

24BA005 (Stage 1)									24BA005 (Stage 2)									24BA005 (Stage 3)									24BA005 (Stage 4)								
Time	Pc	Pp	Diff.	Axial	Radial	Volume	Young's	Poisson's	Time	Pc	Pp	Diff.	Axial	Radial	Volume	Young's	Poisson's	Time	Pc	Pp	Diff.	Axial	Radial	Volume	Young's	Poisson's	Time	Pc	Pp	Diff.	Axial	Radial	Volume	Young's	Poisson's
[sec]	[psi]	[psi]	[psi]	[in/in]	[in/in]	[in3/in3]	[psi]	[-]	[sec]	[psi]	[psi]	[psi]	[in/in]	[in/in]	[in3/in3]	[psi]	[-]	[sec]	[psi]	[psi]	[psi]	[in/in]	[in/in]	[in3/in3]	[psi]	[-]	[sec]	[psi]	[psi]	[psi]	[in/in]	[in/in]	[in3/in3]	[psi]	[-]
2457.330	1199	0	0	0.0000	0.0000	0.0000			1373.310	2201	0	461	0.0000	0.0000	0.0000			2066.210	4201	0	0	0.0000	0.0000	0.0000			1666.740	6200	0	71	0.0000	0.0000	0.0000		
2458.330	1200	0	-71	0.0000	0.0000	0.0000			1374.310	2200	0	532	0.0000	0.0000	0.0000			2067.210	4198	0	0	0.0000	0.0000	0.0000			1667.740	6201	0	106	0.0000	0.0000	0.0000		
2459.330	1200	0	0	0.0000	0.0000	0.0000			1375.310	2201	0	532	0.0000	0.0000	0.0000			2068.210	4200	0	-35	0.0000	0.0000	0.0000			1668.740	6201	0	142	0.0000	0.0000	0.0000		
2460.330	1200	0	-71	0.0000	0.0000	0.0000			1376.310	2201	0	673	0.0000	0.0000	0.0000			2069.210	4198	0	0	0.0000	0.0000	0.0000			1669.740	6201	0	106	0.0000	0.0000	0.0000		
2461.330	1199	0	0	0.0000	0.0000	0.0000			1377.300	2203	0	780	0.0000	0.0000	0.0000			2070.210	4201	0	0	0.0000	0.0000	0.0000			1670.740	6199	0	106	0.0000	0.0000	0.0000		
2462.330	1202	0	-35	0.0000	0.0000	0.0000			1378.300	2201	0	886	0.0000	0.0000	0.0000			2071.210	4202	0	-35	0.0000	0.0000	0.0000			1671.740	6199	0	71	0.0000	0.0000	0.0000		
2463.330	1201	0	-71	0.0000	0.0000	0.0000			1379.300	2201	0	886	0.0000	0.0000	0.0000			2072.210	4201	0	-35	0.0000	0.0000	0.0000			1672.740	6200	0	142	0.0000	0.0000	0.0000		
2464.330	1200	0	35	0.0000	0.0000	0.0000			1380.300	2201	0	886	0.0000	0.0000	0.0000			2073.210	4200	0	-35	0.0000	0.0000	0.0000			1673.740	6199	0	71	0.0000	0.0000	0.0000		
2465.330	1200	0	-71	0.0000	0.0000	0.0000			1381.300	2201	0	1028	0.0000	0.0000	0.0000			2074.210	4199	0	0	0.0000	0.0000	0.0000			1674.740	6199	0	106	0.0000	0.0000	0.0000		
2466.330	1201	0	35	0.0000	0.0000	0.0000			1382.300	2201	0	921	0.0000	0.0000	0.0000			2075.210	4200	0	-35	0.0000	0.0000	0.0000			1675.740	6199	0	142	0.0000	0.0000	0.0000		
2467.330	1201	0	0	0.0000	0.0000	0.0000			1383.300	2200	0	957	0.0000	0.0000	0.0000			2076.210	4200	0	0	0.0000	0.0000	0.0000			1676.740	6199	0	142	0.0000	0.0000	0.0000		
2468.330	1200	0	0	0.0000	0.0000	0.0000			1384.300	2200	0	992	0.0001	0.0000	0.0001			2077.210	4201	0	-35	0.0000	0.0000	0.0000			1677.740	6199	0	71	0.0000	0.0000	0.0000		
2469.330	1200	0	0	0.0000	0.0000	0.0000			1385.300	2201	0	1098	0.0000	0.0000	0.0000			2078.210	4200	0	0	0.0000	0.0000	0.0000			1678.740	6199	0	106	0.0000	0.0000	0.0000		
2470.330	1201	0	0	0.0000	0.0000	0.0000			1386.300	2199	0	1098	0.0001	0.0000	0.0000			2079.210	4201	0	-35	0.0000	0.0000	0.0000			1679.740	6200	0	177	0.0000	0.0000	0.0000		
2471.330	1200	0	0	0.0000	0.0000	0.0000			1387.300	2201	0	1169	0.0001	0.0000	0.0001			2080.210	4201	0	0	0.0000	0.0000	0.0000			1680.740	6200	0	177	0.0000	0.0000	0.0000		
2472.330	1202	0	71	0.0000	0.0000	0.0000			1388.300	2201	0	1134	0.0001	0.0000	0.0001			2081.210	4201	0	35	0.0000	0.0000	0.0000			1681.740	6199	0	142	0.0000	0.0000	0.0000		
2473.330	1201	0	0	0.0000	0.0000	0.0000			1389.300	2200	0	1240	0.0001	0.0000	0.0000			2082.210	4201	0	71	0.0000	0.0000	0.0000			1682.740	6201	0	177	0.0000	0.0000	0.0000		
2474.330	1200	0	0	0.0000	0.0000	0.0000			1390.300	2200	0	1205	0.0001	0.0000	0.0001			2083.210	4201	0	0	0.0000	0.0000	0.0000			1683.730	6201	0	213	0.0000	0.0000	0.0000		
2475.330	1200	0	35	0.0000	0.0000	0.0000			1391.300	2200	0	1311	0.0001	0.0000	0.0001			2084.210	4198	0	71	0.0000	0.0000	0.0000			1684.730	6200	0	142	0.0000	0.0000	0.0000		
2476.330	1199	0	0	0.0000	0.0000	0.0000			1392.300	2200	0	1311	0.0001	0.0000	0.0001			2085.210	4200	0	71	0.0000	0.0000	0.0000			1685.730	6199	0	213	0.0000	0.0000	0.0000		
2477.330	1200	0	35	0.0000	0.0000	0.0000			1393.300	2201	0	1205	0.0001	0.0000	0.0001			2086.210	4199	0	35	0.0000	0.0000	0.0000			1686.730	6199	0	248	0.0000	0.0000	0.0000		
2478.330	1201	0	35	0.0000	0.0000	0.0000			1394.300	2200	0	1276	0.0001	0.0000	0.0001			2087.210	4199	0	35	0.0000	0.0000	0.0000			1687.730	6201	0	213	0.0000	0.0000	0.0000		
2479.320	1201	0	35	0.0000	0.0000	0.0000			1395.300	2201	0	1347	0.0001	0.0000	0.0001			2088.210	4201	0	35	0.0000	0.0000	0.0000			1688.730	6199	0	177	0.0000	0.			

2532.310	1201	0	213	0.0000	0.0000	0.0000	4.86E+06	0.047	1448.280	2201	0	3189	0.0003	0.0000	0.0002	8.94E+06	0.177	2140.460	4200	0	744	0.0001	0.0000	0.0001	8.02E+06	0.099	1740.800	6200	0	957	0.0001	0.0000	0.0001	1.01E+07	0.141
2533.310	1203	0	142	0.0000	0.0000	0.0000	4.91E+06	0.049	1449.280	2201	0	3189	0.0003	0.0000	0.0002	8.85E+06	0.178	2141.460	4200	0	780	0.0001	0.0000	0.0001	8.04E+06	0.102	1741.800	6200	0	957	0.0001	0.0000	0.0001	1.01E+07	0.140
2534.310	1199	0	177	0.0000	0.0000	0.0000	4.98E+06	0.047	1450.280	2201	0	3225	0.0003	0.0000	0.0002	8.96E+06	0.180	2142.460	4201	0	850	0.0001	0.0000	0.0001	8.09E+06	0.103	1742.790	6200	0	1028	0.0001	0.0000	0.0001	1.01E+07	0.140
2535.310	1201	0	177	0.0000	0.0000	0.0000	4.92E+06	0.051	1451.280	2201	0	3296	0.0003	0.0000	0.0002	9.05E+06	0.182	2143.460	4200	0	850	0.0001	0.0000	0.0001	8.14E+06	0.103	1743.790	6202	0	1063	0.0001	0.0000	0.0001	1.02E+07	0.143
2536.310	1199	0	142	0.0000	0.0000	0.0000	5.06E+06	0.049	1452.280	2199	0	3331	0.0003	0.0000	0.0002	9.16E+06	0.184	2144.460	4199	0	886	0.0001	0.0000	0.0001	8.13E+06	0.105	1744.790	6201	0	1098	0.0001	0.0000	0.0001	1.02E+07	0.145
2537.310	1201	0	213	0.0000	0.0000	0.0000	5.30E+06	0.050	1453.280	2201	0	3331	0.0003	0.0000	0.0002	9.19E+06	0.184	2145.450	4200	0	886	0.0001	0.0000	0.0001	8.23E+06	0.109	1745.790	6200	0	1169	0.0001	0.0000	0.0001	1.02E+07	0.146
2538.310	1201	0	177	0.0000	0.0000	0.0000	5.43E+06	0.051	1454.280	2199	0	3366	0.0003	0.0000	0.0002	9.14E+06	0.184	2146.450	4201	0	992	0.0001	0.0000	0.0001	8.24E+06	0.112	1746.790	6200	0	1205	0.0001	0.0000	0.0001	1.02E+07	0.148
2539.310	1201	0	213	0.0000	0.0000	0.0000	5.46E+06	0.050	1455.280	2201	0	3402	0.0003	0.0000	0.0002	9.09E+06	0.183	2147.450	4200	0	1028	0.0001	0.0000	0.0001	8.37E+06	0.114	1747.790	6200	0	1276	0.0001	0.0000	0.0001	1.03E+07	0.149
2540.310	1200	0	177	0.0000	0.0000	0.0000	5.54E+06	0.052	1456.280	2200	0	3473	0.0003	0.0000	0.0002	9.12E+06	0.185	2148.450	4199	0	1028	0.0002	0.0000	0.0001	8.47E+06	0.118	1748.790	6199	0	1311	0.0001	0.0000	0.0001	1.04E+07	0.151
2541.030	1202	0	213	0.0000	0.0000	0.0000	5.52E+06	0.055	1457.280	2200	0	3473	0.0003	0.0000	0.0002	9.15E+06	0.187	2149.450	4204	0	1063	0.0001	0.0000	0.0001	8.52E+06	0.120	1749.790	6200	0	1311	0.0001	0.0000	0.0001	1.04E+07	0.155
2542.030	1200	0	248	0.0001	0.0000	0.0001	5.64E+06	0.055	1458.280	2200	0	3473	0.0003	0.0000	0.0002	9.14E+06	0.187	2150.450	4202	0	1063	0.0002	0.0000	0.0001	8.40E+06	0.122	1750.790	6200	0	1453	0.0001	0.0000	0.0001	1.05E+07	0.157
2543.030	1201	0	354	0.0000	0.0000	0.0001	5.67E+06	0.056	1459.280	2199	0	3544	0.0003	0.0000	0.0002	9.25E+06	0.190	2151.450	4202	0	1134	0.0001	0.0000	0.0001	8.32E+06	0.124	1751.790	6200	0	1453	0.0001	0.0000	0.0001	1.03E+07	0.157
2544.030	1198	0	390	0.0001	0.0000	0.0001	5.82E+06	0.056	1460.280	2201	0	3544	0.0003	0.0000	0.0003	9.27E+06	0.191	2152.450	4201	0	1169	0.0001	0.0000	0.0001	8.40E+06	0.127	1752.790	6202	0	1488	0.0001	0.0000	0.0001	1.01E+07	0.159
2545.030	1200	0	425	0.0000	0.0000	0.0001	5.80E+06	0.056	1461.280	2201	0	3614	0.0003	0.0000	0.0002	9.11E+06	0.188	2153.450	4200	0	1169	0.0002	0.0000	0.0001	8.34E+06	0.130	1753.790	6202	0	1559	0.0001	0.0000	0.0001	1.02E+07	0.163
2546.030	1201	0	425	0.0001	0.0000	0.0001	5.90E+06	0.060	1462.280	2201	0	3650	0.0004	0.0000	0.0003	9.15E+06	0.188	2154.450	4199	0	1240	0.0002	0.0000	0.0001	8.45E+06	0.132	1754.790	6199	0	1595	0.0001	0.0000	0.0001	1.02E+07	0.163
2547.020	1200	0	425	0.0001	0.0000	0.0001	5.81E+06	0.064	1463.280	2199	0	3685	0.0004	-0.0001	0.0003	9.26E+06	0.188	2155.450	4200	0	1276	0.0002	0.0000	0.0001	8.44E+06	0.135	1755.790	6199	0	1630	0.0002	0.0000	0.0001	1.03E+07	0.165
2548.020	1200	0	390	0.0001	0.0000	0.0001	5.85E+06	0.064	1464.280	2201	0	3756	0.0004	-0.0001	0.0003	9.29E+06	0.187	2156.450	4200	0	1311	0.0002	0.0000	0.0001	8.50E+06	0.136	1756.790	6200	0	1701	0.0002	0.0000	0.0001	1.04E+07	0.168
2549.020	1200	0	496	0.0001	0.0000	0.0001	5.93E+06	0.065	1465.280	2200	0	3792	0.0004	-0.0001	0.0003	9.39E+06	0.187	2157.450	4201	0	1382	0.0002	0.0000	0.0001	8.54E+06	0.137	1757.790	6200	0	1736	0.0002	0.0000	0.0001	1.04E+07	0.169
2550.020	1200	0	638	0.0001	0.0000	0.0001	6.07E+06	0.065	1466.280	2201	0	3792	0.0004	-0.0001	0.0003	9.45E+06	0.187	2158.450	4200	0	1417	0.0002	0.0000	0.0002	8.67E+06	0.140	1758.790	6201	0	1772	0.0002	0.0000	0.0001	1.05E+07	0.171
2551.020	1201	0	602	0.0001	0.0000	0.0001	6.06E+06	0.069	1467.280	2201	0	3862	0.0004	-0.0001	0.0003	9.47E+06	0.186	2159.450	4200	0	1453	0.0002	0.0000	0.0002	8.79E+06	0.142	1759.790	6203	0	1807	0.0002	0.0000	0.0001	1.05E+07	0.172
2552.020	1200	0	532	0.0001	0.0000	0.0001	6.05E+06	0.071	1468.280	2201	0	3898	0.0004	-0.0001	0.0003	9.45E+06	0.184	2160.450	4199	0	1524	0.0002	0.0000	0.0002	8.88E+06	0.146	1760.790	6200	0	1807	0.0002	0.0000	0.0001	1.05E+07	0.171
2553.020	1200	0	496	0.0001	0.0000	0.0001	6.04E+06	0.071	1469.280	2200	0	3862	0.0004	-0.0001	0.0003	9.44E+06	0.185	2161.450	4199	0	1453	0.0002	0.0000	0.0002	8.92E+06	0.149	1761.790	6200	0	1843	0.0002	0.0000	0.0001	1.05E+07	0.173
2554.020	1201	0	567	0.0001	0.0000	0.0001	6.06E+06	0.074	1470.280	2201	0	3933	0.0004	-0.0001	0.0003	9.40E+06	0.187	2162.450	4199	0	1559	0.0002	0.0000	0.0002	9.03E+06	0.154	1762.790	6200	0	1878	0.0002	0.0000	0.0001	1.06E+07	0.175
2555.020	1201	0	673	0.0001	0.0000	0.0001	6.10E+06	0.076	1471.270	2201	0	4004	0.0004	-0.0001	0.0003	9.45E+06	0.189	2163.450	4201	0	1595	0.0002	0.0000	0.0002	9.09E+06	0.156	1763.790	6199	0	1878	0.0002	0.0000	0.0001	1.07E+07	0.176
2556.020	1198	0	744	0.0001	0.0000	0.0001	6.15E+06	0.078	1472.270	2200	0	4004	0.0004	-0.0001	0.0003	9.48E+06	0.191	2164.450	4200	0	1595	0.0002	0.0000	0.0002	9.26E+06	0.159	1764.790	6201	0	1914	0.0002	0.0000	0.0001	1.07E+07	0.177
2557.020	1199	0	709	0.0001	0.0000	0.0001	6.27E+06	0.079	1473.270	2200	0	4004	0.0004	-0.0001	0.0003	9.55E+06	0.193	2165.450	4200	0	1665	0.0002	0.0000	0.0002	9.28E+06	0.161	1765.790	6201	0	2055	0.0002	0.0000	0.0001	1.08E+07	0.178
2558.020	1201	0	744	0.0001	0.0000	0.0001	6.30E+06	0.081	1474.270	2200	0	4040	0.0004	-0.0001	0.0003	9.56E+06	0.192	2166.450	4199	0	1701	0.0002	0.0000	0.0002	9.27E+06	0.161	1766.790	6202	0	2091	0.0002	0.0000	0.0002	1.09E+07	0.182
2559.020	1201	0	709	0.0001	0.0000	0.0001	6.26E+06	0.084	1475.270	2199	0	4146	0.0004	-0.0001	0.0003	9.65E+06	0.195	2167.450	4201	0	1701	0.0002	0.0000	0.0002	9.34E+06	0.162	1767.790	6201	0	2091	0.0002	0.0000	0.0001	1.08E+07	0.184
2560.020	1201	0	709	0.0001	0.0000	0.0001	6.29E+06	0.085	1476.270	2199	0	4146	0.0004	-0.0001	0.0003	9.68E+06	0.194	2168.450	4201	0	1772	0.0002	0.0000	0.0002	9.41E+06	0.164	1768.790	6199	0	2162	0.0002	0.0000	0.0001	1.09E+07	0.186
2561.020	1201	0	850	0.0001	0.0000	0.0001	6.30E+06	0.088	1477.270	2200	0	4217	0.0004	-0.0001	0.0003	9.69E+06	0.196	2169.450	4201	0	1807	0.0002	0.0000	0.0002	9.49E+06	0.165	1769.790	6199	0	2126	0.0002	0.0000	0.0002	1.08E+07	0.189
2562.020	1200	0	957	0.0001	0.0000	0.0001	6.40E+06	0.090	1478.270	2201	0	4217	0.0004	-0.0001	0.0003	9.73E+06	0.198	2170.450	4200	0	1878	0.0002	0.0000	0.0002	9.50E+06	0.165	1770.790	6199	0	2268	0.0002	0.0000	0.0002	1.08E+07	0.190
2563.020	1200	0	921	0.0001	0.0000	0.0001	6.40E+06	0.093	1479.270	2201	0	4323	0.0004	-0.0001	0.0003	9.64E+06	0.198	2171.450	4199	0	1843	0.0002	0.0000	0.0002	9.52E+06	0.169	1771.790	6200	0	2268	0.0002	0.0000	0.0002	1.08E+07	0.191
2564.020	1201	0	886	0.0001	0.0000	0.0001	6.38E+06	0.097	1480.270	2201	0	4323	0.0004	-0.0001	0.0003	9.66E+06	0.201	2172.450	4200	0	1949	0.0002	0.0000	0.0002	9.54E+06	0.169	1772.790	6200	0	2339	0.0002	0.0000	0.0002	1.08E+07	0.

