

25BA031 (Stage 1)									25BA031 (Stage 2)									25BA031 (Stage 3)									25BA031 (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]	[-]
1764.910	1201	0	0	0.0000	0.0000	0.0000			1477.130	2200	0	0	0.0000	0.0000	0.0000			1752.630	4202	0	0	0.0000	0.0000	0.0000			1628.040	6200	0	0	0.0000	0.0000	0.0000		
1765.910	1200	0	36	0.0000	0.0000	0.0000			1478.130	2199	0	-36	0.0000	0.0000	0.0000			1753.630	4200	0	0	0.0000	0.0000	0.0000			1629.040	6199	0	0	0.0000	0.0000	0.0000		
1766.910	1201	0	109	0.0000	0.0000	0.0000			1479.130	2201	0	0	0.0000	0.0000	0.0000			1754.630	4201	0	-36	0.0001	0.0000	0.0000			1630.040	6201	0	36	0.0000	0.0000	0.0000		
1767.910	1201	0	36	0.0000	0.0000	0.0000			1480.130	2199	0	36	0.0001	0.0000	0.0000			1755.630	4199	0	36	0.0000	0.0000	0.0000			1631.040	6200	0	73	0.0000	0.0000	0.0000		
1768.900	1201	0	73	0.0000	0.0000	0.0000			1481.130	2200	0	0	0.0001	0.0000	0.0000			1756.630	4198	0	181	0.0000	0.0000	0.0000			1632.040	6200	0	36	0.0000	0.0000	0.0000		
1769.900	1198	0	36	0.0000	0.0000	0.0000			1482.130	2201	0	36	0.0000	0.0000	0.0000			1757.630	4201	0	399	0.0000	0.0000	0.0000			1633.040	6200	0	73	0.0000	0.0000	0.0000		
1770.900	1199	0	36	0.0000	0.0000	0.0000			1483.130	2200	0	0	0.0000	0.0000	0.0000			1758.630	4200	0	472	0.0001	0.0000	0.0001			1634.040	6199	0	36	0.0000	0.0000	0.0000		
1771.900	1199	0	0	0.0000	0.0000	0.0000			1484.130	2199	0	0	0.0000	0.0000	0.0000			1759.620	4201	0	508	0.0001	0.0000	0.0001			1635.040	6199	0	36	0.0000	0.0000	0.0000		
1772.900	1201	0	36	0.0000	0.0000	0.0000			1485.130	2200	0	0	0.0000	0.0000	0.0000			1760.620	4201	0	544	0.0001	0.0000	0.0001			1636.040	6199	0	109	0.0000	0.0000	0.0000		
1773.900	1199	0	36	0.0000	0.0000	0.0000			1486.130	2201	0	0	0.0000	0.0000	0.0000			1761.620	4201	0	581	0.0001	0.0000	0.0001			1637.040	6199	0	109	0.0000	0.0000	0.0000		
1774.900	1199	0	36	0.0000	0.0000	0.0000			1487.130	2200	0	0	0.0000	0.0000	0.0000			1762.620	4201	0	290	0.0001	0.0000	0.0001			1638.040	6200	0	73	0.0000	0.0000	0.0000		
1775.900	1201	0	36	0.0000	0.0000	0.0000			1488.130	2199	0	36	0.0000	0.0000	0.0000			1763.620	4200	0	399	0.0001	0.0000	0.0001			1639.040	6199	0	73	0.0000	0.0000	0.0000		
1776.900	1199	0	36	0.0000	0.0000	0.0000			1489.130	2200	0	-36	0.0000	0.0000	0.0000			1764.620	4201	0	617	0.0001	0.0000	0.0001			1640.040	6201	0	73	0.0000	0.0000	0.0000		
1777.900	1200	0	36	0.0000	0.0000	0.0000			1490.130	2201	0	-36	0.0000	0.0000	0.0000			1765.620	4200	0	653	0.0001	0.0000	0.0001			1641.040	6201	0	145	0.0000	0.0000	0.0000		
1778.900	1198	0	73	0.0000	0.0000	0.0000			1491.130	2200	0	36	0.0000	0.0000	0.0000			1766.620	4200	0	726	0.0001	0.0000	0.0001			1642.040	6199	0	145	0.0000	0.0000	0.0000		
1779.900	1201	0	73	0.0000	0.0000	0.0000			1492.130	2198	0	36	0.0001	0.0000	0.0000			1767.620	4200	0	726	0.0001	0.0000	0.0001			1643.030	6200	0	73	0.0000	0.0000	0.0000		
1780.900	1200	0	36	0.0000	0.0000	0.0000			1493.130	2201	0	-36	0.0001	0.0000	0.0000			1768.620	4202	0	726	0.0001	0.0000	0.0001			1644.030	6201	0	109	0.0000	0.0000	0.0000		
1781.900	1201	0	36	0.0000	0.0000	0.0000			1494.130	2200	0	0	0.0000	0.0000	0.0000			1769.620	4200	0	762	0.0001	0.0000	0.0001			1645.030	6200	0	73	0.0000	0.0000	0.0000		
1782.900	1200	0	109	0.0000	0.0000	0.0000			1495.130	2201	0	0	0.0000	0.0000	0.0000			1770.620	4200	0	871	0.0001	0.0000	0.0001			1646.030	6201	0	109	0.0000	0.0000	0.0000		
1783.900	1199	0	36	0.0000	0.0000	0.0000			1496.130	2200	0	0	0.0000	0.0000	0.0000			1771.620	4198	0	835	0.0001	0.0000	0.0001			1647.030	6199	0	73	0.0000	0.0000	0.0000		
1784.900	1200	0	73	0.0000	0.0000	0.0000			1497.120	2201	0	36	0.0000	0.0000	0.0000			1772.620	4200	0	871	0.0001	0.0000	0.0001			1648.030	6201	0	109	0.0000	0.0000	0.0000		
1785.900	1201	0	36	0.0000	0.0000	0.0000			1498.120	2201	0	109	0.0001	0.0000	0.0001			1773.620	4201	0	835	0.0001	0.0000	0.0001			1649.030	6201	0	145	0.0000	0.0000	0.0000		
1786.900	1200	0	145	0.0000	0.0000	0.0000			1499.120	2201	0	36	0.0000	0.0000	0.0000			1774.620	4201	0	907	0.0001	0.0000	0.0001			1650.030	6							

1836.880	1200	0	254	0.0000	0.0000	0.0000	3.42E+05	0.077	1549.110	2201	0	218	0.0000	0.0000	0.0000	2.46E+06	0.087	1824.600	4199	0	2395	0.0004	0.0000	0.0003	7.30E+06	0.107	1700.020	6200	0	327	0.0001	0.0000	0.0001	3.89E+06	0.005
1837.880	1200	0	218	0.0000	0.0000	0.0000	5.47E+05	0.076	1550.110	2200	0	254	0.0001	0.0000	0.0000	2.33E+06	0.090	1825.600	4200	0	2467	0.0003	0.0000	0.0003	7.39E+06	0.108	1701.020	6199	0	254	0.0001	0.0000	0.0001	3.90E+06	0.008
1838.880	1200	0	290	0.0001	0.0000	0.0001	6.02E+05	0.077	1551.110	2201	0	254	0.0001	0.0000	0.0000	2.17E+06	0.092	1826.600	4201	0	2467	0.0004	0.0000	0.0003	7.35E+06	0.107	1702.020	6201	0	327	0.0000	0.0000	0.0000	4.18E+06	0.009
1839.880	1201	0	290	0.0000	0.0000	0.0000	4.87E+05	0.077	1552.110	2201	0	254	0.0001	0.0000	0.0001	2.11E+06	0.088	1827.600	4199	0	2467	0.0003	0.0000	0.0003	7.36E+06	0.107	1703.020	6200	0	327	0.0001	0.0000	0.0001	4.41E+06	0.007
1840.880	1201	0	218	0.0001	0.0000	0.0000	4.14E+05	0.082	1553.110	2200	0	327	0.0001	0.0000	0.0000	1.27E+06	0.092	1828.600	4200	0	2540	0.0004	0.0000	0.0003	7.45E+06	0.107	1704.020	6199	0	290	0.0001	0.0000	0.0001	4.40E+06	0.009
1841.880	1201	0	254	0.0001	0.0000	0.0000	4.29E+05	0.083	1554.110	2200	0	290	0.0000	0.0000	0.0000	1.30E+06	0.093	1829.600	4200	0	2613	0.0004	0.0000	0.0003	7.41E+06	0.106	1705.020	6202	0	363	0.0001	0.0000	0.0001	4.25E+06	0.006
1842.880	1200	0	254	0.0000	0.0000	0.0000	3.89E+05	0.085	1555.110	2201	0	218	0.0000	0.0000	0.0000	1.64E+06	0.093	1830.600	4200	0	2540	0.0004	0.0000	0.0003	7.43E+06	0.106	1706.010	6199	0	327	0.0000	0.0000	0.0000	4.28E+06	0.006
1843.880	1201	0	327	0.0000	0.0000	0.0000	4.51E+05	0.086	1556.110	2200	0	218	0.0000	0.0000	0.0000	2.05E+06	0.090	1831.600	4199	0	2649	0.0004	0.0000	0.0003	7.47E+06	0.107	1707.010	6199	0	327	0.0001	0.0000	0.0001	3.70E+06	0.022
1844.880	1201	0	290	0.0001	0.0000	0.0001	4.75E+05	0.084	1557.110	2200	0	290	0.0001	0.0000	0.0000	2.68E+06	0.089	1832.600	4200	0	2685	0.0004	0.0000	0.0003	7.44E+06	0.108	1708.010	6199	0	327	0.0001	0.0000	0.0001	3.53E+06	0.029
1845.880	1200	0	254	0.0001	0.0000	0.0001	5.36E+05	0.086	1558.110	2201	0	363	0.0001	0.0000	0.0001	2.80E+06	0.085	1833.600	4200	0	2685	0.0004	0.0000	0.0003	7.42E+06	0.107	1709.010	6199	0	363	0.0001	0.0000	0.0001	3.37E+06	0.032
1846.880	1200	0	363	0.0001	0.0000	0.0001	5.29E+05	0.085	1559.100	2200	0	327	0.0001	0.0000	0.0001	2.85E+06	0.083	1834.600	4201	0	2758	0.0004	0.0000	0.0003	7.51E+06	0.108	1710.010	6200	0	327	0.0000	0.0000	0.0001	3.32E+06	0.031
1847.880	1201	0	327	0.0001	0.0000	0.0001	5.14E+05	0.085	1560.100	2200	0	327	0.0001	0.0000	0.0000	3.17E+06	0.082	1835.600	4199	0	2685	0.0004	0.0000	0.0003	7.53E+06	0.109	1711.010	6199	0	363	0.0001	0.0000	0.0001	3.30E+06	0.029
1848.880	1200	0	290	0.0000	0.0000	0.0000	4.45E+05	0.088	1561.100	2199	0	254	0.0000	0.0000	0.0000	3.57E+06	0.083	1836.600	4201	0	2866	0.0004	0.0000	0.0003	7.53E+06	0.111	1712.010	6199	0	363	0.0001	0.0000	0.0001	3.28E+06	0.032
1849.880	1200	0	290	0.0000	0.0000	0.0000	5.52E+05	0.088	1562.100	2200	0	254	0.0000	0.0000	0.0000	4.01E+06	0.081	1837.600	4201	0	2830	0.0004	0.0000	0.0003	7.45E+06	0.110	1713.010	6200	0	327	0.0000	0.0000	0.0000	3.38E+06	0.033
1850.880	1200	0	290	0.0001	0.0000	0.0001	5.04E+05	0.086	1563.100	2201	0	254	0.0001	0.0000	0.0001	4.48E+06	0.082	1838.600	4200	0	2830	0.0004	0.0000	0.0003	7.57E+06	0.110	1714.010	6199	0	363	0.0001	0.0000	0.0001	3.60E+06	0.042
1851.880	1199	0	254	0.0001	0.0000	0.0001	4.52E+05	0.081	1564.100	2200	0	254	0.0001	0.0000	0.0001	4.39E+06	0.085	1839.600	4200	0	2903	0.0004	0.0000	0.0003	7.54E+06	0.110	1715.010	6200	0	363	0.0001	0.0000	0.0001	3.63E+06	0.050
1852.880	1200	0	218	0.0001	0.0000	0.0001	4.89E+05	0.081	1565.100	2201	0	290	0.0001	0.0000	0.0001	4.20E+06	0.086	1840.600	4201	0	2903	0.0004	0.0000	0.0004	7.65E+06	0.111	1716.010	6199	0	399	0.0000	0.0000	0.0001	3.69E+06	0.054
1853.880	1200	0	218	0.0001	0.0000	0.0001	4.91E+05	0.081	1566.100	2200	0	254	0.0001	0.0000	0.0000	4.39E+06	0.087	1841.600	4201	0	2975	0.0004	0.0000	0.0003	7.69E+06	0.111	1717.010	6200	0	399	0.0001	0.0000	0.0001	3.77E+06	0.054
1854.880	1199	0	327	0.0000	0.0000	0.0000	3.81E+05	0.084	1567.100	2201	0	290	0.0001	0.0000	0.0001	4.65E+06	0.084	1842.600	4201	0	3012	0.0004	0.0000	0.0003	7.71E+06	0.110	1718.010	6199	0	399	0.0001	0.0000	0.0001	3.65E+06	0.053
