0015	0.0022	7.25E+06	0.654
									1754.660	6199	0	50919	0.0051	-0.0015	0.0022	7.25E+06	0.661
									1755.660	6200	0	50935	0.0051	-0.0015	0.0022	7.23E+06	0.663
									1756.660	6199	0	50983	0.0051	-0.0015	0.0022	7.15E+06	0.662
									1757.660	6199	0	51031	0.0051	-0.0015	0.0022	7.17E+06	0.668
									1758.660	6201	0	51048	0.0051	-0.0015	0.0022	7.12E+06	0.669
									1759.660	6201	0	51080	0.0052	-0.0015	0.0022	7.09E+06	0.672
									1760.660	6201	0	51112	0.0052	-0.0015	0.0022	7.07E+06	0.675
									1761.660	6199	0	51160	0.0052	-0.0015	0.0022	7.03E+06	0.677
									1762.660	6199	0	51208	0.0052	-0.0015	0.0022	6.98E+06	0.674
									1763.660	6200	0	51241	0.0052	-0.0015	0.0022	7.00E+06	0.681
									1764.660	6200	0	51273	0.0052	-0.0015	0.0022	6.99E+06	0.684
									1765.660	6199	0	51337	0.0052	-0.0015	0.0022	6.91E+06	0.682
									1766.660	6201	0	51369	0.0052	-0.0015	0.0022	6.90E+06	0.685
									1767.660	6199	0	51369	0.0052	-0.0015	0.0022	6.89E+06	0.689
									1768.660	6199	0	51402	0.0052	-0.0015	0.0022	6.86E+06	0.689
									1769.660	6200	0	51450	0.0052	-0.0015	0.0022	6.85E+06	0.692
									1770.660	6201	0	51482	0.0052	-0.0015	0.0022	6.77E+06	0.691
									1771.660	6200	0	51530	0.0052	-0.0015	0.0022	6.76E+06	0.694
									1772.660	6200	0	51578	0.0052	-0.0015	0.0022	6.75E+06	0.697
									1773.660	6200	0	51595	0.0052	-0.0015	0.0022	6.70E+06	0.701
									1774.660	6200	0	51643	0.0052	-0.0015	0.0022	6.68E+06	0.704
									1775.660	6199	0	51643	0.0052	-0.0015	0.0022	6.70E+06	0.710
									1776.660	6200	0	51675	0.0052	-0.0015	0.0022	6.68E+06	0.714
									1777.660	6199	0	51723	0.0052	-0.0015	0.0022	6.66E+06	0.717
									1778.660	6200	0	51772	0.0052	-0.0015	0.0022	6.66E+06	0.722
									1779.650	6200	0	51772	0.0053	-0.0015	0.0022	6.62E+06	0.725
									1780.650	6199	0	51804	0.0053	-0.0015	0.0022	6.59E+06	0.729
									1781.650	6200	0	51852	0.0053	-0.0015	0.0022	6.56E+06	0.731
									1782.650	6200	0	51868	0.0052	-0.0015	0.0		

1783.650	6200	0	51916	0.0053	-0.0016	0.0022	6.52E+06	0.738
1784.650	6200	0	51965	0.0053	-0.0016	0.0022	6.51E+06	0.742
1785.650	6200	0	51997	0.0053	-0.0016	0.0022	6.50E+06	0.744
1786.650	6198	0	52013	0.0053	-0.0016	0.0022	6.43E+06	0.745
1787.650	6199	0	52061	0.0053	-0.0016	0.0022	6.41E+06	0.748
1788.650	6201	0	52093	0.0053	-0.0016	0.0021	6.38E+06	0.750
1789.650	6199	0	52125	0.0053	-0.0016	0.0021	6.36E+06	0.754
1790.650	6199	0	52142	0.0053	-0.0016	0.0022	6.37E+06	0.763
1791.650	6200	0	52190	0.0053	-0.0016	0.0022	6.36E+06	0.767
1792.650	6202	0	52190	0.0053	-0.0016	0.0021	6.32E+06	0.767
1793.650	6200	0	52270	0.0053	-0.0016	0.0021	6.33E+06	0.775
1794.650	6199	0	52270	0.0053	-0.0016	0.0021	6.34E+06	0.783
1795.650	6199	0	52286	0.0053	-0.0016	0.0021	6.30E+06	0.783
1796.650	6202	0	52335	0.0053	-0.0016	0.0021	6.31E+06	0.790
1797.650	6199	0	52367	0.0053	-0.0016	0.0021	6.28E+06	0.793
1798.650	6200	0	52367	0.0054	-0.0016	0.0021	6.26E+06	0.795
1799.650	6199	0	52431	0.0053	-0.0016	0.0021	6.28E+06	0.802
1800.650	6201	0	52447	0.0054	-0.0016	0.0021	6.23E+06	0.800
1801.650	6199	0	52463	0.0054	-0.0016	0.0021	6.20E+06	0.803
1802.650	6200	0	52528	0.0054	-0.0016	0.0021	6.20E+06	0.808
1803.650	6200	0	52544	0.0054	-0.0016	0.0021	6.17E+06	0.810
1804.650	6200	0	52560	0.0054	-0.0016	0.0021	6.16E+06	0.816
1805.650	6199	0	52576	0.0054	-0.0016	0.0021	6.18E+06	0.823
1806.650	6200	0	52640	0.0054	-0.0016	0.0021	6.15E+06	0.825