2611.000	1200	0	2445	0.0003	0.0000	0.0003	7.73E+06	0.153	1527.260	2200	0	6095	0.0006	-0.0001	0.0004	1.00E+07	0.213	2219.430	4199	0	3827	0.0004	-0.0001	0.0003	1.08E+07	0.215	1819.770	6200	0	4288	0.0004	-0.0001	0.0003	1.09E+07	0.212
2612.000	1201	0	2410	0.0004	0.0000	0.0003	7.62E+06	0.155	1528.260	2199	0	6095	0.0006	-0.0001	0.0004	9.94E+06	0.213	2220.430	4198	0	3827	0.0004	-0.0001	0.0003	1.08E+07	0.216	1820.770	6200	0	4252	0.0004	-0.0001	0.0003	1.09E+07	0.215
2613.000	1199	0	2374	0.0004	0.0000	0.0003	7.61E+06	0.154	1529.260	2199	0	6130	0.0006	-0.0001	0.0004	1.00E+07	0.213	2221.430	4199	0	3827	0.0004	-0.0001	0.0003	1.08E+07	0.216	1821.770	6200	0	4323	0.0004	-0.0001	0.0003	1.10E+07	0.216
2614.000	1200	0	2374	0.0003	0.0000	0.0003	7.57E+06	0.153	1530.260	2201	0	6201	0.0006	-0.0001	0.0004	9.96E+06	0.213	2222.430	4201	0	3933	0.0004	-0.0001	0.0003	1.07E+07	0.218	1822.770	6200	0	4359	0.0004	-0.0001	0.0003	1.10E+07	0.217
2615.000	1200	0	2516	0.0003	0.0000	0.0003	7.59E+06	0.155	1531.260	2200	0	6343	0.0006	-0.0001	0.0004	9.94E+06	0.214	2223.430	4200	0	3933	0.0004	-0.0001	0.0003	1.07E+07	0.218	1823.770	6199	0	4394	0.0004	-0.0001	0.0003	1.10E+07	0.218
2616.000	1200	0	2551	0.0004	0.0000	0.0003	7.65E+06	0.154	1532.260	2200	0	6272	0.0006	-0.0001	0.0004	9.97E+06	0.216	2224.430	4200	0	4004	0.0004	-0.0001	0.0003	1.06E+07	0.218	1824.770	6199	0	4429	0.0004	-0.0001	0.0003	1.10E+07	0.222
2617.000	1201	0	2693	0.0004	0.0000	0.0003	7.65E+06	0.155	1533.250	2201	0	6343	0.0006	-0.0001	0.0004	9.96E+06	0.218	2225.430	4200	0	3969	0.0004	-0.0001	0.0003	1.06E+07	0.218	1825.770	6199	0	4536	0.0004	-0.0001	0.0003	1.11E+07	0.223
2618.000	1202	0	2516	0.0004	0.0000	0.0003	7.63E+06	0.158	1534.250	2201	0	6378	0.0006	-0.0001	0.0004	9.91E+06	0.216	2226.430	4199	0	4075	0.0004	-0.0001	0.0003	1.06E+07	0.219	1826.770	6200	0	4536	0.0004	-0.0001	0.0003	1.11E+07	0.225
2619.000	1200	0	2516	0.0004	0.0000	0.0003	7.61E+06	0.158	1535.250	2201	0	6343	0.0006	-0.0001	0.0004	9.97E+06	0.214	2227.430	4199	0	4075	0.0004	-0.0001	0.0003	1.07E+07	0.219	1827.770	6199	0	4571	0.0004	-0.0001	0.0003	1.11E+07	0.227
2620.000	1200	0	2587	0.0004	0.0000	0.0003	7.66E+06	0.158	1536.250	2201	0	6485	0.0006	-0.0001	0.0004	1.00E+07	0.214	2228.430	4200	0	4181	0.0004	-0.0001	0.0003	1.07E+07	0.220	1828.770	6199	0	4642	0.0004	-0.0001	0.0003	1.12E+07	0.227
2621.000	1200	0	2693	0.0004	0.0000	0.0003	7.71E+06	0.159	1537.250	2202	0	6485	0.0006	-0.0001	0.0004	1.01E+07	0.213	2229.430	4202	0	4217	0.0004	-0.0001	0.0003	1.08E+07	0.222	1829.770	6200	0	4677	0.0004	-0.0001	0.0003	1.12E+07	0.230
2622.000	1200	0	2799	0.0004	0.0000	0.0003	7.75E+06	0.160	1538.250	2201	0	6556	0.0006	-0.0001	0.0004	1.02E+07	0.213	2230.430	4202	0	4288	0.0005	-0.0001	0.0003	1.09E+07	0.221	1830.770	6200	0	4713	0.0004	-0.0001	0.0003	1.13E+07	0.229
2623.000	1200	0	2870	0.0004	0.0000	0.0003	7.75E+06	0.160	1539.250	2201	0	6556	0.0006	-0.0001	0.0004	1.02E+07	0.213	2231.430	4200	0	4252	0.0005	-0.0001	0.0003	1.08E+07	0.221	1831.770	6201	0	4784	0.0004	-0.0001	0.0003	1.13E+07	0.231
2624.000	1202	0	2870	0.0004	0.0000	0.0003	7.82E+06	0.161	1540.250	2200	0	6556	0.0006	-0.0001	0.0004	1.01E+07	0.213	2232.430	4201	0	4323	0.0005	-0.0001	0.0003	1.07E+07	0.221	1832.770	6200	0	4784	0.0004	-0.0001	0.0003	1.13E+07	0.230
2625.000	1201	0	2764	0.0004	0.0000	0.0003	7.88E+06	0.161	1541.250	2201	0	6591	0.0006	-0.0001	0.0004	1.01E+07	0.211	2233.430	4202	0	4429	0.0005	-0.0001	0.0003	1.07E+07	0.220	1833.770	6199	0	4784	0.0004	-0.0001	0.0003	1.12E+07	0.227
2626.000	1200	0	2764	0.0004	0.0000	0.0003	7.90E+06	0.161	1542.250	2200	0	6662	0.0006	-0.0001	0.0004	1.00E+07	0.212	2234.430	4200	0	4394	0.0005	-0.0001	0.0003	1.06E+07	0.219	1834.770	6201	0	4819	0.0005	-0.0001	0.0003	1.11E+07	0.226
2627.000	1200	0	2870	0.0004	0.0000	0.0003	7.96E+06	0.162	1543.250	2201	0	6662	0.0007	-0.0001	0.0004	1.01E+07	0.213	2235.430	4203	0	4429	0.0005	-0.0001	0.0003	1.06E+07	0.220	1835.770	6198	0	4890	0.0005	-0.0001	0.0003	1.12E+07	0.227
2628.000	1201	0	3012	0.0004	0.0000	0.0003	8.04E+06	0.163	1544.250	2201	0	6768	0.0007	-0.0001	0.0004	1.01E+07	0.213	2236.430	4201	0	4536	0.0005	-0.0001	0.0003	1.08E+07	0.222	1836.760	6200	0	4926	0.0005	-0.0001	0.0003	1.12E+07	0.229
2629.000	1200	0	3012	0.0004	0.0000	0.0003	7.99E+06	0.164	1545.250	2201	0	6768	0.0007	-0.0001	0.0004	1.02E+07	0.215	2237.430	4201	0	4536	0.0005	-0.0001	0.0003	1.08E+07	0.219	1837.760	6200	0	4996	0.0005	-0.0001	0.0003	1.12E+07	0.234
2630.000	1200	0	2977	0.0004	0.0000	0.0003	8.11E+06	0.164	1546.250	2200	0	6839	0.0007	-0.0001	0.0004	1.02E+07	0.217	2238.420	4201	0	4607	0.0005	-0.0001	0.0003	1.07E+07	0.218	1838.760	6199	0	5032	0.0005	-0.0001	0.0003	1.13E+07	0.235
2631.000	1202	0	2941	0.0004	0.0000	0.0003	8.18E+06	0.165	1547.250	2201	0	6839	0.0007	-0.0001	0.0004	1.04E+07	0.220	2239.420	4199	0	4642	0.0005	-0.0001	0.0003	1.08E+07	0.216	1839.760	6200	0	5067	0.0005	-0.0001	0.0003	1.14E+07	0.237
2632.000	1199	0	2906	0.0004	0.0000	0.0003	8.16E+06	0.164	1548.250	2199	0	6874	0.0007	-0.0001	0.0004	1.04E+07	0.221	2240.420	4200	0	4607	0.0005	-0.0001	0.0003	1.08E+07	0.217	1840.760	6200	0	5138	0.0005	-0.0001	0.0003	1.13E+07	0.236
2633.000	1200	0	3083	0.0004	0.0000	0.0003	8.23E+06	0.165	1549.250	2200	0	6874	0.0007	-0.0001	0.0004	1.05E+07	0.221	2241.420	4200	0	4677	0.0005	-0.0001	0.0003	1.08E+07	0.217	1841.760	6200	0	5244	0.0005	-0.0001	0.0003	1.13E+07	0.238
2634.000	1200	0	3189	0.0004	0.0000	0.0003	8.30E+06	0.168	1550.250	2201	0	6945	0.0007	-0.0001	0.0004	1.04E+07	0.222	2242.420	4202	0	4713	0.0005	-0.0001	0.0004	1.08E+07	0.216	1842.760	6201	0	5138	0.0005	-0.0001	0.0003	1.12E+07	0.237
2635.000	1202	0	3189	0.0004	0.0000	0.0003	8.35E+06	0.167	1551.250	2201	0	7016	0.0007	-0.0001	0.0004	1.05E+07	0.226	2243.420	4200	0	4784	0.0005	-0.0001	0.0003	1.09E+07	0.214	1843.760	6200	0	5209	0.0005	-0.0001	0.0003	1.13E+07	0.237
2636.000	1200	0	3225	0.0004	0.0000	0.0004	8.39E+06	0.164	1552.250	2201	0	6839	0.0007	-0.0001	0.0005	1.06E+07	0.228	2244.420	4200	0	4819	0.0005	-0.0001	0.0003	1.09E+07	0.215	1844.760	6199	0	5280	0.0005	-0.0001	0.0003	1.14E+07	0.239
2637.000	1201	0	3118	0.0005	-0.0001	0.0003	8.37E+06	0.162	1553.250	2201	0	6804	0.0007	-0.0001	0.0004	1.08E+07	0.232	2245.420	4201	0	4819	0.0005	-0.0001	0.0004	1.09E+07	0.216	1845.760	6199	0	5280	0.0005	-0.0001	0.0003	1.15E+07	0.240
2638.000	1200	0	3118	0.0004	0.0000	0.0004	8.41E+06	0.163	1554.250	2201	0	7087	0.0007	-0.0001	0.0004	1.09E+07	0.232	2246.420	4198	0	4926	0.0005	-0.0001	0.0003	1.09E+07	0.215	1846.760	6199	0	5351	0.0005	-0.0001	0.0003	1.14E+07	0.239
2639.000	1201	0	3260	0.0004	0.0000	0.0004	8.44E+06	0.164	1555.250	2201	0	7158	0.0007	-0.0001	0.0005	1.09E+07	0.232	2247.420	4200	0	4926	0.0005	-0.0001	0.0004	1.08E+07	0.214	1847.760	6198	0	5386	0.0005	-0.0001	0.0003	1.14E+07	0.237
2640.000	1201	0	3402	0.0004	-0.0001	0.0003	8.54E+06	0.165	1556.250	2201	0	7229	0.0007	-0.0001	0.0005	1.09E+07	0.231	2248.420	4198	0	4961	0.0005	-0.0001	0.0004	1.08E+07	0.215	1848.760	6201	0	5351	0.0005	-0.0001	0.0003	1.14E+07	0.238
2640.990	1200	0	3437	0.0005	0.0000	0.0004	8.58E+06	0.167	1557.250	2199	0	7264	0.0007	-0.0001	0.0004	1.10E+07	0.229	2249.420	4201	0	4996	0.0005	-0.0001	0.0004	1.08E+07	0.216	1849.760	6199	0	5457	0.0005	-0.0001	0.0003	1.15E+07	0.239
2641.990	1200	0	3402	0.0005	-0.0001	0.0004	8.56E+06	0.168	1558.250	2200	0	7264	0.0007	-0.0001	0.0005	1.10E+07	0.229	2250.420	4201	0	5067	0.0005	-0.0001	0.0004	1.09E+07	0.218	1850.760	6201	0	5492	0.0005	-0.0001	0.0003	1.16E+07	0.239
2642.990	1199	0	3331	0.0005	-0.0001	0.0004	8.58E+06	0.167	1559.250	2198	0	7335	0.0007	-0.0001	0.0005	1.10E+07	0.230	2251.420	4201	0	5103	0.0005	-0.0001	0.0004	1.08E+07	0.217	1851.760	6199	0	5563	0.0005				

2689.980	1200	0	5244	0.0007	-0.0001	0.0005	9.05E+06	0.197	1606.230	2199	0	9249	0.0009	-0.0002	0.0006	1.10E+07	0.258	2298.410	4202	0	7016	0.0007	-0.0001	0.0004	1.11E+07	0.237	1898.740	6201	0	7654	0.0007	-0.0001	0.0004	1.04E+07	0.235
2690.980	1200	0	5209	0.0007	-0.0001	0.0005	9.08E+06	0.198	1607.230	2200	0	9213	0.0009	-0.0002	0.0005	1.11E+07	0.258	2299.410	4200	0	7052	0.0007	-0.0001	0.0005	1.10E+07	0.238	1899.740	6199	0	7619	0.0007	-0.0001	0.0004	1.05E+07	0.233
2691.980	1199	0	5138	0.0007	-0.0001	0.0005	9.10E+06	0.198	1608.230	2201	0	9284	0.0009	-0.0002	0.0006	1.11E+07	0.257	2300.410	4200	0	7122	0.0007	-0.0001	0.0005	1.11E+07	0.238	1900.740	6199	0	7690	0.0007	-0.0001	0.0004	1.04E+07	0.231
2692.980	1200	0	5244	0.0006	-0.0001	0.0005	9.10E+06	0.197	1609.230	2201	0	9390	0.0009	-0.0002	0.0006	1.10E+07	0.256	2301.400	4201	0	7158	0.0007	-0.0001	0.0005	1.11E+07	0.239	1901.740	6199	0	7690	0.0007	-0.0001	0.0004	1.04E+07	0.231
2693.980	1201	0	5351	0.0007	-0.0001	0.0005	9.10E+06	0.196	1610.230	2201	0	9390	0.0009	-0.0002	0.0006	1.10E+07	0.256	2302.400	4199	0	7300	0.0007	-0.0001	0.0005	1.11E+07	0.240	1902.740	6199	0	7796	0.0007	-0.0001	0.0004	1.04E+07	0.232
2694.980	1200	0	5492	0.0007	-0.0001	0.0005	9.00E+06	0.197	1611.230	2200	0	9497	0.0009	-0.0002	0.0005	1.11E+07	0.261	2303.400	4201	0	7264	0.0007	-0.0001	0.0005	1.11E+07	0.240	1903.740	6201	0	7831	0.0007	-0.0001	0.0004	1.03E+07	0.231
2695.980	1201	0	5422	0.0007	-0.0001	0.0005	9.12E+06	0.200	1612.230	2200	0	9461	0.0009	-0.0002	0.0006	1.11E+07	0.261	2304.400	4199	0	7300	0.0007	-0.0001	0.0005	1.11E+07	0.239	1904.740	6199	0	7867	0.0007	-0.0001	0.0004	1.04E+07	0.233
2696.980	1200	0	5422	0.0007	-0.0001	0.0005	9.12E+06	0.201	1613.230	2200	0	9497	0.0009	-0.0002	0.0006	1.12E+07	0.262	2305.400	4200	0	7335	0.0007	-0.0001	0.0005	1.09E+07	0.236	1905.740	6199	0	7938	0.0007	-0.0001	0.0004	1.04E+07	0.235
2697.980	1200	0	5351	0.0007	-0.0001	0.0005	9.08E+06	0.198	1614.230	2201	0	9638	0.0009	-0.0002	0.0006	1.12E+07	0.262	2306.400	4198	0	7406	0.0007	-0.0001	0.0005	1.10E+07	0.237	1906.740	6199	0	7938	0.0007	-0.0001	0.0004	1.04E+07	0.234
2698.980	1201	0	5492	0.0007	-0.0001	0.0005	9.06E+06	0.199	1615.230	2200	0	9568	0.0009	-0.0002	0.0006	1.13E+07	0.261	2307.400	4201	0	7441	0.0007	-0.0001	0.0005	1.08E+07	0.236	1907.740	6199	0	7973	0.0007	-0.0001	0.0004	1.04E+07	0.236
2699.980	1200	0	5634	0.0007	-0.0001	0.0005	8.99E+06	0.201	1616.230	2201	0	9674	0.0009	-0.0002	0.0006	1.13E+07	0.263	2308.400	4200	0	7477	0.0008	-0.0001	0.0005	1.09E+07	0.236	1908.740	6200	0	8008	0.0007	-0.0001	0.0004	1.03E+07	0.235
2700.980	1200	0	5740	0.0007	-0.0001	0.0005	8.93E+06	0.204	1617.230	2201	0	9709	0.0009	-0.0002	0.0006	1.15E+07	0.265	2309.400	4201	0	7548	0.0008	-0.0001	0.0005	1.10E+07	0.240	1909.740	6200	0	8115	0.0007	-0.0002	0.0004	1.05E+07	0.236
2701.980	1201	0	5705	0.0007	-0.0001	0.0005	8.83E+06	0.203	1618.230	2200	0	9709	0.0009	-0.0002	0.0006	1.15E+07	0.264	2310.400	4201	0	7548	0.0008	-0.0001	0.0005	1.10E+07	0.238	1910.740	6201	0	8150	0.0007	-0.0002	0.0004	1.05E+07	0.234
2702.980	1201	0	5670	0.0007	-0.0001	0.0005	8.83E+06	0.203	1619.230	2201	0	9745	0.0009	-0.0002	0.0006	1.14E+07	0.264	2311.400	4198	0	7548	0.0008	-0.0001	0.0005	1.10E+07	0.237	1911.740	6200	0	8150	0.0007	-0.0001	0.0004	1.05E+07	0.234
2703.970	1199	0	5563	0.0007	-0.0001	0.0005	8.87E+06	0.203	1620.230	2201	0	9780	0.0009	-0.0002	0.0006	1.15E+07	0.264	2312.400	4202	0	7654	0.0008	-0.0001	0.0005	1.10E+07	0.239	1912.740	6199	0	8186	0.0007	-0.0002	0.0004	1.06E+07	0.236
2704.970	1200	0	5776	0.0007	-0.0001	0.0005	8.82E+06	0.201	1621.230	2199	0	9886	0.0009	-0.0002	0.0006	1.15E+07	0.261	2313.400	4200	0	7654	0.0008	-0.0001	0.0005	1.09E+07	0.239	1913.740	6201	0	8186	0.0007	-0.0001	0.0004	1.06E+07	0.236
2705.970	1199	0	5847	0.0007	-0.0001	0.0005	8.87E+06	0.200	1622.230	2199	0	9851	0.0010	-0.0002	0.0006	1.15E+07	0.263	2314.400	4201	0	7689	0.0008	-0.0001	0.0005	1.09E+07	0.239	1914.740	6202	0	8221	0.0007	-0.0002	0.0004	1.08E+07	0.241
2706.970	1201	0	6024	0.0007	-0.0001	0.0005	8.93E+06	0.202	1623.230	2201	0	9993	0.0009	-0.0002	0.0006	1.13E+07	0.261	2315.400	4199	0	7760	0.0008	-0.0001	0.0005	1.09E+07	0.240	1915.740	6199	0	8292	0.0007	-0.0002	0.0004	1.08E+07	0.238
2707.970	1201	0	5847	0.0007	-0.0001	0.0005	8.94E+06	0.202	1624.230	2201	0	9993	0.0009	-0.0002	0.0006	1.15E+07	0.263	2316.400	4199	0	7831	0.0008	-0.0001	0.0005	1.09E+07	0.238	1916.740	6199	0	8292	0.0008	-0.0002	0.0004	1.07E+07	0.238
2708.970	1200	0	5811	0.0007	-0.0001	0.0005	8.95E+06	0.201	1625.230	2200	0	9957	0.0010	-0.0002	0.0006	1.16E+07	0.265	2317.400	4202	0	7831	0.0008	-0.0001	0.0005	1.08E+07	0.238	1917.740	6201	0	8398	0.0008	-0.0002	0.0004	1.07E+07	0.236
2709.970	1200	0	5811	0.0007	-0.0001	0.0005	8.99E+06	0.201	1626.230	2201	0	10028	0.0010	-0.0002	0.0006	1.17E+07	0.267	2318.400	4202	0	7938	0.0008	-0.0001	0.0005	1.09E+07	0.239	1918.740	6199	0	8469	0.0008	-0.0002	0.0004	1.06E+07	0.236
2710.970	1202	0	5918	0.0007	-0.0001	0.0005	9.09E+06	0.205	1627.220	2200	0	10170	0.0010	-0.0002	0.0006	1.17E+07	0.267	2319.400	4201	0	7938	0.0008	-0.0001	0.0005	1.09E+07	0.239	1919.740	6199	0	8469	0.0008	-0.0002	0.0004	1.07E+07	0.237
2711.970	1199	0	6024	0.0007	-0.0001	0.0005	9.13E+06	0.208	1628.220	2200	0	10134	0.0010	-0.0002	0.0006	1.16E+07	0.265	2320.400	4200	0	7938	0.0008	-0.0001	0.0005	1.08E+07	0.239	1920.740	6202	0	8469	0.0008	-0.0002	0.0005	1.07E+07	0.236
2712.970	1200	0	6166	0.0007	-0.0001	0.0005	9.22E+06	0.208	1629.220	2201	0	10170	0.0010	-0.0002	0.0006	1.15E+07	0.263	2321.400	4200	0	7973	0.0008	-0.0001	0.0005	1.09E+07	0.240	1921.740	6200	0	8540	0.0008	-0.0002	0.0005	1.06E+07	0.235
2713.970	1200	0	6130	0.0008	-0.0001	0.0006	9.38E+06	0.206	1630.220	2200	0	10205	0.0010	-0.0002	0.0006	1.15E+07	0.261	2322.400	4200	0	8044	0.0008	-0.0001	0.0005	1.08E+07	0.238	1922.740	6199	0	8646	0.0008	-0.0002	0.0005	1.05E+07	0.234
2714.970	1201	0	6095	0.0008	-0.0001	0.0006	9.44E+06	0.206	1631.220	2200	0	10241	0.0010	-0.0002	0.0006	1.13E+07	0.259	2323.400	4200	0	8079	0.0008	-0.0001	0.0005	1.08E+07	0.238	1923.740	6199	0	8611	0.0008	-0.0002	0.0005	1.06E+07	0.235
2715.970	1201	0	6024	0.0007	-0.0001	0.0005	9.51E+06	0.206	1632.220	2201	0	10276	0.0010	-0.0002	0.0006	1.14E+07	0.259	2324.400	4202	0	8115	0.0008	-0.0002	0.0005	1.09E+07	0.239	1924.740	6200	0	8682	0.0008	-0.0002	0.0005	1.07E+07	0.238
2716.970	1202	0	6166	0.0007	-0.0001	0.0005	9.62E+06	0.203	1633.220	2201	0	10347	0.0010	-0.0002	0.0006	1.15E+07	0.260	2325.400	4201	0	8186	0.0008	-0.0001	0.0005	1.08E+07	0.239	1925.740	6200	0	8717	0.0008	-0.0002	0.0005	1.07E+07	0.239
2717.970	1200	0	6308	0.0008	-0.0001	0.0005	9.67E+06	0.203	1634.220	2201	0	10383	0.0010	-0.0002	0.0006	1.14E+07	0.257	2326.400	4200	0	8221	0.0008	-0.0002	0.0005	1.08E+07	0.238	1926.740	6200	0	8788	0.0008	-0.0002	0.0005	1.08E+07	0.240
2718.970	1200	0	6414	0.0008	-0.0001	0.0006	9.69E+06	0.201	1635.220	2201	0	10453	0.0010	-0.0002	0.0006	1.14E+07	0.255	2327.400	4201	0	8292	0.0008	-0.0002	0.0005	1.08E+07	0.239	1927.740	6200	0	8823	0.0008	-0.0002	0.0005	1.07E+07	0.240
2719.970	1203	0	6343	0.0008	-0.0001	0.0006	9.66E+06	0.201	1636.220	2201	0	10453	0.0010	-0.0002	0.0006	1.15E+07	0.256	2328.400	4199	0	8292	0.0008	-0.0002	0.0005	1.08E+07	0.237	1928.740	6199	0	8823	0.0008	-0.0002	0.0005	1.07E+07	0.241
2720.970	1200	0	6272	0.0008	-0.0001	0.0005	9.77E+06	0.203	1637.220	2199	0	10524	0.0010	-0.0002	0.0006	1.16E+07	0.255	2329.400	4200	0	8292	0.0008	-0.0001	0.0005	1.08E+07	0.238	1929.730	6201	0	8859	0.0008	-0.0002	0.0005	1.07E+07	0.242
2721.970	1200	0	6237	0.0008	-0.0001	0.0006	9.80E+06	0.204	1638.220	2199	0	10560	0.0010	-0.0002	0.0006	1.16E+07	0.254	2330.400	4199	0	8363	0.0008	-0.0002	0.0005	1.09E+07	0.241	1930.730	6199	0	89					

2768.950	1200	0	8292	0.0010	-0.0002	0.0007	1.06E+07	0.204	1685.210	2201	0	12509	0.0012	-0.0002	0.0007	1.15E+07	0.297	2377.380	4201	0	10347	0.0010	-0.0002	0.0006	1.07E+07	0.244	1977.720	6199	0	10843	0.0010	-0.0002	0.0005	1.05E+07	0.270
2769.950	1201	0	8221	0.0010	-0.0001	0.0007	1.06E+07	0.203	1686.210	2200	0	12580	0.0012	-0.0002	0.0007	1.15E+07	0.295	2378.380	4201	0	10312	0.0010	-0.0002	0.0006	1.07E+07	0.247	1978.720	6199	0	10914	0.0010	-0.0002	0.0006	1.05E+07	0.273
2770.950	1200	0	8256	0.0010	-0.0001	0.0007	1.07E+07	0.204	1687.210	2201	0	12650	0.0012	-0.0002	0.0007	1.16E+07	0.296	2379.380	4202	0	10453	0.0010	-0.0002	0.0006	1.07E+07	0.246	1979.720	6200	0	10985	0.0010	-0.0002	0.0006	1.04E+07	0.274
2771.950	1200	0	8363	0.0010	-0.0002	0.0007	1.06E+07	0.206	1688.210	2200	0	12650	0.0012	-0.0002	0.0007	1.15E+07	0.297	2380.380	4201	0	10383	0.0010	-0.0002	0.0006	1.08E+07	0.250	1980.720	6199	0	11020	0.0010	-0.0002	0.0006	1.04E+07	0.277
2772.950	1200	0	8469	0.0010	-0.0002	0.0007	1.06E+07	0.208	1689.200	2201	0	12650	0.0012	-0.0003	0.0007	1.16E+07	0.298	2381.380	4200	0	10489	0.0010	-0.0002	0.0006	1.08E+07	0.252	1981.720	6200	0	11056	0.0010	-0.0002	0.0006	1.05E+07	0.277
2773.950	1201	0	8611	0.0010	-0.0002	0.0007	1.06E+07	0.208	1690.200	2200	0	12686	0.0012	-0.0003	0.0007	1.16E+07	0.300	2382.380	4199	0	10524	0.0010	-0.0002	0.0006	1.08E+07	0.253	1982.720	6200	0	11091	0.0010	-0.0002	0.0006	1.04E+07	0.276
2774.950	1200	0	8611	0.0010	-0.0002	0.0007	1.07E+07	0.207	1691.200	2201	0	12757	0.0012	-0.0003	0.0007	1.15E+07	0.298	2383.380	4201	0	10560	0.0010	-0.0002	0.0006	1.09E+07	0.253	1983.720	6198	0	11127	0.0010	-0.0002	0.0006	1.03E+07	0.277
2775.950	1200	0	8646	0.0010	-0.0002	0.0007	1.07E+07	0.208	1692.200	2201	0	12828	0.0012	-0.0003	0.0007	1.15E+07	0.297	2384.380	4199	0	10631	0.0010	-0.0002	0.0006	1.09E+07	0.256	1984.720	6199	0	11233	0.0010	-0.0002	0.0006	1.03E+07	0.277
2776.950	1200	0	8717	0.0010	-0.0002	0.0007	1.07E+07	0.210	1693.200	2200	0	12898	0.0012	-0.0003	0.0007	1.14E+07	0.295	2385.380	4200	0	10631	0.0010	-0.0002	0.0006	1.09E+07	0.259	1985.720	6199	0	11127	0.0010	-0.0002	0.0006	1.03E+07	0.277
2777.950	1200	0	8752	0.0010	-0.0002	0.0007	1.07E+07	0.211	1694.200	2201	0	12863	0.0012	-0.0003	0.0007	1.12E+07	0.292	2386.380	4199	0	10595	0.0010	-0.0002	0.0006	1.12E+07	0.263	1986.720	6199	0	11198	0.0010	-0.0002	0.0006	1.03E+07	0.278
2778.950	1202	0	8752	0.0010	-0.0002	0.0007	1.07E+07	0.210	1695.200	2199	0	12828	0.0012	-0.0003	0.0007	1.12E+07	0.291	2387.380	4201	0	10666	0.0010	-0.0002	0.0006	1.12E+07	0.265	1987.720	6199	0	11268	0.0010	-0.0002	0.0006	1.04E+07	0.278
2779.950	1202	0	8752	0.0010	-0.0002	0.0007	1.09E+07	0.212	1696.200	2201	0	12969	0.0012	-0.0003	0.0007	1.11E+07	0.290	2388.380	4200	0	10772	0.0010	-0.0002	0.0006	1.12E+07	0.265	1988.720	6200	0	11339	0.0010	-0.0002	0.0006	1.04E+07	0.279
2780.950	1201	0	8788	0.0010	-0.0002	0.0007	1.10E+07	0.214	1697.200	2199	0	13040	0.0012	-0.0003	0.0007	1.10E+07	0.289	2389.380	4200	0	10737	0.0011	-0.0002	0.0006	1.11E+07	0.266	1989.720	6200	0	11410	0.0010	-0.0002	0.0006	1.05E+07	0.280
2781.950	1201	0	8788	0.0010	-0.0002	0.0007	1.10E+07	0.214	1698.200	2201	0	13040	0.0012	-0.0003	0.0007	1.10E+07	0.286	2390.380	4200	0	10808	0.0010	-0.0002	0.0006	1.10E+07	0.263	1990.720	6199	0	11446	0.0010	-0.0002	0.0006	1.05E+07	0.283
2782.950	1201	0	8894	0.0010	-0.0002	0.0007	1.09E+07	0.215	1699.200	2201	0	13076	0.0012	-0.0003	0.0007	1.10E+07	0.286	2391.380	4200	0	10879	0.0011	-0.0002	0.0006	1.10E+07	0.263	1991.720	6201	0	11446	0.0011	-0.0002	0.0006	1.06E+07	0.282
2783.950	1201	0	8894	0.0010	-0.0002	0.0007	1.08E+07	0.215	1700.200	2200	0	13111	0.0012	-0.0003	0.0007	1.10E+07	0.286	2392.380	4200	0	10950	0.0010	-0.0002	0.0006	1.10E+07	0.263	1992.710	6199	0	11481	0.0010	-0.0002	0.0006	1.05E+07	0.279
2784.950	1202	0	8965	0.0010	-0.0002	0.0007	1.09E+07	0.218	1701.200	2200	0	13111	0.0012	-0.0003	0.0007	1.09E+07	0.283	2393.380	4200	0	10985	0.0011	-0.0002	0.0006	1.09E+07	0.263	1993.710	6200	0	11516	0.0010	-0.0002	0.0006	1.04E+07	0.279
2785.950	1202	0	9036	0.0010	-0.0002	0.0007	1.09E+07	0.218	1702.200	2201	0	13146	0.0012	-0.0003	0.0007	1.08E+07	0.282	2394.380	4200	0	11020	0.0011	-0.0002	0.0006	1.08E+07	0.261	1994.710	6199	0	11516	0.0011	-0.0002	0.0006	1.05E+07	0.282
2786.950	1199	0	9071	0.0010	-0.0002	0.0007	1.10E+07	0.218	1703.200	2201	0	13217	0.0012	-0.0003	0.0007	1.08E+07	0.282	2395.370	4201	0	10985	0.0011	-0.0002	0.0007	1.08E+07	0.260	1995.710	6200	0	11623	0.0011	-0.0002	0.0006	1.04E+07	0.282
2787.950	1200	0	9107	0.0010	-0.0002	0.0007	1.10E+07	0.219	1704.200	2200	0	13253	0.0012	-0.0003	0.0007	1.08E+07	0.280	2396.370	4200	0	11127	0.0011	-0.0002	0.0006	1.08E+07	0.261	1996.710	6199	0	11623	0.0011	-0.0002	0.0006	1.04E+07	0.282
2788.950	1199	0	9178	0.0010	-0.0002	0.0007	1.10E+07	0.221	1705.200	2200	0	13324	0.0012	-0.0003	0.0007	1.07E+07	0.279	2397.370	4200	0	11198	0.0011	-0.0002	0.0007	1.07E+07	0.261	1997.710	6200	0	11729	0.0011	-0.0002	0.0006	1.05E+07	0.282
2789.950	1200	0	9178	0.0010	-0.0002	0.0007	1.09E+07	0.220	1706.200	2200	0	13395	0.0012	-0.0003	0.0007	1.06E+07	0.278	2398.370	4201	0	11127	0.0011	-0.0002	0.0006	1.06E+07	0.263	1998.710	6200	0	11694	0.0011	-0.0002	0.0006	1.05E+07	0.282
2790.950	1200	0	9178	0.0010	-0.0002	0.0007	1.09E+07	0.222	1707.200	2200	0	13395	0.0012	-0.0003	0.0007	1.07E+07	0.278	2399.370	4200	0	11198	0.0011	-0.0002	0.0007	1.05E+07	0.263	1999.710	6199	0	11765	0.0011	-0.0002	0.0006	1.05E+07	0.281
2791.950	1199	0	9249	0.0011	-0.0002	0.0007	1.08E+07	0.220	1708.200	2201	0	13395	0.0012	-0.0003	0.0007	1.07E+07	0.279	2400.370	4201	0	11233	0.0011	-0.0002	0.0007	1.05E+07	0.262	2000.710	6199	0	11765	0.0011	-0.0002	0.0006	1.05E+07	0.283
2792.950	1200	0	9249	0.0011	-0.0002	0.0007	1.09E+07	0.222	1709.200	2201	0	13465	0.0012	-0.0003	0.0007	1.07E+07	0.279	2401.370	4199	0	11268	0.0011	-0.0002	0.0007	1.06E+07	0.261	2001.710	6200	0	11835	0.0011	-0.0002	0.0006	1.05E+07	0.282
2793.950	1201	0	9355	0.0011	-0.0002	0.0007	1.08E+07	0.222	1710.200	2200	0	13536	0.0013	-0.0003	0.0007	1.06E+07	0.278	2402.370	4202	0	11446	0.0011	-0.0002	0.0007	1.06E+07	0.261	2002.710	6199	0	11835	0.0011	-0.0002	0.0006	1.05E+07	0.280
2794.950	1201	0	9426	0.0010	-0.0002	0.0007	1.07E+07	0.220	1711.200	2200	0	13536	0.0013	-0.0003	0.0007	1.06E+07	0.278	2403.370	4200	0	11410	0.0011	-0.0002	0.0007	1.06E+07	0.263	2003.710	6199	0	11906	0.0011	-0.0002	0.0006	1.05E+07	0.281
2795.950	1199	0	9426	0.0010	-0.0002	0.0007	1.07E+07	0.222	1712.200	2200	0	13643	0.0013	-0.0003	0.0007	1.04E+07	0.274	2404.370	4201	0	11446	0.0011	-0.0002	0.0007	1.06E+07	0.263	2004.710	6200	0	11942	0.0011	-0.0002	0.0006	1.06E+07	0.282
2796.940	1199	0	9426	0.0011	-0.0002	0.0007	1.06E+07	0.223	1713.200	2201	0	13607	0.0013	-0.0003	0.0007	1.02E+07	0.272	2405.370	4198	0	11481	0.0011	-0.0002	0.0007	1.06E+07	0.265	2005.710	6200	0	12048	0.0011	-0.0002	0.0006	1.06E+07	0.281
2797.940	1200	0	9497	0.0011	-0.0002	0.0007	1.04E+07	0.220	1714.200	2200	0	13714	0.0013	-0.0003	0.0007	1.01E+07	0.270	2406.370	4199	0	11516	0.0011	-0.0002	0.0007	1.05E+07	0.262	2006.710	6201	0	12083	0.0011	-0.0002	0.0006	1.07E+07	0.281
2798.940	1201	0	9497	0.0011	-0.0002	0.0007	1.03E+07	0.220	1715.200	2200	0	13714	0.0013	-0.0003	0.0007	1.02E+07	0.272	2407.370	4200	0	11552	0.0011	-0.0002	0.0007	1.05E+07	0.263	2007.710	6199	0	12083	0.0011	-0.0002	0.0006	1.07E+07	0.281
2799.940	1200	0	9568	0.0011	-0.0002	0.0007	1.04E+07	0.220	1716.200	2201	0	13749	0.0013	-0.0003	0.0007	1.02E+07	0.273	2408.370	4200	0	11658	0.0011	-0.0002	0.0007	1.06E+07	0.265	2008.710	6200	0	12119	0.0011	-0.0003	0.0006	1.07E+07	0.280
2800.940	1202	0	9603	0.0011	-0.0002	0.0007	1.04E+07	0.221	1717.200	2201	0	13820	0.0013	-0.0003	0.0007	1.03E+07	0.274	2409.370	4200	0	11694	0													