1855.880	1200	0	327	0.0000	0.0000	0.0000	5.49E+05	0.082	1568.100	2201	0	290	0.0000	0.0000	0.0000	4.97E+06	0.080	1843.600	4200	0	3048	0.0004	0.0000	0.0003	7.70E+06	0.110	1719.010	6200	0	399	0.0001	0.0000	0.0001	3.74E+06	0.058
1856.880	1200	0	363	0.0000	0.0000	0.0000	4.11E+05	0.082	1569.100	2200	0	290	0.0001	0.0000	0.0001	5.29E+06	0.080	1844.600	4199	0	3012	0.0004	0.0000	0.0004	7.73E+06	0.111	1720.010	6201	0	399	0.0001	0.0000	0.0001	3.85E+06	0.063
1857.880	1201	0	327	0.0001	0.0000	0.0001	3.54E+05	0.084	1570.100	2199	0	399	0.0001	0.0000	0.0001	5.28E+06	0.080	1845.600	4201	0	3084	0.0004	0.0000	0.0004	7.73E+06	0.111	1721.010	6199	0	399	0.0001	0.0000	0.0001	4.16E+06	0.061
1858.880	1199	0	327	0.0001	0.0000	0.0000	3.86E+05	0.083	1571.100	2200	0	327	0.0001	0.0000	0.0001	5.04E+06	0.078	1846.600	4202	0	3084	0.0004	0.0000	0.0004	7.73E+06	0.110	1722.010	6202	0	472	0.0000	0.0000	0.0001	4.54E+06	0.065
1859.880	1199	0	290	0.0001	0.0000	0.0001	4.25E+05	0.082	1572.100	2200	0	290	0.0001	0.0000	0.0000	5.15E+06	0.079	1847.600	4201	0	3157	0.0004	0.0000	0.0004	7.77E+06	0.110	1723.010	6199	0	399	0.0001	0.0000	0.0001	4.72E+06	0.070
1860.880	1200	0	290	0.0000	0.0000	0.0000	4.01E+05	0.085	1573.100	2199	0	327	0.0001	0.0000	0.0001	5.36E+06	0.078	1848.600	4198	0	3193	0.0004	0.0000	0.0004	7.81E+06	0.111	1724.010	6199	0	435	0.0001	0.0000	0.0001	4.89E+06	0.072
1861.870	1201	0	290	0.0000	0.0000	0.0000	4.56E+05	0.081	1574.100	2199	0	363	0.0000	0.0000	0.0000	5.63E+06	0.077	1849.600	4202	0	3193	0.0004	0.0000	0.0004	7.79E+06	0.111	1725.010	6200	0	435	0.0001	0.0000	0.0001	5.32E+06	0.071
1862.870	1199	0	363	0.0001	0.0000	0.0001	4.87E+05	0.075	1575.100	2201	0	327	0.0001	0.0000	0.0000	5.85E+06	0.077	1850.600	4201	0	3229	0.0004	0.0000	0.0004	7.71E+06	0.110	1726.010	6201	0	472	0.0001	0.0000	0.0001	5.44E+06	0.074
1863.870	1201	0	327	0.0001	0.0000	0.0001	3.51E+05	0.073	1576.100	2201	0	327	0.0001	0.0000	0.0001	5.88E+06	0.077	1851.600	4199	0	3229	0.0005	0.0000	0.0004	7.72E+06	0.112	1727.010	6199	0	508	0.0001	0.0000	0.0001	5.68E+06	0.074
1864.870	1200	0	327	0.0001	0.0000	0.0001	3.58E+05	0.072	1576.530	2202	0	327	0.0001	0.0000	0.0001	5.63E+06	0.078	1852.590	4198	0	3266	0.0005	0.0000	0.0004	7.67E+06	0.110	1728.010	6199	0	472	0.0001	0.0000	0.0001	5.96E+06	0.079
1865.870	1202	0	254	0.0001	0.0000	0.0001	3.23E+05	0.073	1577.520	2200	0	145	0.0001	0.0000	0.0001	5.71E+06	0.079	1853.590	4202	0	3374	0.0005	0.0000	0.0004	7.82E+06	0.110	1729.010	6199	0	472	0.0000	0.0000	0.0000	6.13E+06	0.083
1866.870	1199	0	290	0.0000	0.0000	0.0000	2.09E+05	0.075	1578.520	2200	0	363	0.0001	0.0000	0.0001	5.91E+06	0.081	1854.590	4200	0	3374	0.0005	0.0000	0.0004	7.89E+06	0.110	1730.010	6200	0	435	0.0001	0.0000	0.0001	6.38E+06	0.084
1867.870	1200	0	363	0.0000	0.0000	0.0000	2.49E+05	0.076	1579.520	2201	0	472	0.0001	0.0000	0.0001	6.13E+06	0.080	1855.590	4200	0	3411	0.0005	0.0000	0.0004	7.84E+06	0.109	1730.370	6201	0	435	0.0001	0.0000	0.0001	6.81E+06	0.089
1868.870	1200	0	290	0.0001	0.0000	0.0001	7.96E+04	0.080	1580.520	2199	0	581	0.0001	0.0000	0.0001	6.29E+06	0.079	1856.590	4201	0	3447	0.0005	0.0000	0.0004	7.79E+06	0.108	1731.370	6199	0	399	0.0001	0.0000	0.0001	6.87E+06	0.089
1869.870	1202	0	327	0.0001																															

1912.810	1202	0	544	0.0001	0.0000	0.0001	5.37E+06	0.052	1624.510	2200	0	1742	0.0003	0.0000	0.0003	6.03E+06	0.092	1900.580	4201	0	4862	0.0007	-0.0001	0.0005	7.35E+06	0.122	1775.360	6199	0	1996	0.0002	0.0000	0.0002	8.32E+06	0.099
1913.810	1201	0	544	0.0001	0.0000	0.0001	5.42E+06	0.051	1625.510	2201	0	1633	0.0003	0.0000	0.0002	6.01E+06	0.091	1901.580	4200	0	4935	0.0007	-0.0001	0.0005	7.29E+06	0.121	1776.360	6199	0	1996	0.0003	0.0000	0.0002	8.24E+06	0.099
1914.810	1201	0	544	0.0001	0.0000	0.0001	5.50E+06	0.053	1626.510	2200	0	1669	0.0003	0.0000	0.0002	6.01E+06	0.092	1902.580	4200	0	4935	0.0007	-0.0001	0.0005	7.32E+06	0.122	1777.360	6200	0	1959	0.0003	0.0000	0.0002	8.29E+06	0.099
1915.810	1201	0	544	0.0001	0.0000	0.0001	5.38E+06	0.054	1627.510	2200	0	1887	0.0003	0.0000	0.0002	5.99E+06	0.092	1903.580	4199	0	4898	0.0007	-0.0001	0.0005	7.30E+06	0.121	1778.360	6201	0	2032	0.0003	0.0000	0.0002	8.32E+06	0.101
1916.810	1200	0	581	0.0001	0.0000	0.0001	5.36E+06	0.054	1628.510	2198	0	2105	0.0003	0.0000	0.0002	6.12E+06	0.093	1904.580	4203	0	5007	0.0007	-0.0001	0.0005	7.42E+06	0.121	1779.360	6200	0	2104	0.0003	0.0000	0.0002	8.25E+06	0.101
1917.810	1200	0	653	0.0001	0.0000	0.0001	5.36E+06	0.055	1629.510	2200	0	2105	0.0003	0.0000	0.0002	6.18E+06	0.095	1905.580	4201	0	5007	0.0007	-0.0001	0.0005	7.40E+06	0.118	1780.360	6199	0	2104	0.0003	0.0000	0.0002	8.36E+06	0.102
1918.810	1200	0	689	0.0001	0.0000	0.0001	5.47E+06	0.054	1630.510	2200	0	1923	0.0003	0.0000	0.0003	6.09E+06	0.093	1906.580	4201	0	5080	0.0007	-0.0001	0.0005	7.38E+06	0.117	1781.360	6200	0	2213	0.0003	0.0000	0.0002	8.40E+06	0.104
1919.810	1201	0	689	0.0001	0.0000	0.0001	5.54E+06	0.054	1631.510	2201	0	1814	0.0003	0.0000	0.0003	6.10E+06	0.094	1907.580	4199	0	5044	0.0007	-0.0001	0.0006	7.42E+06	0.116	1782.350	6199	0	2213	0.0003	0.0000	0.0002	8.39E+06	0.104
1920.810	1199	0	762	0.0001	0.0000	0.0001	5.54E+06	0.055	1632.510	2200	0	1814	0.0003	0.0000	0.0003	6.19E+06	0.094	1908.580	4200	0	5152	0.0007	-0.0001	0.0005	7.40E+06	0.117	1783.350	6199	0	2286	0.0003	0.0000	0.0002	8.32E+06	0.103
1921.810	1199	0	762	0.0001	0.0000	0.0001	5.50E+06	0.056	1633.510	2200	0	2177	0.0003	0.0000	0.0002	6.15E+06	0.094	1909.580	4198	0	5189	0.0007	-0.0001	0.0005	7.55E+06	0.120	1784.350	6200	0	2286	0.0003	0.0000	0.0003	8.36E+06	0.105
1922.810	1201	0	798	0.0001	0.0000	0.0001	5.47E+06	0.058	1634.510	2200	0	2213	0.0003	0.0000	0.0003	6.30E+06	0.093	1910.580	4201	0	5189	0.0007	-0.0001	0.0006	7.61E+06	0.119	1785.350	6200	0	2322	0.0003	0.0000	0.0003	8.25E+06	0.106
1923.810	1200	0	907	0.0001	0.0000	0.0001	5.43E+06	0.057	1635.510	2200	0	2213	0.0003	0.0000	0.0003	6.27E+06	0.092	1911.580	4200	0	5261	0.0007	-0.0001	0.0005	7.68E+06	0.120	1786.350	6200	0	2358	0.0003	0.0000	0.0003	8.28E+06	0.107
1924.800	1200	0	871	0.0001	0.0000	0.0001	5.48E+06	0.058	1636.510	2201	0	2141	0.0004	0.0000	0.0003	6.27E+06	0.093	1912.580	4200	0	5189	0.0007	-0.0001	0.0006	7.73E+06	0.121	1787.350	6200	0	2358	0.0003	0.0000	0.0003	8.26E+06	0.106
1925.800	1200	0	871	0.0002	0.0000	0.0001	5.54E+06	0.059	1637.510	2200	0	1996	0.0003	0.0000	0.0003	6.36E+06	0.093	1913.580	4200	0	5334	0.0007	-0.0001	0.0006	7.83E+06	0.122	1788.350	6199	0	2431	0.0003	0.0000	0.0003	8.18E+06	0.105
1926.800	1202	0	943	0.0001	0.0000	0.0001	5.59E+06	0.058	1638.510	2200	0	1996	0.0003	0.0000	0.0003	6.38E+06	0.091	1914.580	4200	0	5261	0.0007	-0.0001	0.0006	7.74E+06	0.121	1789.350	6199	0	2467	0.0003	0.0000	0.0003	8.18E+06	0.104
1927.800	1202	0	980	0.0002	0.0000	0.0001	5.55E+06	0.061	1639.500	2202	0	2286	0.0003	0.0000	0.0003	6.43E+06	0.092	1915.570	4199	0	5370	0.0007	-0.0001	0.0006	7.84E+06	0.120	1790.350	6199	0	2504	0.0003	0.0000	0.0003	8.18E+06	0.106
1928.800	1200	0	1016	0.0002	0.0000	0.0002	5.57E+06	0.061	1640.500	2199	0	2431	0.0004	0.0000	0.0003	6.61E+06	0.092	1916.570	4199	0	5370	0.0007	-0.0001	0.0006	7.94E+06	0.121	1791.350	6199	0	2540	0.0003	0.0000	0.0003	8.18E+06	0.106
1929.800	1200	0	980	0.0002	0.0000	0.0002	5.57E+06	0.061	1641.500	2201	0	2431	0.0004	0.0000	0.0003	6.62E+06	0.092	1917.570	4198	0	5370	0.0007	-0.0001	0.0006	7.92E+06	0.121	1792.350	6199	0	2540	0.0003	0.0000	0.0003	8.22E+06	0.108
1930.800	1199	0	1052	0.0002	0.0000	0.0002	5.59E+06	0.062	1642.500	2201	0	2250	0.0004	0.0000	0.0003	6.47E+06	0.092	1918.570	4201	0	5479	0.0007	-0.0001	0.0006	7.91E+06	0.121	1793.350	6200	0	2612	0.0003	0.0000	0.0003	8.18E+06	0.108
1931.800	1200	0	1125	0.0002	0.0000	0.0002	5.56E+06	0.062	1643.500	2201	0	2250	0.0004	0.0000	0.0003	6.39E+06	0.092	1919.570	4201	0	5515	0.0007	-0.0001	0.0006	7.91E+06	0.121	1794.350	6199	0	2649	0.0003	0.0000	0.0003	8.20E+06	0.109
1932.800	1201	0	1089	0.0002	0.0000	0.0002	5.55E+06	0.061	1644.500	2201	0	2177	0.0004	0.0000	0.0003	6.43E+06	0.093	1920.570	4201	0	5515	0.0007	-0.0001	0.0006	7.92E+06	0.121	1795.350	6199	0	2649	0.0003	0.0000	0.0003	8.25E+06	0.107
1933.800	1200	0	1125	0.0002	0.0000	0.0002	5.53E+06	0.062	1645.500	2200	0	2467	0.0004	0.0000	0.0003	6.48E+06	0.094	1921.570	4201	0	5588	0.0007	-0.0001	0.0006	7.94E+06	0.120	1796.350	6200	0	2685	0.0003	0.0000	0.0003	8.18E+06	0.107
1934.800	1200	0	1161	0.0002	0.0000	0.0002	5.53E+06	0.063	1646.500	2201	0	2576	0.0004	0.0000	0.0003	6.56E+06	0.094	1922.570	4200	0	5552	0.0007	-0.0001	0.0006	7.93E+06	0.120	1797.350	6199	0	2721	0.0003	0.0000	0.0003	8.15E+06	0.107