1807.650	6201	0	52672	0.0054	-0.0016	0.0021	6.12E+06	0.827
1808.650	6200	0	52689	0.0054	-0.0017	0.0021	6.17E+06	0.839
1809.650	6199	0	52721	0.0054	-0.0017	0.0021	6.11E+06	0.838
1810.650	6199	0	52769	0.0054	-0.0017	0.0021	6.10E+06	0.843
1811.640	6198	0	52753	0.0054	-0.0017	0.0021	6.12E+06	0.850
1812.640	6199	0	52817	0.0054	-0.0017	0.0021	6.07E+06	0.848
1813.640	6199	0	52849	0.0054	-0.0017	0.0021	6.05E+06	0.849
1814.640	6200	0	52882	0.0054	-0.0017	0.0021	6.09E+06	0.858
1815.640	6199	0	52882	0.0054	-0.0017	0.0021	6.09E+06	0.863
1816.640	6200	0	52946	0.0054	-0.0017	0.0021	6.03E+06	0.861
1817.640	6200	0	52946	0.0054	-0.0017	0.0021	6.03E+06	0.865
1818.640	6200	0	52978	0.0054	-0.0017	0.0021	6.00E+06	0.868
1819.640	6199	0	53042	0.0054	-0.0017	0.0021	5.98E+06	0.869
1820.640	6200	0	53091	0.0055	-0.0017	0.0021	5.98E+06	0.874
1821.640	6201	0	53091	0.0055	-0.0017	0.0020	5.92E+06	0.874
1822.640	6199	0	53123	0.0055	-0.0017	0.0020	5.93E+06	0.880
1823.640	6201	0	53139	0.0055	-0.0017	0.0020	5.93E+06	0.883
1824.640	6200	0	53187	0.0055	-0.0017	0.0020	5.83E+06	0.878
1825.640	6201	0	53219	0.0055	-0.0017	0.0020	5.79E+06	0.877
1826.640	6199	0	53252	0.0055	-0.0017	0.0020	5.78E+06	0.882
1827.640	6199	0	53284	0.0055	-0.0017	0.0020	5.77E+06	0.888
1828.640	6199	0	53332	0.0055	-0.0017	0.0020	5.73E+06	0.889
1829.640	6199	0	53332	0.0055	-0.0017	0.0020	5.74E+06	0.894
1830.640	6200	0	53380	0.0055	-0.0017	0.0020	5.72E+06	0.898
1831.640	6199	0	53429	0.0055	-0.0018	0.0020	5.71E+06	0.903
1832.640	6200	0	53429	0.0055	-0.0018	0.0020	5.71E+06	0.908
1833.640	6199	0	53477	0.0055	-0.0018	0.0020	5.69E+06	0.910
1834.640	6200	0	53493	0.0055	-0.0018	0.0020	5.65E+06	0.912
1835.640	6199	0	53509	0.0055	-0.0018	0.0020	5.66E+06	0.920
1836.640	6199	0	53557	0.0055	-0.0018	0.0020	5.65E+06	0.921
1837.640	6199	0	53589	0.0056	-0.0018	0.0020	5.60E+06	0.921
1838.640	6200	0	53622	0.0056	-0.0018	0.0020	5.60E+06	0.926
1839.640	6199	0	53654	0.0056	-0.0018	0.0020	5.58E+06	0.930
1840.640	6200	0	53670	0.0056	-0.0018	0.0020	5.58E+06	0.933
1841.640	6199	0	53702	0.0056	-0.0018	0.0020	5.57E+06	0.938
1842.630	6200	0	53734	0.0056	-0.0018	0.0020	5.56E+06	0.943
1843.630	6202	0	53766	0.0056	-0.0018	0.0020	5.52E+06	0.944
1844.630	6199	0	53799	0.0056	-0.0018	0.0019	5.54E+06	0.954
1845.630	6199	0	53815	0.0056	-0.0018	0.0019	5.53E+06	0.958
1846.630	6198	0	53831	0.0056	-0.0018	0.0019	5.52E+06	0.962
1847.630	6199	0	53863	0.0056	-0.0018	0.0019	5.55E+06	0.974
1848.630	6200	0	53927	0.0056	-0.0018	0.0019	5.54E+06	0.982
1849.630	6201	0	53927	0.0056	-0.0018	0.0019	5.53E+06	0.988
1850.630	6199	0	53943	0.0056	-0.0018	0.0019	5.51E+06	0.991
1851.630	6199	0	53976	0.0056	-0.0019	0.0019	5.45E+06	0.990
1852.630	6200	0	54024	0.0056	-0.0019	0.0019	5.47E+06	1.000
1853.630	6199	0	54008	0.0056	-0.0019	0.0019	5.46E+06	1.005
1854.630	6200	0	54072	0.0056	-0.0019	0.0019	5.43E+06	1.003
1855.630	6199	0	54088	0.0056	-0.0019	0.0019	5.42E+06	1.009
1856.630	6199	0	54120	0.0056	-0.0019	0.0019	5.44E+06	1.021
1857.630	6201	0	54169	0.0057	-0.0019	0.0019	5.38E+06	1.018
1858.630	6200	0	54185	0.0057	-0.0019	0.0019	5.41E+06	1.031

1859.630	6199	0	54185	0.0057	-0.0019	0.0019	5.42E+06	1.037
1860.630	6200	0	54217	0.0057	-0.0019	0.0019	5.40E+06	1.043
1861.630	6202	0	54281	0.0057	-0.0019	0.0019	5.37E+06	1.046
1862.630	6200	0	54281	0.0057	-0.0019	0.0019	5.40E+06	1.059
1863.630	6201	0	54313	0.0057	-0.0019	0.0019	5.34E+06	1.055
1864.630	6199	0	54346	0.0057	-0.0019	0.0018	5.36E+06	1.065