2847.930	1201	0	11516	0.0013	-0.0002	0.0008	1.09E+07	0.247	1764.180	2201	0	15698	0.0015	-0.0003	0.0008	1.14E+07	0.307	2456.350	4202	0	14068	0.0014	-0.0003	0.0008	1.01E+07	0.280	2056.690	6200	0	14670	0.0013	-0.0003	0.0007	1.11E+07	0.305
2848.930	1199	0	11552	0.0012	-0.0002	0.0008	1.09E+07	0.248	1765.180	2201	0	15733	0.0015	-0.0003	0.0008	1.13E+07	0.304	2457.350	4200	0	14174	0.0013	-0.0003	0.0008	1.02E+07	0.279	2057.690	6200	0	14706	0.0013	-0.0003	0.0007	1.11E+07	0.305
2849.930	1201	0	11587	0.0013	-0.0002	0.0008	1.08E+07	0.249	1766.180	2200	0	15769	0.0015	-0.0003	0.0008	1.14E+07	0.305	2458.350	4200	0	14068	0.0014	-0.0003	0.0008	1.03E+07	0.282	2058.690	6199	0	14777	0.0013	-0.0003	0.0007	1.11E+07	0.306
2850.930	1202	0	11623	0.0013	-0.0002	0.0008	1.09E+07	0.251	1767.180	2201	0	15840	0.0015	-0.0003	0.0008	1.14E+07	0.306	2459.350	4198	0	13891	0.0014	-0.0003	0.0008	1.03E+07	0.283	2059.690	6199	0	14777	0.0013	-0.0003	0.0007	1.10E+07	0.305
2851.930	1204	0	11694	0.0013	-0.0002	0.0008	1.08E+07	0.251	1768.180	2199	0	15875	0.0015	-0.0003	0.0008	1.15E+07	0.308	2460.350	4198	0	13891	0.0014	-0.0003	0.0008	1.03E+07	0.281	2060.690	6200	0	14777	0.0013	-0.0003	0.0007	1.11E+07	0.308
2852.930	1201	0	11694	0.0013	-0.0002	0.0008	1.09E+07	0.255	1769.180	2201	0	15910	0.0015	-0.0003	0.0008	1.17E+07	0.312	2461.350	4201	0	13855	0.0014	-0.0003	0.0008	1.03E+07	0.282	2061.690	6199	0	14741	0.0014	-0.0003	0.0007	1.11E+07	0.308
2853.930	1200	0	11729	0.0013	-0.0002	0.0008	1.09E+07	0.258	1770.180	2201	0	15946	0.0015	-0.0003	0.0008	1.18E+07	0.315	2462.350	4199	0	13891	0.0014	-0.0003	0.0008	1.03E+07	0.284	2062.690	6201	0	14812	0.0014	-0.0003	0.0007	1.10E+07	0.308
2854.930	1201	0	11871	0.0013	-0.0002	0.0008	1.09E+07	0.260	1771.180	2200	0	15981	0.0015	-0.0003	0.0008	1.18E+07	0.317	2463.350	4200	0	13926	0.0014	-0.0003	0.0008	1.03E+07	0.282	2063.690	6199	0	14883	0.0013	-0.0003	0.0007	1.10E+07	0.309
2855.930	1201	0	11871	0.0013	-0.0002	0.0008	1.08E+07	0.261	1772.180	2201	0	16052	0.0015	-0.0003	0.0008	1.17E+07	0.315	2464.350	4201	0	14068	0.0014	-0.0003	0.0008	1.06E+07	0.286	2064.690	6199	0	14918	0.0014	-0.0003	0.0007	1.10E+07	0.310
2856.930	1200	0	11942	0.0013	-0.0002	0.0008	1.07E+07	0.258	1773.180	2199	0	16052	0.0015	-0.0003	0.0008	1.16E+07	0.315	2465.350	4201	0	14210	0.0014	-0.0003	0.0008	1.07E+07	0.291	2065.690	6200	0	14883	0.0014	-0.0003	0.0007	1.10E+07	0.311
2857.930	1200	0	12013	0.0013	-0.0002	0.0008	1.08E+07	0.259	1774.180	2201	0	16088	0.0015	-0.0003	0.0008	1.15E+07	0.313	2466.350	4201	0	14280	0.0014	-0.0003	0.0008	1.06E+07	0.291	2066.690	6201	0	14918	0.0014	-0.0003	0.0007	1.11E+07	0.312
2858.930	1200	0	12013	0.0013	-0.0002	0.0009	1.09E+07	0.261	1775.180	2200	0	16123	0.0015	-0.0003	0.0008	1.15E+07	0.313	2467.350	4201	0	14422	0.0014	-0.0003	0.0008	1.08E+07	0.295	2067.690	6199	0	14954	0.0014	-0.0003	0.0007	1.11E+07	0.314
2859.920	1199	0	12048	0.0013	-0.0002	0.0008	1.09E+07	0.258	1776.180	2200	0	16159	0.0015	-0.0003	0.0008	1.16E+07	0.316	2468.350	4200	0	14493	0.0014	-0.0003	0.0008	1.09E+07	0.296	2068.690	6199	0	14954	0.0014	-0.0003	0.0007	1.11E+07	0.314
2860.920	1200	0	12083	0.0013	-0.0002	0.0008	1.08E+07	0.257	1777.180	2199	0	16229	0.0015	-0.0003	0.0008	1.17E+07	0.321	2469.350	4199	0	14599	0.0014	-0.0003	0.0008	1.08E+07	0.294	2069.690	6199	0	15025	0.0014	-0.0003	0.0007	1.10E+07	0.315
2861.920	1199	0	12119	0.0013	-0.0002	0.0009	1.08E+07	0.255	1778.180	2201	0	16336	0.0015	-0.0003	0.0008	1.17E+07	0.321	2470.350	4200	0	14635	0.0014	-0.0003	0.0008	1.09E+07	0.295	2070.690	6201	0	15131	0.0014	-0.0003	0.0007	1.10E+07	0.318
2862.920	1200	0	12154	0.0013	-0.0002	0.0009	1.07E+07	0.253	1779.180	2200	0	16265	0.0015	-0.0003	0.0008	1.19E+07	0.325	2471.350	4201	0	14635	0.0014	-0.0003	0.0008	1.10E+07	0.296	2071.690	6203	0	15025	0.0014	-0.0003	0.0007	1.11E+07	0.320
2863.920	1199	0	12154	0.0013	-0.0002	0.0009	1.06E+07	0.250	1780.180	2199	0	16300	0.0015	-0.0003	0.0008	1.17E+07	0.325	2472.350	4202	0	14670	0.0014	-0.0003	0.0008	1.10E+07	0.294	2072.690	6201	0	15025	0.0014	-0.0003	0.0007	1.11E+07	0.322
2864.920	1201	0	12225	0.0013	-0.0002	0.0009	1.08E+07	0.251	1781.180	2201	0	16336	0.0015	-0.0004	0.0008	1.19E+07	0.331	2473.350	4200	0	14777	0.0014	-0.0003	0.0008	1.08E+07	0.295	2073.690	6199	0	15131	0.0014	-0.0003	0.0007	1.10E+07	0.320
2865.920	1201	0	12261	0.0013	-0.0002	0.0009	1.08E+07	0.252	1782.180	2201	0	16407	0.0015	-0.0004	0.0008	1.20E+07	0.331	2474.350	4200	0	14777	0.0014	-0.0003	0.0008	1.06E+07	0.295	2074.690	6200	0	15202	0.0014	-0.0003	0.0007	1.10E+07	0.321
2866.920	1199	0	12296	0.0013	-0.0002	0.0009	1.08E+07	0.251	1783.170	2201	0	16407	0.0015	-0.0003	0.0008	1.20E+07	0.333	2475.350	4200	0	14847	0.0014	-0.0003	0.0008	1.05E+07	0.297	2075.690	6199	0	15202	0.0014	-0.0003	0.0007	1.10E+07	0.323
2867.920	1202	0	12402	0.0013	-0.0002	0.0009	1.09E+07	0.254	1784.170	2201	0	16477	0.0015	-0.0004	0.0008	1.21E+07	0.332	2476.350	4200	0	14847	0.0014	-0.0003	0.0008	1.04E+07	0.298	2076.690	6201	0	15273	0.0014	-0.0003	0.0007	1.09E+07	0.318
2868.920	1200	0	12367	0.0013	-0.0002	0.0009	1.08E+07	0.252	1785.170	2200	0	16584	0.0015	-0.0004	0.0008	1.22E+07	0.338	2477.350	4200	0	14847	0.0014	-0.0003	0.0008	1.05E+07	0.297	2077.690	6199	0	15308	0.0014	-0.0003	0.0007	1.10E+07	0.320
2869.920	1201	0	12438	0.0013	-0.0002	0.0009	1.07E+07	0.250	1786.170	2201	0	16655	0.0015	-0.0004	0.0008	1.22E+07	0.338	2478.350	4200	0	14741	0.0014	-0.0003	0.0008	1.06E+07	0.301	2078.690	6199	0	15344	0.0014	-0.0003	0.0007	1.10E+07	0.322
2870.920	1199	0	12509	0.0014	-0.0002	0.0009	1.08E+07	0.248	1787.170	2199	0	16655	0.0015	-0.0004	0.0008	1.22E+07	0.339	2479.350	4202	0	14741	0.0014	-0.0003	0.0008	1.06E+07	0.300	2079.690	6201	0	15379	0.0014	-0.0003	0.0007	1.10E+07	0.322
2871.920	1199	0	12473	0.0013	-0.0002	0.0009	1.08E+07	0.248	1788.170	2200	0	16655	0.0015	-0.0004	0.0008	1.23E+07	0.342	2480.350	4199	0	14741	0.0014	-0.0003	0.0008	1.08E+07	0.302	2080.690	6200	0	15344	0.0014	-0.0003	0.0007	1.11E+07	0.323
2872.920	1200	0	12580	0.0013	-0.0002	0.0009	1.07E+07	0.248	1789.170	2201	0	16761	0.0015	-0.0004	0.0008	1.23E+07	0.341	2481.350	4200	0	14883	0.0014	-0.0003	0.0008	1.07E+07	0.301	2081.690	6202	0	15450	0.0014	-0.0003	0.0007	1.10E+07	0.317
2873.920	1200	0	12650	0.0013	-0.0002	0.0009	1.07E+07	0.247	1790.170	2201	0	16761	0.0015	-0.0004	0.0008	1.22E+07	0.340	2482.350	4199	0	14918	0.0014	-0.0003	0.0008	1.08E+07	0.301	2082.690	6199	0	15485	0.0014	-0.0003	0.0007	1.10E+07	0.316
2874.920	1203	0	12615	0.0014	-0.0002	0.0009	1.07E+07	0.249	1791.170	2200	0	16832	0.0016	-0.0004	0.0008	1.22E+07	0.342	2483.350	4199	0	15025	0.0014	-0.0003	0.0008	1.11E+07	0.304	2083.690	6199	0	15485	0.0014	-0.0003	0.0007	1.10E+07	0.319
2875.920	1200	0	12721	0.0014	-0.0002	0.0009	1.07E+07	0.248	1792.170	2200	0	16796	0.0015	-0.0004	0.0008	1.22E+07	0.344	2484.350	4200	0	14989	0.0014	-0.0003	0.0008	1.11E+07	0.303	2084.690	6199	0	15556	0.0014	-0.0003	0.0007	1.11E+07	0.321
2876.920	1200	0	12721	0.0014	-0.0002	0.0009	1.06E+07	0.247	1793.170	2201	0	16903	0.0015	-0.0004	0.0008	1.23E+07	0.346	2485.350	4200	0	15025	0.0014	-0.0003	0.0008	1.10E+07	0.305	2085.690	6201	0	15592	0.0014	-0.0003	0.0007	1.10E+07	0.319
2877.920	1200	0	12721	0.0014	-0.0002	0.0009	1.06E+07	0.247	1794.170	2201	0	16974	0.0016	-0.0004	0.0008	1.24E+07	0.347	2486.350	4200	0	14989	0.0015	-0.0003	0.0008	1.10E+07	0.306	2086.680	6199	0	15592	0.0014	-0.0003	0.0007	1.10E+07	0.321
2878.920	1200	0	12792	0.0014	-0.0002	0.0009	1.05E+07	0.245	1795.170	2200	0	16974	0.0016	-0.0004	0.0008	1.24E+07	0.348	2487.350	4202	0	15095	0.0015	-0.0003	0.0008	1.07E+07	0.307	2087.680	6201	0	15662	0.0014	-0.0003	0.0007	1.09E+07	0.322
2879.920	1201	0	12828	0.0014	-0.0002	0.0009	1.04E+07	0.245	1796.170	2200	0	16974	0.0016	-0.0004	0.0008	1.24E+07	0.350	2488.3																	

2926.900	1202	0	14706	0.0015	-0.0003	0.0010	1.06E+07	0.269	1843.160	2201	0	18922	0.0017	-0.0004	0.0009	1.19E+07	0.338	2535.330	4200	0	17080	0.0016	-0.0004	0.0009	1.07E+07	0.331	2135.670	6200	0	17576	0.0016	-0.0004	0.0008	1.06E+07	0.321
2927.900	1200	0	14777	0.0016	-0.0003	0.0010	1.07E+07	0.272	1844.160	2201	0	18922	0.0017	-0.0004	0.0009	1.19E+07	0.337	2536.330	4200	0	17115	0.0017	-0.0004	0.0009	1.08E+07	0.334	2136.670	6201	0	17611	0.0016	-0.0004	0.0008	1.06E+07	0.321
2928.900	1202	0	14812	0.0016	-0.0003	0.0010	1.07E+07	0.273	1845.150	2200	0	18993	0.0017	-0.0004	0.0009	1.19E+07	0.336	2537.330	4199	0	17151	0.0016	-0.0004	0.0009	1.09E+07	0.337	2137.670	6200	0	17611	0.0016	-0.0004	0.0008	1.07E+07	0.323
2929.900	1200	0	14883	0.0016	-0.0003	0.0010	1.06E+07	0.272	1846.150	2200	0	18993	0.0017	-0.0004	0.0009	1.19E+07	0.339	2538.330	4201	0	17257	0.0016	-0.0004	0.0009	1.08E+07	0.336	2138.670	6201	0	17647	0.0016	-0.0004	0.0008	1.07E+07	0.327
2930.900	1201	0	14883	0.0016	-0.0003	0.0010	1.07E+07	0.275	1847.150	2201	0	19100	0.0017	-0.0004	0.0009	1.17E+07	0.338	2539.330	4199	0	17222	0.0016	-0.0004	0.0009	1.08E+07	0.339	2139.670	6200	0	17647	0.0016	-0.0004	0.0008	1.07E+07	0.327
2931.900	1200	0	14847	0.0016	-0.0003	0.0010	1.06E+07	0.276	1848.150	2200	0	19135	0.0017	-0.0004	0.0009	1.18E+07	0.340	2540.330	4200	0	17328	0.0017	-0.0004	0.0009	1.08E+07	0.340	2140.670	6200	0	17753	0.0016	-0.0004	0.0008	1.05E+07	0.323
2932.900	1200	0	14918	0.0016	-0.0003	0.0010	1.06E+07	0.276	1849.150	2201	0	19171	0.0017	-0.0004	0.0009	1.18E+07	0.340	2541.330	4200	0	17328	0.0016	-0.0004	0.0009	1.06E+07	0.338	2141.670	6201	0	17789	0.0016	-0.0004	0.0008	1.06E+07	0.325
2933.900	1203	0	15060	0.0016	-0.0003	0.0010	1.05E+07	0.277	1850.150	2198	0	19206	0.0017	-0.0004	0.0009	1.18E+07	0.342	2542.330	4200	0	17363	0.0017	-0.0004	0.0009	1.08E+07	0.342	2142.670	6200	0	17824	0.0016	-0.0004	0.0008	1.07E+07	0.326
2934.900	1200	0	15095	0.0016	-0.0003	0.0010	1.04E+07	0.276	1851.150	2201	0	19277	0.0018	-0.0004	0.0009	1.17E+07	0.340	2543.330	4199	0	17470	0.0017	-0.0004	0.0009	1.09E+07	0.345	2143.670	6200	0	17859	0.0016	-0.0004	0.0008	1.07E+07	0.325
2935.900	1201	0	15202	0.0016	-0.0003	0.0010	1.03E+07	0.276	1852.150	2201	0	19241	0.0018	-0.0004	0.0009	1.16E+07	0.336	2544.330	4197	0	17399	0.0017	-0.0004	0.0009	1.08E+07	0.339	2144.670	6201	0	17895	0.0016	-0.0004	0.0008	1.08E+07	0.326
2936.900	1200	0	15131	0.0016	-0.0003	0.0010	1.03E+07	0.275	1853.150	2201	0	19348	0.0017	-0.0004	0.0009	1.15E+07	0.339	2545.330	4201	0	17505	0.0017	-0.0004	0.0009	1.08E+07	0.339	2145.670	6199	0	17930	0.0016	-0.0004	0.0008	1.09E+07	0.326
2937.900	1200	0	15166	0.0016	-0.0003	0.0010	1.03E+07	0.274	1854.150	2201	0	19383	0.0018	-0.0004	0.0009	1.15E+07	0.340	2546.330	4201	0	17540	0.0017	-0.0004	0.0009	1.09E+07	0.341	2146.670	6201	0	17966	0.0016	-0.0004	0.0008	1.09E+07	0.325
2938.900	1199	0	15237	0.0016	-0.0003	0.0010	1.02E+07	0.274	1855.150	2200	0	19454	0.0018	-0.0004	0.0009	1.15E+07	0.341	2547.330	4202	0	17576	0.0017	-0.0004	0.0009	1.09E+07	0.343	2147.670	6200	0	18001	0.0017	-0.0004	0.0008	1.11E+07	0.330
2939.900	1201	0	15237	0.0016	-0.0003	0.0010	1.02E+07	0.277	1856.150	2199	0	19454	0.0018	-0.0004	0.0009	1.15E+07	0.339	2548.330	4201	0	17647	0.0017	-0.0004	0.0009	1.09E+07	0.344	2148.660	6200	0	18108	0.0016	-0.0004	0.0008	1.11E+07	0.330
2940.900	1200	0	15308	0.0016	-0.0003	0.0010	1.02E+07	0.277	1857.150	2200	0	19454	0.0018	-0.0004	0.0009	1.15E+07	0.342	2549.330	4199	0	17647	0.0017	-0.0004	0.0009	1.09E+07	0.345	2149.660	6199	0	18108	0.0017	-0.0004	0.0008	1.11E+07	0.332
2941.900	1201	0	15379	0.0016	-0.0003	0.0010	1.01E+07	0.275	1858.150	2201	0	19560	0.0018	-0.0004	0.0009	1.15E+07	0.342	2550.320	4199	0	17682	0.0017	-0.0004	0.0009	1.08E+07	0.344	2150.660	6199	0	18143	0.0017	-0.0004	0.0008	1.12E+07	0.335
2942.900	1200	0	15450	0.0016	-0.0003	0.0010	1.02E+07	0.276	1859.150	2201	0	19560	0.0018	-0.0004	0.0009	1.15E+07	0.345	2551.320	4200	0	17682	0.0017	-0.0004	0.0009	1.09E+07	0.345	2151.660	6200	0	18214	0.0017	-0.0004	0.0008	1.13E+07	0.337
2943.900	1199	0	15344	0.0016	-0.0003	0.0010	1.02E+07	0.280	1860.150	2200	0	19631	0.0018	-0.0004	0.0009	1.15E+07	0.347	2552.320	4200	0	17753	0.0017	-0.0004	0.0009	1.11E+07	0.346	2152.660	6200	0	18249	0.0017	-0.0004	0.0008	1.13E+07	0.338
2944.900	1200	0	15521	0.0016	-0.0003	0.0010	1.02E+07	0.281	1861.150	2199	0	19667	0.0018	-0.0004	0.0009	1.15E+07	0.347	2553.320	4199	0	17789	0.0017	-0.0004	0.0009	1.08E+07	0.342	2153.660	6200	0	18249	0.0017	-0.0004	0.0008	1.13E+07	0.338
2945.900	1202	0	15521	0.0016	-0.0003	0.0010	1.03E+07	0.283	1862.150	2201	0	19738	0.0018	-0.0004	0.0009	1.15E+07	0.350	2554.320	4203	0	17859	0.0017	-0.0004	0.0009	1.09E+07	0.341	2154.660	6199	0	18356	0.0017	-0.0004	0.0008	1.14E+07	0.339
2946.900	1199	0	15556	0.0016	-0.0003	0.0010	1.01E+07	0.282	1863.150	2201	0	19702	0.0018	-0.0004	0.0009	1.14E+07	0.350	2555.320	4201	0	17859	0.0017	-0.0004	0.0009	1.10E+07	0.342	2155.660	6200	0	18356	0.0017	-0.0004	0.0008	1.14E+07	0.338
2947.900	1201	0	15592	0.0017	-0.0003	0.0010	1.01E+07	0.284	1864.150	2200	0	19773	0.0018	-0.0004	0.0009	1.15E+07	0.350	2556.320	4201	0	17895	0.0017	-0.0004	0.0009	1.09E+07	0.344	2156.660	6199	0	18391	0.0017	-0.0004	0.0008	1.14E+07	0.340
2948.900	1201	0	15627	0.0016	-0.0003	0.0010	1.01E+07	0.286	1865.150	2201	0	19879	0.0018	-0.0004	0.0009	1.14E+07	0.349	2557.320	4200	0	17930	0.0017	-0.0004	0.0009	1.11E+07	0.347	2157.660	6199	0	18426	0.0017	-0.0004	0.0008	1.15E+07	0.342
2949.900	1202	0	15627	0.0016	-0.0003	0.0010	1.01E+07	0.287	1866.150	2201	0	19915	0.0018	-0.0005	0.0009	1.15E+07	0.350	2558.320	4199	0	18001	0.0017	-0.0004	0.0009	1.12E+07	0.347	2158.660	6199	0	18462	0.0017	-0.0004	0.0008	1.14E+07	0.341
2950.900	1199	0	15769	0.0016	-0.0003	0.0010	1.01E+07	0.289	1867.150	2201	0	19986	0.0018	-0.0004	0.0009	1.14E+07	0.349	2559.320	4199	0	18037	0.0017	-0.0004	0.0009	1.11E+07	0.345	2159.660	6201	0	18533	0.0017	-0.0004	0.0008	1.14E+07	0.342
2951.900	1202	0	15769	0.0016	-0.0003	0.0010	1.02E+07	0.294	1868.150	2200	0	19915	0.0018	-0.0005	0.0009	1.12E+07	0.348	2560.320	4199	0	18107	0.0017	-0.0004	0.0009	1.12E+07	0.346	2160.660	6201	0	18604	0.0017	-0.0004	0.0008	1.16E+07	0.343
2952.900	1201	0	15804	0.0016	-0.0003	0.0010	1.01E+07	0.295	1869.150	2201	0	20056	0.0018	-0.0005	0.0009	1.13E+07	0.352	2561.320	4200	0	18143	0.0017	-0.0004	0.0009	1.13E+07	0.348	2161.660	6199	0	18604	0.0017	-0.0004	0.0008	1.17E+07	0.345
2953.890	1201	0	15875	0.0017	-0.0003	0.0010	1.00E+07	0.295	1870.150	2199	0	20127	0.0018	-0.0005	0.0009	1.12E+07	0.353	2562.320	4199	0	18107	0.0017	-0.0004	0.0009	1.12E+07	0.345	2162.660	6199	0	18639	0.0017	-0.0004	0.0008	1.19E+07	0.347
2954.890	1201	0	15875	0.0017	-0.0003	0.0010	1.01E+07	0.301	1871.150	2199	0	20092	0.0018	-0.0005	0.0009	1.12E+07	0.353	2563.320	4200	0	18214	0.0017	-0.0004	0.0009	1.13E+07	0.347	2163.660	6199	0	18674	0.0017	-0.0004	0.0008	1.19E+07	0.349
2955.890	1199	0	15910	0.0017	-0.0003	0.0010	1.01E+07	0.301	1872.150	2200	0	20163	0.0018	-0.0005	0.0009	1.11E+07	0.355	2564.320	4200	0	18249	0.0017	-0.0004	0.0009	1.15E+07	0.348	2164.660	6199	0	18710	0.0017	-0.0004	0.0008	1.17E+07	0.346
2956.890	1199	0	15946	0.0017	-0.0003	0.0010	9.97E+06	0.300	1873.150	2201	0	20198	0.0018	-0.0005	0.0009	1.12E+07	0.357	2565.320	4200	0	18249	0.0017	-0.0004	0.0009	1.14E+07	0.344	2165.660	6200	0	18816	0.0017	-0.0004	0.0009	1.17E+07	0.348
2957.890	1200	0	15981	0.0017	-0.0003	0.0010	9.94E+06	0.305	1874.150	2199	0	20234	0.0018	-0.0005	0.0009	1.11E+07	0.357	2566.320	4200	0	18285	0.0018	-0.0004	0.0009	1.14E+07	0.346	2166.660	6200	0	18816	0.0017	-0.0004	0.0008	1.16E+07	0.349
2958.890	1199	0	16052	0.0017	-0.0003	0.0010	9.83E+06	0.306	1875.150	2199	0	20304	0.0018	-0.0005	0.0009	1.11E+07	0.358	2567.3																	