1935.800	1199	0	1089	0.0002	0.0000	0.0002	5.61E+06	0.064	1647.500	2200	0	2649	0.0004	0.0000	0.0003	6.58E+06	0.093	1923.570	4201	0	5588	0.0007	-0.0001	0.0006	8.00E+06	0.121	1798.350	6200	0	2721	0.0004	0.0000	0.0003	8.22E+06	0.107
1936.800	1200	0	1197	0.0002	0.0000	0.0002	5.57E+06	0.063	1648.500	2201	0	2431	0.0004	0.0000	0.0003	6.59E+06	0.092	1924.570	4199	0	5370	0.0008	-0.0001	0.0006	7.96E+06	0.120	1799.350	6201	0	2830	0.0003	0.0000	0.0003	8.25E+06	0.108
1937.800	1199	0	1234	0.0002	0.0000	0.0002	5.58E+06	0.063	1649.500	2200	0	2358	0.0004	0.0000	0.0003	6.59E+06	0.094	1925.570	4199	0	5370	0.0008	-0.0001	0.0006	7.95E+06	0.119	1800.350	6200	0	2830	0.0004	0.0000	0.0003	8.28E+06	0.108
1938.800	1200	0	1197	0.0002	0.0000	0.0002	5.60E+06	0.064	1650.500	2201	0	2358	0.0004	0.0000	0.0003	6.61E+06	0.094	1926.570	4201	0	5588	0.0007	-0.0001	0.0006	8.01E+06	0.120	1801.350	6199	0	2903	0.0004	0.0000	0.0003	8.38E+06	0.108
1939.800	1201	0	1342	0.0002	0.0000	0.0002	5.51E+06	0.064	1651.500	2200	0	2576	0.0004	0.0000	0.0003	6.62E+06	0.095	1927.570	4202	0	5697	0.0008	-0.0001	0.0006	8.06E+06	0.119	1802.350	6200	0	2903	0.0004	0.0000	0.0003	8.36E+06	0.107
1940.800	1201	0	1306	0.0002	0.0000	0.0002	5.45E+06	0.064	1652.500	2199	0	2758	0.0004	0.0000	0.0003	6.67E+06	0.095	1928.570	4202	0	5733	0.0008	-0.0001	0.0006	8.12E+06	0.118	1803.350	6200	0	2939	0.0004	0.0000	0.0003	8.33E+06	0.108
1941.800	1200	0	1306	0.0002	0.0000	0.0002	5.45E+06	0.065	1653.500	2200	0	2794	0.0004	0.0000	0.0003	6.71E+06	0.096	1929.570	4200	0	5878	0.0008	-0.0001	0.0006	8.21E+06	0.120	1804.350	6200	0	2939	0.0004	0.0000	0.0003	8.33E+06	0.109
1942.800	1199	0	1379	0.0003	0.0000	0.0002	5.40E+06	0.064	1654.500	2201	0	2613	0.0004	0.0000	0.0003	6.73E+06	0.096	1930.570	4202	0	5842	0.0008	-0.0001	0.0006	8.29E+06	0.121	1805.350	6201	0	3048	0.0004	0.0000	0.0003	8.27E+06	0.110
1943.800	1199	0	1451	0.0002	0.0000	0.0002	5.42E+06	0.064	1655.500	2200	0	2540	0.0004	0.0000	0.0004	6.78E+06	0.097	1931.570	4200	0	5914	0.0008	-0.0001	0.0006	8.29E+06	0.121	1806.350	6201	0	3012	0.0004	0.0000	0.0003	8.14E+06	0.107
1944.800	1199	0	1379	0.0002	0.0000	0.0002	5.44E+06	0.065	1656.500	2201	0	2540	0.0004	0.0000	0.0003	6.78E+06	0.099	1932.570	4201	0	5951	0.0008	-0.0001	0.0006	8.37E+06	0.122	1807.350	6199	0	3157	0.0004	0.0000	0		

1988.780	1200	0	2612	0.0005	0.0000	0.0004	5.77E+06	0.080	1700.490	2201	0	4245	0.0006	-0.0001	0.0005	6.80E+06	0.113	1976.560	4199	0	7438	0.0010	-0.0001	0.0007	8.93E+06	0.140	1851.330	6199	0	4463	0.0005	-0.0001	0.0004	8.48E+06	0.126
1989.780	1199	0	2649	0.0005	0.0000	0.0004	5.82E+06	0.081	1701.480	2201	0	4282	0.0006	-0.0001	0.0005	6.88E+06	0.112	1977.550	4202	0	7547	0.0010	-0.0001	0.0008	8.93E+06	0.141	1852.330	6199	0	4536	0.0006	-0.0001	0.0005	8.57E+06	0.127
1990.780	1200	0	2612	0.0005	0.0000	0.0004	5.85E+06	0.081	1702.480	2200	0	4209	0.0006	-0.0001	0.0005	6.83E+06	0.112	1978.550	4202	0	7511	0.0010	-0.0001	0.0008	8.83E+06	0.139	1853.330	6199	0	4572	0.0006	-0.0001	0.0005	8.56E+06	0.127
1991.780	1201	0	2612	0.0004	0.0000	0.0004	5.79E+06	0.080	1703.480	2200	0	4028	0.0006	-0.0001	0.0005	6.84E+06	0.113	1979.550	4198	0	7620	0.0009	-0.0001	0.0007	8.79E+06	0.139	1854.330	6199	0	4536	0.0006	-0.0001	0.0005	8.57E+06	0.127
1992.780	1200	0	2721	0.0005	0.0000	0.0004	5.80E+06	0.080	1704.480	2199	0	4028	0.0006	-0.0001	0.0005	6.91E+06	0.113	1980.550	4199	0	7656	0.0010	-0.0001	0.0008	8.80E+06	0.140	1855.330	6199	0	4608	0.0006	-0.0001	0.0005	8.66E+06	0.130
1993.780	1200	0	2758	0.0005	0.0000	0.0004	5.84E+06	0.080	1705.480	2201	0	4209	0.0006	-0.0001	0.0005	6.91E+06	0.113	1981.550	4200	0	7656	0.0010	-0.0001	0.0008	8.73E+06	0.139	1856.330	6200	0	4644	0.0006	-0.0001	0.0005	8.66E+06	0.131
1994.780	1200	0	2830	0.0005	0.0000	0.0004	5.99E+06	0.080	1706.480	2201	0	4463	0.0006	-0.0001	0.0005	6.95E+06	0.113	1982.550	4201	0	7620	0.0010	-0.0001	0.0008	8.73E+06	0.138	1857.330	6200	0	4717	0.0006	-0.0001	0.0005	8.59E+06	0.129
1995.780	1199	0	2721	0.0005	0.0000	0.0004	6.01E+06	0.081	1707.480	2201	0	4572	0.0006	-0.0001	0.0005	6.96E+06	0.114	1983.550	4202	0	7729	0.0010	-0.0001	0.0008	8.74E+06	0.137	1858.330	6201	0	4789	0.0006	-0.0001	0.0005	8.55E+06	0.129
1996.780	1201	0	2794	0.0005	0.0000	0.0004	6.10E+06	0.082	1708.480	2200	0	4427	0.0006	-0.0001	0.0005	7.03E+06	0.113	1984.550	4199	0	7729	0.0010	-0.0001	0.0008	8.77E+06	0.137	1859.330	6199	0	4753	0.0006	-0.0001	0.0005	8.68E+06	0.130
1997.780	1200	0	2903	0.0005	0.0000	0.0004	6.17E+06	0.081	1709.480	2201	0	4245	0.0007	-0.0001	0.0005	7.01E+06	0.111	1985.550	4202	0	7801	0.0010	-0.0001	0.0008	8.71E+06	0.137	1860.330	6199	0	4789	0.0006	-0.0001	0.0005	8.70E+06	0.130
1998.780	1201	0	2903	0.0005	0.0000	0.0004	6.19E+06	0.082	1710.480	2199	0	4209	0.0006	-0.0001	0.0005	6.92E+06	0.112	1986.550	4200	0	7874	0.0010	-0.0001	0.0008	8.80E+06	0.139	1861.330	6201	0	4826	0.0006	-0.0001	0.0005	8.68E+06	0.132
1999.780	1200	0	2939	0.0005	0.0000	0.0004	6.29E+06	0.083	1711.480	2200	0	4354	0.0006	-0.0001	0.0005	6.94E+06	0.111	1987.550	4200	0	7910	0.0010	-0.0001	0.0008	8.77E+06	0.140	1862.330	6200	0	4789	0.0006	-0.0001	0.0005	8.69E+06	0.133
2000.780	1201	0	2939	0.0005	0.0000	0.0005	6.33E+06	0.083	1712.480	2201	0	4644	0.0006	-0.0001	0.0005	6.97E+06	0.112	1988.550	4200	0	7801	0.0010	-0.0001	0.0008	8.63E+06	0.138	1863.330	6199	0	4971	0.0006	-0.0001	0.0005	8.66E+06	0.133
2001.780	1200	0	2939	0.0005	0.0000	0.0005	6.42E+06	0.085	1713.480	2200	0	4681	0.0007	-0.0001	0.0005	7.01E+06	0.112	1989.550	4201	0	7946	0.0010	-0.0001	0.0008	8.62E+06	0.139	1864.330	6199	0	4935	0.0006	-0.0001	0.0005	8.69E+06	0.135
2002.780	1198	0	2975	0.0005	0.0000	0.0005	6.46E+06	0.084	1714.480	2201	0	4536	0.0007	-0.0001	0.0005	7.03E+06	0.112	1990.550	4199	0	7910	0.0010	-0.0001	0.0008	8.48E+06	0.138	1865.330	6199	0	5007	0.0006	-0.0001	0.0005	8.87E+06	0.137
2003.780	1200	0	3012	0.0005	0.0000	0.0004	6.55E+06	0.085	1715.480	2201	0	4427	0.0007	-0.0001	0.0006	7.05E+06	0.112	1991.550	4200	0	7946	0.0010	-0.0001	0.0008	8.47E+06	0.138	1866.330	6200	0	5044	0.0006	-0.0001	0.0005	8.90E+06	0.136
2004.780	1201	0	3048	0.0005	0.0000	0.0005	6.60E+06	0.085	1716.480	2199	0	4390	0.0007	-0.0001	0.0006	7.05E+06	0.113	1992.550	4201	0	8055	0.0010	-0.0001	0.0008	8.55E+06	0.140	1867.330	6199	0	5007	0.0006	-0.0001	0.0005	8.81E+06	0.136
2005.780	1202	0	3048	0.0005	0.0000	0.0004	6.61E+06	0.085	1717.480	2199	0	4572	0.0006	-0.0001	0.0005	7.08E+06	0.112	1993.550	4200	0	8055	0.0010	-0.0001	0.0008	8.54E+06	0.139	1868.330	6200	0	5116	0.0006	-0.0001	0.0005	8.76E+06	0.138
2006.780	1201	0	3120	0.0005	0.0000	0.0005	6.55E+06	0.085	1718.480	2201	0	4862	0.0007	-0.0001	0.0005	7.11E+06	0.112	1994.550	4200	0	8091	0.0010	-0.0001	0.0008	8.54E+06	0.139	1869.330	6200	0	5152	0.0006	-0.0001	0.0005	8.82E+06	0.137
2007.780	1201	0	3157	0.0005	0.0000	0.0005	6.65E+06	0.086	1719.480	2202	0	4971	0.0007	-0.0001	0.0005	7.25E+06	0.113	1995.550	4201	0	8091	0.0010	-0.0001	0.0008	8.51E+06	0.140	1870.330	6199	0	5116	0.0006	-0.0001	0.0005	8.87E+06	0.137
2008.780	1200	0	3157	0.0005	0.0000	0.0005	6.63E+06	0.085	1720.480	2199	0	4790	0.0007	-0.0001	0.0006	7.41E+06	0.116	1996.550	4199	0	8128	0.0010	-0.0001	0.0008	8.41E+06	0.138	1871.330	6199	0	5152	0.0006	-0.0001	0.0005	8.75E+06	0.138
2009.780	1200	0	3193	0.0005	0.0000	0.0005	6.56E+06	0.085	1721.480	2201	0	4644	0.0007	-0.0001	0.0006	7.48E+06	0.116	1997.550	4199	0	8200	0.0010	-0.0001	0.0008	8.51E+06	0.140	1872.330	6199	0	5152	0.0006	-0.0001	0.0005	8.97E+06	0.138
2010.780	1200	0	3193	0.0005	0.0000	0.0005	6.55E+06	0.084	1722.480	2200	0	4608	0.0007	-0.0001	0.0006	7.49E+06	0.117	1998.550	4199	0	8273	0.0010	-0.0001	0.0008	8.54E+06	0.142	1873.330	6200	0	5261	0.0006	-0.0001	0.0005	9.17E+06	0.139
2011.780	1200	0	3266	0.0005	0.0000	0.0005	6.63E+06	0.085	1723.480	2200	0	4790	0.0007	-0.0001	0.0005	7.57E+06	0.117	1999.550	4200	0	8273	0.0010	-0.0001	0.0008	8.56E+06	0.144	1874.330	6199	0	5261	0.0006	-0.0001	0.0005	9.31E+06	0.142
2012.780	1199	0	3338	0.0005	0.0000	0.0005	6.68E+06	0.086	1724.480	2200	0	5044	0.0007	-0.0001	0.0006	7.56E+06	0.117	2000.550	4200	0	8273	0.0010	-0.0001	0.0008	8.61E+06	0.145	1875.330	6200	0	5370	0.0007	-0.0001	0.0005	9.40E+06	0.142
2013.780	1200	0	3266	0.0006	0.0000	0.0005	6.66E+06	0.086	1725.480	2200	0	5080	0.0007	-0.0001	0.0006	7.67E+06	0.120	2001.550	4202	0	8345	0.0011	-0.0001	0.0008	8.72E+06	0.145	1876.320	6199	0	5370	0.0007	-0.0001	0.0005	9.50E+06	0.143