1865.630	6200	0	54394	0.0057	-0.0019	0.0018	5.33E+06	1.069
1866.630	6201	0	54410	0.0057	-0.0019	0.0018	5.30E+06	1.073
1867.630	6200	0	54442	0.0057	-0.0019	0.0018	5.25E+06	1.072
1868.630	6199	0	54442	0.0057	-0.0019	0.0018	5.26E+06	1.081
1869.630	6199	0	54490	0.0057	-0.0019	0.0018	5.19E+06	1.078
1870.630	6200	0	54507	0.0057	-0.0020	0.0018	5.18E+06	1.083
1871.630	6201	0	54490	0.0057	-0.0020	0.0018	5.15E+06	1.088
1872.630	6199	0	54571	0.0057	-0.0020	0.0018	5.12E+06	1.094
1873.620	6200	0	54587	0.0057	-0.0020	0.0018	5.06E+06	1.094
1874.620	6199	0	54619	0.0057	-0.0020	0.0018	5.07E+06	1.104
1875.620	6199	0	54635	0.0057	-0.0020	0.0018	4.99E+06	1.096
1876.620	6199	0	54651	0.0058	-0.0020	0.0018	4.92E+06	1.092
1877.620	6201	0	54667	0.0057	-0.0020	0.0018	4.91E+06	1.100
1878.620	6200	0	54716	0.0058	-0.0020	0.0018	4.90E+06	1.103
1879.620	6200	0	54764	0.0058	-0.0020	0.0018	4.84E+06	1.100
1880.620	6200	0	54764	0.0058	-0.0020	0.0017	4.82E+06	1.105
1881.620	6200	0	54780	0.0058	-0.0020	0.0017	4.79E+06	1.107
1882.620	6201	0	54780	0.0058	-0.0020	0.0017	4.73E+06	1.108
1883.620	6200	0	54828	0.0058	-0.0020	0.0017	4.71E+06	1.112
1884.620	6200	0	54877	0.0058	-0.0020	0.0017	4.67E+06	1.111
1885.620	6201	0	54877	0.0058	-0.0020	0.0017	4.65E+06	1.115
1886.620	6200	0	54925	0.0058	-0.0020	0.0017	4.65E+06	1.126
1887.620	6199	0	54909	0.0058	-0.0020	0.0017	4.61E+06	1.124
1888.620	6199	0	54941	0.0058	-0.0021	0.0017	4.59E+06	1.128
1889.620	6201	0	54973	0.0058	-0.0021	0.0017	4.59E+06	1.135
1890.620	6199	0	54973	0.0058	-0.0021	0.0017	4.57E+06	1.140
1891.620	6200	0	55005	0.0058	-0.0021	0.0017	4.54E+06	1.138
1892.620	6200	0	55037	0.0058	-0.0021	0.0017	4.51E+06	1.139
1893.620	6199	0	55054	0.0058	-0.0021	0.0017	4.47E+06	1.137
1894.620	6199	0	55070	0.0058	-0.0021	0.0017	4.44E+06	1.137
1895.620	6200	0	55102	0.0058	-0.0021	0.0017	4.44E+06	1.144
1896.620	6199	0	55118	0.0058	-0.0021	0.0016	4.42E+06	1.143
1897.620	6201	0	55118	0.0058	-0.0021	0.0016	4.40E+06	1.146
1898.620	6199	0	55150	0.0059	-0.0021	0.0016	4.40E+06	1.151
1899.620	6200	0	55182	0.0059	-0.0021	0.0016	4.38E+06	1.156
1900.620	6201	0	55214	0.0059	-0.0021	0.0016	4.39E+06	1.162
1901.620	6201	0	55182	0.0059	-0.0021	0.0016	4.39E+06	1.169
1902.620	6200	0	55247	0.0059	-0.0021	0.0016	4.37E+06	1.170
1903.620	6200	0	55295	0.0059	-0.0021	0.0016	4.37E+06	1.182
1904.610	6200	0	55311	0.0059	-0.0021	0.0016	4.36E+06	1.184
1905.610	6200	0	55311	0.0059	-0.0021	0.0016	4.34E+06	1.183
1906.610	6200	0	55327	0.0059	-0.0022	0.0016	4.36E+06	1.192
1907.610	6200	0	55311	0.0059	-0.0022	0.0016	4.36E+06	1.198
1908.610	6199	0	55375	0.0059	-0.0022	0.0016	4.30E+06	1.191
1909.610	6199	0	55391	0.0059	-0.0022	0.0016	4.35E+06	1.206
1910.610	6200	0	55440	0.0059	-0.0022	0.0016	4.38E+06	1.217
1911.610	6200	0	55440	0.0059	-0.0022	0.0015	4.35E+06	1.217
1912.610	6199	0	55472	0.0059	-0.0022	0.0015	4.33E+06	1.214
1913.610	6202	0	55456	0.0059	-0.0022	0.0015	4.38E+06	1.230
1914.610	6199	0	55520	0.0059	-0.0022	0.0015	4.33E+06	1.225
1915.610	6201	0	55536	0.0059	-0.0022	0.0015	4.33E+06	1.233
1916.610	6199	0	55536	0.0059	-0.0022	0.0015	4.32E+06	1.243
1917.610	6199	0	55568	0.0060	-0.0022	0.0015	4.28E+06	1.244
1918.610	6200	0	55552	0.0060	-0.0022	0.0015	4.27E+06	1.249
1919.610	6202	0	55600	0.0060	-0.0022	0.0015	4.24E+06	1.253
1920.610	6200	0	55617	0.0060	-0.0022	0.0015	4.21E+06	1.254
1921.610	6199	0	55665	0.0060	-0.0022	0.0015	4.19E+06	1.263