3005.880	1201	0	17895	0.0019	-0.0004	0.0011	9.67E+06	0.363	1922.130	2201	0	22183	0.0020	-0.0005	0.0010	1.03E+07	0.409	2614.300	4199	0	20269	0.0019	-0.0005	0.0010	1.08E+07	0.329	2214.640	6199	0	21190	0.0019	-0.0005	0.0009	1.07E+07	0.352
3006.880	1201	0	17930	0.0019	-0.0004	0.0011	9.65E+06	0.366	1923.130	2200	0	22253	0.0020	-0.0005	0.0010	1.03E+07	0.414	2615.300	4199	0	20375	0.0019	-0.0005	0.0010	1.07E+07	0.326	2215.640	6199	0	21155	0.0019	-0.0005	0.0009	1.06E+07	0.351
3007.880	1201	0	18037	0.0019	-0.0004	0.0011	9.72E+06	0.368	1924.130	2200	0	22289	0.0020	-0.0005	0.0010	1.02E+07	0.415	2616.300	4200	0	20375	0.0019	-0.0005	0.0010	1.07E+07	0.326	2216.640	6199	0	21297	0.0019	-0.0005	0.0009	1.06E+07	0.354
3008.880	1201	0	18037	0.0019	-0.0004	0.0011	9.80E+06	0.372	1925.130	2200	0	22289	0.0020	-0.0005	0.0010	1.01E+07	0.418	2617.300	4199	0	20411	0.0019	-0.0005	0.0010	1.08E+07	0.328	2217.640	6201	0	21261	0.0019	-0.0005	0.0009	1.05E+07	0.356
3009.880	1200	0	18072	0.0019	-0.0004	0.0011	9.73E+06	0.372	1926.130	2201	0	22324	0.0020	-0.0005	0.0010	1.00E+07	0.418	2618.300	4201	0	20552	0.0019	-0.0005	0.0010	1.08E+07	0.330	2218.640	6199	0	21332	0.0019	-0.0005	0.0009	1.05E+07	0.357
3010.880	1199	0	18072	0.0019	-0.0004	0.0011	9.73E+06	0.373	1927.130	2200	0	22289	0.0020	-0.0005	0.0010	9.95E+06	0.419	2619.300	4202	0	20482	0.0019	-0.0005	0.0010	1.07E+07	0.330	2219.640	6200	0	21297	0.0020	-0.0005	0.0009	1.06E+07	0.362
3011.880	1200	0	18072	0.0019	-0.0004	0.0011	9.67E+06	0.373	1928.130	2201	0	22431	0.0020	-0.0005	0.0010	9.87E+06	0.423	2620.300	4201	0	20623	0.0020	-0.0005	0.0010	1.08E+07	0.329	2220.640	6201	0	21368	0.0019	-0.0005	0.0009	1.07E+07	0.366
3012.880	1201	0	18143	0.0019	-0.0004	0.0011	9.55E+06	0.374	1929.130	2199	0	22466	0.0020	-0.0005	0.0010	9.82E+06	0.426	2621.300	4200	0	20623	0.0019	-0.0005	0.0010	1.08E+07	0.330	2221.640	6200	0	21368	0.0019	-0.0005	0.0009	1.06E+07	0.365
3013.880	1199	0	18178	0.0019	-0.0004	0.0011	9.51E+06	0.374	1930.130	2201	0	22502	0.0020	-0.0005	0.0010	9.91E+06	0.435	2622.300	4200	0	20623	0.0019	-0.0005	0.0010	1.07E+07	0.328	2222.640	6199	0	21438	0.0019	-0.0005	0.0009	1.08E+07	0.371
3014.880	1202	0	18214	0.0019	-0.0004	0.0011	9.61E+06	0.377	1931.130	2201	0	22502	0.0020	-0.0005	0.0010	9.96E+06	0.438	2623.300	4201	0	20659	0.0019	-0.0005	0.0010	1.07E+07	0.330	2223.640	6199	0	21509	0.0019	-0.0005	0.0009	1.10E+07	0.370
3015.870	1202	0	18249	0.0019	-0.0004	0.0011	9.40E+06	0.374	1932.130	2201	0	22537	0.0020	-0.0005	0.0010	9.95E+06	0.440	2624.300	4201	0	20765	0.0019	-0.0005	0.0010	1.08E+07	0.333	2224.640	6199	0	21403	0.0019	-0.0005	0.0009	1.10E+07	0.365
3016.870	1201	0	18320	0.0019	-0.0004	0.0011	9.31E+06	0.375	1933.130	2200	0	22572	0.0021	-0.0005	0.0010	9.92E+06	0.444	2625.300	4200	0	20765	0.0020	-0.0005	0.0010	1.06E+07	0.333	2225.640	6199	0	21509	0.0020	-0.0005	0.0009	1.10E+07	0.365
3017.870	1201	0	18356	0.0019	-0.0004	0.0011	9.25E+06	0.377	1934.130	2199	0	22572	0.0021	-0.0005	0.0010	9.93E+06	0.448	2626.300	4201	0	20801	0.0020	-0.0005	0.0010	1.06E+07	0.333	2226.640	6199	0	21545	0.0019	-0.0005	0.0009	1.12E+07	0.363
3018.870	1200	0	18426	0.0019	-0.0004	0.0011	9.26E+06	0.383	1935.130	2201	0	22679	0.0021	-0.0005	0.0010	9.70E+06	0.444	2627.300	4201	0	20871	0.0020	-0.0005	0.0010	1.07E+07	0.334	2227.640	6200	0	21545	0.0020	-0.0005	0.0009	1.12E+07	0.363
3019.870	1201	0	18356	0.0019	-0.0004	0.0011	9.33E+06	0.387	1936.130	2200	0	22643	0.0021	-0.0005	0.0010	9.63E+06	0.446	2628.300	4199	0	20942	0.0020	-0.0005	0.0010	1.05E+07	0.335	2228.640	6201	0	21580	0.0020	-0.0005	0.0009	1.13E+07	0.361
3020.870	1200	0	18462	0.0019	-0.0004	0.0011	9.33E+06	0.393	1937.130	2201	0	22785	0.0021	-0.0006	0.0010	9.61E+06	0.451	2629.300	4201	0	21013	0.0020	-0.0005	0.0010	1.07E+07	0.339	2229.640	6200	0	21651	0.0020	-0.0005	0.0009	1.14E+07	0.362
3021.870	1200	0	18533	0.0019	-0.0004	0.0011	9.29E+06	0.398	1938.130	2199	0	22750	0.0021	-0.0006	0.0010	9.50E+06	0.453	2630.300	4201	0	21013	0.0020	-0.0005	0.0010	1.07E+07	0.341	2230.640	6201	0	21651	0.0020	-0.0005	0.0009	1.15E+07	0.364
3022.870	1200	0	18533	0.0019	-0.0004	0.0011	9.32E+06	0.401	1939.120	2201	0	22820	0.0021	-0.0006	0.0010	9.49E+06	0.457	2631.300	4200	0	21049	0.0020	-0.0005	0.0010	1.07E+07	0.342	2231.640	6201	0	21757	0.0020	-0.0005	0.0009	1.17E+07	0.369
3023.870	1201	0	18604	0.0019	-0.0004	0.0011	9.39E+06	0.412	1940.120	2201	0	22820	0.0021	-0.0006	0.0010	9.38E+06	0.458	2632.300	4199	0	21013	0.0020	-0.0005	0.0010	1.07E+07	0.343	2232.640	6199	0	21757	0.0020	-0.0005	0.0009	1.18E+07	0.370
3024.870	1200	0	18639	0.0019	-0.0004	0.0011	9.22E+06	0.415	1941.120	2201	0	22856	0.0021	-0.0006	0.0010	9.45E+06	0.465	2633.300	4199	0	21049	0.0020	-0.0005	0.0010	1.08E+07	0.346	2233.640	6199	0	21793	0.0020	-0.0005	0.0009	1.19E+07	0.367
3025.870	1201	0	18639	0.0020	-0.0004	0.0011	9.08E+06	0.418	1942.120	2201	0	22927	0.0021	-0.0006	0.0010	9.43E+06	0.464	2634.300	4200	0	21120	0.0020	-0.0005	0.0010	1.07E+07	0.345	2234.640	6199	0	21793	0.0020	-0.0005	0.0009	1.19E+07	0.368
3026.870	1201	0	18745	0.0019	-0.0004	0.0011	9.05E+06	0.423	1943.120	2201	0	22962	0.0021	-0.0006	0.0010	9.45E+06	0.468	2635.300	4201	0	21155	0.0020	-0.0005	0.0010	1.08E+07	0.345	2235.640	6200	0	21828	0.0020	-0.0005	0.0009	1.19E+07	0.368
3027.870	1199	0	18745	0.0019	-0.0004	0.0011	9.00E+06	0.427	1944.120	2201	0	23033	0.0021	-0.0006	0.0010	9.41E+06	0.471	2636.300	4204	0	21261	0.0020	-0.0005	0.0010	1.09E+07	0.347	2236.640	6199	0	21864	0.0020	-0.0005	0.0009	1.15E+07	0.362
3028.870	1201	0	18781	0.0019	-0.0004	0.0011	8.89E+06	0.429	1945.120	2199	0	23033	0.0021	-0.0006	0.0010	9.46E+06	0.475	2637.300	4201	0	21261	0.0020	-0.0005	0.0010	1.06E+07	0.342	2237.640	6200	0	21934	0.0020	-0.0005	0.0009	1.15E+07	0.364
3029.870	1201	0	18816	0.0019	-0.0004	0.0011	8.96E+06	0.434	1946.120	2201	0	23104	0.0021	-0.0006	0.0010	9.55E+06	0.481	2638.300	4201	0	21297	0.0020	-0.0005	0.0010	1.06E+07	0.340	2238.640	6199	0	22041	0.0020	-0.0005	0.0009	1.15E+07	0.365
3030.870	1201	0	18816	0.0020	-0.0004	0.0011	8.87E+06	0.437	1947.120	2200	0	23104	0.0021	-0.0006	0.0010	9.59E+06	0.487	2639.300	4201	0	21297	0.0020	-0.0005	0.0010	1.06E+07	0.340	2239.640	6199	0	22005	0.0020	-0.0005	0.0009	1.15E+07	0.367
3031.870	1202	0	18887	0.0020	-0.0004	0.0011	8.87E+06	0.443	1948.120	2201	0	23139	0.0021	-0.0006	0.0010	9.42E+06	0.487	2640.300	4199	0	21332	0.0020	-0.0005	0.0010	1.05E+07	0.340	2240.640	6201	0	22147	0.0020	-0.0005	0.0009	1.14E+07	0.363
3032.870	1200	0	18958	0.0020	-0.0004	0.0011	8.97E+06	0.454	1949.120	2201	0	23139	0.0021	-0.0006	0.0010	9.43E+06	0.491	2641.300	4201	0	21403	0.0020	-0.0005	0.0010	1.06E+07	0.342	2241.640	6199	0	22076	0.0020	-0.0005	0.0009	1.13E+07	0.362
3033.870	1202	0	18993	0.0020	-0.0004	0.0011	9.03E+06	0.461	1950.120	2200	0	23210	0.0021	-0.0006	0.0010	9.44E+06	0.494	2642.300	4200	0	21438	0.0020	-0.0005	0.0010	1.07E+07	0.347	2242.630	6200	0	22147	0.0020	-0.0005	0.0009	1.12E+07	0.364
3034.870	1202	0	18958	0.0020	-0.0004	0.0011	8.96E+06	0.461	1951.120	2200	0	23246	0.0021	-0.0006	0.0010	9.41E+06	0.499	2643.300	4201	0	21509	0.0020	-0.0005	0.0010	1.08E+07	0.349	2243.630	6200	0	22218	0.0020	-0.0005	0.0009	1.12E+07	0.362
3035.870	1201	0	19064	0.0020	-0.0004	0.0011	9.00E+06	0.463	1952.120	2199	0	23281	0.0021	-0.0006	0.0010	9.40E+06	0.502	2644.290	4200	0	21616	0.0020	-0.0005	0.0010	1.10E+07	0.351	2244.630	6201	0	22289	0.0020	-0.0005	0.0009	1.13E+07	0.364
3036.870	1200	0	19064	0.0020	-0.0004	0.0011	9.02E+06	0.467	1953.120	2199	0	23281	0.0021	-0.0006	0.0010	9.38E+06	0.509	2645.290	4201	0	21580	0.0020	-0.0005	0.0010	1.11E+07	0.353	2245.630	6200	0	22253	0.0020	-0.0005	0.0009	1.12E+07	0.362
3037.870	1200	0	19100	0.0020	-0.0004	0.0011	8.96E+06	0.468	1954.120	2201	0	23316	0.0021	-0.0006	0.0010	9.37E+06	0.509	2646.2																	



2693.280	4200	0	23777	0.0022	-0.0006	0.0011	1.12E+07	0.369	2293.620	6200	0	24309	0.0022	-0.0006	0.0010	1.10E+07	0.367
2694.280	4201	0	23919	0.0022	-0.0006	0.0011	1.14E+07	0.369	2294.620	6200	0	24344	0.0022	-0.0006	0.0010	1.10E+07	0.367
2695.280	4200	0	23990	0.0022	-0.0006	0.0011	1.17E+07	0.369	2295.620	6201	0	24380	0.0022	-0.0006	0.0010	1.10E+07	0.367
2696.280	4202	0	24025	0.0022	-0.0006	0.0010	1.20E+07	0.372	2296.620	6200	0	24450	0.0022	-0.0006	0.0010	1.09E+07	0.366
2697.280	4199	0	24096	0.0023	-0.0006	0.0011	1.20E+07	0.371	2297.620	6201	0	24486	0.0022	-0.0006	0.0010	1.09E+07	0.365
2698.280	4199	0	24167	0.0023	-0.0006	0.0011	1.21E+07	0.370	2298.620	6199	0	24450	0.0022	-0.0006	0.0010	1.08E+07	0.366
2699.280	4200	0	24238	0.0023	-0.0006	0.0011	1.22E+07	0.370	2299.620	6201	0	24592	0.0022	-0.0006	0.0010	1.07E+07	0.366
2700.280	4199	0	24238	0.0023	-0.0006	0.0011	1.23E+07	0.369	2300.620	6199	0	24628	0.0022	-0.0006	0.0010	1.07E+07	0.365
2701.280	4202	0	24344	0.0023	-0.0006	0.0011	1.22E+07	0.368	2301.620	6201	0	24663	0.0022	-0.0006	0.0010	1.08E+07	0.372
2702.280	4200	0	24450	0.0023	-0.0006	0.0011	1.23E+07	0.370	2302.620	6200	0	24663	0.0022	-0.0006	0.0010	1.08E+07	0.372
2703.280	4200	0	24450	0.0023	-0.0006	0.0011	1.22E+07	0.371	2303.620	6199	0	24805	0.0023	-0.0006	0.0010	1.07E+07	0.370
2704.280	4200	0	24486	0.0023	-0.0006	0.0011	1.20E+07	0.369	2304.610	6199	0	24769	0.0022	-0.0006	0.0010	1.08E+07	0.374
2705.280	4202	0	24521	0.0023	-0.0006	0.0011	1.21E+07	0.371	2305.610	6201	0	24840	0.0022	-0.0006	0.0010	1.06E+07	0.372
2706.280	4201	0	24592	0.0023	-0.0006	0.0011	1.19E+07	0.371	2306.610	6199	0	24911	0.0022	-0.0006	0.0010	1.07E+07	0.371
2707.270	4199	0	24628	0.0023	-0.0006	0.0011	1.20E+07	0.374	2307.610	6200	0	24946	0.0022	-0.0006	0.0010	1.07E+07	0.370
2708.270	4199	0	24663	0.0023	-0.0006	0.0011	1.21E+07	0.377	2308.610	6200	0	24982	0.0022	-0.0006	0.0010	1.07E+07	0.369
2709.270	4200	0	24769	0.0023	-0.0006	0.0011	1.22E+07	0.379	2309.610	6201	0	25088	0.0023	-0.0006	0.0010	1.06E+07	0.372
2710.270	4199	0	24805	0.0023	-0.0006	0.0011	1.21E+07	0.378	2310.610	6200	0	25017	0.0023	-0.0006	0.0010	1.07E+07	0.373
2711.270	4199	0	24805	0.0023	-0.0006	0.0011	1.23E+07	0.379	2311.610	6200	0	25124	0.0023	-0.0006	0.0010	1.07E+07	0.374
2712.270	4202	0	24805	0.0023	-0.0006	0.0011	1.23E+07	0.380	2312.610	6200	0	25195	0.0023	-0.0006	0.0010	1.08E+07	0.377
2713.270	4201	0	24911	0.0023	-0.0006	0.0011	1.21E+07	0.378	2313.610	6200	0	25230	0.0023	-0.0006	0.0010	1.08E+07	0.381
2714.270	4199	0	25017	0.0023	-0.0006	0.0011	1.17E+07	0.379	2314.610	6200	0	25195	0.0023	-0.0006	0.0010	1.07E+07	0.380
2715.270	4201	0	25017	0.0023	-0.0006	0.0011	1.13E+07	0.380	2315.610	6201	0	25336	0.0023	-0.0006	0.0010	1.07E+07	0.382
2716.270	4199	0	25124	0.0024	-0.0006	0.0011	1.09E+07	0.380	2316.610	6199	0	25372	0.0023	-0.0006	0.0010	1.07E+07	0.381
2717.270	4199	0	25053	0.0024	-0.0006	0.0011	1.07E+07	0.380	2317.610	6199	0	25336	0.0023	-0.0006	0.0010	1.06E+07	0.378
2718.270	4198	0	25088	0.0023	-0.0006	0.0011	1.04E+07	0.376	2318.610	6200	0	25407	0.0023	-0.0007	0.0010	1.06E+07	0.379
2719.270	4199	0	25230	0.0023	-0.0006	0.0011	1.03E+07	0.375	2319.610	6199	0	25443	0.0023	-0.0007	0.0010	1.07E+07	0.381
2720.270	4202	0	25195	0.0024	-0.0006	0.0011	1.04E+07	0.377	2320.610	6200	0	25549	0.0023	-0.0007	0.0010	1.07E+07	0.383
2721.270	4200	0	25195	0.0024	-0.0006	0.0011	1.04E+07	0.377	2321.610	6200	0	25620	0.0023	-0.0007	0.0010	1.07E+07	0.382
2722.270	4198	0	25195	0.0024	-0.0006	0.0011	1.02E+07	0.375	2322.610	6199	0	25584	0.0023	-0.0007	0.0010	1.07E+07	0.383
2723.270	4201	0	25301	0.0024	-0.0006	0.0011	1.02E+07	0.376	2323.610	6199	0	25584	0.0023	-0.0007	0.0010	1.06E+07	0.382
2724.270	4201	0	25372	0.0024	-0.0006	0.0011	1.03E+07	0.377	2324.610	6199	0	25655	0.0023	-0.0007	0.0010	1.07E+07	0.387
2725.270	4200	0	25372	0.0024	-0.0006	0.0011	1.02E+07	0.375	2325.610	6201	0	25691	0.0023	-0.0007	0.0010	1.09E+07	0.395
2726.270	4201	0	25372	0.0024	-0.0006	0.0011	1.01E+07	0.376	2326.610	6199	0	25726	0.0023	-0.0007	0.0010	1.08E+07	0.390
2727.270	4198	0	25407	0.0024	-0.0006	0.0011	1.01E+07	0.377	2327.610	6199	0	25832	0.0023	-0.0007	0.0010	1.08E+07	0.391
2728.270	4199	0	25443	0.0024	-0.0006	0.0011	1.01E+07	0.380	2328.610	6199	0	25832	0.0023	-0.0007	0.0010	1.09E+07	0.395
2729.270	4201	0	25478	0.0024	-0.0007	0.0011	1.01E+07	0.382	2329.610	6199	0	25797	0.0023	-0.0007	0.0010	1.09E+07	0.393
2730.270	4198	0	25549	0.0024	-0.0006	0.0011	1.01E+07	0.383	2330.610	6199	0	25868	0.0023	-0.0007	0.0010	1.09E+07	0.395
2731.270	4200	0	25549	0.0024	-0.0007	0.0011	1.01E+07	0.384	2331.610	6199	0	25939	0.0023	-0.0007	0.0010	1.09E+07	0.394
2732.270	4199	0	25620	0.0024	-0.0007	0.0011	1.02E+07	0.386	2332.610	6199	0	26045	0.0023	-0.0007	0.0010	1.10E+07	0.392
2733.270	4201	0	25655	0.0024	-0.0007	0.0011	1.01E+07	0.387	2333.610	6199	0	26080	0.0024	-0.0007	0.0010	1.10E+07	0.392
2734.270	4201	0	25655	0.0024	-0.0007	0.0011	9.98E+06	0.388	2334.610	6200	0	26045	0.0024	-0.0007	0.0010	1.11E+07	0.393
2735.270	4201	0	25691	0.0024	-0.0007	0.0011	1.01E+07	0.392	2335.600	6201	0	26116	0.0024	-0.0007	0.0010	1.10E+07	0.393
2736.270	4202	0	25726	0.0024	-0.0007	0.0011	1.01E+07	0.394	2336.600	6199	0	26187	0.0023	-0.0007	0.0010	1.10E+07	0.394
2737.270	4200	0	25726	0.0024	-0.0007	0.0011	1.01E+07	0.392	2337.600	6200	0	26187	0.0024	-0.0007	0.0010	1.10E+07	0.391
2738.260	4199	0	25797	0.0024	-0.0007	0.0011	1.00E+07	0.393	2338.600	6200	0	26187	0.0024	-0.0007	0.0010	1.09E+07	0.388
2739.260	4201	0	25797	0.0024	-0.0007	0.0011	9.98E+06	0.393	2339.600	6199	0	26328	0.0024	-0.0007	0.0010	1.08E+07	0.387
2740.260	4200	0	25868	0.0024	-0.0007	0.0011	9.97E+06	0.394	2340.600	6201	0	26328	0.0024	-0.0007	0.0010	1.09E+07	0.388
2741.260	4199	0	25974	0.0024	-0.0007	0.0011	1.01E+07	0.398	2341.600	6200	0	26364	0.0024	-0.0007	0.0010	1.08E+07	0.387
2742.260	4200	0	25974	0.0024	-0.0007	0.0011	1.01E+07	0.399	2342.600	6199	0	26399	0.0024	-0.0007	0.0010	1.09E+07	0.383
2743.260	4200	0	25974	0.0024	-0.0007	0.0011	1.00E+07	0.399	2343.600	6200	0	26470	0.0024	-0.0007	0.0010	1.08E+07	0.382
2744.260	4199	0	26080	0.0024	-0.0007	0.0011	1.01E+07	0.405	2344.600	6201	0	26506	0.0024	-0.0007	0.0010	1.07E+07	0.381
2745.260	4200	0	26080	0.0024	-0.0007	0.0011	1.01E+07	0.405	2345.600	6199	0	26577	0.0024	-0.0007	0.0010	1.06E+07	0.379
2746.260	4200	0	26151	0.0025	-0.0007	0.0011	1.00E+07	0.405	2346.600	6200	0	26577	0.0024	-0.0007	0.0010	1.07E+07	0.378
2747.260	4199	0	26116	0.0025	-0.0007	0.0011	1.02E+07	0.411	2347.600	6200	0	26612	0.0024	-0.0007	0.0010	1.07E+07	0.378
2748.260	4200	0	26222	0.0024	-0.0007	0.0011	1.00E+07	0.411	2348.600	6200	0	26647	0.0024	-0.0007	0.0010	1.08E+07	0.381
2749.260	4200	0	26293	0.0024	-0.0007	0.0011	1.00E+07	0.412	2349.600	6200	0	26754	0.0024	-0.0007	0.0010	1.07E+07	0.380
2750.260	4201	0	26293	0.0025	-0.0007	0.0011	1.01E+07	0.414	2350.600	6200	0	26789	0.0024	-0.0007	0.0010	1.06E+07	0.381
2751.260	4201	0	26258	0.0025	-0.0007	0.0011	1.00E+07	0.412	2351.600	6199	0	26825	0.0024	-0.0007	0.0010	1.05E+07	0.378
2752.260	4201	0	26364	0.0025	-0.0007	0.0011	9.88E+06	0.408	2352.600	6201	0	26825	0.0024	-0.0007	0.0010	1.05E+07	0.380
2753.260	4203	0	26328	0.0025	-0.0007	0.0011	9.92E+06	0.409	2353.600	6200	0	26895	0.0024	-0.0007	0.0010	1.05E+07	0.379
2754.260	4201	0	26364	0.0025	-0.0007	0.0011	9.86E+06	0.410	2354.600	6199	0	26895	0.0024	-0.0007	0.0010	1.05E+07	0.377
2755.260	4200	0	26470	0.0025	-0.0007	0.0011	9.80E+06	0.411	2355.600	6199	0	26931	0.0024	-0.0007	0.0010	1.05E+07	0.378
2756.260	4200	0	26506	0.0025	-0.0007	0.0011	9.91E+06	0.411	2356.600	6200	0	27037	0.0024	-0.0007	0.0010	1.03E+07	0.375
2757.260	4201	0	26541	0.0025	-0.0007	0.001											