2014.780	1201	0	3302	0.0006	0.0000	0.0005	6.64E+06	0.086	1726.480	2201	0	5007	0.0007	-0.0001	0.0006	7.72E+06	0.121	2002.550	4200	0	8382	0.0010	-0.0001	0.0008	8.70E+06	0.144	1877.320	6199	0	5370	0.0006	-0.0001	0.0005	9.61E+06	0.146
2015.780	1201	0	3338	0.0005	0.0000	0.0005	6.65E+06	0.086	1727.480	2201	0	4790	0.0007	-0.0001	0.0006	7.73E+06	0.122	2003.550	4200	0	8382	0.0011	-0.0001	0.0008	8.71E+06	0.143	1878.320	6199	0	5370	0.0007	-0.0001	0.0005	9.50E+06	0.146
2016.780	1199	0	3338	0.0006	0.0000	0.0005	6.61E+06	0.084	1728.480	2200	0	4790	0.0007	-0.0001	0.0006	7.77E+06	0.124	2004.550	4199	0	8454	0.0011	-0.0001	0.0008	8.67E+06	0.143	1879.320	6202	0	5479	0.0007	-0.0001	0.0005	9.39E+06	0.145
2017.780	1200	0	3374	0.0006	0.0000	0.0005	6.56E+06	0.084	1729.480	2201	0	5044	0.0007	-0.0001	0.0006	7.78E+06	0.125	2005.550	4201	0	8454	0.0011	-0.0001	0.0008	8.82E+06	0.145	1880.320	6200	0	5515	0.0007	-0.0001	0.0005	9.36E+06	0.144
2018.770	1199	0	3447	0.0006	0.0000	0.0005	6.57E+06	0.084	1730.480	2200	0	5189	0.0007	-0.0001	0.0006	7.89E+06	0.126	2006.550	4199	0	8491	0.0011	-0.0001	0.0008	8.81E+06	0.144	1881.320	6201	0	5515	0.0007	-0.0001	0.0005	9.31E+06	0.145
2019.770	1201	0	3520	0.0006	0.0000	0.0005	6.58E+06	0.085	1731.480	2201	0	5334	0.0007	-0.0001	0.0006	7.96E+06	0.128	2007.550	4201	0	8563	0.0011	-0.0001	0.0008	8.73E+06	0.145	1882.320	6200	0	5588	0.0007	-0.0001	0.0005	9.21E+06	0.145
2020.770	1199	0	3483	0.0006	0.0000	0.0005	6.61E+06	0.086	1732.470	2199	0	5152	0.0008	-0.0001	0.0006	8.02E+06	0.128	2008.540	4200	0	8599	0.0011	-0.0001	0.0008	8.65E+06	0.144	1883.320	6199	0	5551	0.0007				

2064.760	1200	0	4826	0.0008	-0.0001	0.0007	6.87E+06	0.099	1776.460	2199	0	6495	0.0009	-0.0001	0.0007	7.69E+06	0.133	2052.530	4200	0	10196	0.0012	-0.0001	0.0010	9.56E+06	0.164	1927.310	6200	0	7112	0.0008	-0.0001	0.0007	9.15E+06	0.148
2065.760	1201	0	4862	0.0008	-0.0001	0.0007	6.74E+06	0.099	1777.460	2201	0	6531	0.0009	-0.0001	0.0007	7.71E+06	0.134	2053.530	4198	0	10160	0.0012	-0.0001	0.0009	9.56E+06	0.164	1928.310	6201	0	7184	0.0008	-0.0001	0.0006	9.26E+06	0.149
2066.760	1199	0	4826	0.0008	-0.0001	0.0007	6.74E+06	0.101	1778.460	2200	0	7003	0.0009	-0.0001	0.0007	7.74E+06	0.134	2054.530	4201	0	10232	0.0012	-0.0001	0.0010	9.53E+06	0.164	1929.310	6199	0	7184	0.0008	-0.0001	0.0006	9.19E+06	0.149
2067.760	1198	0	4862	0.0008	-0.0001	0.0007	6.79E+06	0.100	1779.460	2200	0	7039	0.0009	-0.0001	0.0007	7.78E+06	0.137	2055.530	4200	0	10232	0.0013	-0.0001	0.0010	9.53E+06	0.165	1930.310	6201	0	7257	0.0008	-0.0001	0.0007	9.16E+06	0.149
2068.760	1199	0	4935	0.0008	-0.0001	0.0007	6.73E+06	0.100	1780.460	2200	0	6967	0.0009	-0.0001	0.0007	7.76E+06	0.137	2056.530	4200	0	10305	0.0012	-0.0001	0.0009	9.63E+06	0.166	1931.310	6199	0	7221	0.0009	-0.0001	0.0007	9.29E+06	0.150
2069.760	1199	0	4935	0.0008	-0.0001	0.0007	6.74E+06	0.100	1781.460	2201	0	6749	0.0009	-0.0001	0.0007	7.87E+06	0.138	2057.530	4201	0	10341	0.0013	-0.0001	0.0010	9.70E+06	0.167	1932.310	6199	0	7293	0.0009	-0.0001	0.0007	9.19E+06	0.149
2070.760	1200	0	5007	0.0008	-0.0001	0.0007	6.70E+06	0.101	1782.460	2201	0	6749	0.0009	-0.0001	0.0007	7.84E+06	0.139	2058.530	4201	0	10377	0.0013	-0.0001	0.0010	9.68E+06	0.167	1933.310	6201	0	7329	0.0009	-0.0001	0.0007	9.25E+06	0.150
2071.760	1202	0	5080	0.0008	-0.0001	0.0007	6.72E+06	0.101	1783.460	2198	0	6713	0.0009	-0.0001	0.0007	7.87E+06	0.139	2059.530	4200	0	10377	0.0013	-0.0002	0.0010	9.63E+06	0.166	1934.310	6200	0	7366	0.0009	-0.0001	0.0007	9.26E+06	0.149
2072.760	1200	0	5080	0.0008	-0.0001	0.0007	6.87E+06	0.102	1784.460	2199	0	7184	0.0009	-0.0001	0.0007	7.88E+06	0.139	2060.530	4201	0	10414	0.0013	-0.0002	0.0010	9.62E+06	0.168	1935.310	6199	0	7438	0.0009	-0.0001	0.0007	9.15E+06	0.148
2073.760	1201	0	5044	0.0008	-0.0001	0.0007	6.98E+06	0.103	1785.460	2201	0	7257	0.0009	-0.0001	0.0007	7.74E+06	0.138	2061.530	4200	0	10486	0.0013	-0.0002	0.0010	9.56E+06	0.168	1936.310	6199	0	7438	0.0009	-0.0001	0.0007	9.18E+06	0.148
2074.760	1200	0	5080	0.0008	-0.0001	0.0007	7.01E+06	0.104	1786.460	2201	0	7184	0.0010	-0.0001	0.0008	7.82E+06	0.138	2062.530	4202	0	10486	0.0013	-0.0002	0.0010	9.47E+06	0.166	1937.310	6201	0	7438	0.0009	-0.0001	0.0007	9.19E+06	0.150
2075.760	1200	0	5116	0.0008	-0.0001	0.0007	7.04E+06	0.103	1787.460	2201	0	7003	0.0010	-0.0001	0.0008	7.64E+06	0.136	2063.530	4199	0	10486	0.0013	-0.0002	0.0010	9.52E+06	0.168	1938.300	6199	0	7438	0.0009	-0.0001	0.0007	9.13E+06	0.150
2076.760	1201	0	5189	0.0008	-0.0001	0.0007	7.05E+06	0.103	1788.460	2200	0	6930	0.0010	-0.0001	0.0008	7.61E+06	0.137	2064.530	4199	0	10595	0.0013	-0.0002	0.0010	9.57E+06	0.167	1939.300	6200	0	7511	0.0009	-0.0001	0.0007	9.18E+06	0.151
2077.760	1199	0	5225	0.0008	-0.0001	0.0007	7.08E+06	0.104	1789.460	2199	0	6967	0.0009	-0.0001	0.0007	7.74E+06	0.138	2065.530	4199	0	10631	0.0013	-0.0002	0.0010	9.58E+06	0.165	1940.300	6199	0	7583	0.0009	-0.0001	0.0007	9.32E+06	0.154
2078.760	1201	0	5189	0.0009	-0.0001	0.0007	7.14E+06	0.105	1790.460	2200	0	7329	0.0009	-0.0001	0.0007	7.99E+06	0.139	2066.530	4200	0	10704	0.0013	-0.0002	0.0010	9.60E+06	0.166	1941.300	6200	0	7656	0.0009	-0.0001	0.0007	9.25E+06	0.154
2079.760	1202	0	5225	0.0008	-0.0001	0.0007	7.22E+06	0.105	1791.460	2201	0	7475	0.0010	-0.0001	0.0007	8.17E+06	0.141	2067.530	4199	0	10704	0.0013	-0.0002	0.0010	9.68E+06	0.168	1942.300	6200	0	7656	0.0009	-0.0001	0.0007	9.18E+06	0.153
2080.750	1201	0	5261	0.0008	-0.0001	0.0007	7.17E+06	0.106	1792.460	2201	0	7366	0.0010	-0.0001	0.0008	8.31E+06	0.141	2068.530	4199	0	10704	0.0013	-0.0002	0.0010	9.68E+06	0.167	1943.300	6199	0	7692	0.0009	-0.0001	0.0007	9.21E+06	0.153
2081.750	1199	0	5261	0.0008	-0.0001	0.0007	7.17E+06	0.107	1793.460	2200	0	7221	0.0010	-0.0001	0.0008	8.31E+06	0.140	2069.530	4200	0	10776	0.0013	-0.0002	0.0010	9.72E+06	0.169	1944.300	6199	0	7765	0.0009	-0.0001	0.0007	9.18E+06	0.153
2082.750	1201	0	5334	0.0008	-0.0001	0.0007	7.29E+06	0.107	1794.460	2200	0	7112	0.0010	-0.0001	0.0008	8.32E+06	0.142	2070.530	4200	0	10776	0.0013	-0.0002	0.0010	9.63E+06	0.167	1945.300	6199	0	7729	0.0009	-0.0001	0.0007	9.19E+06	0.152
2083.750	1203	0	5370	0.0008	-0.0001	0.0007	7.32E+06	0.107	1795.450	2200	0	7184	0.0010	-0.0001	0.0008	8.39E+06	0.142	2071.520	4201	0	10813	0.0013	-0.0002	0.0010	9.53E+06	0.165	1946.300	6199	0	7801	0.0009	-0.0001	0.0007	9.28E+06	0.152
2084.750	1200	0	5406	0.0008	-0.0001	0.0007	7.36E+06	0.109	1796.450	2200	0	7547	0.0010	-0.0001	0.0008	8.47E+06	0.143	2072.520	4201	0	10922	0.0013	-0.0002	0.0010	9.62E+06	0.165	1947.300	6200	0	7910	0.0009	-0.0001	0.0007	9.33E+06	0.151
2085.750	1200	0	5406	0.0008	-0.0001	0.0007	7.47E+06	0.109	1797.450	2201	0	7692	0.0010	-0.0001	0.0008	8.38E+06	0.143	2073.520	4200	0	10922	0.0013	-0.0002	0.0010	9.64E+06	0.163	1948.300	6199	0	7837	0.0009	-0.0001	0.0007	9.20E+06	0.150
2086.750	1201	0	5479	0.0009	-0.0001	0.0007	7.55E+06	0.109	1798.450	2199	0	7547	0.0010	-0.0001	0.0008	8.53E+06	0.144	2074.520	4201	0	10994	0.0013	-0.0002	0.0010	9.53E+06	0.160	1949.300	6199	0	7874	0.0009	-0.0001	0.0007	9.24E+06	0.151
2087.750	1201	0	5552	0.0008	-0.0001	0.0007	7.60E+06	0.110	1799.450	2200	0	7366	0.0010	-0.0001	0.0008	8.52E+06	0.144	2075.520	4199	0	10994	0.0013	-0.0002	0.0010	9.63E+06	0.161	1950.300	6200	0	7910	0.0009	-0.0001	0.0007	9.34E+06	0.151
2088.750	1202	0	5552	0.0009	-0.0001	0.0007	7.70E+06	0.111	1800.450	2200	0	7402	0.0010	-0.0001	0.0008	8.46E+06	0.145	2076.520	4200	0	11030	0.0013	-0.0002	0.0010	9.62E+06	0.163	1951.300	6200	0	7946	0.0009	-0.0001	0.0007	9.40E+06	0.153
2089.750	1201	0	5588	0.0008	-0.0001	0.0007	7.82E+06	0.113	1801.450	2200	0	7402	0.0010	-0.0001	0.0008	8.47E+06	0.145	2077.520	4199	0	11067	0.0013	-0.0002	0.0010	9.59E+06	0.162	1952.300	6201	0	8055	0.0009	-0.0001	0.0007	9.32E+06	0.152
2090.750	1201	0	5624	0.0009	-0.0001	0.0008	7.75E+06	0.111	1802.450	2200	0	7765	0.0010	-0.0001	0.0008	8.48E+06	0.144	2078.520	4199	0	11067	0.0013	-0.0002	0.0010	9.64E+06	0.161	1953.300	6202	0	8019	0.0009	-0.0001	0.0007	9.29E+06	0.152
2091.750	1200	0	5588	0.0009	-0.0001	0.0007	7.84E+06	0.112	1803.450	2201	0	7874	0.0010	-0.0001	0.0008	8.43E+06	0.146	2079.520	4202	0	11139	0.0013	-0.0002	0.0010	9.60E+06	0.161	1954.300	6200	0	8055	0.0009	-0.0001	0.0007	9.42E+06	0.153
2092.750	1200	0	5624	0.0009	-0.0001	0.0007	7.84E+06	0.113	1804.450	2200	0	7837	0.0010	-0.0001	0.0008	8.73E+06	0.147	2080.520	4199	0	11212	0.0013	-0.0002	0.0010	9.64E+06	0.160	1955.300	6199	0	8055	0.0009	-0.0001	0.0007	9.56E+06	0.154