1922.610	6200	0	55681	0.0060	-0.0022	0.0015	4.15E+06	1.264
1923.610	6201	0	55697	0.0060	-0.0023	0.0015	4.13E+06	1.274
1924.610	6199	0	55697	0.0060	-0.0023	0.0015	4.11E+06	1.279
1925.610	6200	0	55745	0.0060	-0.0023	0.0014	4.09E+06	1.284
1926.610	6200	0	55761	0.0060	-0.0023	0.0014	4.04E+06	1.275
1927.610	6200	0	55777	0.0060	-0.0023	0.0014	3.97E+06	1.278
1928.610	6200	0	55777	0.0060	-0.0023	0.0014	3.98E+06	1.295
1929.610	6199	0	55810	0.0060	-0.0023	0.0014	3.96E+06	1.300
1930.610	6199	0	55826	0.0060	-0.0023	0.0014	3.96E+06	1.310
1931.610	6200	0	55858	0.0060	-0.0023	0.0014	3.93E+06	1.310
1932.610	6200	0	55890	0.0060	-0.0023	0.0014	3.88E+06	1.308
1933.610	6199	0	55906	0.0060	-0.0023	0.0014	3.81E+06	1.302
1934.610	6199	0	55938	0.0060	-0.0023	0.0014	3.77E+06	1.306

1935.600	6199	0	55938	0.0060	-0.0023	0.0014	3.72E+06	1.304
1936.600	6199	0	55954	0.0061	-0.0023	0.0014	3.72E+06	1.314
1937.600	6200	0	55971	0.0060	-0.0023	0.0014	3.66E+06	1.313
1938.600	6201	0	56035	0.0060	-0.0024	0.0013	3.63E+06	1.311
1939.600	6200	0	56019	0.0061	-0.0024	0.0013	3.60E+06	1.324
1940.600	6200	0	56019	0.0061	-0.0024	0.0013	3.59E+06	1.338
1941.600	6201	0	56019	0.0061	-0.0024	0.0013	3.53E+06	1.336
1942.600	6202	0	56051	0.0061	-0.0024	0.0013	3.49E+06	1.335
1943.600	6199	0	56083	0.0061	-0.0024	0.0013	3.47E+06	1.343
1944.600	6201	0	56083	0.0061	-0.0024	0.0013	3.41E+06	1.346
1945.600	6200	0	56131	0.0061	-0.0024	0.0013	3.37E+06	1.348
1946.600	6199	0	56099	0.0061	-0.0024	0.0013	3.34E+06	1.357
1947.600	6199	0	56164	0.0061	-0.0024	0.0013	3.31E+06	1.362
1948.600	6199	0	56164	0.0061	-0.0024	0.0012	3.29E+06	1.364
1949.600	6199	0	56180	0.0061	-0.0024	0.0012	3.25E+06	1.362
1950.600	6200	0	56228	0.0061	-0.0024	0.0012	3.21E+06	1.359
1951.600	6200	0	56244	0.0061	-0.0024	0.0012	3.19E+06	1.363
1952.600	6199	0	56212	0.0061	-0.0025	0.0012	3.20E+06	1.380
1953.600	6201	0	56244	0.0061	-0.0025	0.0012	3.17E+06	1.384
1954.600	6199	0	56260	0.0061	-0.0025	0.0012	3.16E+06	1.399
1955.600	6199	0	56276	0.0061	-0.0025	0.0012	3.15E+06	1.406
1956.600	6200	0	56341	0.0061	-0.0025	0.0012	3.13E+06	1.411
1957.600	6201	0	56324	0.0061	-0.0025	0.0012	3.10E+06	1.420
1958.600	6200	0	56341	0.0062	-0.0025	0.0012	3.08E+06	1.430
1959.600	6200	0	56341	0.0062	-0.0025	0.0012	3.02E+06	1.426
1960.600	6199	0	56373	0.0062	-0.0025	0.0011	3.02E+06	1.437
1961.600	6199	0	56373	0.0062	-0.0025	0.0011	3.00E+06	1.441
1962.600	6200	0	56389	0.0062	-0.0025	0.0011	2.95E+06	1.434
1963.600	6199	0	56437	0.0062	-0.0025	0.0011	2.92E+06	1.434
1964.600	6201	0	56421	0.0062	-0.0025	0.0011	2.93E+06	1.451
1965.600	6200	0	56421	0.0062	-0.0026	0.0011	2.90E+06	1.455
1966.590	6199	0	56437	0.0062	-0.0026	0.0011	2.86E+06	1.460
1967.590	6201	0	56485	0.0062	-0.0026	0.0011	2.85E+06	1.479
1968.590	6199	0	56469	0.0062	-0.0026	0.0010	2.80E+06	1.475
1969.590	6199	0	56485	0.0062	-0.0026	0.0010	2.77E+06	1.486
1970.590	6199	0	56518	0.0062	-0.0026	0.0010	2.71E+06	1.488
1971.590	6201	0	56518	0.0062	-0.0026	0.0010	2.69E+06	1.496
1972.590	6199	0	56534	0.0062	-0.0026	0.0010	2.63E+06	1.502
1973.590	6201	0	56582	0.0062	-0.0026	0.0010	2.59E+06	1.505
1974.590	6199	0	56582	0.0062	-0.0026	0.0010	2.52E+06	1.499
1975.590	6199	0	56614	0.0062	-0.0026	0.0010	2.49E+06	1.512
1976.590	6200	0	56614	0.0063	-0.0026	0.0010	2.44E+06	1.511
1977.590	6199	0	56646	0.0062	-0.0026	0.0010	2.42E+06	1.516
1978.590	6199	0	56630	0.0063	-0.0027	0.0010	2.36E+06	1.521
1979.590	6200	0	56646	0.0062	-0.0027	0.0009	2.31E+06	1.530