2772.250	4201	0	27073	0.0025	-0.0007	0.0011	9.77E+06	0.421	2372.590	6200	0	27604	0.0025	-0.0007	0.0010	1.01E+07	0.368
2773.250	4199	0	27073	0.0025	-0.0007	0.0011	9.65E+06	0.417	2373.590	6199	0	27675	0.0025	-0.0007	0.0010	1.02E+07	0.370
2774.250	4200	0	27108	0.0025	-0.0007	0.0011	9.72E+06	0.419	2374.590	6201	0	27710	0.0025	-0.0007	0.0010	1.01E+07	0.371
2775.250	4201	0	27144	0.0025	-0.0007	0.0011	9.74E+06	0.421	2375.590	6201	0	27746	0.0025	-0.0007	0.0010	1.02E+07	0.373
2776.250	4202	0	27179	0.0026	-0.0007	0.0011	9.73E+06	0.420	2376.590	6200	0	27817	0.0025	-0.0007	0.0011	1.04E+07	0.379
2777.250	4201	0	27250	0.0026	-0.0007	0.0011	9.67E+06	0.419	2377.590	6199	0	27817	0.0025	-0.0007	0.0010	1.04E+07	0.377
2778.250	4200	0	27250	0.0026	-0.0007	0.0011	9.61E+06	0.419	2378.590	6200	0	27888	0.0025	-0.0007	0.0010	1.03E+07	0.379
2779.250	4199	0	27250	0.0026	-0.0007	0.0011	9.49E+06	0.417	2379.590	6201	0	27923	0.0025	-0.0007	0.0010	1.04E+07	0.384
2780.250	4201	0	27321	0.0026	-0.0007	0.0011	9.50E+06	0.417	2380.590	6200	0	27958	0.0025	-0.0007	0.0010	1.05E+07	0.386
2781.250	4200	0	27427	0.0026	-0.0007	0.0011	9.49E+06	0.419	2381.590	6199	0	27994	0.0025	-0.0007	0.0011	1.05E+07	0.385
2782.250	4201	0	27462	0.0026	-0.0007	0.0011	9.49E+06	0.419	2382.590	6199	0	28065	0.0026	-0.0007	0.0011	1.06E+07	0.387
2783.250	4199	0	27427	0.0026	-0.0007	0.0011	9.54E+06	0.421	2383.590	6200	0	28065	0.0025	-0.0007	0.0010	1.07E+07	0.385
2784.250	4200	0	27462	0.0026	-0.0007	0.0011	9.51E+06	0.422	2384.590	6201	0	28136	0.0025	-0.0007	0.0010	1.07E+07	0.387
2785.250	4199	0	27604	0.0026	-0.0007	0.0011	9.40E+06	0.422	2385.590	6200	0	28136	0.0026	-0.0007	0.0011	1.07E+07	0.388
2786.250	4202	0	27533	0.0026	-0.0007	0.0011	9.44E+06	0.424	2386.590	6200	0	28242	0.0025	-0.0007	0.0010	1.07E+07	0.393
2787.250	4200	0	27640	0.0026	-0.0007	0.0011	9.29E+06	0.422	2387.590	6200	0	28313	0.0026	-0.0008	0.0011	1.05E+07	0.389
2788.250	4199	0	27640	0.0026	-0.0007	0.0011	9.29E+06	0.422	2388.590	6199	0	28277	0.0026	-0.0008	0.0011	1.05E+07	0.390
2789.250	4199	0	27675	0.0026	-0.0007	0.0011	9.32E+06	0.425	2389.590	6199	0	28313	0.0026	-0.0008	0.0011	1.05E+07	0.389
2790.250	4200	0	27710	0.0026	-0.0007	0.0011	9.31E+06	0.423	2390.590	6200	0	28419	0.0026	-0.0008	0.0010	1.05E+07	0.391
2791.250	4201	0	27746	0.0026	-0.0007	0.0011	9.37E+06	0.426	2391.590	6199	0	28348	0.0026	-0.0008	0.0011	1.05E+07	0.395
2792.250	4199	0	27746	0.0026	-0.0007	0.0011	9.37E+06	0.427	2392.590	6199	0	28455	0.0026	-0.0008	0.0011	1.05E+07	0.397
2793.250	4202	0	27817	0.0026	-0.0007	0.0011	9.26E+06	0.425	2393.590	6199	0	28526	0.0026	-0.0008	0.0011	1.04E+07	0.395
2794.250	4201	0	27817	0.0026	-0.0007	0.0011	9.23E+06	0.429	2394.590	6200	0	28490	0.0026	-0.0008	0.0011	1.04E+07	0.395
2795.250	4199	0	27888	0.0026	-0.0007	0.0011	9.27E+06	0.432	2395.590	6199	0	28561	0.0026	-0.0008	0.0011	1.04E+07	0.397
2796.250	4202	0	27958	0.0026	-0.0007	0.0011	9.28E+06	0.434	2396.590	6199	0	28596	0.0026	-0.0008	0.0011	1.04E+07	0.398
2797.250	4200	0	27958	0.0026	-0.0007	0.0011	9.26E+06	0.436	2397.580	6202	0	28632	0.0026	-0.0008	0.0011	1.05E+07	0.400
2798.250	4199	0	27958	0.0026	-0.0007	0.0011	9.47E+06	0.446	2398.580	6200	0	28738	0.0026	-0.0008	0.0011	1.04E+07	0.401
2799.250	4201	0	27994	0.0026	-0.0008	0.0011	9.37E+06	0.443	2399.580	6199	0	28738	0.0026	-0.0008	0.0011	1.05E+07	0.406
2800.240	4202	0	28029	0.0026	-0.0008	0.0011	9.33E+06	0.444	2400.580	6199	0	28809	0.0026	-0.0008	0.0011	1.05E+07	0.408
2801.240	4199	0	28065	0.0026	-0.0008	0.0011	9.40E+06	0.449	2401.580	6199	0	28844	0.0026	-0.0008	0.0010	1.05E+07	0.412
2802.240	4200	0	28065	0.0026	-0.0008	0.0011	9.38E+06	0.451	2402.580	6200	0	28844	0.0026	-0.0008	0.0011	1.05E+07	0.414
2803.240	4199	0	28100	0.0026	-0.0008	0.0011	9.33E+06	0.449	2403.580	6199	0	28880	0.0026	-0.0008	0.0011	1.06E+07	0.418
2804.240	4199	0	28171	0.0027	-0.0008	0.0011	9.41E+06	0.452	2404.580	6200	0	28951	0.0026	-0.0008	0.0011	1.06E+07	0.421
2805.240	4201	0	28207	0.0026	-0.0008	0.0011	9.33E+06	0.457	2405.580	6200	0	29128	0.0026	-0.0008	0.0011	1.06E+07	0.422
2806.240	4199	0	28207	0.0027	-0.0008	0.0011	9.20E+06	0.456	2406.580	6200	0	29163	0.0026	-0.0008	0.0011	1.07E+07	0.427
2807.240	4199	0	28242	0.0027	-0.0008	0.0011	9.22E+06	0.457	2407.580	6200	0	29305	0.0026	-0.0008	0.0011	1.07E+07	0.429
2808.240	4198	0	28277	0.0027	-0.0008	0.0011	9.23E+06	0.456	2408.580	6200	0	29305	0.0026	-0.0008	0.0011	1.07E+07	0.430
2809.240	4202	0	28384	0.0027	-0.0008	0.0011	9.26E+06	0.457	2409.580	6199	0	29411	0.0026	-0.0008	0.0011	1.08E+07	0.436
2810.240	4199	0	28348	0.0027	-0.0008	0.0011	9.32E+06	0.461	2410.580	6198	0	29447	0.0027	-0.0008	0.0011	1.08E+07	0.439
2811.240	4199	0	28384	0.0027	-0.0008	0.0011	9.43E+06	0.466	2411.580	6199	0	29553	0.0027	-0.0008	0.0011	1.07E+07	0.436
2812.240	4199	0	28419	0.0027	-0.0008	0.0011	9.35E+06	0.466	2412.580	6199	0	29553	0.0027	-0.0008	0.0011	1.07E+07	0.439
2813.240	4199	0	28490	0.0027	-0.0008	0.0011	9.49E+06	0.472	2413.580	6199	0	29659	0.0027	-0.0008	0.0011	1.07E+07	0.438
2814.240	4202	0	28490	0.0027	-0.0008	0.0011	9.47E+06	0.472	2414.580	6200	0	29730	0.0027	-0.0008	0.0011	1.07E+07	0.438
2815.240	4200	0	28596	0.0027	-0.0008	0.0011	9.46E+06	0.471	2415.580	6200	0	29801	0.0027	-0.0008	0.0011	1.07E+07	0.440
2816.240	4200	0	28667	0.0027	-0.0008	0.0011	9.58E+06	0.476	2416.580	6199	0	29872	0.0027	-0.0008	0.0011	1.07E+07	0.441
2817.240	4202	0	28703	0.0027	-0.0008	0.0011	9.59E+06	0.478	2417.580	6200	0	29943	0.0027	-0.0008	0.0011	1.06E+07	0.441
2818.240	4198	0	28703	0.0027	-0.0008	0.0011	9.49E+06	0.473	2418.580	6200	0	29978	0.0027	-0.0008	0.0011	1.07E+07	0.443
2819.240	4201	0	28738	0.0027	-0.0008	0.0011	9.62E+06	0.477	2419.580	6199	0	30014	0.0027	-0.0008	0.0011	1.07E+07	0.441
2820.240	4203	0	28738	0.0027	-0.0008	0.0011	9.55E+06	0.475	2420.580	6199	0	30120	0.0027	-0.0008	0.0011	1.06E+07	0.441
2821.240	4200	0	28915	0.0027	-0.0008	0.0011	9.41E+06	0.471	2421.580	6199	0	30156	0.0027	-0.0008	0.0011	1.06E+07	0.443
2822.240	4201	0	28844	0.0027	-0.0008	0.0011	9.52E+06	0.479	2422.580	6199	0	30191	0.0027	-0.0008	0.0011	1.06E+07	0.441
2823.240	4200	0	28915	0.0027	-0.0008	0.0011	9.55E+06	0.483	2423.580	6199	0	30191	0.0028	-0.0008	0.0011	1.05E+07	0.440
2824.240	4202	0	28951	0.0027	-0.0008	0.0011	9.48E+06	0.483	2424.580	6200	0	30226	0.0027	-0.0008	0.0011	1.07E+07	0.443
2825.240	4200	0	28986	0.0028	-0.0008	0.0011	9.49E+06	0.483	2425.580	6200	0	30297	0.0027	-0.0008	0.0011	1.06E+07	0.443
2826.240	4200	0	29022	0.0027	-0.0008	0.0011	9.44E+06	0.483	2426.580	6199	0	30368	0.0027	-0.0008	0.0011	1.06E+07	0.444
2827.240	4200	0	29057	0.0027	-0.0008	0.0011	9.41E+06	0.484	2427.580	6200	0	30439	0.0027	-0.0008	0.0011	1.08E+07	0.450
2828.240	4199	0	29057	0.0027	-0.0008	0.0011	9.39E+06	0.486	2428.580	6199	0	30439	0.0027	-0.0008	0.0011	1.08E+07	0.450
2829.240	4198	0	29163	0.0027	-0.0008	0.0011	9.31E+06	0.487	2429.570	6200	0	30545	0.0028	-0.0008	0.0011	1.07E+07	0.450
2830.240	4200	0	29128	0.0028	-0.0008	0.0011	9.21E+06	0.487	2430.570	6199	0	30475	0.0028	-0.0008	0.0011	1.08E+07	0.453
2831.240	4199	0	29163	0.0028	-0.0008	0.0011	9.12E+06	0.489	2431.570	6199	0	30510	0.0028	-0.0008	0.0011	1.08E+07	0.453
2832.230	4200	0	29163	0.0028	-0.0008	0.0011	9.05E+06	0.491	2432.570	6199	0	30581	0.0028	-0.0008	0.0011	1.07E+07	0.448
2833.230	4201	0	29340	0.0028	-0.0008	0.0011	9.02E+06	0.494	2433.570	6200	0	30652	0.0028	-0.0008	0.0011	1.08E+07	0.451
2834.230	4201	0	29376	0.0028	-0.0008	0.0011	9.02E+06	0.497	2434.570	6199	0	30687	0.0028	-0.0008	0.0011	1.07E+07	0.446
2835.230	4200	0	29376	0.0028	-0.0008	0.0011	9.03E+06	0.500	2435.570	6199	0	30722	0.0028	-0.0009	0.0011	1.07E+07	0.445
2836.230	4201	0	29376	0.0028	-0.0008	0.001											

2851.230	4199	0	29943	0.0028	-0.0009	0.0011	8.31E+06	0.549	2451.570	6201	0	31325	0.0028	-0.0009	0.0011	9.75E+06	0.421
2852.230	4201	0	29978	0.0028	-0.0009	0.0011	8.41E+06	0.560	2452.570	6199	0	31431	0.0028	-0.0009	0.0011	9.71E+06	0.418
2853.230	4200	0	30014	0.0028	-0.0009	0.0011	8.33E+06	0.564	2453.570	6199	0	31467	0.0029	-0.0009	0.0011	9.73E+06	0.419
2854.230	4199	0	30049	0.0029	-0.0009	0.0011	8.26E+06	0.567	2454.570	6199	0	31467	0.0029	-0.0009	0.0011	9.77E+06	0.420
2855.230	4201	0	30049	0.0029	-0.0009	0.0011	8.33E+06	0.575	2455.570	6199	0	31467	0.0028	-0.0009	0.0011	9.80E+06	0.422
2856.230	4200	0	30049	0.0029	-0.0009	0.0011	8.24E+06	0.577	2456.570	6200	0	31502	0.0029	-0.0009	0.0011	9.73E+06	0.420
2857.230	4199	0	30120	0.0029	-0.0009	0.0011	8.14E+06	0.578	2457.570	6200	0	31573	0.0029	-0.0009	0.0011	9.71E+06	0.421
2858.230	4199	0	30156	0.0029	-0.0009	0.0011	8.13E+06	0.584	2458.570	6199	0	31573	0.0029	-0.0009	0.0011	9.82E+06	0.425
2859.230	4200	0	30226	0.0029	-0.0009	0.0011	7.99E+06	0.582	2459.570	6200	0	31608	0.0029	-0.0009	0.0011	9.78E+06	0.425
2860.230	4200	0	30297	0.0029	-0.0009	0.0011	8.02E+06	0.586	2460.560	6200	0	31644	0.0029	-0.0009	0.0011	9.90E+06	0.431
2861.230	4200	0	30262	0.0029	-0.0009	0.0011	8.06E+06	0.595	2461.560	6199	0	31644	0.0029	-0.0009	0.0011	9.90E+06	0.433
2862.230	4200	0	30368	0.0029	-0.0009	0.0011	7.95E+06	0.598	2462.560	6199	0	31644	0.0029	-0.0009	0.0011	9.85E+06	0.431
2863.220	4200	0	30333	0.0029	-0.0009	0.0011	7.76E+06	0.598	2463.560	6200	0	31715	0.0029	-0.0009	0.0011	9.97E+06	0.437
2864.220	4199	0	30439	0.0029	-0.0009	0.0011	7.75E+06	0.605	2464.560	6200	0	31786	0.0029	-0.0009	0.0011	9.90E+06	0.435
2865.220	4200	0	30404	0.0029	-0.0009	0.0011	7.74E+06	0.607	2465.560	6199	0	31750	0.0029	-0.0009	0.0011	9.83E+06	0.434
2866.220	4202	0	30474	0.0029	-0.0009	0.0011	7.75E+06	0.608	2466.560	6200	0	31821	0.0029	-0.0009	0.0011	9.90E+06	0.437
2867.220	4201	0	30439	0.0029	-0.0009	0.0011	7.84E+06	0.616	2467.560	6200	0	31892	0.0029	-0.0009	0.0011	9.87E+06	0.437
2868.220	4200	0	30474	0.0029	-0.0009	0.0011	7.79E+06	0.618	2468.560	6199	0	32034	0.0029	-0.0009	0.0011	9.85E+06	0.438
2869.220	4200	0	30581	0.0029	-0.0009	0.0011	7.70E+06	0.613	2469.560	6199	0	31963	0.0029	-0.0009	0.0011	9.96E+06	0.439
2870.220	4199	0	30581	0.0029	-0.0009	0.0011	7.69E+06	0.615	2470.560	6199	0	31963	0.0029	-0.0009	0.0011	9.72E+06	0.436
2871.220	4202	0	30616	0.0029	-0.0009	0.0011	7.71E+06	0.617	2471.560	6199	0	32069	0.0029	-0.0009	0.0011	9.65E+06	0.439
2872.220	4201	0	30652	0.0029	-0.0009	0.0011	7.62E+06	0.615	2472.560	6200	0	32034	0.0029	-0.0009	0.0011	9.67E+06	0.443
2873.220	4202	0	30687	0.0029	-0.0009	0.0011	7.58E+06	0.617	2473.560	6200	0	32069	0.0029	-0.0009	0.0011	9.69E+06	0.445
2874.220	4200	0	30652	0.0029	-0.0009	0.0011	7.52E+06	0.616	2474.560	6200	0	32140	0.0029	-0.0009	0.0011	9.71E+06	0.444
2875.220	4199	0	30793	0.0029	-0.0009	0.0011	7.42E+06	0.614	2475.560	6201	0	32211	0.0029	-0.0009	0.0011	9.81E+06	0.445
2876.220	4200	0	30722	0.0029	-0.0009	0.0011	7.41E+06	0.612	2476.560	6199	0	32211	0.0029	-0.0009	0.0011	9.72E+06	0.440
2877.220	4198	0	30829	0.0029	-0.0009	0.0011	7.38E+06	0.610	2477.560	6200	0	32282	0.0029	-0.0009	0.0011	9.65E+06	0.441
2878.220	4200	0	30829	0.0030	-0.0009	0.0011	7.37E+06	0.613	2478.560	6199	0	32282	0.0029	-0.0009	0.0011	9.84E+06	0.447
2879.220	4201	0	30900	0.0030	-0.0009	0.0011	7.33E+06	0.612	2479.560	6199	0	32282	0.0029	-0.0009	0.0011	9.93E+06	0.446
2880.220	4199	0	30900	0.0030	-0.0009	0.0011	7.22E+06	0.607	2480.560	6199	0	32352	0.0029	-0.0009	0.0011	9.88E+06	0.447
2881.220	4200	0	30970	0.0030	-0.0009	0.0011	7.08E+06	0.604	2481.560	6199	0	32388	0.0029	-0.0009	0.0011	1.00E+07	0.451
2882.220	4200	0	30970	0.0030	-0.0009	0.0011	6.88E+06	0.599	2482.560	6200	0	32388	0.0029	-0.0009	0.0011	1.01E+07	0.453
2883.220	4201	0	31041	0.0030	-0.0009	0.0011	6.81E+06	0.602	2483.560	6199	0	32494	0.0030	-0.0009	0.0011	1.01E+07	0.452
2884.220	4200	0	31006	0.0030	-0.0009	0.0011	6.77E+06	0.607	2484.560	6201	0	32459	0.0030	-0.0009	0.0011	1.02E+07	0.457
2885.220	4201	0	31148	0.0030	-0.0009	0.0011	6.74E+06	0.604	2485.560	6199	0	32494	0.0029	-0.0009	0.0011	1.01E+07	0.457
2886.060	4200	0	31041	0.0030	-0.0009	0.0011	6.71E+06	0.602	2486.560	6199	0	32601	0.0029	-0.0009	0.0011	1.01E+07	0.459
2887.060	4198	0	31112	0.0030	-0.0010	0.0011	6.48E+06	0.588	2487.560	6201	0	32601	0.0030	-0.0009	0.0011	1.02E+07	0.466
2888.060	4199	0	30970	0.0030	-0.0009	0.0011	6.39E+06	0.587	2488.560	6199	0	32707	0.0030	-0.0009	0.0011	1.01E+07	0.462
									2489.560	6199	0	32707	0.0030	-0.0009	0.0011	9.91E+06	0.457
									2490.560	6200	0	32671	0.0030	-0.0009	0.0011	9.87E+06	0.458
									2491.550	6200	0	32742	0.0030	-0.0009	0.0011	9.75E+06	0.457
									2492.550	6200	0	32778	0.0030	-0.0009	0.0011	9.78E+06	0.459
									2493.550	6199	0	32884	0.0030	-0.0009	0.0011	9.83E+06	0.463
									2494.550	6200	0	32884	0.0030	-0.0009	0.0011	9.77E+06	0.458
									2495.550	6199	0	32813	0.0030	-0.0009	0.0011	9.78E+06	0.458
									2496.550	6199	0	32920	0.0030	-0.0010	0.0011	9.69E+06	0.457
									2497.550	6199	0	32884	0.0030	-0.0009	0.0011	9.71E+06	0.458
									2498.550	6199	0	32990	0.0030	-0.0009	0.0011	9.67E+06	0.458
									2499.550	6200	0	33061	0.0030	-0.0010	0.0011	9.71E+06	0.462
									2500.550	6200	0	33061	0.0030	-0.0010	0.0011	9.74E+06	0.465
									2501.550	6200	0	33132	0.0030	-0.0010	0.0011	9.80E+06	0.463
									2502.550	6200	0	33097	0.0030	-0.0010	0.0011	9.82E+06	0.465
									2503.550	6199	0	33168	0.0030	-0.0010	0.0011	9.77E+06	0.462
									2504.550	6199	0	33238	0.0030	-0.0010	0.0011	9.69E+06	0.460
									2505.550	6199	0	33238	0.0030	-0.0010	0.0011	9.69E+06	0.461
									2506.550	6200	0	33380	0.0030	-0.0010	0.0011	9.65E+06	0.462
									2507.550	6200	0	33416	0.0030	-0.0010	0.0011	9.61E+06	0.462
									2508.550	6200	0	33380	0.0030	-0.0010	0.0011	9.56E+06	0.463
									2509.550	6201	0	33451	0.0030	-0.0010	0.0011	9.60E+06	0.462
									2510.550	6201	0	33416	0.0030	-0.0010	0.0011	9.57E+06	0.461
									2511.550	6199	0	33487	0.0030	-0.0010	0.0011	9.69E+06	0.465
									2512.550	6200	0	33522	0.0030	-0.0010	0.0011	9.71E+06	0.467
									2513.550	6199	0	33593	0.0031	-0.0010	0.0011	9.75E+06	0.470
									2514.550	6201	0	33628	0.0031	-0.0010	0.0011	9.75E+06	0.473
									2515.550	6200	0	33628	0.0031	-0.0010	0.0011	9.75E+06	0.474
									2516.550	6199	0	33664	0.0031	-0.0010	0.0011	9.63E+06	0.471
									2517.550	6200	0	33770	0.0031	-0.0010	0.0011	9.61E+06	0.473
									2518.550	6199	0	33699	0.0031	-0.0010	0.0011	9.54E+06	0.473
									2519.550	6199	0	33805	0.0031	-0.0010	0.0011	9.51E+06	0.472
									2520.550	6198	0	33876	0.0031	-0.0010	0.0011	9.42E+06	0.470
									2521.550	6199	0	33841	0.0031	-0.0010	0.0011	9.31E+06	0.470
									2522.540	6200	0	33912	0.0031	-0.0010	0.0011	9.26E+06	0.471
									2523.540	6199	0	33983	0.0031	-0.0010	0.0011	9.20E+06	0.472
									2524.540	6199	0	33947	0.0031	-0.0010	0.0011	9.13E+06	0.474
									2525.540	6200	0	34018	0.0031	-0.0010	0.0011	9.15E+06	0.478
									2526.540	6199	0	34124	0.0031	-0.0010	0.0		