2093.750	1200	0	5624	0.0009	-0.0001	0.0007	7.80E+06	0.112	1805.450	2201	0	7656	0.0010	-0.0001	0.0008	8.73E+06	0.146	2081.520	4199	0	11248	0.0013	-0.0002	0.0010	9.71E+06	0.160	1956.300	6202	0	8200	0.0009	-0.0001	0.0007	9.63E+06	0.156
2094.750	1203	0	5733	0.0009	-0.0001	0.0008	7.93E+06	0.113	1806.450	2200	0	7547	0.0010	-0.0001	0.0008	8.67E+06	0.147	2082.520	4202	0	11284	0.0013	-0.0002	0.0010	9.76E+06	0.161	1957.300	6202	0	8200	0.0010	-0.0001	0.0007	9.58E+06	0.155
2095.750	1200	0	5733	0.0009	-0.0001	0.0007	7.89E+06	0.112	1807.450	2200	0	7620	0.0010	-0.0001	0.0008	8.69E+06	0.147	2083.520	4200	0	11284	0.0014	-0.0002	0.0010	9.78E+06	0.160	1958.300	6200	0	8273	0.0009	-0.0001	0.0007	9.62E+06	0.154
2096.750	1200	0	5805	0.0009	-0.0001	0.0008	7.95E+06	0.112	1808.450	2200	0	8019	0.0010	-0.0001	0.0008	8.75E+06	0.148	2084.520	4201	0	11321	0.0014	-0.0002	0.0010	9.63E+06	0.160	1959.300								

2140.740	1199	0	7221	0.0011	-0.0001	0.0009	7.20E+06	0.111	1852.440	2199	0	9615	0.0012	-0.0001	0.0009	7.91E+06	0.148	2128.510	4199	0	13026	0.0015	-0.0002	0.0011	9.90E+06	0.173	2003.280	6199	0	9978	0.0011	-0.0001	0.0008	9.85E+06	0.166
2141.740	1199	0	7293	0.0011	-0.0001	0.0009	7.10E+06	0.109	1853.440	2201	0	9470	0.0012	-0.0001	0.0009	7.89E+06	0.148	2129.510	4200	0	13062	0.0015	-0.0002	0.0011	1.00E+07	0.174	2004.280	6199	0	10014	0.0011	-0.0001	0.0009	9.92E+06	0.165
2142.740	1200	0	7293	0.0011	-0.0001	0.0009	7.18E+06	0.110	1854.440	2201	0	9325	0.0012	-0.0001	0.0009	7.81E+06	0.147	2130.510	4200	0	13099	0.0015	-0.0002	0.0011	9.98E+06	0.175	2005.280	6201	0	10051	0.0011	-0.0001	0.0009	9.92E+06	0.164
2143.730	1202	0	7438	0.0011	-0.0001	0.0009	7.15E+06	0.110	1855.440	2200	0	9434	0.0012	-0.0001	0.0009	7.82E+06	0.147	2131.510	4199	0	13135	0.0015	-0.0002	0.0011	9.98E+06	0.175	2006.280	6199	0	10087	0.0011	-0.0001	0.0008	9.85E+06	0.163
2144.730	1201	0	7366	0.0011	-0.0001	0.0009	7.17E+06	0.110	1856.440	2201	0	9760	0.0012	-0.0001	0.0009	7.84E+06	0.148	2132.510	4200	0	13135	0.0015	-0.0002	0.0012	1.00E+07	0.176	2007.280	6199	0	10160	0.0011	-0.0001	0.0009	9.85E+06	0.164
2145.730	1198	0	7402	0.0011	-0.0001	0.0009	7.24E+06	0.110	1857.430	2201	0	9978	0.0012	-0.0001	0.0009	7.84E+06	0.149	2133.500	4198	0	13171	0.0015	-0.0002	0.0011	1.00E+07	0.177	2008.280	6199	0	10196	0.0011	-0.0001	0.0008	9.77E+06	0.164
2146.730	1201	0	7438	0.0011	-0.0001	0.0009	7.25E+06	0.110	1858.430	2201	0	9942	0.0012	-0.0001	0.0009	7.95E+06	0.150	2134.500	4199	0	13244	0.0016	-0.0002	0.0012	1.00E+07	0.176	2009.280	6199	0	10160	0.0011	-0.0001	0.0009	9.79E+06	0.164
2147.730	1200	0	7475	0.0011	-0.0001	0.0009	7.34E+06	0.110	1859.430	2201	0	9688	0.0012	-0.0001	0.0009	8.06E+06	0.153	2135.500	4200	0	13280	0.0015	-0.0002	0.0012	9.89E+06	0.179	2010.280	6200	0	10196	0.0012	-0.0001	0.0009	9.71E+06	0.163
2148.730	1203	0	7475	0.0011	-0.0001	0.0009	7.25E+06	0.110	1860.430	2200	0	9543	0.0013	-0.0001	0.0010	7.99E+06	0.153	2136.500	4200	0	13353	0.0016	-0.0002	0.0012	9.86E+06	0.179	2011.280	6200	0	10232	0.0011	-0.0001	0.0009	9.73E+06	0.162
2149.730	1200	0	7547	0.0011	-0.0001	0.0009	7.18E+06	0.110	1861.430	2200	0	9507	0.0012	-0.0001	0.0009	7.99E+06	0.154	2137.500	4201	0	13389	0.0016	-0.0002	0.0012	9.83E+06	0.177	2012.280	6200	0	10341	0.0012	-0.0001	0.0009	9.85E+06	0.164
2150.730	1200	0	7583	0.0011	-0.0001	0.0009	7.25E+06	0.110	1862.430	2201	0	9869	0.0012	-0.0001	0.0009	8.08E+06	0.154	2138.500	4201	0	13353	0.0016	-0.0002	0.0012	9.95E+06	0.178	2013.280	6200	0	10377	0.0012	-0.0001	0.0009	9.87E+06	0.164
2151.730	1200	0	7583	0.0011	-0.0001	0.0009	7.47E+06	0.110	1863.430	2200	0	10160	0.0012	-0.0001	0.0009	8.06E+06	0.154	2139.500	4199	0	13462	0.0016	-0.0002	0.0012	9.97E+06	0.176	2014.280	6200	0	10377	0.0012	-0.0001	0.0009	9.90E+06	0.164
2152.730	1200	0	7547	0.0011	-0.0001	0.0009	7.56E+06	0.111	1864.430	2201	0	10160	0.0013	-0.0001	0.0010	8.24E+06	0.156	2140.500	4203	0	13498	0.0016	-0.0002	0.0012	9.94E+06	0.176	2015.280	6198	0	10413	0.0011	-0.0001	0.0009	9.94E+06	0.165
2153.730	1203	0	7620	0.0011	-0.0001	0.0009	7.57E+06	0.111	1865.430	2199	0	9942	0.0013	-0.0002	0.0010	8.45E+06	0.158	2141.500	4200	0	13498	0.0016	-0.0002	0.0012	9.98E+06	0.176	2016.280	6199	0	10486	0.0012	-0.0001	0.0009	9.88E+06	0.165
2154.730	1200	0	7656	0.0011	-0.0001	0.0009	7.65E+06	0.111	1866.430	2201	0	9760	0.0013	-0.0002	0.0010	8.31E+06	0.158	2142.500	4198	0	13534	0.0016	-0.0002	0.0012	1.00E+07	0.177	2017.280	6201	0	10486	0.0012	-0.0001	0.0009	9.96E+06	0.165
2155.730	1201	0	7729	0.0011	-0.0001	0.0009	7.45E+06	0.111	1867.430	2200	0	9833	0.0013	-0.0001	0.0010	8.37E+06	0.160	2143.500	4200	0	13607	0.0016	-0.0002	0.0012	1.01E+07	0.177	2018.280	6198	0	10595	0.0012	-0.0001	0.0009	9.98E+06	0.166
2156.730	1201	0	7765	0.0012	-0.0001	0.0010	7.50E+06	0.111	1868.430	2201	0	10160	0.0012	-0.0001	0.0009	8.43E+06	0.161	2144.500	4203	0	13607	0.0016	-0.0002	0.0012	9.98E+06	0.175	2019.280	6200	0	10595	0.0012	-0.0001	0.0009	9.98E+06	0.167
2157.730	1199	0	7765	0.0011	-0.0001	0.0009	7.68E+06	0.112	1869.430	2201	0	10450	0.0012	-0.0002	0.0009	8.43E+06	0.163	2145.500	4199	0	13643	0.0016	-0.0002	0.0012	9.97E+06	0.175	2020.280	6200	0	10631	0.0012	-0.0002	0.0009	9.95E+06	0.167
2158.730	1202	0	7801	0.0011	-0.0001	0.0010	7.63E+06	0.111	1870.430	2201	0	10341	0.0013	-0.0002	0.0010	8.51E+06	0.163	2146.500	4199	0	13643	0.0016	-0.0002	0.0012	9.85E+06	0.174	2021.280	6199	0	10704	0.0012	-0.0001	0.0009	9.99E+06	0.168
2159.730	1201	0	7837	0.0011	-0.0001	0.0009	7.57E+06	0.109	1871.430	2201	0	10196	0.0013	-0.0002	0.0010	8.61E+06	0.164	2147.500	4201	0	13752	0.0016	-0.0002	0.0012	9.88E+06	0.174	2022.280	6201	0	10740	0.0012	-0.0002	0.0009	1.00E+07	0.169
2160.730	1200	0	7910	0.0011	-0.0001	0.0009	7.70E+06	0.110	1872.430	2199	0	10015	0.0013	-0.0002	0.0010	8.67E+06	0.165	2148.500	4202	0	13752	0.0016	-0.0002	0.0012	9.88E+06	0.173	2023.280	6200	0	10740	0.0012	-0.0002	0.0009	1.00E+07	0.168
2161.730	1201	0	7910	0.0012	-0.0001	0.0010	7.61E+06	0.111	1873.430	2200	0	10015	0.0013	-0.0002	0.0010	8.58E+06	0.165	2149.500	4200	0	13788	0.0016	-0.0002	0.0012	9.83E+06	0.173	2024.280	6199	0	10740	0.0012	-0.0002	0.0009	9.99E+06	0.168
2162.730	1201	0	7946	0.0012	-0.0001	0.0010	7.67E+06	0.112	1874.430	2201	0	10377	0.0013	-0.0002	0.0010	8.69E+06	0.167	2150.500	4200	0	13861	0.0016	-0.0002	0.0012	9.76E+06	0.174	2025.280	6201	0	10849	0.0012	-0.0002	0.0009	1.00E+07	0.169
2163.730	1201	0	7983	0.0012	-0.0001	0.0010	7.76E+06	0.111	1875.430	2199	0	10631	0.0013	-0.0002	0.0010	8.60E+06	0.167	2151.500	4202	0	13897	0.0016	-0.0002	0.0012	9.79E+06	0.174	2026.280	6199	0	10813	0.0012	-0.0002	0.0009	9.94E+06	0.169
2164.730	1200	0	7983	0.0012	-0.0001	0.0010	7.73E+06	0.111	1876.430	2201	0	10559	0.0013	-0.0002	0.0010	8.63E+06	0.167	2152.500	4201	0	13933	0.0016	-0.0002	0.0012	9.79E+06	0.174	2027.280	6199	0	10849	0.0012	-0.0002	0.0009	9.83E+06	0.167
2165.730	1200	0	8019	0.0012	-0.0001	0.0010	7.70E+06	0.112	1877.430	2200	0	10341	0.0013	-0.0002	0.0010	8.70E+06	0.169	2153.500	4200	0	13933	0.0016	-0.0002	0.0012	9.72E+06	0.173	2028.280	6200	0	10885	0.0012	-0.0002	0.0009	9.86E+06	0.168
2166.730	1202	0	8091	0.0012	-0.0001	0.0010	7.76E+06	0.112	1878.430	2200	0	10196	0.0013	-0.0002	0.0010	8.60E+06	0.168	2154.500	4198	0	14042	0.0016	-0.0002	0.0012	9.64E+06	0.173	2029.280	6203	0	11030	0.0012	-0.0002	0.0009	9.87E+06	0.168
2167.730	1200	0	8164	0.0012	-0.0001	0.0010	7.69E+06	0.110	1879.430	2201	0	10268	0.0013	-0.0002	0.0010	8.64E+06	0.169	2155.500	4197	0	14006	0.0016	-0.0002	0.0012	9.64E+06	0.172	2030.280	6199	0	11067	0.0012	-0.0002	0.0009	9.84E+06	0.167
2168.730	1200	0	8128	0.0012	-0.0001	0.0010	7.74E+06	0.110	1880.430	2201	0	10486	0.0013	-0.0002	0.0010	8.65E+06	0.170	2156.500	4199	0	14078	0.0016	-0.0002	0.0012	9.64E+06	0.172	2031.280	6199	0	11030	0.0012	-0.0002	0.0009	9.85E+06	0.167
2169.730	1199	0	8128	0.0012	-0.0001	0.0010	7.87E+06	0.111	1881.430	2202	0	10813	0.0013	-0.0002	0.0010	8.47E+06	0.167	2157.500	4200	0	14115	0.0016	-0.0002	0.0012	9.62E+06	0.171	2032.270	6200	0	11067	0.0012	-0.0002	0.0009	9.84E+06	0.168
2170.730	1201	0	8237	0.0012	-0.0001	0.0010	7.88E+06	0.113	1882.430	2201	0	10813	0.0013	-0.0002	0.0010	8.53E+06	0.167	2158.500	4200	0	14151	0.0016	-0.0002	0.0012	9.65E+06	0.170	2033.270	6200	0	11139	0.0012	-0.0002	0.0009	9.90E+06	0.168