1980.590	6201	0	56678	0.0063	-0.0027	0.0009	2.26E+06	1.538
1981.590	6201	0	56694	0.0063	-0.0027	0.0009	2.22E+06	1.551
1982.590	6201	0	56678	0.0063	-0.0027	0.0009	2.19E+06	1.554
1983.590	6200	0	56662	0.0063	-0.0027	0.0009	2.14E+06	1.566
1984.590	6200	0	56678	0.0063	-0.0027	0.0009	2.08E+06	1.568
1985.590	6199	0	56711	0.0063	-0.0027	0.0009	2.02E+06	1.573
1986.590	6201	0	56743	0.0063	-0.0027	0.0009	1.93E+06	1.562
1987.590	6199	0	56743	0.0063	-0.0027	0.0009	1.85E+06	1.565
1988.590	6199	0	56759	0.0063	-0.0027	0.0008	1.75E+06	1.559
1989.590	6199	0	56743	0.0063	-0.0027	0.0008	1.68E+06	1.554
1990.590	6199	0	56759	0.0063	-0.0027	0.0008	1.62E+06	1.562
1991.590	6202	0	56743	0.0063	-0.0028	0.0008	1.55E+06	1.575
1992.590	6199	0	56791	0.0063	-0.0028	0.0008	1.44E+06	1.557
1993.590	6199	0	56807	0.0063	-0.0028	0.0008	1.35E+06	1.544
1994.590	6199	0	56791	0.0063	-0.0028	0.0008	1.26E+06	1.558
1995.590	6203	0	56775	0.0063	-0.0028	0.0008	1.17E+06	1.572
1996.590	6199	0	56823	0.0063	-0.0028	0.0008	1.09E+06	1.582
1997.590	6201	0	56807	0.0064	-0.0028	0.0007	1.00E+06	1.593
1998.580	6200	0	56823	0.0064	-0.0028	0.0007	8.90E+05	1.593
1999.580	6199	0	56823	0.0064	-0.0028	0.0007	8.12E+05	1.594
2000.580	6199	0	56839	0.0064	-0.0028	0.0007	7.11E+05	1.595
2001.580	6199	0	56839	0.0064	-0.0028	0.0007	6.32E+05	1.606
2002.580	6202	0	56855	0.0064	-0.0028	0.0007	5.44E+05	1.610
2003.580	6199	0	56839	0.0064	-0.0029	0.0007	4.63E+05	1.632
2004.580	6199	0	56855	0.0064	-0.0029	0.0007	3.70E+05	1.635
2005.580	6199	0	56871	0.0064	-0.0029	0.0006	2.63E+05	1.658
2006.580	6199	0	56871	0.0064	-0.0029	0.0006	1.67E+05	1.670
2007.580	6199	0	56871	0.0064	-0.0029	0.0006	5.62E+04	1.676
2008.580	6200	0	56855	0.0064	-0.0029	0.0006	-5.29E+04	1.680
2009.580	6200	0	56855	0.0064	-0.0029	0.0006	-1.82E+05	1.694
2010.580	6199	0	56855	0.0064	-0.0029	0.0006	-2.89E+05	1.690

2011.580	6200	0	56871	0.0064	-0.0029	0.0006	-4.11E+05	1.699
2012.580	6199	0	56855	0.0064	-0.0029	0.0006	-5.17E+05	1.700
2013.580	6199	0	56823	0.0064	-0.0029	0.0006	-6.29E+05	1.707
2014.580	6200	0	56839	0.0064	-0.0030	0.0005	-7.50E+05	1.715
2015.580	6200	0	56871	0.0064	-0.0030	0.0005	-8.89E+05	1.728
2016.580	6199	0	56855	0.0064	-0.0030	0.0005	-1.04E+06	1.732
2017.580	6199	0	56839	0.0065	-0.0030	0.0005	-1.21E+06	1.746
2018.580	6200	0	56839	0.0065	-0.0030	0.0005	-1.38E+06	1.762
2019.580	6198	0	56823	0.0065	-0.0030	0.0005	-1.55E+06	1.767
2020.580	6201	0	56807	0.0065	-0.0030	0.0004	-1.72E+06	1.778
2021.580	6201	0	56807	0.0065	-0.0030	0.0004	-1.91E+06	1.780
2022.580	6201	0	56807	0.0065	-0.0030	0.0004	-2.11E+06	1.784
2023.580	6200	0	56775	0.0065	-0.0030	0.0004	-2.32E+06	1.789
2024.580	6199	0	56807	0.0065	-0.0031	0.0004	-2.53E+06	1.800
2025.580	6199	0	56759	0.0065	-0.0031	0.0004	-2.72E+06	1.806
2026.580	6199	0	56743	0.0065	-0.0031	0.0003	-2.93E+06	1.821
2027.580	6201	0	56743	0.0065	-0.0031	0.0003	-3.14E+06	1.833
2028.580	6201	0	56727	0.0065	-0.0031	0.0003	-3.38E+06	1.851
2029.570	6200	0	56743	0.0065	-0.0031	0.0003	-3.61E+06	1.857
2030.570	6199	0	56694	0.0065	-0.0031	0.0003	-3.83E+06	1.870
2031.570	6202	0	56694	0.0065	-0.0031	0.0003	-4.06E+06	1.891
2032.570	6199	0	56646	0.0066	-0.0031	0.0003	-4.28E+06	1.899
2033.570	6201	0	56646	0.0066	-0.0032	0.0002	-4.52E+06	1.923
2034.570	6199	0	56614	0.0066	-0.0032	0.0002	-4.80E+06	1.945
2035.570	6199	0	56646	0.0066	-0.0032	0.0002	-5.07E+06	1.964
2036.570	6201	0	56582	0.0066	-0.0032	0.0002	-5.32E+06	1.975