2530.540	6200	0	34195	0.0031	-0.0010	0.0011	8.95E+06	0.475
2531.540	6199	0	34195	0.0031	-0.0010	0.0011	8.87E+06	0.477
2532.540	6202	0	34266	0.0031	-0.0010	0.0011	8.86E+06	0.479
2533.540	6199	0	34266	0.0031	-0.0010	0.0011	8.85E+06	0.481
2534.540	6200	0	34372	0.0031	-0.0010	0.0011	8.79E+06	0.481
2535.540	6200	0	34408	0.0031	-0.0010	0.0011	8.83E+06	0.484
2536.540	6200	0	34443	0.0031	-0.0010	0.0011	8.87E+06	0.489
2537.540	6199	0	34443	0.0032	-0.0010	0.0011	8.89E+06	0.496
2538.540	6200	0	34514	0.0032	-0.0010	0.0011	8.78E+06	0.494
2539.540	6199	0	34514	0.0032	-0.0010	0.0011	8.79E+06	0.493
2540.540	6198	0	34550	0.0031	-0.0010	0.0011	8.69E+06	0.492
2541.540	6200	0	34620	0.0032	-0.0010	0.0011	8.72E+06	0.498
2542.540	6202	0	34585	0.0032	-0.0010	0.0011	8.77E+06	0.502
2543.540	6199	0	34656	0.0032	-0.0010	0.0011	8.85E+06	0.506
2544.540	6199	0	34727	0.0032	-0.0010	0.0011	8.69E+06	0.504
2545.540	6200	0	34691	0.0032	-0.0010	0.0011	8.63E+06	0.504
2546.540	6199	0	34727	0.0032	-0.0010	0.0011	8.62E+06	0.504
2547.540	6199	0	34762	0.0032	-0.0010	0.0011	8.53E+06	0.500
2548.540	6200	0	34798	0.0032	-0.0010	0.0011	8.58E+06	0.505
2549.540	6200	0	34833	0.0032	-0.0010	0.0011	8.53E+06	0.505
2550.540	6199	0	34869	0.0032	-0.0010	0.0011	8.54E+06	0.506
2551.540	6202	0	34904	0.0032	-0.0011	0.0011	8.52E+06	0.507
2552.540	6200	0	34939	0.0032	-0.0011	0.0011	8.52E+06	0.505
2553.540	6199	0	34975	0.0032	-0.0010	0.0011	8.55E+06	0.508
2554.530	6200	0	35081	0.0032	-0.0011	0.0011	8.46E+06	0.505
2555.530	6199	0	35081	0.0032	-0.0011	0.0011	8.42E+06	0.506
2556.530	6199	0	35081	0.0032	-0.0011	0.0011	8.40E+06	0.510
2557.530	6199	0	35046	0.0032	-0.0011	0.0011	8.37E+06	0.512
2558.530	6200	0	35081	0.0032	-0.0011	0.0011	8.34E+06	0.516
2559.530	6200	0	35187	0.0032	-0.0011	0.0011	8.35E+06	0.522
2560.530	6199	0	35187	0.0032	-0.0011	0.0011	8.35E+06	0.520
2561.530	6199	0	35258	0.0032	-0.0011	0.0011	8.34E+06	0.523
2562.530	6199	0	35258	0.0032	-0.0011	0.0011	8.49E+06	0.533
2563.530	6199	0	35258	0.0033	-0.0011	0.0011	8.48E+06	0.535
2564.530	6201	0	35364	0.0032	-0.0011	0.0011	8.56E+06	0.541
2565.530	6199	0	35329	0.0032	-0.0011	0.0011	8.59E+06	0.544
2566.530	6200	0	35364	0.0032	-0.0011	0.0011	8.64E+06	0.550
2567.530	6199	0	35471	0.0033	-0.0011	0.0011	8.60E+06	0.550
2568.530	6199	0	35506	0.0033	-0.0011	0.0011	8.54E+06	0.555
2569.530	6198	0	35435	0.0033	-0.0011	0.0011	8.50E+06	0.555
2570.530	6200	0	35471	0.0033	-0.0011	0.0011	8.44E+06	0.554
2571.530	6199	0	35542	0.0033	-0.0011	0.0011	8.42E+06	0.557
2572.530	6201	0	35613	0.0033	-0.0011	0.0011	8.38E+06	0.560
2573.530	6201	0	35613	0.0033	-0.0011	0.0011	8.38E+06	0.567
2574.530	6200	0	35613	0.0033	-0.0011	0.0011	8.33E+06	0.568
2575.530	6202	0	35754	0.0033	-0.0011	0.0011	8.27E+06	0.571
2576.530	6201	0	35719	0.0033	-0.0011	0.0011	8.30E+06	0.578
2577.530	6200	0	35754	0.0033	-0.0011	0.0011	8.34E+06	0.588
2578.530	6199	0	35825	0.0033	-0.0011	0.0011	8.35E+06	0.593
2579.530	6199	0	35825	0.0033	-0.0011	0.0011	8.41E+06	0.599
2580.530	6200	0	35825	0.0033	-0.0011	0.0011	8.47E+06	0.603
2581.530	6199	0	35861	0.0033	-0.0011	0.0011	8.44E+06	0.601
2582.530	6199	0	35896	0.0033	-0.0011	0.0011	8.52E+06	0.606
2583.530	6199	0	35896	0.0033	-0.0011	0.0011	8.47E+06	0.606
2584.530	6201	0	35932	0.0033	-0.0011	0.0011	8.31E+06	0.610
2585.520	6199	0	36002	0.0033	-0.0011	0.0011	8.15E+06	0.606
2586.520	6199	0	35967	0.0033	-0.0011	0.0011	7.88E+06	0.600
2587.520	6201	0	36038	0.0033	-0.0011	0.0011	7.95E+06	0.608
2588.520	6201	0	36073	0.0033	-0.0011	0.0011	8.04E+06	0.607
2589.520	6201	0	36109	0.0033	-0.0011	0.0011	8.30E+06	0.604
2590.520	6200	0	36144	0.0033	-0.0011	0.0011	8.45E+06	0.598
2591.520	6199	0	36144	0.0034	-0.0011	0.0011	8.11E+06	0.594
2592.520	6199	0	36180	0.0034	-0.0011	0.0011	7.78E+06	0.594
2593.520	6200	0	36109	0.0034	-0.0011	0.0011	7.57E+06	0.598
2594.520	6200	0	36215	0.0033	-0.0011	0.0011	7.52E+06	0.601
2595.520	6199	0	36215	0.0034	-0.0011	0.0011	7.57E+06	0.605
2596.520	6200	0	36250	0.0033	-0.0011	0.0011	7.55E+06	0.609
2597.520	6199	0	36286	0.0034	-0.0011	0.0011	7.46E+06	0.612
2598.520	6199	0	36286	0.0034	-0.0011	0.0011	7.38E+06	0.614
2599.520	6199	0	36286	0.0034	-0.0011	0.0011	7.35E+06	0.617
2600.520	6199	0	36321	0.0034	-0.0011	0.0011	7.36E+06	0.621
2601.520	6200	0	36392	0.0034	-0.0011	0.0011	7.45E+06	0.627
2602.520	6199	0	36357	0.0034	-0.0011	0.0011	7.46E+06	0.630
2603.520	6200	0	36463	0.0034	-0.0012	0.0011	7.36E+06	0.633
2604.520	6200	0	36463	0.0034	-0.0012	0.0011	7.24E+06	0.637
2605.520	6199	0	36499	0.0034	-0.0012	0.0011	7.12E+06	0.638
2606.520	6200	0	36569	0.0034	-0.0012	0.0011	7.12E+06	0.644
2607.520	6200	0	36711	0.0034	-0.0012	0.0011	7.14E+06	0.649
2608.520	6200	0	36676	0.0034	-0.0012	0.0011	7.18E+06	0.654

2609.520	6199	0	36534	0.0034	-0.0012	0.0011	7.20E+06	0.659
2610.520	6200	0	36569	0.0034	-0.0012	0.0011	7.21E+06	0.664
2611.520	6199	0	36534	0.0034	-0.0012	0.0011	7.19E+06	0.665
2612.520	6200	0	36711	0.0034	-0.0012	0.0011	7.19E+06	0.669
2613.520	6200	0	37065	0.0034	-0.0012	0.0011	7.21E+06	0.673
2614.520	6201	0	37491	0.0035	-0.0012	0.0011	7.25E+06	0.678
2615.520	6201	0	37632	0.0035	-0.0012	0.0011	7.28E+06	0.683
2616.510	6201	0	37278	0.0035	-0.0012	0.0011	7.28E+06	0.688
2617.510	6200	0	37101	0.0035	-0.0012	0.0011	7.28E+06	0.691
2618.510	6199	0	37101	0.0035	-0.0012	0.0010	7.32E+06	0.695
2619.510	6199	0	37349	0.0035	-0.0012	0.0010	7.31E+06	0.699
2620.510	6199	0	37526	0.0035	-0.0012	0.0010	7.29E+06	0.700
2621.510	6199	0	37526	0.0035	-0.0012	0.0010	7.25E+06	0.701
2622.510	6199	0	37420	0.0035	-0.0012	0.0010	7.26E+06	0.706
2623.510	6201	0	37420	0.0035	-0.0013	0.0010	7.24E+06	0.709
2624.510	6200	0	37491	0.0035	-0.0013	0.0010	7.18E+06	0.708
2625.510	6200	0	37632	0.0035	-0.0013	0.0010	7.16E+06	0.712
2626.510	6200	0	37739	0.0035	-0.0013	0.0010	7.14E+06	0.719
2627.510	6200	0	37739	0.0036	-0.0013	0.0010	7.15E+06	0.725
2628.510	6200	0	37562	0.0036	-0.0013	0.0010	7.15E+06	0.736
2629.510	6200	0	37420	0.0036	-0.0013	0.0010	7.17E+06	0.742
2630.510	6201	0	37455	0.0035	-0.0013	0.0010	7.17E+06	0.750
2631.510	6201	0	37632	0.0035	-0.0013	0.0010	7.18E+06	0.758
2632.510	6201	0	37774	0.0035	-0.0013	0.0010	7.18E+06	0.763
2633.510	6199	0	37845	0.0036	-0.0013	0.0010	7.29E+06	0.775
2634.510	6200	0	37881	0.0036	-0.0013	0.0010	7.32E+06	0.780
2635.510	6199	0	37881	0.0036	-0.0013	0.0010	7.20E+06	0.789
2636.510	6200	0	37845	0.0036	-0.0013	0.0010	7.14E+06	0.796
2637.510	6199	0	37916	0.0036	-0.0013	0.0010	6.99E+06	0.800
2638.510	6200	0	37987	0.0036	-0.0013	0.0010	6.95E+06	0.817
2639.510	6201	0	38022	0.0036	-0.0013	0.0010	7.01E+06	0.821
2640.510	6199	0	37987	0.0036	-0.0013	0.0010	7.28E+06	0.823
2641.510	6199	0	37987	0.0036	-0.0013	0.0010	7.44E+06	0.822
2642.510	6200	0	38058	0.0036	-0.0013	0.0010	7.39E+06	0.818
2643.510	6199	0	38164	0.0036	-0.0013	0.0010	7.24E+06	0.813
2644.510	6201	0	38164	0.0036	-0.0013	0.0010	6.97E+06	0.801
2645.510	6199	0	38164	0.0036	-0.0013	0.0010	6.87E+06	0.799
2646.510	6200	0	38199	0.0036	-0.0013	0.0010	6.88E+06	0.795
2647.510	6200	0	38199	0.0036	-0.0013	0.0010	6.94E+06	0.797
2648.500	6200	0	38199	0.0036	-0.0013	0.0009	6.92E+06	0.801
2649.500	6200	0	38306	0.0036	-0.0013	0.0010	6.89E+06	0.805
2650.500	6199	0	38270	0.0036	-0.0013	0.0010	6.80E+06	0.800
2651.500	6199	0	38270	0.0036	-0.0013	0.0009	6.84E+06	0.804
2652.500	6199	0	38341	0.0036	-0.0013	0.0010	6.83E+06	0.804
2653.500	6201	0	38306	0.0036	-0.0013	0.0010	6.85E+06	0.798
2654.500	6199	0	38376	0.0036	-0.0013	0.0009	6.79E+06	0.800
2655.500	6199	0	38412	0.0036	-0.0014	0.0009	6.64E+06	0.800
2656.500	6200	0	38412	0.0036	-0.0014	0.0009	6.37E+06	0.795
2657.500	6199	0	38483	0.0037	-0.0014	0.0009	6.26E+06	0.798
2658.500	6200	0	38483	0.0037	-0.0014	0.0009	6.19E+06	0.799
2659.500	6199	0	38518	0.0037	-0.0014	0.0009	6.15E+06	0.799
2660.500	6200	0	38483	0.0037	-0.0014	0.0009	6.20E+06	0.804
2661.500	6199	0	38625	0.0037	-0.0014	0.0009	6.18E+06	0.806
2662.500	6199	0	38660	0.0037	-0.0014	0.0009	6.03E+06	0.802
2663.500	6199	0	38589	0.0037	-0.0014	0.0009	6.00E+06	0.806
2664.500	6200	0	38589	0.0037	-0.0014	0.0009	5.99E+06	0.810
2665.500	6200	0	38625	0.0037	-0.0014	0.0009	6.05E+06	0.818
2666.500	6201	0	38695	0.0037	-0.0014	0.0009	6.05E+06	0.825
2667.500	6199	0	38766	0.0037	-0.0014	0.0009	6.02E+06	0.826
2668.500	6199	0	38766	0.0037	-0.0014	0.0009	5.94E+06	0.827
2669.500	6199	0	38766	0.0037	-0.0014	0.0009	6.02E+06	0.836
2670.500	6200	0	38766	0.0037	-0.0014	0.0009	5.97E+06	0.840
2671.500	6201	0	38802	0.0037	-0.0014	0.0009	5.89E+06	0.837
2672.500	6199	0	38873	0.0037	-0.0014	0.0009	5.87E+06	0.838
2673.500	6201	0	38908	0.0037	-0.0014	0.0009	5.86E+06	0.842
2674.500	6200	0	38908	0.0037	-0.0014	0.0009	5.82E+06	0.845
2675.500	6200	0	38944	0.0037	-0.0014	0.0009	5.74E+06	0.842
2676.500	6199	0	38944	0.0037	-0.0014	0.0009	5.72E+06	0.847
2677.500	6200	0	38908	0.0037	-0.0014	0.0009	5.69E+06	0.849
2678.500	6201	0	39085	0.0037	-0.0014	0.0009	5.61E+06	0.846
2679.490	6201	0	39050	0.0037	-0.0014	0.0009	5.58E+06	0.851
2680.490	6200	0	39085	0.0037	-0.0014	0.0009	5.54E+06	0.856
2681.490	6201	0	39050	0.0038	-0.0014	0.0009	5.48E+06	0.857
2682.490	6200	0	39085	0.0038	-0.0014	0.0009	5.48E+06	0.865
2683.490	6200	0	39085	0.0038	-0.0015	0.0009	5.50E+06	0.871
2684.490	6201	0	39121	0.0038	-0.0015	0.0009	5.47E+06	0.876
2685.490	6200	0	39227	0.0038	-0.0015	0.0008	5.43E+06	0.876
2686.490	6201	0	39192	0.0038	-0.0015	0.0008	5.36E+06	0.881
2687.490	6200	0	39156	0.0038	-0.0015	0.0009	5.37E+06	0.888

2688.490	6200	0	39227	0.0038	-0.0015	0.0008	5.40E+06	0.894
2689.490	6200	0	39227	0.0038	-0.0015	0.0008	5.39E+06	0.901
2690.490	6200	0	39333	0.0038	-0.0015	0.0008	5.36E+06	0.910
2691.490	6199	0	39333	0.0038	-0.0015	0.0008	5.34E+06	0.915
2692.490	6200	0	39369	0.0038	-0.0015	0.0008	5.37E+06	0.923
2693.490	6199	0	39333	0.0038	-0.0015	0.0008	5.33E+06	0.924
2694.490	6199	0	39404	0.0038	-0.0015	0.0008	5.33E+06	0.929
2695.490	6199	0	39333	0.0038	-0.0015	0.0008	5.33E+06	0.936
2696.490	6199	0	39404	0.0038	-0.0015	0.0008	5.31E+06	0.943
2697.490	6199	0	39475	0.0038	-0.0015	0.0008	5.28E+06	0.944
2698.490	6200	0	39475	0.0038	-0.0015	0.0008	5.29E+06	0.953
2699.490	6199	0	39511	0.0038	-0.0015	0.0008	5.34E+06	0.969
2700.490	6199	0	39475	0.0038	-0.0015	0.0008	5.35E+06	0.982
2701.490	6199	0	39546	0.0038	-0.0015	0.0008	5.33E+06	0.983
2702.490	6200	0	39617	0.0038	-0.0015	0.0008	5.36E+06	0.993
2703.490	6201	0	39546	0.0038	-0.0015	0.0008	5.32E+06	0.999
2704.490	6200	0	39617	0.0038	-0.0015	0.0008	5.34E+06	1.001
2705.490	6199	0	39617	0.0039	-0.0015	0.0008	5.37E+06	1.012
2706.490	6200	0	39652	0.0039	-0.0015	0.0008	5.40E+06	1.016
2707.490	6199	0	39688	0.0039	-0.0015	0.0008	5.36E+06	1.016
2708.490	6199	0	39759	0.0039	-0.0016	0.0008	5.34E+06	1.018
2709.490	6201	0	39688	0.0039	-0.0016	0.0008	5.32E+06	1.020
2710.480	6201	0	39759	0.0039	-0.0016	0.0008	5.30E+06	1.027
2711.480	6200	0	39759	0.0039	-0.0016	0.0008	5.32E+06	1.034
2712.480	6200	0	39759	0.0039	-0.0016	0.0007	5.33E+06	1.044
2713.480	6199	0	39829	0.0039	-0.0016	0.0007	5.24E+06	1.042
2714.480	6199	0	39829	0.0039	-0.0016	0.0007	5.18E+06	1.041
2715.480	6203	0	39865	0.0039	-0.0016	0.0007	5.16E+06	1.043
2716.480	6201	0	39900	0.0039	-0.0016	0.0007	5.22E+06	1.056
2717.480	6200	0	39971	0.0039	-0.0016	0.0007	5.24E+06	1.062
2718.480	6199	0	39900	0.0039	-0.0016	0.0007	5.23E+06	1.060
2719.480	6200	0	39936	0.0039	-0.0016	0.0007	5.17E+06	1.060
2720.480	6199	0	39971	0.0039	-0.0016	0.0007	5.19E+06	1.063
2721.480	6200	0	40007	0.0039	-0.0016	0.0007	5.15E+06	1.063
2722.480	6199	0	40042	0.0039	-0.0016	0.0007	5.11E+06	1.061
2723.480	6199	0	40007	0.0039	-0.0016	0.0007	5.08E+06	1.059
2724.480	6199	0	40042	0.0039	-0.0016	0.0007	5.07E+06	1.066
2725.480	6201	0	40042	0.0039	-0.0016	0.0007	5.02E+06	1.059
2726.480	6199	0	40113	0.0039	-0.0016	0.0007	4.99E+06	1.068
2727.480	6199	0	40148	0.0039	-0.0016	0.0007	4.92E+06	1.070
2728.480	6199	0	40148	0.0039	-0.0016	0.0007	4.89E+06	1.070
2729.480	6201	0	40148	0.0040	-0.0016	0.0007	4.81E+06	1.066
2730.480	6199	0	40184	0.0040	-0.0017	0.0007	4.77E+06	1.066
2731.480	6200	0	40255	0.0040	-0.0017	0.0007	4.72E+06	1.069
2732.480	6199	0	40255	0.0040	-0.0017	0.0006	4.71E+06	1.068
2733.480	6199	0	40255	0.0040	-0.0017	0.0006	4.70E+06	1.068
2734.480	6200	0	40326	0.0040	-0.0017	0.0006	4.72E+06	1.079
2735.480	6199	0	40290	0.0040	-0.0017	0.0006	4.68E+06	1.084
2736.480	6199	0	40290	0.0040	-0.0017	0.0006	4.58E+06	1.075
2737.480	6200	0	40326	0.0040	-0.0017	0.0006	4.56E+06	1.080
2738.480	6202	0	40326	0.0040	-0.0017	0.0006	4.51E+06	1.085
2739.480	6200	0	40326	0.0040	-0.0017	0.0006	4.47E+06	1.088
2740.480	6200	0	40432	0.0040	-0.0017	0.0006	4.52E+06	1.109
2741.470	6199	0	40396	0.0040	-0.0017	0.0006	4.47E+06	1.116
2742.470	6199	0	40467	0.0040	-0.0017	0.0006	4.48E+06	1.123
2743.470	6199	0	40467	0.0040	-0.0017	0.0006	4.46E+06	1.118
2744.470	6200	0	40432	0.0040	-0.0017	0.0006	4.45E+06	1.120
2745.470	6200	0	40538	0.0040	-0.0017	0.0006	4.41E+06	1.120
2746.470	6199	0	40574	0.0040	-0.0017	0.0006	4.45E+06	1.145
2747.470	6200	0	40538	0.0040	-0.0017	0.0006	4.41E+06	1.145
2748.470	6200	0	40574	0.0040	-0.0017	0.0006	4.43E+06	1.155
2749.470	6199	0	40574	0.0040	-0.0017	0.0006	4.37E+06	1.154
2750.470	6200	0	40609	0.0040	-0.0017	0.0006	4.36E+06	1.161
2751.470	6199	0	40609	0.0040	-0.0018	0.0005	4.29E+06	1.162
2752.470	6199	0	40538	0.0040	-0.0018	0.0005	4.25E+06	1.168
2753.470	6199	0	40609	0.0041	-0.0018	0.0005	4.23E+06	1.177
2754.470	6199	0	40644	0.0041	-0.0018	0.0005	4.18E+06	1.185
2755.470	6201	0	40680	0.0041	-0.0018	0.0005	4.21E+06	1.199
2756.470	6199	0	40680	0.0041	-0.0018	0.0005	4.15E+06	1.199
2757.470	6199	0	40786	0.0041	-0.0018	0.0005	4.16E+06	1.202
2758.470	6200	0	40751	0.0041	-0.0018	0.0005	4.18E+06	1.210
2759.470	6200	0	40715	0.0041	-0.0018	0.0005	4.12E+06	1.208
2760.470	6198	0	40786	0.0041	-0.0018	0.0005	4.14E+06	1.214
2761.470	6201	0	40751	0.0041	-0.0018	0.0005	4.15E+06	1.224
2762.470	6201	0	40822	0.0041	-0.0018	0.0005	4.09E+06	1.222
2763.470	6199	0	40822	0.0041	-0.0018	0.0005	4.08E+06	1.228
2764.470	6200	0	40786	0.0041	-0.0018	0.0005	4.07E+06	1.235
2765.470	6199	0	40857	0.0041	-0.0018	0.0004	4.01E+06	1.241
2766.470	6199	0	40857	0.0041	-0.0018	0.0005	3.99E+06	1.244