2171.730	1200	0	8309	0.0012	-0.0001	0.0010	7.82E+06	0.113	1883.430	2200	0	10595	0.0013	-0.0002	0.0010	8.55E+06	0.170	2159.500	4201	0	14187	0.0017	-0.0002	0.0012	9.62E+06	0.169	2034.270	6200	0	11176	0.0012	-0.0002	0.0009	9.87E+06	0.168
2172.730	1201	0	8382	0.0012	-0.0001	0.0010	7.88E+06	0.113	1884.430	2198	0	10486	0.0013	-0.0002	0.0010	8.56E+06	0.170	2160.500	4201	0	14115	0.0016	-0.000												

2216.710	1200	0	9760	0.0014	-0.0001	0.0011	8.08E+06	0.125	1928.410	2201	0	12264	0.0015	-0.0002	0.0011	9.48E+06	0.183	2204.480	4200	0	15965	0.0018	-0.0002	0.0013	1.08E+07	0.196	2079.260	6200	0	12917	0.0014	-0.0002	0.0010	9.74E+06	0.167
2217.710	1200	0	9760	0.0014	-0.0001	0.0011	8.15E+06	0.124	1929.410	2201	0	12700	0.0015	-0.0002	0.0011	9.35E+06	0.182	2205.480	4202	0	16038	0.0018	-0.0002	0.0013	1.06E+07	0.195	2080.260	6199	0	12990	0.0014	-0.0002	0.0010	9.74E+06	0.168
2218.710	1200	0	9869	0.0014	-0.0001	0.0011	8.09E+06	0.123	1930.410	2201	0	12663	0.0015	-0.0002	0.0011	9.54E+06	0.182	2206.480	4200	0	16074	0.0018	-0.0002	0.0013	1.07E+07	0.196	2081.260	6199	0	12990	0.0014	-0.0002	0.0010	9.82E+06	0.169
2219.710	1200	0	9906	0.0014	-0.0001	0.0011	8.12E+06	0.123	1931.410	2200	0	12554	0.0015	-0.0002	0.0011	9.65E+06	0.181	2207.480	4201	0	16146	0.0018	-0.0002	0.0013	1.08E+07	0.197	2082.260	6199	0	13099	0.0014	-0.0002	0.0010	9.83E+06	0.167
2220.710	1200	0	9978	0.0014	-0.0001	0.0011	8.20E+06	0.124	1932.410	2200	0	12446	0.0015	-0.0002	0.0011	9.62E+06	0.179	2208.480	4199	0	16364	0.0018	-0.0003	0.0013	1.08E+07	0.196	2083.260	6200	0	13135	0.0014	-0.0002	0.0011	9.89E+06	0.168
2221.710	1202	0	9942	0.0014	-0.0001	0.0011	8.35E+06	0.126	1933.410	2200	0	12409	0.0015	-0.0002	0.0011	9.62E+06	0.179	2209.480	4199	0	16582	0.0019	-0.0003	0.0013	1.07E+07	0.194	2084.260	6200	0	13171	0.0014	-0.0002	0.0010	9.88E+06	0.167
2222.710	1200	0	9978	0.0014	-0.0001	0.0012	8.39E+06	0.126	1934.410	2201	0	12518	0.0015	-0.0002	0.0011	9.56E+06	0.179	2210.480	4201	0	16800	0.0019	-0.0003	0.0014	1.07E+07	0.194	2085.260	6199	0	13171	0.0014	-0.0002	0.0011	9.74E+06	0.166
2223.710	1202	0	9942	0.0014	-0.0001	0.0011	8.46E+06	0.127	1935.410	2200	0	12881	0.0015	-0.0002	0.0011	9.46E+06	0.178	2211.480	4201	0	16800	0.0019	-0.0003	0.0014	1.08E+07	0.195	2086.260	6199	0	13207	0.0014	-0.0002	0.0011	9.82E+06	0.167
2224.710	1200	0	10051	0.0014	-0.0001	0.0011	8.38E+06	0.125	1936.410	2201	0	12881	0.0015	-0.0002	0.0011	9.63E+06	0.179	2212.480	4201	0	16800	0.0019	-0.0003	0.0014	1.07E+07	0.195	2087.260	6200	0	13207	0.0014	-0.0002	0.0011	9.79E+06	0.167
2225.710	1199	0	10087	0.0014	-0.0001	0.0012	8.28E+06	0.125	1937.410	2200	0	12772	0.0016	-0.0002	0.0012	9.98E+06	0.182	2213.480	4200	0	16763	0.0019	-0.0003	0.0014	1.06E+07	0.193	2088.260	6201	0	13280	0.0015	-0.0002	0.0011	9.75E+06	0.166
2226.710	1201	0	10087	0.0014	-0.0001	0.0012	8.32E+06	0.126	1938.410	2200	0	12700	0.0015	-0.0002	0.0011	1.01E+07	0.183	2214.480	4200	0	16800	0.0019	-0.0003	0.0014	1.06E+07	0.193	2089.260	6199	0	13280	0.0015	-0.0002	0.0011	9.80E+06	0.169
2227.710	1200	0	10123	0.0014	-0.0001	0.0012	8.52E+06	0.128	1939.410	2200	0	12663	0.0015	-0.0002	0.0011	1.01E+07	0.183	2215.480	4198	0	16836	0.0019	-0.0003	0.0014	1.06E+07	0.193	2090.260	6198	0	13353	0.0015	-0.0002	0.0011	9.79E+06	0.170
2228.710	1201	0	10196	0.0014	-0.0001	0.0012	8.63E+06	0.129	1940.410	2200	0	12736	0.0015	-0.0002	0.0011	1.01E+07	0.185	2216.480	4200	0	16909	0.0019	-0.0003	0.0014	1.05E+07	0.191	2091.260	6199	0	13353	0.0015	-0.0002	0.0011	9.75E+06	0.171
2229.710	1200	0	10232	0.0014	-0.0001	0.0012	8.69E+06	0.129	1941.410	2201	0	13135	0.0015	-0.0002	0.0011	9.96E+06	0.186	2217.480	4201	0	16981	0.0019	-0.0003	0.0014	1.06E+07	0.192	2092.260	6201	0	13425	0.0015	-0.0002	0.0011	9.78E+06	0.170
2230.710	1201	0	10305	0.0014	-0.0001	0.0012	8.57E+06	0.128	1942.410	2201	0	13135	0.0016	-0.0002	0.0011	1.02E+07	0.190	2218.480	4199	0	16981	0.0019	-0.0003	0.0014	1.06E+07	0.192	2093.260	6199	0	13461	0.0015	-0.0002	0.0011	9.80E+06	0.173
2231.710	1202	0	10341	0.0014	-0.0001	0.0012	8.62E+06	0.128	1943.410	2199	0	12954	0.0016	-0.0002	0.0012	1.04E+07	0.191	2219.480	4200	0	17054	0.0019	-0.0003	0.0014	1.05E+07	0.190	2094.260	6201	0	13534	0.0015	-0.0002	0.0011	9.92E+06	0.178
2232.710	1199	0	10414	0.0015	-0.0001	0.0012	8.56E+06	0.128	1944.410	2201	0	12881	0.0016	-0.0002	0.0012	1.04E+07	0.190	2220.480	4198	0	16981	0.0019	-0.0003	0.0014	1.05E+07	0.191	2095.250	6201	0	13534	0.0015	-0.0002	0.0011	1.01E+07	0.180
2233.710	1201	0	10377	0.0014	-0.0001	0.0012	8.51E+06	0.128	1945.410	2200	0	12845	0.0016	-0.0002	0.0011	1.05E+07	0.190	2221.480	4202	0	17090	0.0019	-0.0003	0.0014	1.05E+07	0.191	2096.250	6201	0	13607	0.0015	-0.0002	0.0011	1.02E+07	0.182
2234.710	1200	0	10414	0.0015	-0.0001	0.0012	8.55E+06	0.129	1946.410	2201	0	12808	0.0016	-0.0002	0.0011	1.05E+07	0.190	2222.480	4200	0	17054	0.0019	-0.0003	0.0014	1.06E+07	0.192	2097.250	6199	0	13679	0.0015	-0.0002	0.0011	1.03E+07	0.185
2235.710	1199	0	10414	0.0014	-0.0001	0.0012	8.58E+06	0.131	1947.410	2201	0	13026	0.0015	-0.0002	0.0011	1.04E+07	0.193	2223.480	4201	0	17126	0.0019	-0.0003	0.0014	1.05E+07	0.192	2098.250	6199	0	13679	0.0015	-0.0002	0.0011	1.03E+07	0.187
2236.710	1200	0	10450	0.0015	-0.0001	0.0012	8.55E+06	0.131	1948.410	2199	0	13280	0.0016	-0.0002	0.0011	1.07E+07	0.195	2224.480	4200	0	17199	0.0019	-0.0003	0.0014	1.06E+07	0.192	2099.250	6200	0	13752	0.0015	-0.0002	0.0011	1.04E+07	0.190
2237.700	1200	0	10486	0.0015	-0.0001	0.0012	8.60E+06	0.131	1949.410	2200	0	13280	0.0016	-0.0002	0.0011	1.09E+07	0.198	2225.480	4199	0	17235	0.0019	-0.0003	0.0014	1.05E+07	0.191	2100.250	6199	0	13715	0.0015	-0.0002	0.0011	1.04E+07	0.190
2238.700	1201	0	10522	0.0015	-0.0001	0.0012	8.59E+06	0.131	1950.410	2200	0	13498	0.0016	-0.0002	0.0012	1.11E+07	0.198	2226.480	4201	0	17235	0.0019	-0.0003	0.0014	1.05E+07	0.191	2101.250	6199	0	13752	0.0015	-0.0002	0.0011	1.04E+07	0.191
2239.700	1200	0	10559	0.0015	-0.0001	0.0012	8.54E+06	0.133	1951.400	2200	0	13498	0.0016	-0.0002	0.0012	1.13E+07	0.201	2227.470	4199	0	17308	0.0019	-0.0003	0.0014	1.04E+07	0.191	2102.250	6200	0	13824	0.0015	-0.0002	0.0011	1.05E+07	0.192
2240.700	1200	0	10631	0.0015	-0.0001	0.0012	8.58E+06	0.133	1952.400	2201	0	13534	0.0016	-0.0002	0.0011	1.13E+07	0.203	2228.470	4201	0	17344	0.0019	-0.0003	0.0014	1.04E+07	0.191	2103.250	6200	0	13824	0.0015	-0.0002	0.0011	1.05E+07	0.193
2241.700	1200	0	10631	0.0015	-0.0001	0.0012	8.63E+06	0.133	1953.400	2201	0	13607	0.0016	-0.0002	0.0012	1.12E+07	0.205	2229.470	4201	0	17380	0.0019	-0.0003	0.0014	1.03E+07	0.189	2104.250	6201	0	13897	0.0015	-0.0002	0.0011	1.05E+07	0.197
2242.700	1199	0	10668	0.0015	-0.0001	0.0012	8.52E+06	0.132	1954.400	2200	0	13643	0.0016	-0.0002	0.0012	1.12E+07	0.209	2230.470	4201	0	17416	0.0020	-0.0003	0.0014	1.02E+07	0.188	2105.250	6200	0	13897	0.0015	-0.0002	0.0011	1.06E+07	0.198
2243.700	1200	0	10668	0.0015	-0.0001	0.0012	8.51E+06	0.134	1955.400	2201	0	13715	0.0016	-0.0002	0.0012	1.18E+07	0.213	2231.470	4199	0	17525	0.0019	-0.0003	0.0014	1.02E+07	0.189	2106.250	6199	0	13969	0.0015	-0.0002	0.0011	1.07E+07	0.200
2244.700	1201	0	10776	0.0015	-0.0001	0.0012	8.64E+06	0.136	1956.400	2201	0	13715	0.0016	-0.0002	0.0012	1.18E+07	0.214	2232.470	4199	0	17525	0.0019	-0.0003	0.0014	1.03E+07	0.191	2107.250	6200	0	14078	0.0015	-0.0002	0.0011	1.07E+07	0.199
2245.700	1199	0	10776	0.0015	-0.0001	0.0012	8.69E+06	0.137	1957.400	2201	0	13752	0.0016	-0.0002	0.0012	1.19E+07	0.216	2233.470	4202	0	17562	0.0020	-0.0003	0.0014	1.03E+07	0.190	2108.250	6199	0	14115	0.0015	-0.0002	0.0011	1.08E+07	0.201
2246.700	1200	0	10776	0.0015	-0.0001	0.0012	8.83E+06	0.139	1958.400	2201	0	13715	0.0016	-0.0002	0.0012	1.19E+07	0.218	2234.470	4201	0	17598	0.0020	-0.0003	0.0014	1.04E+07	0.192	2109.250	6200	0	14078	0.0015	-0.0002	0.0011	1.08E+07	0.201
2247.700	1199	0	10849	0.0015	-0.0001	0.0012	8.88E+06	0.139	1959.400	2201	0	13824	0.0016	-0.0002	0.0012	1.16E+07	0.216	2235.470	4200	0	17598	0.0020	-0.0003	0.0014	1.04E+07	0.191	2110.250	6201	0	14115	0.0015	-0.0002	0.0011	1.10E+07	0.205
2248.700	1200	0	10921	0.0015	-0.0001	0.0012	8.78E+06	0.139	1960.400	2200	0	13897	0.0016	-0.0002	0.0012	1.19E+07	0.219	2236.470	4																

2292.690	1202	0	12482	0.0017	-0.0002	0.0013	8.31E+06	0.155	2004.390	2199	0	15639	0.0018	-0.0003	0.0013	9.52E+06	0.219	2280.460	4199	0	19303	0.0021	-0.0003	0.0015	1.13E+07	0.207	2155.240	6201	0	16146	0.0017	-0.0002	0.0012	9.97E+06	0.186