2037.570	6199	0	56566	0.0066	-0.0032	0.0002	-5.53E+06	1.985
2038.570	6200	0	56534	0.0066	-0.0032	0.0002	-5.75E+06	1.994
2039.570	6201	0	56485	0.0066	-0.0032	0.0001	-5.99E+06	2.007
2040.570	6200	0	56453	0.0066	-0.0032	0.0001	-6.20E+06	2.014
2041.570	6200	0	56421	0.0066	-0.0033	0.0001	-6.45E+06	2.036
2042.570	6199	0	56357	0.0066	-0.0033	0.0001	-6.70E+06	2.058
2043.570	6199	0	56308	0.0066	-0.0033	0.0000	-6.86E+06	2.058
2044.570	6199	0	56228	0.0066	-0.0033	0.0000	-7.02E+06	2.062
2045.570	6200	0	56212	0.0066	-0.0033	0.0000	-7.21E+06	2.075
2046.570	6200	0	56131	0.0067	-0.0033	0.0000	-7.47E+06	2.102
2047.570	6201	0	56067	0.0067	-0.0034	0.0000	-7.69E+06	2.122
2048.570	6199	0	55971	0.0067	-0.0034	-0.0001	-7.92E+06	2.143
2049.570	6199	0	55938	0.0067	-0.0034	-0.0001	-8.07E+06	2.150
2050.570	6200	0	55874	0.0067	-0.0034	-0.0001	-8.20E+06	2.156
2051.570	6200	0	55810	0.0067	-0.0034	-0.0002	-8.35E+06	2.165
2052.570	6199	0	55745	0.0067	-0.0034	-0.0002	-8.59E+06	2.194
2053.570	6199	0	55665	0.0067	-0.0034	-0.0002	-8.77E+06	2.212
2054.570	6200	0	55600	0.0067	-0.0035	-0.0002	-8.99E+06	2.240
2055.570	6200	0	55568	0.0067	-0.0035	-0.0002	-9.11E+06	2.256
2056.570	6200	0	55456	0.0067	-0.0035	-0.0003	-9.26E+06	2.274
2057.570	6200	0	55407	0.0067	-0.0035	-0.0003	-9.42E+06	2.299
2058.570	6199	0	55343	0.0067	-0.0035	-0.0003	-9.52E+06	2.312
2059.570	6200	0	55279	0.0067	-0.0035	-0.0003	-9.53E+06	2.314
2060.560	6200	0	55198	0.0067	-0.0035	-0.0003	-9.64E+06	2.336
2061.560	6200	0	55134	0.0067	-0.0035	-0.0003	-9.60E+06	2.335
2062.560	6199	0	55086	0.0067	-0.0035	-0.0004	-9.66E+06	2.356
2063.560	6200	0	55054	0.0067	-0.0036	-0.0004	-9.65E+06	2.368
2064.560	6200	0	55021	0.0067	-0.0036	-0.0004	-9.67E+06	2.396
2065.560	6201	0	54989	0.0067	-0.0036	-0.0004	-9.58E+06	2.410
2066.560	6199	0	54957	0.0067	-0.0036	-0.0004	-9.51E+06	2.437
2067.560	6199	0	54925	0.0067	-0.0036	-0.0004	-9.14E+06	2.402
2068.560	6199	0	54893	0.0067	-0.0036	-0.0004	-8.82E+06	2.390
2069.560	6200	0	54877	0.0067	-0.0036	-0.0005	-8.47E+06	2.384
2070.560	6200	0	54860	0.0067	-0.0036	-0.0005	-7.97E+06	2.348
2071.560	6200	0	54860	0.0068	-0.0036	-0.0005	-7.53E+06	2.343
2072.560	6200	0	54828	0.0068	-0.0036	-0.0005	-6.95E+06	2.294
2073.560	6199	0	54812	0.0068	-0.0036	-0.0005	-6.39E+06	2.250
2074.560	6199	0	54812	0.0068	-0.0036	-0.0005	-5.86E+06	2.215
2075.560	6202	0	54812	0.0068	-0.0036	-0.0005	-5.31E+06	2.178
2076.560	6200	0	54780	0.0068	-0.0036	-0.0005	-4.73E+06	2.143
2077.560	6200	0	54796	0.0068	-0.0036	-0.0005	-4.21E+06	2.132
2078.560	6199	0	54780	0.0068	-0.0037	-0.0005	-3.68E+06	2.109
2079.560	6199	0	54780	0.0068	-0.0037	-0.0005	-3.17E+06	2.065
2080.560	6200	0	54780	0.0068	-0.0037	-0.0006	-2.75E+06	2.019
2081.560	6199	0	54780	0.0068	-0.0037	-0.0006	-2.31E+06	1.985
2082.560	6199	0	54780	0.0068	-0.0037	-0.0006	-1.94E+06	1.987
2083.560	6200	0	54796	0.0068	-0.0037	-0.0006	-1.63E+06	1.970
2084.560	6200	0	54780	0.0068	-0.0037	-0.0006	-1.32E+06	1.969
2085.560	6200	0	54780	0.0068	-0.0037	-0.0006	-1.10E+06	1.959
2086.560	6201	0	54764	0.0068	-0.0037	-0.0006	-8.97E+05	1.942

2087.560	6201	0	54780	0.0068	-0.0037	-0.0006	-7.50E+05	1.920
2088.560	6200	0	54780	0.0068	-0.0037	-0.0006	-6.04E+05	1.920
2089.560	6201	0	54764	0.0068	-0.0037	-0.0006	-5.13E+05	1.896
2090.560	6200	0	54764	0.0068	-0.0037	-0.0006	-4.28E+05	1.903
2091.550	6199	0	54764	0.0068	-0.0037	-0.0007	-3.54E+05	1.898
2092.550	6200	0	54748	0.0068	-0.0037	-0.0006	-2.89E+05	1.902