2767.470	6199	0	40928	0.0041	-0.0018	0.0004	3.98E+06	1.258
2768.470	6199	0	40928	0.0041	-0.0018	0.0004	3.95E+06	1.254
2769.470	6201	0	40999	0.0041	-0.0018	0.0004	3.94E+06	1.256
2770.470	6199	0	40963	0.0041	-0.0019	0.0004	3.93E+06	1.269
2771.470	6199	0	40928	0.0041	-0.0019	0.0004	3.88E+06	1.260
2772.470	6199	0	40999	0.0041	-0.0019	0.0004	3.86E+06	1.258
2773.460	6201	0	40999	0.0041	-0.0019	0.0004	3.86E+06	1.268
2774.460	6201	0	41034	0.0041	-0.0019	0.0004	3.85E+06	1.266
2775.460	6200	0	41070	0.0041	-0.0019	0.0004	3.85E+06	1.273
2776.460	6200	0	41034	0.0042	-0.0019	0.0004	3.84E+06	1.272
2777.460	6200	0	41034	0.0042	-0.0019	0.0004	3.80E+06	1.277
2778.460	6199	0	41034	0.0042	-0.0019	0.0004	3.72E+06	1.274
2779.460	6199	0	41034	0.0042	-0.0019	0.0004	3.69E+06	1.276
2780.460	6199	0	41176	0.0042	-0.0019	0.0003	3.67E+06	1.277
2781.460	6201	0	41105	0.0042	-0.0019	0.0004	3.64E+06	1.277
2782.460	6200	0	41176	0.0042	-0.0019	0.0003	3.65E+06	1.287
2783.460	6199	0	41176	0.0042	-0.0019	0.0003	3.65E+06	1.283
2784.460	6199	0	41176	0.0042	-0.0019	0.0003	3.65E+06	1.288
2785.460	6200	0	41211	0.0042	-0.0019	0.0003	3.64E+06	1.296
2786.460	6199	0	41247	0.0042	-0.0019	0.0003	3.68E+06	1.306
2787.460	6200	0	41211	0.0042	-0.0019	0.0003	3.66E+06	1.305
2788.460	6200	0	41282	0.0042	-0.0020	0.0003	3.71E+06	1.321
2789.460	6199	0	41282	0.0042	-0.0020	0.0003	3.67E+06	1.323
2790.460	6200	0	41247	0.0042	-0.0020	0.0003	3.66E+06	1.333
2791.460	6199	0	41282	0.0042	-0.0020	0.0003	3.68E+06	1.356
2792.460	6200	0	41282	0.0042	-0.0020	0.0003	3.68E+06	1.359
2793.460	6200	0	41318	0.0042	-0.0020	0.0003	3.65E+06	1.362
2794.460	6199	0	41353	0.0042	-0.0020	0.0002	3.66E+06	1.370
2795.460	6199	0	41353	0.0042	-0.0020	0.0002	3.65E+06	1.368
2796.460	6202	0	41353	0.0043	-0.0020	0.0003	3.61E+06	1.363
2797.460	6200	0	41353	0.0043	-0.0020	0.0002	3.58E+06	1.378
2798.460	6199	0	41389	0.0042	-0.0020	0.0002	3.58E+06	1.378
2799.460	6199	0	41424	0.0042	-0.0020	0.0002	3.53E+06	1.382
2800.460	6199	0	41459	0.0042	-0.0020	0.0002	3.52E+06	1.395
2801.460	6199	0	41459	0.0043	-0.0020	0.0002	3.51E+06	1.404
2802.460	6199	0	41424	0.0043	-0.0020	0.0002	3.45E+06	1.396
2803.460	6201	0	41495	0.0043	-0.0020	0.0002	3.44E+06	1.405
2804.450	6201	0	41495	0.0043	-0.0020	0.0002	3.42E+06	1.406
2805.450	6200	0	41530	0.0043	-0.0021	0.0002	3.36E+06	1.408
2806.450	6200	0	41530	0.0043	-0.0021	0.0001	3.45E+06	1.437
2807.450	6199	0	41566	0.0043	-0.0021	0.0001	3.39E+06	1.439
2808.450	6199	0	41566	0.0043	-0.0021	0.0001	3.31E+06	1.434
2809.450	6199	0	41566	0.0043	-0.0021	0.0001	3.29E+06	1.432
2810.450	6201	0	41601	0.0043	-0.0021	0.0001	3.22E+06	1.422
2811.450	6199	0	41672	0.0043	-0.0021	0.0001	3.17E+06	1.420
2812.450	6200	0	41672	0.0043	-0.0021	0.0001	3.16E+06	1.432
2813.450	6200	0	41672	0.0043	-0.0021	0.0001	3.09E+06	1.426
2814.450	6199	0	41637	0.0043	-0.0021	0.0001	3.05E+06	1.422
2815.450	6200	0	41707	0.0043	-0.0021	0.0001	3.04E+06	1.428
2816.450	6199	0	41672	0.0043	-0.0021	0.0001	3.04E+06	1.436
2817.450	6199	0	41743	0.0043	-0.0021	0.0001	3.01E+06	1.437
2818.450	6199	0	41672	0.0043	-0.0021	0.0001	3.01E+06	1.454
2819.450	6200	0	41743	0.0043	-0.0021	0.0000	2.98E+06	1.455
2820.450	6200	0	41743	0.0044	-0.0022	0.0001	2.96E+06	1.457
2821.450	6199	0	41743	0.0044	-0.0022	0.0000	2.97E+06	1.471
2822.450	6199	0	41743	0.0044	-0.0022	0.0000	2.92E+06	1.466
2823.450	6199	0	41814	0.0044	-0.0022	0.0000	2.85E+06	1.463
2824.450	6200	0	41743	0.0044	-0.0022	0.0000	2.86E+06	1.472
2825.450	6199	0	41778	0.0044	-0.0022	0.0000	2.80E+06	1.467
2826.450	6201	0	41778	0.0044	-0.0022	0.0000	2.77E+06	1.471
2827.450	6199	0	41849	0.0044	-0.0022	0.0000	2.77E+06	1.480
2828.450	6199	0	41885	0.0044	-0.0022	0.0000	2.72E+06	1.477
2829.450	6199	0	41920	0.0044	-0.0022	0.0000	2.70E+06	1.475
2830.450	6201	0	41885	0.0044	-0.0022	-0.0001	2.68E+06	1.479
2831.450	6199	0	41920	0.0044	-0.0022	-0.0001	2.65E+06	1.477
2832.450	6201	0	41885	0.0044	-0.0022	-0.0001	2.58E+06	1.471
2833.450	6199	0	41849	0.0044	-0.0023	-0.0001	2.60E+06	1.479
2834.450	6201	0	41956	0.0044	-0.0023	-0.0001	2.58E+06	1.479
2835.440	6201	0	41920	0.0044	-0.0023	-0.0001	2.53E+06	1.477
2836.440	6200	0	41920	0.0044	-0.0023	-0.0001	2.51E+06	1.489
2837.440	6200	0	41920	0.0044	-0.0023	-0.0001	2.52E+06	1.490
2838.440	6200	0	41956	0.0044	-0.0023	-0.0001	2.53E+06	1.490
2839.440	6201	0	41956	0.0044	-0.0023	-0.0001	2.56E+06	1.496
2840.440	6201	0	41991	0.0044	-0.0023	-0.0002	2.57E+06	1.498
2841.440	6199	0	42062	0.0044	-0.0023	-0.0002	2.58E+06	1.497
2842.440	6199	0	42026	0.0044	-0.0023	-0.0002	2.58E+06	1.512
2843.440	6199	0	42062	0.0044	-0.0023	-0.0002	2.60E+06	1.518
2844.440	6199	0	42062	0.0045	-0.0023	-0.0002	2.51E+06	1.506
2845.440	6200	0	42062	0.0045	-0.0023	-0.0002	2.52E+06	1.516

2846.440	6199	0	42097	0.0045	-0.0023	-0.0002	2.48E+06	1.507
2847.440	6200	0	42062	0.0045	-0.0023	-0.0002	2.48E+06	1.509
2848.440	6200	0	42062	0.0045	-0.0024	-0.0002	2.42E+06	1.509
2849.440	6200	0	42168	0.0045	-0.0024	-0.0002	2.38E+06	1.506
2850.440	6198	0	42097	0.0045	-0.0024	-0.0002	2.34E+06	1.494
2851.440	6199	0	42097	0.0045	-0.0024	-0.0003	2.34E+06	1.509
2852.440	6201	0	42133	0.0045	-0.0024	-0.0003	2.34E+06	1.520
2853.440	6200	0	42168	0.0045	-0.0024	-0.0003	2.33E+06	1.519
2854.440	6199	0	42168	0.0045	-0.0024	-0.0003	2.36E+06	1.531
2855.440	6200	0	42168	0.0045	-0.0024	-0.0003	2.36E+06	1.533
2856.440	6202	0	42168	0.0045	-0.0024	-0.0003	2.31E+06	1.529
2857.440	6202	0	42168	0.0045	-0.0024	-0.0003	2.37E+06	1.557
2858.440	6199	0	42239	0.0045	-0.0024	-0.0003	2.35E+06	1.566
2859.440	6201	0	42204	0.0045	-0.0024	-0.0003	2.29E+06	1.566
2860.440	6199	0	42204	0.0045	-0.0024	-0.0003	2.27E+06	1.566
2861.440	6199	0	42168	0.0045	-0.0024	-0.0004	2.19E+06	1.545
2862.440	6200	0	42239	0.0046	-0.0025	-0.0004	2.13E+06	1.540
2863.440	6202	0	42275	0.0046	-0.0025	-0.0004	2.12E+06	1.561
2864.440	6201	0	42310	0.0046	-0.0025	-0.0004	2.09E+06	1.564
2865.440	6200	0	42345	0.0045	-0.0025	-0.0004	2.05E+06	1.570
2866.430	6199	0	42310	0.0046	-0.0025	-0.0004	2.02E+06	1.577
2867.430	6199	0	42310	0.0046	-0.0025	-0.0004	1.99E+06	1.571
2868.430	6200	0	42310	0.0046	-0.0025	-0.0004	1.94E+06	1.578
2869.430	6200	0	42275	0.0046	-0.0025	-0.0004	1.99E+06	1.588
2870.430	6200	0	42345	0.0046	-0.0025	-0.0004	2.00E+06	1.597
2871.430	6202	0	42310	0.0046	-0.0025	-0.0005	1.97E+06	1.599
2872.430	6199	0	42381	0.0046	-0.0025	-0.0005	1.98E+06	1.614
2873.430	6199	0	42310	0.0046	-0.0025	-0.0005	1.94E+06	1.615
2874.430	6199	0	42310	0.0046	-0.0025	-0.0005	1.86E+06	1.608
2875.430	6200	0	42416	0.0046	-0.0026	-0.0005	1.88E+06	1.616
2876.430	6200	0	42416	0.0046	-0.0026	-0.0005	1.86E+06	1.615
2877.430	6199	0	42452	0.0046	-0.0026	-0.0005	1.83E+06	1.616
2878.430	6201	0	42416	0.0046	-0.0026	-0.0005	1.82E+06	1.641
2879.430	6200	0	42452	0.0046	-0.0026	-0.0005	1.80E+06	1.640
2880.430	6200	0	42416	0.0046	-0.0026	-0.0006	1.78E+06	1.642
2881.430	6199	0	42381	0.0046	-0.0026	-0.0006	1.74E+06	1.653
2882.430	6200	0	42487	0.0046	-0.0026	-0.0006	1.68E+06	1.657
2883.430	6199	0	42452	0.0046	-0.0026	-0.0006	1.64E+06	1.652
2884.430	6200	0	42416	0.0046	-0.0026	-0.0006	1.66E+06	1.665
2885.430	6200	0	42452	0.0046	-0.0026	-0.0006	1.62E+06	1.667
2886.430	6200	0	42452	0.0047	-0.0026	-0.0006	1.55E+06	1.660
2887.430	6200	0	42452	0.0047	-0.0026	-0.0006	1.52E+06	1.678
2888.430	6199	0	42523	0.0046	-0.0027	-0.0007	1.48E+06	1.677
2889.430	6199	0	42487	0.0047	-0.0027	-0.0007	1.48E+06	1.677
2890.430	6199	0	42487	0.0047	-0.0027	-0.0007	1.49E+06	1.692
2891.430	6199	0	42487	0.0047	-0.0027	-0.0007	1.47E+06	1.686
2892.430	6199	0	42487	0.0047	-0.0027	-0.0007	1.47E+06	1.695
2893.430	6200	0	42452	0.0047	-0.0027	-0.0007	1.46E+06	1.712
2894.430	6200	0	42629	0.0047	-0.0027	-0.0007	1.45E+06	1.720
2895.430	6199	0	42593	0.0047	-0.0027	-0.0007	1.43E+06	1.717
2896.430	6199	0	42523	0.0047	-0.0027	-0.0008	1.40E+06	1.718
2897.430	6198	0	42558	0.0047	-0.0027	-0.0008	1.35E+06	1.712
2898.420	6199	0	42558	0.0047	-0.0027	-0.0008	1.34E+06	1.707
2899.420	6199	0	42523	0.0047	-0.0028	-0.0008	1.30E+06	1.706
2900.420	6200	0	42593	0.0047	-0.0028	-0.0008	1.27E+06	1.710
2901.420	6201	0	42629	0.0047	-0.0028	-0.0008	1.26E+06	1.702
2902.420	6200	0	42593	0.0047	-0.0028	-0.0008	1.30E+06	1.714
2903.420	6199	0	42593	0.0047	-0.0028	-0.0009	1.32E+06	1.718
2904.420	6200	0	42593	0.0048	-0.0028	-0.0008	1.30E+06	1.712
2905.420	6200	0	42629	0.0048	-0.0028	-0.0009	1.31E+06	1.725
2906.420	6200	0	42558	0.0048	-0.0028	-0.0009	1.29E+06	1.730
2907.420	6200	0	42558	0.0048	-0.0028	-0.0009	1.24E+06	1.725
2908.420	6199	0	42629	0.0048	-0.0028	-0.0009	1.23E+06	1.742
2909.420	6199	0	42664	0.0048	-0.0028	-0.0009	1.22E+06	1.745
2910.420	6202	0	42629	0.0048	-0.0028	-0.0009	1.20E+06	1.744
2911.420	6199	0	42593	0.0048	-0.0029	-0.0009	1.19E+06	1.756
2912.420	6200	0	42700	0.0048	-0.0029	-0.0009	1.16E+06	1.757
2913.420	6199	0	42629	0.0048	-0.0029	-0.0010	1.12E+06	1.757
2914.420	6201	0	42700	0.0048	-0.0029	-0.0010	1.14E+06	1.779
2915.420	6201	0	42664	0.0048	-0.0029	-0.0010	1.09E+06	1.781
2916.420	6200	0	42629	0.0048	-0.0029	-0.0010	1.05E+06	1.798
2917.420	6199	0	42700	0.0048	-0.0029	-0.0010	1.02E+06	1.806
2918.420	6199	0	42664	0.0048	-0.0029	-0.0010	9.78E+05	1.803
2919.420	6200	0	42700	0.0048	-0.0029	-0.0010	9.37E+05	1.810
2920.420	6199	0	42735	0.0048	-0.0029	-0.0011	9.49E+05	1.811
2921.420	6200	0	42664	0.0048	-0.0029	-0.0011	9.56E+05	1.808
2922.420	6199	0	42700	0.0048	-0.0030	-0.0011	8.80E+05	1.813
2923.420	6201	0	42700	0.0049	-0.0030	-0.0011	8.28E+05	1.826
2924.420	6200	0	42735	0.0048	-0.0030	-0.0011	7.71E+05	1.829



2925.420	6201	0	42735	0.0048	-0.0030	-0.0011	6.98E+05	1.827
2926.420	6200	0	42735	0.0049	-0.0030	-0.0011	6.84E+05	1.840
2927.420	6200	0	42806	0.0049	-0.0030	-0.0012	6.69E+05	1.826
2928.420	6202	0	42771	0.0049	-0.0030	-0.0012	6.11E+05	1.828
2929.410	6201	0	42735	0.0049	-0.0030	-0.0012	5.75E+05	1.853
2930.410	6200	0	42771	0.0049	-0.0030	-0.0012	5.49E+05	1.858
2931.410	6199	0	42735	0.0049	-0.0030	-0.0012	5.35E+05	1.860
2932.410	6200	0	42735	0.0049	-0.0031	-0.0012	4.71E+05	1.868
2933.410	6199	0	42700	0.0049	-0.0031	-0.0012	3.99E+05	1.868
2934.410	6199	0	42771	0.0049	-0.0031	-0.0012	3.72E+05	1.863
2935.410	6199	0	42806	0.0049	-0.0031	-0.0013	3.63E+05	1.876
2936.410	6202	0	42771	0.0049	-0.0031	-0.0013	3.21E+05	1.870
2937.410	6199	0	42771	0.0049	-0.0031	-0.0013	2.80E+05	1.870
2938.410	6201	0	42735	0.0049	-0.0031	-0.0013	2.50E+05	1.876
2939.410	6199	0	42806	0.0049	-0.0031	-0.0013	2.15E+05	1.872
2940.410	6200	0	42735	0.0049	-0.0031	-0.0013	2.11E+05	1.874
2941.410	6199	0	42735	0.0049	-0.0031	-0.0014	2.03E+05	1.906
2942.410	6199	0	42771	0.0049	-0.0032	-0.0014	1.69E+05	1.905
2943.410	6199	0	42771	0.0049	-0.0032	-0.0014	1.45E+05	1.917
2944.410	6199	0	42806	0.0049	-0.0032	-0.0014	1.30E+05	1.947
2945.410	6200	0	42771	0.0049	-0.0032	-0.0014	9.81E+04	1.952
2946.410	6201	0	42806	0.0050	-0.0032	-0.0014	1.35E+05	1.958
2947.410	6200	0	42700	0.0050	-0.0032	-0.0014	1.02E+05	1.971
2948.410	6201	0	42700	0.0050	-0.0032	-0.0015	8.53E+04	1.970
2949.410	6200	0	42700	0.0050	-0.0032	-0.0015	6.88E+04	1.964
2950.410	6199	0	42700	0.0050	-0.0032	-0.0015	6.50E+04	1.971
2951.410	6199	0	42771	0.0050	-0.0032	-0.0015	4.24E+04	1.977
2952.410	6199	0	42771	0.0050	-0.0033	-0.0015	3.79E+04	1.970
2953.410	6201	0	42700	0.0050	-0.0033	-0.0015	6.77E+04	1.985
2954.410	6199	0	42735	0.0050	-0.0033	-0.0015	7.90E+04	1.985
2955.410	6199	0	42771	0.0050	-0.0033	-0.0016	7.51E+04	1.981
2956.410	6200	0	42771	0.0050	-0.0033	-0.0016	7.22E+04	1.996
2957.410	6199	0	42735	0.0050	-0.0033	-0.0016	3.30E+04	1.996
2958.410	6199	0	42735	0.0050	-0.0033	-0.0016	1.18E+04	1.987
2959.410	6201	0	42771	0.0050	-0.0033	-0.0016	-5.60E+04	2.005
2960.400	6199	0	42771	0.0050	-0.0033	-0.0016	-5.83E+04	2.008
2961.400	6200	0	42735	0.0050	-0.0033	-0.0016	-6.22E+04	1.996
2962.400	6199	0	42771	0.0050	-0.0033	-0.0017	-7.73E+04	2.008
2963.400	6199	0	42700	0.0050	-0.0034	-0.0017	-9.30E+04	2.024
2964.400	6201	0	42771	0.0051	-0.0034	-0.0017	-1.07E+05	2.013
2965.400	6200	0	42771	0.0051	-0.0034	-0.0017	-1.01E+05	2.037
2966.400	6199	0	42806	0.0050	-0.0034	-0.0017	-1.13E+05	2.042
2967.400	6199	0	42771	0.0050	-0.0034	-0.0018	-1.25E+05	2.049
2968.400	6199	0	42735	0.0051	-0.0034	-0.0018	-1.36E+05	2.055
2969.400	6200	0	42806	0.0051	-0.0034	-0.0018	-1.48E+05	2.040
2970.400	6199	0	42735	0.0051	-0.0034	-0.0018	-1.21E+05	2.034
2971.400	6200	0	42841	0.0051	-0.0034	-0.0018	-1.13E+05	2.040
2972.400	6199	0	42771	0.0051	-0.0035	-0.0018	-1.06E+05	2.036
2973.400	6200	0	42771	0.0051	-0.0035	-0.0018	-1.41E+05	2.035
2974.400	6201	0	42771	0.0051	-0.0035	-0.0019	-1.79E+05	2.048
2975.400	6200	0	42771	0.0051	-0.0035	-0.0019	-2.36E+05	2.039
2976.400	6200	0	42735	0.0051	-0.0035	-0.0019	-2.56E+05	2.038
2977.400	6199	0	42771	0.0051	-0.0035	-0.0019	-2.62E+05	2.051
2978.400	6201	0	42771	0.0051	-0.0035	-0.0019	-2.79E+05	2.036
2979.400	6200	0	42771	0.0051	-0.0035	-0.0019	-3.09E+05	2.037
2980.400	6199	0	42771	0.0051	-0.0035	-0.0020	-3.26E+05	2.041
2981.400	6199	0	42735	0.0051	-0.0035	-0.0020	-3.60E+05	2.035
2982.400	6201	0	42700	0.0051	-0.0036	-0.0020	-4.06E+05	2.040
2983.400	6200	0	42735	0.0051	-0.0036	-0.0020	-4.34E+05	2.052
2984.400	6200	0	42664	0.0051	-0.0036	-0.0020	-4.71E+05	2.059
2985.400	6202	0	42735	0.0051	-0.0036	-0.0020	-5.20E+05	2.056
2986.400	6200	0	42700	0.0052	-0.0036	-0.0020	-5.55E+05	2.071
2987.400	6201	0	42700	0.0051	-0.0036	-0.0021	-5.99E+05	2.070
2988.400	6201	0	42700	0.0052	-0.0036	-0.0021	-6.29E+05	2.078
2989.400	6200	0	42735	0.0052	-0.0036	-0.0021	-6.71E+05	2.093
2990.400	6198	0	42700	0.0052	-0.0036	-0.0021	-7.04E+05	2.093
2991.390	6199	0	42735	0.0052	-0.0036	-0.0021	-7.22E+05	2.103
2992.390	6201	0	42735	0.0052	-0.0037	-0.0021	-7.55E+05	2.112
2993.390	6199	0	42700	0.0052	-0.0037	-0.0022	-7.64E+05	2.114
2994.390	6201	0	42700	0.0052	-0.0037	-0.0022	-8.15E+05	2.103
2995.390	6199	0	42735	0.0052	-0.0037	-0.0022	-8.24E+05	2.125
2996.390	6199	0	42735	0.0052	-0.0037	-0.0022	-8.79E+05	2.134
2997.390	6199	0	42700	0.0052	-0.0037	-0.0022	-8.88E+05	2.138
2998.390	6199	0	42700	0.0052	-0.0037	-0.0022	-9.10E+05	2.153
2999.390	6201	0	42700	0.0052	-0.0037	-0.0023	-9.55E+05	2.162
3000.390	6201	0	42664	0.0052	-0.0038	-0.0023	-9.93E+05	2.165
3001.390	6201	0	42735	0.0052	-0.0038	-0.0023	-1.06E+06	2.195
3002.390	6200	0	42700	0.0052	-0.0038	-0.0023	-1.12E+06	2.199
3003.390	6201	0	42664	0.0052	-0.0038	-0.0023	-1.14E+06	2.210