2293.690	1199	0	12446	0.0017	-0.0002	0.0014	8.30E+06	0.155	2005.390	2201	0	15639	0.0018	-0.0003	0.0013	9.53E+06	0.221	2281.460	4198	0	19412	0.0021	-0.0003	0.0015	1.13E+07	0.204	2156.240	6199	0	16183	0.0017	-0.0002	0.0012	9.91E+06	0.184
2294.690	1198	0	12482	0.0017	-0.0002	0.0013	8.28E+06	0.157	2006.390	2200	0	15711	0.0017	-0.0003	0.0012	9.61E+06	0.222	2282.460	4201	0	19448	0.0021	-0.0003	0.0015	1.15E+07	0.206	2157.230	6199	0	16183	0.0017	-0.0002	0.0012	9.99E+06	0.186
2295.690	1201	0	12518	0.0017	-0.0002	0.0013	8.36E+06	0.159	2007.390	2200	0	15747	0.0018	-0.0003	0.0013	9.60E+06	0.222	2283.460	4201	0	19485	0.0021	-0.0003	0.0015	1.15E+07	0.208	2158.230	6199	0	16255	0.0017	-0.0002	0.0012	1.00E+07	0.185
2296.690	1201	0	12591	0.0017	-0.0002	0.0014	8.32E+06	0.160	2008.390	2200	0	15820	0.0018	-0.0003	0.0013	9.66E+06	0.223	2284.460	4198	0	19521	0.0021	-0.0003	0.0015	1.15E+07	0.209	2159.230	6199	0	16292	0.0017	-0.0003	0.0012	1.01E+07	0.185
2297.690	1201	0	12554	0.0017	-0.0002	0.0014	8.33E+06	0.160	2009.390	2201	0	15856	0.0018	-0.0003	0.0013	9.67E+06	0.226	2285.460	4200	0	19557	0.0021	-0.0003	0.0015	1.18E+07	0.212	2160.230	6200	0	16328	0.0017	-0.0002	0.0012	1.00E+07	0.185
2298.690	1199	0	12699	0.0017	-0.0002	0.0014	8.36E+06	0.161	2010.390	2200	0	15856	0.0018	-0.0003	0.0013	9.54E+06	0.225	2286.460	4199	0	19630	0.0022	-0.0003	0.0015	1.18E+07	0.212	2161.230	6201	0	16364	0.0017	-0.0003	0.0012	1.01E+07	0.187
2299.680	1201	0	12736	0.0017	-0.0002	0.0014	8.48E+06	0.162	2011.390	2200	0	15892	0.0018	-0.0003	0.0013	9.63E+06	0.225	2287.460	4201	0	19702	0.0021	-0.0003	0.0015	1.19E+07	0.214	2162.230	6199	0	16401	0.0017	-0.0002	0.0012	1.01E+07	0.187
2300.680	1201	0	12736	0.0017	-0.0002	0.0014	8.56E+06	0.165	2012.390	2201	0	15892	0.0018	-0.0003	0.0013	9.70E+06	0.224	2288.460	4198	0	19739	0.0022	-0.0003	0.0015	1.18E+07	0.212	2163.230	6199	0	16473	0.0018	-0.0003	0.0012	1.01E+07	0.187
2301.680	1198	0	12736	0.0017	-0.0002	0.0014	8.71E+06	0.167	2013.390	2200	0	16001	0.0018	-0.0003	0.0013	9.59E+06	0.225	2289.460	4198	0	19739	0.0021	-0.0003	0.0015	1.19E+07	0.215	2164.230	6199	0	16437	0.0017	-0.0003	0.0012	1.00E+07	0.184
2302.680	1200	0	12772	0.0017	-0.0002	0.0014	8.67E+06	0.167	2014.380	2200	0	16074	0.0018	-0.0003	0.0013	9.68E+06	0.227	2290.450	4199	0	19775	0.0022	-0.0003	0.0015	1.18E+07	0.214	2165.230	6199	0	16509	0.0017	-0.0003	0.0012	1.01E+07	0.185
2303.680	1200	0	12808	0.0017	-0.0002	0.0014	8.80E+06	0.169	2015.380	2199	0	16001	0.0018	-0.0003	0.0013	9.79E+06	0.229	2291.450	4201	0	19811	0.0021	-0.0003	0.0015	1.19E+07	0.214	2166.230	6201	0	16509	0.0018	-0.0003	0.0012	1.03E+07	0.189
2304.680	1199	0	12881	0.0017	-0.0002	0.0014	8.69E+06	0.166	2016.380	2199	0	16147	0.0018	-0.0003	0.0013	9.58E+06	0.227	2292.450	4200	0	19847	0.0022	-0.0003	0.0015	1.17E+07	0.213	2167.230	6200	0	16546	0.0018	-0.0003	0.0013	1.04E+07	0.189
2305.680	1198	0	12881	0.0017	-0.0002	0.0014	8.70E+06	0.167	2017.380	2201	0	16074	0.0018	-0.0003	0.0013	9.56E+06	0.227	2293.450	4201	0	19847	0.0022	-0.0003	0.0015	1.17E+07	0.215	2168.230	6202	0	16654	0.0018	-0.0003	0.0013	1.04E+07	0.191
2306.680	1201	0	12881	0.0017	-0.0002	0.0014	8.73E+06	0.168	2018.380	2201	0	16219	0.0018	-0.0003	0.0013	9.57E+06	0.226	2294.450	4200	0	19920	0.0022	-0.0003	0.0016	1.15E+07	0.213	2169.230	6202	0	16618	0.0018	-0.0003	0.0012	9.77E+06	0.189
2307.680	1199	0	12917	0.0017	-0.0002	0.0014	8.75E+06	0.167	2019.380	2201	0	16219	0.0018	-0.0003	0.0013	9.53E+06	0.226	2295.450	4200	0	19956	0.0022	-0.0003	0.0015	1.15E+07	0.213	2170.230	6199	0	16654	0.0018	-0.0003	0.0012	8.52E+06	0.183
2308.680	1201	0	12954	0.0017	-0.0002	0.0014	8.81E+06	0.169	2020.380	2199	0	16255	0.0018	-0.0003	0.0013	9.54E+06	0.229	2296.450	4200	0	20029	0.0022	-0.0003	0.0015	1.15E+07	0.214	2171.230	6199	0	16727	0.0018	-0.0003	0.0013	7.63E+06	0.183
2309.680	1200	0	12990	0.0017	-0.0002	0.0014	8.86E+06	0.170	2021.380	2200	0	16219	0.0018	-0.0003	0.0013	9.63E+06	0.229	2297.450	4203	0	20101	0.0022	-0.0003	0.0016	1.14E+07	0.213	2172.230	6200	0	16800	0.0018	-0.0003	0.0012	6.90E+06	0.182
2310.680	1200	0	13062	0.0018	-0.0002	0.0014	8.82E+06	0.168	2022.380	2200	0	16255	0.0019	-0.0003	0.0013	9.52E+06	0.227	2298.450	4202	0	20138	0.0022	-0.0003	0.0015	1.13E+07	0.213	2173.230	6199	0	16836	0.0018	-0.0003	0.0013	6.33E+06	0.180
2311.680	1198	0	13062	0.0018	-0.0002	0.0014	8.87E+06	0.168	2023.380	2201	0	16328	0.0018	-0.0003	0.0013	9.57E+06	0.228	2299.450	4201	0	20174	0.0022	-0.0003	0.0015	1.13E+07	0.213	2174.230	6198	0	16945	0.0018	-0.0003	0.0013	6.00E+06	0.180
2312.680	1199	0	13135	0.0018	-0.0002	0.0014	8.80E+06	0.168	2024.380	2201	0	16401	0.0018	-0.0003	0.0013	9.63E+06	0.228	2300.450	4199	0	20174	0.0022	-0.0003	0.0015	1.13E+07	0.214	2175.230	6199	0	16945	0.0018	-0.0003	0.0013	5.79E+06	0.182
2313.680	1199	0	13135	0.0018	-0.0002	0.0014	8.75E+06	0.167	2025.380	2201	0	16437	0.0018	-0.0003	0.0013	9.54E+06	0.227	2301.450	4198	0	20174	0.0022	-0.0003	0.0016	1.12E+07	0.212	2176.230	6199	0	16945	0.0018	-0.0003	0.0013	5.67E+06	0.182
2314.680	1200	0	13207	0.0018	-0.0002	0.0014	8.74E+06	0.166	2026.380	2201	0	16473	0.0019	-0.0003	0.0013	9.64E+06	0.228	2302.450	4199	0	20247	0.0022	-0.0003	0.0016	1.13E+07	0.212	2177.230	6200	0	16945	0.0018	-0.0003	0.0013	5.63E+06	0.182
2315.680	1202	0	13171	0.0018	-0.0002	0.0014	8.76E+06	0.166	2027.380	2199	0	16473	0.0019	-0.0003	0.0013	9.74E+06	0.230	2303.450	4200	0	20319	0.0022	-0.0003	0.0015	1.14E+07	0.216	2178.230	6201	0	17090	0.0018	-0.0003	0.0013	5.67E+06	0.184
2316.680	1199	0	13280	0.0018	-0.0002	0.0014	8.83E+06	0.168	2028.380	2199	0	16582	0.0019	-0.0003	0.0013	9.68E+06	0.230	2304.450	4199	0	20428	0.0022	-0.0003	0.0015	1.14E+07	0.216	2179.230	6201	0	17090	0.0018	-0.0003	0.0013	5.80E+06	0.185
2317.680	1200	0	13244	0.0018	-0.0002	0.0014	8.81E+06	0.170	2029.380	2200	0	16582	0.0019	-0.0003	0.0013	9.81E+06	0.233	2305.450	4198	0	20428	0.0022	-0.0003	0.0016	1.13E+07	0.215	2180.230	6199	0	17090	0.0018	-0.0003	0.0013	5.97E+06	0.186
2318.680	1201	0	13280	0.0018	-0.0002	0.0014	8.84E+06	0.170	2030.380	2199	0	16618	0.0019	-0.0003	0.0013	9.83E+06	0.234	2306.450	4201	0	20464	0.0022	-0.0003	0.0016	1.09E+07	0.212	2181.230	6199	0	17090	0.0018	-0.0003	0.0013	6.15E+06	0.187
2319.680	1200	0	13280	0.0018	-0.0002	0.0014	8.87E+06	0.170	2031.380	2200	0	16654	0.0019	-0.0003	0.0013	9.74E+06	0.234	2307.450	4200	0	20537	0.0022	-0.0003	0.0016	1.08E+07	0.211	2182.230	6199	0	17162	0.0018	-0.0003	0.0013	6.35E+06	0.188
2320.680	1200	0	13389	0.0018	-0.0002	0.0014	8.68E+06	0.173	2032.380	2201	0	16763	0.0019	-0.0003	0.0013	9.84E+06	0.236	2308.450	4199	0	20501	0.0022	-0.0003	0.0016	1.08E+07	0.212	2183.230	6200	0	17271	0.0018	-0.0003	0.0013	6.53E+06	0.189
2321.680	1200	0	13389	0.0018	-0.0002	0.0014	8.75E+06	0.176	2033.380	2200	0	16763	0.0019	-0.0003	0.0013	9.84E+06	0.235	2309.450	4200	0	20537	0.0022	-0.0003	0.0016	1.07E+07	0.210	2184.230	6199	0	17271	0.0018	-0.0003	0.0013	6.71E+06	0.188
2322.680	1199	0	13498	0.0018	-0.0002	0.0014	8.74E+06	0.175	2034.380	2201	0	16763	0.0019	-0.0003	0.0013	9.83E+06	0.237	2310.450	4202	0	20573	0.0022	-0.0003	0.0016	1.08E+07	0.212	2185.230	6200	0	17308	0.0018	-0.0003	0.0013	6.90E+06	0.191
2323.680	1201	0	13534	0.0018	-0.0002	0.0014	8.68E+06	0.175	2035.380	2200	0	16836	0.0019	-0.0003	0.0013	9.87E+06	0.237	2311.450	4200	0	20573	0.0022	-0.0003	0.0016	1.08E+07	0.214	2186.230	6200	0	17380	0.0018	-0.0003	0.0013	7.06E+06	0.191
2324.680	1200	0	13607	0.0018	-0.0002	0.0014	8.70E+06	0.176	2036.380	2203	0	16836	0.0019	-0.0003	0.0013	9.86E+06	0.237	2312.4																	



2368.660	1202	0	15058	0.0020	-0.0002	0.0015	8.63E+06	0.215	2080.360	2199	0	18505	0.0021	-0.0003	0.0014	9.89E+06	0.272	2356.430	4200	0	22424	0.0024	-0.0004	0.0016	1.11E+07	0.223	2231.210	6199	0	19593	0.0020	-0.0003	0.0014	1.07E+07	0.214
2369.660	1199	0	15094	0.0020	-0.0002	0.0015	8.69E+06	0.215	2081.360	2201	0	18541	0.0021	-0.0003	0.0014	9.98E+06	0.273	2357.430	4200	0	22496	0.0024	-0.0004	0.0016	1.10E+07	0.222	2232.210	6200	0	19593	0.0020	-0.0003	0.0014	1.09E+07	0.218
2370.660	1200	0	15167	0.0020	-0.0002	0.0016	8.68E+06	0.215	2082.360	2201	0	18650	0.0021	-0.0003	0.0014	9.87E+06	0.271	2358.430	4200	0	22496	0.0024	-0.0004	0.0017	1.10E+07	0.220	2233.210	6199	0	19593	0.0020	-0.0003	0.0014	1.09E+07	0.217
2371.660	1201	0	15203	0.0020	-0.0002	0.0016	8.62E+06	0.215	2083.360	2200	0	18650	0.0021	-0.0003	0.0014	9.78E+06	0.270	2359.430	4200	0	22569	0.0024	-0.0004	0.0017	1.10E+07	0.222	2234.210	6199	0	19630	0.0020	-0.0003	0.0014	1.11E+07	0.217