2093.550	6200	0	54764	0.0068	-0.0037	-0.0007	-2.41E+05	1.913
2094.550	6199	0	54780	0.0068	-0.0038	-0.0007	-2.12E+05	1.915
2095.550	6200	0	54780	0.0069	-0.0038	-0.0007	-2.06E+05	1.910
2096.550	6200	0	54796	0.0068	-0.0038	-0.0007	-2.02E+05	1.928
2097.550	6201	0	54764	0.0069	-0.0038	-0.0007	-2.12E+05	1.953
2098.550	6201	0	54780	0.0069	-0.0038	-0.0007	-2.26E+05	1.957
2099.550	6199	0	54812	0.0069	-0.0038	-0.0007	-2.52E+05	1.975
2100.550	6200	0	54796	0.0069	-0.0038	-0.0008	-2.76E+05	1.984
2101.550	6199	0	54780	0.0069	-0.0038	-0.0008	-3.28E+05	1.998
2102.550	6199	0	54780	0.0069	-0.0038	-0.0008	-3.87E+05	2.018
2103.550	6202	0	54796	0.0069	-0.0038	-0.0008	-4.42E+05	2.026
2104.550	6199	0	54812	0.0069	-0.0038	-0.0008	-5.03E+05	2.048
2105.550	6201	0	54780	0.0069	-0.0039	-0.0008	-5.67E+05	2.065
2106.550	6200	0	54812	0.0069	-0.0039	-0.0008	-6.49E+05	2.079
2107.550	6200	0	54812	0.0069	-0.0039	-0.0009	-7.18E+05	2.086
2108.550	6199	0	54796	0.0069	-0.0039	-0.0009	-8.20E+05	2.127
2109.550	6199	0	54780	0.0069	-0.0039	-0.0009	-8.97E+05	2.164
2110.550	6200	0	54780	0.0069	-0.0039	-0.0009	-9.57E+05	2.175
2111.550	6200	0	54796	0.0069	-0.0039	-0.0009	-1.04E+06	2.202
2112.550	6199	0	54780	0.0069	-0.0039	-0.0009	-1.13E+06	2.212
2113.550	6201	0	54780	0.0069	-0.0039	-0.0010	-1.24E+06	2.249
2114.550	6199	0	54732	0.0069	-0.0040	-0.0010	-1.34E+06	2.284
2115.550	6199	0	54748	0.0069	-0.0040	-0.0010	-1.44E+06	2.317
2116.550	6199	0	54764	0.0069	-0.0040	-0.0010	-1.56E+06	2.351
2117.550	6199	0	54764	0.0069	-0.0040	-0.0010	-1.67E+06	2.374
2118.550	6200	0	54764	0.0069	-0.0040	-0.0011	-1.78E+06	2.396
2119.550	6200	0	54748	0.0070	-0.0040	-0.0011	-1.89E+06	2.416
2120.550	6200	0	54716	0.0070	-0.0040	-0.0011	-2.00E+06	2.442
2121.550	6199	0	54716	0.0070	-0.0040	-0.0011	-2.11E+06	2.461
2122.550	6202	0	54683	0.0070	-0.0041	-0.0012	-2.22E+06	2.508
2123.540	6199	0	54700	0.0070	-0.0041	-0.0012	-2.34E+06	2.532
2124.540	6198	0	54683	0.0070	-0.0041	-0.0012	-2.46E+06	2.545
2125.540	6199	0	54683	0.0070	-0.0041	-0.0012	-2.57E+06	2.563
2126.540	6201	0	54619	0.0070	-0.0041	-0.0012	-2.68E+06	2.588
2127.540	6200	0	54619	0.0070	-0.0041	-0.0013	-2.80E+06	2.616
2128.540	6200	0	54603	0.0070	-0.0041	-0.0013	-2.93E+06	2.659
2129.540	6199	0	54587	0.0070	-0.0042	-0.0013	-3.04E+06	2.681
2130.540	6201	0	54571	0.0070	-0.0042	-0.0013	-3.14E+06	2.704
2131.540	6201	0	54539	0.0070	-0.0042	-0.0014	-3.25E+06	2.727
2132.540	6199	0	54539	0.0070	-0.0042	-0.0014	-3.35E+06	2.740
2133.540	6199	0	54474	0.0070	-0.0042	-0.0014	-3.45E+06	2.762
2134.540	6202	0	54490	0.0070	-0.0042	-0.0015	-3.59E+06	2.812
2135.540	6200	0	54507	0.0071	-0.0043	-0.0015	-3.72E+06	2.837
2136.540	6200	0	54442	0.0071	-0.0043	-0.0015	-3.87E+06	2.880
2137.540	6201	0	54442	0.0071	-0.0043	-0.0015	-3.98E+06	2.901
2138.540	6200	0	54394	0.0071	-0.0043	-0.0016	-4.13E+06	2.930
2139.540	6199	0	54378	0.0071	-0.0043	-0.0016	-4.26E+06	2.960
2140.540	6199	0	54378	0.0071	-0.0043	-0.0016	-4.39E+06	2.977
2141.540	6200	0	54313	0.0071	-0.0044	-0.0017	-4.54E+06	3.004
2142.540	6199	0	54313	0.0071	-0.0044	-0.0017	-4.72E+06	3.039
2143.540	6201	0	54281	0.0071	-0.0044	-0.0017	-4.88E+06	3.058
2144.540	6200	0	54249	0.0071	-0.0044	-0.0017	-5.12E+06	3.109
2145.540	6199	0	54233	0.0071	-0.0044	-0.0018	-5.37E+06	3.138
2146.540	6200	0	54185	0.0071	-0.0045	-0.0018	-6.00E+06	3.182
2147.540	6199	0	54185	0.0071	-0.0045	-0.0018	-7.04E+06	3.260