3004.390	6199	0	42700	0.0052	-0.0038	-0.0024	-1.21E+06	2.222
3005.390	6199	0	42700	0.0053	-0.0038	-0.0024	-1.24E+06	2.219
3006.390	6199	0	42629	0.0053	-0.0038	-0.0024	-1.27E+06	2.230
3007.390	6199	0	42593	0.0053	-0.0038	-0.0024	-1.33E+06	2.245
3008.390	6200	0	42664	0.0053	-0.0039	-0.0024	-1.40E+06	2.250
3009.390	6199	0	42629	0.0053	-0.0039	-0.0025	-1.44E+06	2.259
3010.390	6199	0	42558	0.0053	-0.0039	-0.0025	-1.53E+06	2.290
3011.390	6199	0	42593	0.0053	-0.0039	-0.0025	-1.60E+06	2.298
3012.390	6200	0	42593	0.0053	-0.0039	-0.0025	-1.69E+06	2.297
3013.390	6199	0	42593	0.0053	-0.0039	-0.0025	-1.77E+06	2.318
3014.390	6200	0	42629	0.0053	-0.0039	-0.0026	-1.87E+06	2.339
3015.390	6200	0	42558	0.0053	-0.0039	-0.0026	-1.96E+06	2.344
3016.390	6199	0	42593	0.0053	-0.0040	-0.0026	-2.08E+06	2.380
3017.390	6199	0	42523	0.0053	-0.0040	-0.0026	-2.19E+06	2.407
3018.390	6201	0	42593	0.0053	-0.0040	-0.0026	-2.30E+06	2.449
3019.390	6199	0	42523	0.0054	-0.0040	-0.0026	-2.42E+06	2.465
3020.390	6199	0	42558	0.0053	-0.0040	-0.0027	-2.52E+06	2.473
3021.390	6199	0	42487	0.0053	-0.0040	-0.0027	-2.60E+06	2.489
3022.390	6200	0	42487	0.0053	-0.0040	-0.0027	-2.70E+06	2.523
3023.380	6201	0	42523	0.0054	-0.0041	-0.0027	-2.84E+06	2.533
3024.380	6199	0	42452	0.0054	-0.0041	-0.0028	-2.96E+06	2.571
3025.380	6200	0	42452	0.0054	-0.0041	-0.0028	-3.12E+06	2.606
3026.380	6199	0	42381	0.0054	-0.0041	-0.0028	-3.22E+06	2.619
3027.380	6200	0	42381	0.0054	-0.0041	-0.0028	-3.30E+06	2.636
3028.380	6200	0	42452	0.0054	-0.0041	-0.0029	-3.40E+06	2.665
3029.380	6199	0	42345	0.0054	-0.0041	-0.0029	-3.50E+06	2.668
3030.380	6201	0	42381	0.0054	-0.0041	-0.0029	-3.61E+06	2.691
3031.380	6199	0	42381	0.0054	-0.0042	-0.0029	-3.69E+06	2.711
3032.380	6199	0	42345	0.0054	-0.0042	-0.0029	-3.78E+06	2.713
3033.380	6199	0	42310	0.0054	-0.0042	-0.0030	-3.89E+06	2.734
3034.380	6199	0	42345	0.0054	-0.0042	-0.0030	-3.97E+06	2.755
3035.380	6199	0	42310	0.0054	-0.0042	-0.0031	-4.07E+06	2.751
3036.380	6200	0	42239	0.0054	-0.0043	-0.0031	-4.19E+06	2.768
3037.380	6200	0	42204	0.0055	-0.0043	-0.0031	-4.30E+06	2.789
3038.380	6199	0	42204	0.0054	-0.0043	-0.0032	-4.40E+06	2.800
3039.380	6199	0	42133	0.0054	-0.0043	-0.0032	-4.48E+06	2.810
3040.380	6199	0	42062	0.0055	-0.0043	-0.0032	-4.58E+06	2.833
3041.380	6200	0	42062	0.0055	-0.0044	-0.0033	-4.64E+06	2.828
3042.380	6200	0	42026	0.0055	-0.0044	-0.0033	-4.74E+06	2.853
3043.380	6200	0	41991	0.0055	-0.0044	-0.0034	-4.83E+06	2.868
3044.380	6199	0	41920	0.0055	-0.0044	-0.0034	-4.88E+06	2.871
3045.380	6200	0	41885	0.0055	-0.0045	-0.0034	-4.90E+06	2.854
3046.380	6199	0	41885	0.0055	-0.0045	-0.0035	-4.93E+06	2.855
3047.380	6199	0	41849	0.0055	-0.0045	-0.0035	-5.02E+06	2.862
3048.380	6199	0	41707	0.0055	-0.0045	-0.0035	-5.07E+06	2.873
3049.380	6199	0	41743	0.0055	-0.0045	-0.0036	-5.10E+06	2.872
3050.380	6200	0	41637	0.0055	-0.0046	-0.0036	-5.14E+06	2.868
3051.380	6199	0	41672	0.0055	-0.0046	-0.0036	-5.17E+06	2.866
3052.380	6199	0	41637	0.0055	-0.0046	-0.0037	-5.29E+06	2.894
3053.380	6199	0	41601	0.0055	-0.0046	-0.0037	-5.33E+06	2.884
3054.370	6200	0	41530	0.0056	-0.0046	-0.0037	-5.40E+06	2.903
3055.370	6198	0	41495	0.0056	-0.0047	-0.0038	-5.45E+06	2.899
3056.370	6200	0	41530	0.0056	-0.0047	-0.0038	-5.46E+06	2.882
3057.370	6199	0	41424	0.0056	-0.0047	-0.0038	-5.47E+06	2.871
3058.370	6200	0	41424	0.0056	-0.0047	-0.0039	-5.49E+06	2.859
3059.370	6200	0	41424	0.0056	-0.0047	-0.0039	-5.51E+06	2.843
3060.370	6200	0	41282	0.0056	-0.0047	-0.0039	-5.53E+06	2.840
3061.370	6199	0	41318	0.0056	-0.0048	-0.0039	-5.56E+06	2.851
3062.370	6199	0	41282	0.0056	-0.0048	-0.0039	-5.55E+06	2.833
3063.370	6199	0	41211	0.0056	-0.0048	-0.0040	-5.49E+06	2.800
3064.370	6200	0	41211	0.0056	-0.0048	-0.0040	-5.45E+06	2.782
3065.370	6200	0	41141	0.0056	-0.0048	-0.0040	-5.41E+06	2.754
3066.370	6200	0	41176	0.0056	-0.0048	-0.0040	-5.41E+06	2.734
3067.370	6200	0	41105	0.0056	-0.0049	-0.0041	-5.40E+06	2.734
3068.370	6199	0	41105	0.0056	-0.0049	-0.0041	-5.37E+06	2.715
3069.370	6199	0	41070	0.0056	-0.0049	-0.0041	-5.38E+06	2.709
3070.370	6199	0	41034	0.0056	-0.0049	-0.0041	-5.35E+06	2.690
3071.370	6200	0	41034	0.0057	-0.0049	-0.0042	-5.25E+06	2.648
3072.370	6201	0	40928	0.0057	-0.0049	-0.0042	-5.25E+06	2.641
3073.370	6199	0	41034	0.0057	-0.0049	-0.0042	-5.22E+06	2.628
3074.370	6200	0	40928	0.0057	-0.0050	-0.0042	-5.20E+06	2.606
3075.370	6199	0	40893	0.0057	-0.0050	-0.0043	-5.23E+06	2.599
3076.370	6199	0	40893	0.0057	-0.0050	-0.0043	-5.25E+06	2.578
3077.370	6199	0	40857	0.0057	-0.0050	-0.0043	-5.24E+06	2.550
3078.370	6200	0	40822	0.0057	-0.0050	-0.0043	-5.29E+06	2.552
3079.370	6201	0	40786	0.0057	-0.0050	-0.0044	-5.36E+06	2.551
3080.370	6200	0	40751	0.0057	-0.0050	-0.0044	-5.40E+06	2.539
3081.370	6201	0	40715	0.0057	-0.0051	-0.0044	-5.45E+06	2.531
3082.370	6199	0	40715	0.0057	-0.0051	-0.0044	-5.47E+06	2.531

3083.370	6202	0	40644	0.0057	-0.0051	-0.0044	-5.50E+06	2.493
3084.370	6200	0	40609	0.0057	-0.0051	-0.0045	-5.59E+06	2.500
3085.360	6199	0	40609	0.0057	-0.0051	-0.0045	-5.63E+06	2.493
3086.360	6200	0	40609	0.0057	-0.0051	-0.0045	-5.70E+06	2.483
3087.360	6199	0	40538	0.0057	-0.0051	-0.0045	-5.80E+06	2.481
3088.360	6199	0	40574	0.0057	-0.0051	-0.0046	-5.88E+06	2.486
3089.360	6200	0	40538	0.0058	-0.0052	-0.0046	-5.95E+06	2.467
3090.360	6200	0	40503	0.0058	-0.0052	-0.0046	-6.06E+06	2.466
3091.360	6201	0	40432	0.0058	-0.0052	-0.0046	-6.18E+06	2.461
3092.360	6199	0	40467	0.0058	-0.0052	-0.0047	-6.25E+06	2.451
3093.360	6201	0	40361	0.0058	-0.0052	-0.0047	-6.34E+06	2.447
3094.360	6199	0	40326	0.0058	-0.0052	-0.0047	-6.44E+06	2.451
3095.360	6199	0	40290	0.0058	-0.0053	-0.0047	-6.50E+06	2.434
3096.360	6201	0	40326	0.0058	-0.0053	-0.0047	-6.60E+06	2.434
3097.360	6200	0	40184	0.0058	-0.0053	-0.0048	-6.67E+06	2.428
3098.360	6200	0	40148	0.0058	-0.0053	-0.0048	-6.78E+06	2.426
3099.360	6200	0	40148	0.0058	-0.0053	-0.0049	-6.85E+06	2.427
3100.360	6199	0	40007	0.0058	-0.0054	-0.0049	-6.92E+06	2.420
3101.360	6200	0	39971	0.0059	-0.0054	-0.0049	-6.95E+06	2.387
3102.360	6200	0	39900	0.0059	-0.0054	-0.0049	-7.07E+06	2.394
3103.360	6200	0	39829	0.0059	-0.0054	-0.0050	-7.18E+06	2.392
3104.360	6200	0	39723	0.0059	-0.0055	-0.0050	-7.24E+06	2.384
3105.360	6200	0	39688	0.0059	-0.0055	-0.0051	-7.34E+06	2.381
3106.360	6198	0	39652	0.0059	-0.0055	-0.0051	-7.45E+06	2.383
3107.360	6202	0	39652	0.0059	-0.0055	-0.0051	-7.50E+06	2.363
3108.360	6200	0	39475	0.0059	-0.0055	-0.0051	-7.58E+06	2.359
3109.360	6200	0	39440	0.0059	-0.0056	-0.0052	-7.67E+06	2.354
3110.360	6199	0	39404	0.0059	-0.0056	-0.0052	-7.75E+06	2.349
3111.360	6200	0	39298	0.0059	-0.0056	-0.0053	-7.82E+06	2.342
3112.360	6201	0	39192	0.0059	-0.0056	-0.0053	-7.90E+06	2.340
3113.360	6200	0	39227	0.0059	-0.0056	-0.0053	-8.00E+06	2.333
3114.360	6199	0	39085	0.0060	-0.0057	-0.0053	-8.03E+06	2.322
3115.360	6200	0	39014	0.0060	-0.0057	-0.0054	-8.09E+06	2.318
3116.350	6199	0	38908	0.0060	-0.0057	-0.0054	-8.10E+06	2.302
3117.350	6200	0	38873	0.0060	-0.0057	-0.0054	-8.12E+06	2.285
3118.350	6199	0	38837	0.0060	-0.0057	-0.0055	-8.15E+06	2.282
3119.350	6202	0	38802	0.0060	-0.0057	-0.0055	-8.42E+06	2.255
3120.350	6202	0	38731	0.0060	-0.0058	-0.0055	-8.56E+06	2.248
3121.350	6199	0	38625	0.0060	-0.0058	-0.0056	-8.66E+06	2.242
3122.350	6200	0	38589	0.0060	-0.0058	-0.0056	-8.65E+06	2.224
3123.350	6199	0	38518	0.0060	-0.0058	-0.0056	-8.78E+06	2.215
3124.350	6199	0	38483	0.0060	-0.0058	-0.0056	-9.16E+06	2.180
3125.350	6200	0	38412	0.0060	-0.0058	-0.0056	-1.02E+07	2.120
3126.350	6201	0	38270	0.0061	-0.0059	-0.0056	-1.16E+07	2.066
3127.350	6200	0	38235	0.0060	-0.0059	-0.0057	-1.29E+07	2.021
3128.350	6200	0	38129	0.0061	-0.0059	-0.0057	-1.40E+07	1.977
3129.350	6199	0	38164	0.0061	-0.0059	-0.0057	-1.50E+07	1.953
3130.350	6201	0	38022	0.0061	-0.0059	-0.0058	-1.59E+07	1.929
3131.350	6200	0	37987	0.0061	-0.0059	-0.0058	-1.67E+07	1.900
3132.350	6200	0	37916	0.0061	-0.0060	-0.0058	-1.73E+07	1.887
3133.350	6200	0	37881	0.0061	-0.0060	-0.0058	-1.79E+07	1.881
3134.350	6200	0	37810	0.0061	-0.0060	-0.0059	-1.82E+07	1.857
3135.350	6201	0	37774	0.0061	-0.0060	-0.0059	-1.87E+07	1.851
3136.350	6200	0	37703	0.0061	-0.0060	-0.0059	-1.90E+07	1.843
3137.350	6200	0	37668	0.0061	-0.0060	-0.0059	-1.93E+07	1.841
3138.350	6200	0	37526	0.0061	-0.0060	-0.0059	-1.97E+07	1.841
3139.350	6199	0	37562	0.0061	-0.0061	-0.0060	-2.00E+07	1.844
3140.350	6200	0	37491	0.0061	-0.0061	-0.0060	-2.01E+07	1.837
3141.350	6200	0	37420	0.0062	-0.0061	-0.0060	-2.02E+07	1.835
3142.350	6200	0	37349	0.0062	-0.0061	-0.0060	-2.02E+07	1.831
3143.350	6202	0	37349	0.0062	-0.0061	-0.0061	-2.00E+07	1.827
3144.350	6200	0	36321	0.0062	-0.0061	-0.0061	-2.00E+07	1.827
3145.350	6200	0	36817	0.0062	-0.0062	-0.0061	-2.00E+07	1.826
3146.350	6201	0	36853	0.0062	-0.0062	-0.0062	-1.97E+07	1.812
3147.340	6200	0	36853	0.0062	-0.0062	-0.0062	-1.98E+07	1.815
3148.340	6199	0	36569	0.0062	-0.0062	-0.0062	-1.97E+07	1.811
3149.340	6200	0	35364	0.0062	-0.0062	-0.0062	-1.95E+07	1.804
3150.340	6200	0	33309	0.0063	-0.0062	-0.0061	-1.94E+07	1.801
3151.340	6200	0	31715	0.0063	-0.0062	-0.0061	-1.92E+07	1.786
3152.340	6200	0	31502	0.0063	-0.0062	-0.0061	-1.87E+07	1.760
3153.340	6199	0	31715	0.0063	-0.0062	-0.0061	-1.86E+07	1.754
3154.340	6200	0	32175	0.0062	-0.0062	-0.0061	-1.82E+07	1.732
3155.340	6199	0	32530	0.0062	-0.0062	-0.0061	-1.78E+07	1.718
3156.340	6200	0	32884	0.0063	-0.0062	-0.0061	-1.74E+07	1.694
3157.340	6199	0	33238	0.0062	-0.0062	-0.0062	-1.69E+07	1.674
3158.340	6199	0	33628	0.0062	-0.0062	-0.0062	-1.63E+07	1.636
3159.340	6199	0	33983	0.0062	-0.0062	-0.0062	-1.58E+07	1.613
3160.340	6198	0	34372	0.0062	-0.0062	-0.0062	-1.53E+07	1.598
3161.340	6202	0	34727	0.0062	-0.0062	-0.0062	-1.50E+07	1.574

3162.340	6200	0	35046	0.0062	-0.0062	-0.0062	-1.49E+07	1.543
3163.340	6201	0	35294	0.0062	-0.0062	-0.0063	-1.51E+07	1.507
3164.340	6199	0	35506	0.0062	-0.0063	-0.0063	-1.55E+07	1.470
3165.340	6199	0	35719	0.0062	-0.0063	-0.0063	-1.58E+07	1.431
3166.340	6199	0	35790	0.0062	-0.0063	-0.0063	-1.62E+07	1.400
3167.340	6201	0	35861	0.0063	-0.0063	-0.0063	-1.64E+07	1.373
3168.340	6200	0	35790	0.0063	-0.0063	-0.0064	-1.65E+07	1.350
3169.340	6199	0	35577	0.0063	-0.0063	-0.0064	-1.65E+07	1.337
3170.340	6199	0	35329	0.0063	-0.0063	-0.0064	-1.66E+07	1.326
3171.340	6199	0	35117	0.0063	-0.0064	-0.0064	-1.65E+07	1.324
3172.340	6199	0	34904	0.0063	-0.0064	-0.0064	-1.62E+07	1.323
3173.340	6201	0	34727	0.0063	-0.0064	-0.0064	-1.59E+07	1.327
3174.340	6199	0	34550	0.0063	-0.0064	-0.0064	-1.55E+07	1.331
3175.340	6201	0	34337	0.0063	-0.0064	-0.0065	-1.52E+07	1.334
3176.340	6200	0	34124	0.0063	-0.0064	-0.0065	-1.52E+07	1.335
3177.340	6199	0	33983	0.0063	-0.0064	-0.0065	-1.53E+07	1.335
3178.330	6199	0	33734	0.0064	-0.0064	-0.0065	-1.55E+07	1.332
3179.330	6199	0	33522	0.0064	-0.0065	-0.0065	-1.55E+07	1.323
3180.330	6199	0	33274	0.0064	-0.0065	-0.0066	-1.58E+07	1.318
3181.330	6199	0	33061	0.0064	-0.0065	-0.0066	-1.60E+07	1.311
3182.330	6199	0	32849	0.0064	-0.0065	-0.0066	-1.61E+07	1.301
3183.330	6199	0	32601	0.0064	-0.0065	-0.0066	-1.64E+07	1.295
3184.330	6202	0	32423	0.0065	-0.0066	-0.0067	-1.68E+07	1.291
3185.330	6200	0	32175	0.0065	-0.0066	-0.0067	-1.71E+07	1.285
3186.330	6200	0	31679	0.0065	-0.0066	-0.0067	-1.74E+07	1.283
3187.330	6199	0	30793	0.0065	-0.0066	-0.0067	-1.76E+07	1.281
3188.330	6200	0	29978	0.0065	-0.0066	-0.0067	-1.77E+07	1.278
3189.330	6199	0	29376	0.0065	-0.0066	-0.0067	-1.79E+07	1.281
3190.330	6199	0	28915	0.0065	-0.0066	-0.0067	-1.79E+07	1.284
3191.330	6200	0	28809	0.0065	-0.0066	-0.0067	-1.79E+07	1.295
3192.330	6200	0	28632	0.0066	-0.0066	-0.0067	-1.76E+07	1.303
3193.330	6200	0	28809	0.0066	-0.0066	-0.0067	-1.73E+07	1.315
3194.330	6201	0	28915	0.0065	-0.0066	-0.0067	-1.67E+07	1.320
3195.330	6199	0	29199	0.0065	-0.0066	-0.0067	-1.62E+07	1.336
3196.330	6200	0	29553	0.0065	-0.0066	-0.0068	-1.56E+07	1.352
3197.330	6199	0	29766	0.0066	-0.0067	-0.0068	-1.49E+07	1.374
3198.330	6201	0	29978	0.0066	-0.0067	-0.0068	-1.41E+07	1.400
3199.330	6199	0	30262	0.0066	-0.0067	-0.0068	-1.32E+07	1.429
3200.330	6200	0	30475	0.0065	-0.0067	-0.0068	-1.21E+07	1.449
3201.330	6201	0	30687	0.0065	-0.0067	-0.0069	-1.07E+07	1.483
3202.330	6199	0	30864	0.0065	-0.0067	-0.0069	-9.29E+06	1.516
3203.330	6199	0	31041	0.0066	-0.0067	-0.0069	-7.69E+06	1.552
3204.330	6199	0	30900	0.0066	-0.0067	-0.0069	-6.20E+06	1.586
3205.330	6199	0	30616	0.0066	-0.0067	-0.0069	-4.90E+06	1.615
3206.330	6200	0	30333	0.0066	-0.0068	-0.0069	-3.78E+06	1.626
3207.330	6200	0	30120	0.0066	-0.0068	-0.0069	-2.99E+06	1.625
3208.330	6199	0	30014	0.0066	-0.0068	-0.0069	-2.47E+06	1.625
3209.330	6200	0	29766	0.0066	-0.0068	-0.0069	-2.23E+06	1.610
3210.320	6199	0	29624	0.0066	-0.0068	-0.0069	-2.24E+06	1.594
3211.320	6200	0	29518	0.0066	-0.0068	-0.0069	-2.43E+06	1.579
3212.320	6200	0	29447	0.0066	-0.0068	-0.0069	-2.88E+06	1.560
3213.320	6201	0	29518	0.0066	-0.0068	-0.0070	-3.71E+06	1.525
3214.320	6199	0	29589	0.0066	-0.0068	-0.0070	-4.70E+06	1.492
3215.320	6200	0	29730	0.0066	-0.0068	-0.0070	-5.73E+06	1.452
3216.320	6200	0	29801	0.0066	-0.0068	-0.0070	-6.68E+06	1.419
3217.320	6199	0	30014	0.0066	-0.0068	-0.0070	-7.56E+06	1.383
3218.320	6199	0	30226	0.0066	-0.0068	-0.0070	-8.33E+06	1.355
3219.320	6199	0	30475	0.0066	-0.0068	-0.0070	-8.95E+06	1.331
3220.320	6199	0	30652	0.0066	-0.0068	-0.0071	-9.47E+06	1.305
3221.320	6200	0	30900	0.0066	-0.0069	-0.0071	-9.99E+06	1.294
3222.320	6201	0	31041	0.0067	-0.0069	-0.0071	-1.03E+07	1.284
3223.320	6200	0	31112	0.0067	-0.0069	-0.0071	-1.05E+07	1.272
3224.320	6200	0	31183	0.0067	-0.0069	-0.0072	-1.06E+07	1.264
3225.320	6200	0	31289	0.0067	-0.0069	-0.0072	-1.05E+07	1.256
3226.320	6199	0	31325	0.0067	-0.0069	-0.0072	-1.05E+07	1.259
3227.320	6200	0	31360	0.0067	-0.0070	-0.0072	-1.03E+07	1.266
3228.320	6200	0	30864	0.0067	-0.0070	-0.0072	-1.01E+07	1.281
3229.320	6200	0	30439	0.0067	-0.0070	-0.0072	-9.77E+06	1.293
3230.320	6199	0	29943	0.0067	-0.0070	-0.0072	-9.24E+06	1.294
3231.320	6199	0	29553	0.0068	-0.0070	-0.0072	-8.76E+06	1.299
3232.320	6199	0	29092	0.0068	-0.0070	-0.0072	-8.32E+06	1.305
3233.320	6199	0	28703	0.0068	-0.0070	-0.0072	-7.86E+06	1.305
3234.320	6200	0	28384	0.0068	-0.0070	-0.0072	-7.42E+06	1.304
3235.320	6200	0	27994	0.0068	-0.0070	-0.0072	-7.10E+06	1.308
3236.320	6199	0	27710	0.0068	-0.0070	-0.0072	-6.82E+06	1.311
3237.320	6199	0	27462	0.0068	-0.0070	-0.0072	-6.50E+06	1.307
3238.320	6199	0	27214	0.0068	-0.0070	-0.0072	-6.30E+06	1.295
3239.320	6201	0	27073	0.0068	-0.0070	-0.0072	-6.45E+06	1.276
3240.320	6199	0	27073	0.0068	-0.0070	-0.0072	-6.91E+06	1.256

					3241.310	6200	0	27144	0.0068	-0.0070	-0.0072	-7.63E+06	1.227
					3242.310	6199	0	27179	0.0068	-0.0070	-0.0072	-8.54E+06	1.195
					3243.310	6199	0	27392	0.0068	-0.0071	-0.0073	-9.49E+06	1.159
					3244.310	6201	0	27675	0.0068	-0.0071	-0.0073	-1.04E+07	1.141
					3245.310	6200	0	27923	0.0068	-0.0071	-0.0073	-1.12E+07	1.115
					3246.310	6200	0	28136	0.0068	-0.0071	-0.0073	-1.18E+07	1.093
					3247.310	6199	0	28419	0.0068	-0.0071	-0.0073	-1.22E+07	1.073
					3248.310	6199	0	28632	0.0068	-0.0071	-0.0073	-1.25E+07	1.059
					3249.310	6200	0	28880	0.0068	-0.0071	-0.0073	-1.25E+07	1.052
					3250.310	6200	0	29128	0.0068	-0.0071	-0.0074	-1.25E+07	1.052
					3251.310	6201	0	29270	0.0068	-0.0071	-0.0074	-1.22E+07	1.052
					3252.310	6199	0	29553	0.0068	-0.0071	-0.0074	-1.18E+07	1.054
					3253.310	6200	0	29659	0.0068	-0.0071	-0.0074	-1.13E+07	1.064
					3254.310	6199	0	29766	0.0068	-0.0071	-0.0074	-1.10E+07	1.064
					3255.310	6200	0	29837	0.0069	-0.0071	-0.0074	-1.07E+07	1.064
					3256.310	6199	0	29943	0.0069	-0.0072	-0.0075	-1.06E+07	1.066
					3257.310	6200	0	29943	0.0069	-0.0072	-0.0075	-1.05E+07	1.063
					3258.310	6202	0	29837	0.0069	-0.0072	-0.0075	-1.05E+07	1.058
					3259.310	6199	0	29766	0.0069	-0.0072	-0.0075	-1.07E+07	1.054
					3260.310	6199	0	29730	0.0069	-0.0072	-0.0075	-1.09E+07	1.046
					3261.310	6199	0	29624	0.0069	-0.0072	-0.0076	-1.11E+07	1.036
					3262.310	6200	0	29518	0.0070	-0.0073	-0.0076	-1.15E+07	1.025
					3263.310	6199	0	29128	0.0070	-0.0073	-0.0076	-1.20E+07	1.014
					3264.310	6200	0	28207	0.0070	-0.0073	-0.0076	-1.25E+07	0.999
					3265.310	6200	0	27356	0.0070	-0.0073	-0.0076	-1.31E+07	0.984
					3266.310	6199	0	26435	0.0070	-0.0073	-0.0075	-1.36E+07	0.966
					3267.310	6199	0	25655	0.0070	-0.0073	-0.0075	-1.43E+07	0.948
					3268.310	6202	0	25017	0.0071	-0.0073	-0.0075	-1.49E+07	0.928
					3269.310	6201	0	24805	0.0070	-0.0073	-0.0075	-1.56E+07	0.909
					3270.310	6199	0	24805	0.0071	-0.0073	-0.0075	-1.64E+07	0.889
					3271.310	6199	0	24840	0.0071	-0.0073	-0.0075	-1.69E+07	0.866
					3272.300	6200	0	24946	0.0071	-0.0073	-0.0075	-1.78E+07	0.847
					3273.300	6199	0	25301	0.0071	-0.0073	-0.0075	-1.87E+07	0.827
					3274.300	6200	0	25655	0.0070	-0.0073	-0.0075	-1.94E+07	0.803
					3275.300	6200	0	26010	0.0070	-0.0073	-0.0076	-2.01E+07	0.779
					3276.300	6199	0	26328	0.0070	-0.0073	-0.0076	-2.09E+07	0.754
					3277.300	6199	0	26541	0.0070	-0.0073	-0.0076	-2.18E+07	0.731
					3278.300	6200	0	26895	0.0070	-0.0073	-0.0076	-2.28E+07	0.709