2148.540	6199	0	54136	0.0071	-0.0045	-0.0019	-8.42E+06	3.353
2149.540	6199	0	54088	0.0071	-0.0045	-0.0019	-9.65E+06	3.439
2150.540	6200	0	54072	0.0072	-0.0045	-0.0019	-1.07E+07	3.540
2151.540	6199	0	54040	0.0071	-0.0045	-0.0019	-1.17E+07	3.622
2152.540	6200	0	54008	0.0071	-0.0046	-0.0020	-1.26E+07	3.716
2153.540	6199	0	53992	0.0071	-0.0046	-0.0020	-1.35E+07	3.813
2154.530	6201	0	53943	0.0072	-0.0046	-0.0020	-1.42E+07	3.901
2155.530	6201	0	53927	0.0072	-0.0046	-0.0021	-1.50E+07	4.010
2156.530	6199	0	53879	0.0072	-0.0046	-0.0021	-1.56E+07	4.102
2157.530	6199	0	53831	0.0072	-0.0047	-0.0021	-1.59E+07	4.158
2158.530	6200	0	53799	0.0072	-0.0047	-0.0022	-1.62E+07	4.208
2159.530	6200	0	53750	0.0072	-0.0047	-0.0023	-1.67E+07	4.287
2160.530	6201	0	53686	0.0072	-0.0047	-0.0023	-1.75E+07	4.369
2161.530	6200	0	53654	0.0072	-0.0048	-0.0023	-1.86E+07	4.455
2162.530	6201	0	53589	0.0072	-0.0048	-0.0024	-2.00E+07	4.578

2163.530	6199	0	53509	0.0072	-0.0048	-0.0024	-2.14E+07	4.664
2164.530	6200	0	53461	0.0072	-0.0048	-0.0025	-2.28E+07	4.769
2165.530	6201	0	53413	0.0072	-0.0049	-0.0025	-2.42E+07	4.898
2166.530	6199	0	53300	0.0073	-0.0049	-0.0026	-2.57E+07	5.016
2167.530	6200	0	53171	0.0073	-0.0050	-0.0027	-2.73E+07	5.167
2168.530	6200	0	53075	0.0073	-0.0050	-0.0027	-2.86E+07	5.265
2169.530	6199	0	52866	0.0073	-0.0051	-0.0028	-3.01E+07	5.401
2170.530	6200	0	52656	0.0073	-0.0051	-0.0029	-3.13E+07	5.500
2171.530	6200	0	51595	0.0073	-0.0052	-0.0031	-3.25E+07	5.604
2172.530	6199	0	50388	0.0073	-0.0052	-0.0032	-3.34E+07	5.663
2173.530	6199	0	49407	0.0073	-0.0053	-0.0032	-3.45E+07	5.730
2174.530	6199	0	48763	0.0073	-0.0053	-0.0033	-3.57E+07	5.784
2175.530	6199	0	48731	0.0072	-0.0053	-0.0033	-3.36E+07	5.314
2176.530	6201	0	49037	0.0072	-0.0053	-0.0033	-3.74E+07	5.540
2177.530	6199	0	49358	0.0072	-0.0053	-0.0033	-4.05E+07	5.779
2178.530	6199	0	49696	0.0073	-0.0053	-0.0034	-4.37E+07	6.027
2179.530	6200	0	49970	0.0073	-0.0053	-0.0034	-4.44E+07	6.078
2180.530	6200	0	50211	0.0073	-0.0054	-0.0034	-4.48E+07	6.085
2181.530	6200	0	50388	0.0073	-0.0054	-0.0035	-4.52E+07	6.098
2182.530	6200	0	50517	0.0073	-0.0054	-0.0036	-4.56E+07	6.104
2183.530	6201	0	50259	0.0073	-0.0055	-0.0037	-4.58E+07	6.087
2184.530	6200	0	49761	0.0074	-0.0056	-0.0038	-4.58E+07	6.060
2185.520	6199	0	48892	0.0074	-0.0056	-0.0039	-4.64E+07	6.099
2186.520	6200	0	47814	0.0074	-0.0057	-0.0040	-4.65E+07	6.073
2187.520	6199	0	46881	0.0073	-0.0057	-0.0041	-4.65E+07	6.053
2188.520	6201	0	46318	0.0073	-0.0057	-0.0041	-4.62E+07	6.001
2189.520	6199	0	46092	0.0073	-0.0057	-0.0042	-4.60E+07	5.958
2190.520	6199	0	45980	0.0073	-0.0058	-0.0042	-4.57E+07	5.901
2191.520	6199	0	45899	0.0073	-0.0058	-0.0042	-4.51E+07	5.832
2192.520	6201	0	45851	0.0073	-0.0058	-0.0043	-4.43E+07	5.739
2193.520	6199	0	45803	0.0074	-0.0058	-0.0043	-4.33E+07	5.648
2194.520	6200	0	45755	0.0073	-0.0059	-0.0044	-4.24E+07	5.548
2195.520	6200	0	45674	0.0074	-0.0059	-0.0044	-4.13E+07	5.455
2196.520	6200	0	45562	0.0074	-0.0059	-0.0045	-4.05E+07	5.382
2197.520	6199	0	45352	0.0074	-0.0060	-0.0046	-3.98E+07	5.311
2198.520	6199	0	44645	0.0074	-0.0061	-0.0047	-3.92E+07	5.242
2199.520	6200	0	43599	0.0074	-0.0062	-0.0049	-3.89E+07	5.174
2200.520	6200	0	39689	0.0077	-0.0068	-0.0060	-3.92E+07	5.130
2201.520	6199	0	34589	0.0075	-0.0070	-0.0065	-4.03E+07	5.152
2202.520	6199	0	33785	0.0074	-0.0069	-0.0065	-4.12E+07	5.154
2203.520	6199	0	33672	0.0074	-0.0069	-0.0065	-4.21E+07	5.183