2372.660	1201	0	15276	0.0020	-0.0002	0.0015	8.71E+06	0.218	2084.360	2200	0	18686	0.0021	-0.0003	0.0014	9.75E+06	0.270	2360.430	4201	0	22714	0.0024	-0.0004	0.0017	1.06E+07	0.215	2235.210	6199	0	19666	0.0020	-0.0003	0.0014	1.07E+07	0.211
2373.660	1200	0	15276	0.0020	-0.0002	0.0015	8.71E+06	0.218	2085.360	2200	0	18723	0.0021	-0.0003	0.0014	9.69E+06	0.269	2361.430	4201	0	22714	0.0024	-0.0004	0.0017	1.07E+07	0.218	2236.210	6200	0	19702	0.0021	-0.0003	0.0014	1.08E+07	0.212
2374.660	1201	0	15276	0.0020	-0.0002	0.0016	8.72E+06	0.219	2086.360	2201	0	18795	0.0021	-0.0003	0.0014	9.82E+06	0.271	2362.430	4199	0	22678	0.0024	-0.0004	0.0017	1.08E+07	0.220	2237.210	6199	0	19811	0.0020	-0.0003	0.0014	1.07E+07	0.212
2375.660	1199	0	15312	0.0020	-0.0002	0.0016	8.74E+06	0.220	2087.360	2199	0	18795	0.0021	-0.0003	0.0014	9.85E+06	0.271	2363.430	4201	0	22750	0.0024	-0.0004	0.0017	1.07E+07	0.219	2238.210	6202	0	19775	0.0020	-0.0003	0.0014	1.08E+07	0.214
2376.660	1199	0	15457	0.0020	-0.0002	0.0015	8.87E+06	0.224	2088.360	2200	0	18868	0.0021	-0.0003	0.0014	9.74E+06	0.269	2364.430	4201	0	22786	0.0024	-0.0004	0.0017	1.06E+07	0.220	2239.210	6200	0	19847	0.0021	-0.0003	0.0014	1.08E+07	0.215
2377.660	1201	0	15421	0.0020	-0.0002	0.0016	8.94E+06	0.225	2089.360	2201	0	18904	0.0021	-0.0003	0.0014	9.77E+06	0.268	2365.430	4200	0	22786	0.0024	-0.0004	0.0017	1.05E+07	0.218	2240.210	6200	0	19884	0.0020	-0.0003	0.0014	1.08E+07	0.216
2378.660	1200	0	15493	0.0020	-0.0002	0.0016	8.95E+06	0.226	2090.360	2201	0	18940	0.0021	-0.0003	0.0014	9.73E+06	0.268	2366.430	4201	0	22895	0.0024	-0.0004	0.0017	1.04E+07	0.218	2241.210	6199	0	19920	0.0021	-0.0003	0.0014	1.07E+07	0.217
2379.660	1200	0	15493	0.0020	-0.0002	0.0016	8.90E+06	0.225	2091.360	2200	0	19049	0.0021	-0.0003	0.0014	9.59E+06	0.265	2367.430	4200	0	22932	0.0024	-0.0004	0.0017	1.02E+07	0.217	2242.210	6200	0	19847	0.0021	-0.0003	0.0014	1.07E+07	0.218
2380.660	1200	0	15566	0.0020	-0.0002	0.0016	8.90E+06	0.228	2092.360	2201	0	19049	0.0021	-0.0003	0.0014	9.67E+06	0.269	2368.430	4198	0	22932	0.0024	-0.0004	0.0017	1.03E+07	0.219	2243.210	6199	0	19956	0.0021	-0.0003	0.0014	1.08E+07	0.221
2381.660	1202	0	15602	0.0020	-0.0002	0.0016	8.90E+06	0.231	2093.360	2201	0	19049	0.0021	-0.0003	0.0014	9.81E+06	0.272	2369.430	4199	0	22968	0.0024	-0.0004	0.0017	1.02E+07	0.218	2244.210	6200	0	19956	0.0021	-0.0003	0.0014	1.07E+07	0.219
2382.660	1201	0	15566	0.0021	-0.0002	0.0016	8.87E+06	0.230	2094.360	2200	0	19049	0.0021	-0.0003	0.0014	9.71E+06	0.271	2370.430	4198	0	23041	0.0024	-0.0004	0.0017	1.03E+07	0.220	2245.210	6200	0	20029	0.0021	-0.0003	0.0014	1.07E+07	0.220
2383.660	1199	0	15602	0.0020	-0.0002	0.0016	8.91E+06	0.231	2095.360	2201	0	19158	0.0021	-0.0003	0.0014	9.74E+06	0.274	2371.430	4198	0	23113	0.0024	-0.0004	0.0017	1.02E+07	0.219	2246.210	6200	0	20065	0.0021	-0.0003	0.0014	1.07E+07	0.220
2384.660	1200	0	15639	0.0020	-0.0002	0.0016	8.94E+06	0.232	2096.360	2201	0	19158	0.0021	-0.0003	0.0014	9.72E+06	0.275	2372.430	4202	0	23113	0.0024	-0.0004	0.0017	9.91E+06	0.218	2247.210	6199	0	20138	0.0021	-0.0003	0.0014	1.05E+07	0.218
2385.660	1200	0	15711	0.0021	-0.0002	0.0016	8.82E+06	0.231	2097.360	2200	0	19231	0.0021	-0.0003	0.0014	9.59E+06	0.273	2373.430	4199	0	23113	0.0025	-0.0004	0.0017	9.85E+06	0.218	2248.210	6199	0	20210	0.0021	-0.0003	0.0014	1.05E+07	0.219
2386.660	1201	0	15747	0.0021	-0.0002	0.0016	8.73E+06	0.230	2098.360	2201	0	19267	0.0021	-0.0003	0.0014	9.61E+06	0.276	2374.430	4199	0	23186	0.0025	-0.0004	0.0017	9.76E+06	0.218	2249.210	6200	0	20210	0.0021	-0.0003	0.0014	1.06E+07	0.224
2387.660	1200	0	15784	0.0021	-0.0002	0.0016	8.68E+06	0.231	2099.360	2201	0	19303	0.0021	-0.0003	0.0014	9.72E+06	0.277	2375.430	4199	0	23186	0.0025	-0.0004	0.0017	9.70E+06	0.218	2250.210	6199	0	20247	0.0021	-0.0003	0.0014	1.08E+07	0.226
2388.660	1200	0	15856	0.0021	-0.0002	0.0016	8.62E+06	0.232	2100.360	2199	0	19339	0.0021	-0.0003	0.0014	9.61E+06	0.276	2376.430	4201	0	23294	0.0024	-0.0004	0.0017	9.69E+06	0.217	2251.200	6201	0	20283	0.0021	-0.0003	0.0014	1.08E+07	0.225
2389.660	1200	0	15820	0.0021	-0.0002	0.0016	8.57E+06	0.233	2101.360	2201	0	19339	0.0022	-0.0003	0.0015	9.56E+06	0.276	2377.430	4199	0	23331	0.0025	-0.0004	0.0017	9.79E+06	0.219	2252.200	6201	0	20319	0.0021	-0.0003	0.0014	1.10E+07	0.228
2390.660	1199	0	15856	0.0021	-0.0002	0.0016	8.46E+06	0.233	2102.360	2201	0	19376	0.0021	-0.0003	0.0014	9.65E+06	0.279	2378.430	4200	0	23367	0.0025	-0.0004	0.0017	9.72E+06	0.218	2253.200	6199	0	20355	0.0021	-0.0003	0.0014	1.09E+07	0.228
2391.660	1200	0	15856	0.0021	-0.0002	0.0016	8.38E+06	0.234	2103.360	2199	0	19448	0.0021	-0.0004	0.0014	9.67E+06	0.281	2379.430	4201	0	23367	0.0025	-0.0004	0.0017	9.78E+06	0.218	2254.200	6200	0	20355	0.0021	-0.0003	0.0015	1.11E+07	0.230
2392.660	1201	0	15965	0.0021	-0.0002	0.0016	8.34E+06	0.235	2104.360	2201	0	19485	0.0021	-0.0004	0.0014	9.82E+06	0.287	2380.430	4202	0	23440	0.0025	-0.0004	0.0017	9.71E+06	0.218	2255.200	6201	0	20428	0.0021	-0.0003	0.0014	1.11E+07	0.225
2393.650	1202	0	15965	0.0021	-0.0002	0.0016	8.41E+06	0.239	2105.360	2201	0	19521	0.0022	-0.0004	0.0015	1.00E+07	0.296	2381.430	4200	0	23440	0.0025	-0.0004	0.0017	9.67E+06	0.218	2256.200	6200	0	20464	0.0021	-0.0003	0.0014	1.11E+07	0.225
2394.650	1200	0	16038	0.0021	-0.0002	0.0016	8.31E+06	0.241	2106.360	2200	0	19557	0.0022	-0.0004	0.0015	9.84E+06	0.297	2382.430	4199	0	23440	0.0025	-0.0004	0.0017	9.72E+06	0.219	2257.200	6200	0	20501	0.0021	-0.0003	0.0014	1.12E+07	0.224
2395.650	1201	0	16110	0.0021	-0.0002	0.0016	8.33E+06	0.243	2107.350	2199	0	19594	0.0022	-0.0004	0.0015	9.79E+06	0.299	2383.420	4201	0	23548	0.0025	-0.0004	0.0017	9.91E+06	0.223	2258.200	6199	0	20573	0.0021	-0.0003	0.0015	1.11E+07	0.222
2396.650	1199	0	16110	0.0021	-0.0003	0.0016	8.33E+06	0.243	2108.350	2201	0	19594	0.0022	-0.0004	0.0014	9.86E+06	0.301	2384.420	4200	0	23548	0.0025	-0.0004	0.0017	9.79E+06	0.223	2259.200	6199	0	20573	0.0021	-0.0003	0.0015	1.08E+07	0.217
2397.650	1199	0	16110	0.0021	-0.0003	0.0016	8.20E+06	0.242	2109.350	2201	0	19594	0.0021	-0.0004	0.0014	9.63E+06	0.299	2385.420	4201	0	23585	0.0025	-0.0004	0.0018	9.92E+06	0.226	2260.200	6199	0	20609	0.0021	-0.0003	0.0015	1.06E+07	0.216
2398.650	1198	0	16110	0.0021	-0.0003	0.0016	8.26E+06	0.244	2110.350	2201	0	19702	0.0022	-0.0004	0.0015	9.67E+06	0.303	2386.420	4200	0	23621	0.0025	-0.0004	0.0017	9.96E+06	0.227	2261.200	6201	0	20609	0.0021	-0.0003	0.0015	1.06E+07	0.217
2399.650	1200	0	16146	0.0021	-0.0003	0.0016	8.25E+06	0.245	2111.350	2202	0	19739	0.0022	-0.0004	0.0015	9.54E+06	0.303	2387.420	4202	0	23657	0.0025	-0.0004	0.0017	9.93E+06	0.228	2262.200	6200	0	20718	0.0021	-0.0003	0.0015	1.06E+07	0.218
2400.650	1199	0	16255	0.0021	-0.0003	0.0016	8.12E+06	0.244	2112.350	2200	0	19775	0.0022	-0.0004	0.0015	9.45E+06	0.303	2388.4																	

2444.640	1200	0	17598	0.0023	-0.0003	0.0017	7.50E+06	0.314	2156.340	2201	0	21444	0.0023	-0.0004	0.0015	8.84E+06	0.410	2432.410	4201	0	25580	0.0027	-0.0004	0.0018	1.07E+07	0.248	2307.190	6200	0	22605	0.0023	-0.0004	0.0016	1.08E+07	0.231
2445.640	1201	0	17670	0.0023	-0.0003	0.0017	7.49E+06	0.317	2157.340	2200	0	21553	0.0023	-0.0004	0.0015	8.68E+06	0.408	2433.410	4199	0	25653	0.0027	-0.0004	0.0018	1.07E+07	0.249	2308.190	6201	0	22569	0.0023	-0.0004	0.0016	1.08E+07	0.230
2446.640	1201	0	17743	0.0023	-0.0003	0.0017	7.42E+06	0.317	2158.340	2201	0	21553	0.0024	-0.0004	0.0015	8.71E+06	0.411	2434.410	4201	0	25689	0.0027	-0.0004	0.0018	1.09E+07	0.253	2309.190	6199	0	22605	0.0023	-0.0004	0.0015	1.09E+07	0.230
2447.640	1199	0	17816	0.0023	-0.0003	0.0017	7.53E+06	0.324	2159.340	2201	0	21662	0.0024	-0.0004	0.0015	8.87E+06	0.419	2435.410	4201	0	25653	0.0027	-0.0004	0.0018	1.08E+07	0.252	2310.190	6199	0	22641	0.0023	-0.0004	0.0015	1.08E+07	0.229
2448.640	1199	0	17816	0.0023	-0.0003	0.0017	7.48E+06	0.326	2160.340	2201	0	21698	0.0024	-0.0004	0.0015	8.72E+06	0.416	2436.410	4200	0	25762	0.0027	-0.0004	0.0018	1.09E+07	0.255	2311.190	6201	0	22678	0.0023	-0.0004	0.0015	1.07E+07	0.229
2449.640	1201	0	17852	0.0023	-0.0003	0.0017	7.56E+06	0.332	2161.340	2203	0	21589	0.0024	-0.0004	0.0015	8.65E+06	0.417	2437.410	4198	0	25762	0.0027	-0.0004	0.0018	1.09E+07	0.257	2312.190	6200	0	22750	0.0023	-0.0004	0.0015	1.08E+07	0.233
2450.640	1199	0	17816	0.0023	-0.0003	0.0017	6.86E+06	0.733	2162.340	2201	0	21771	0.0024	-0.0004	0.0015	8.45E+06	0.412	2438.410	4200	0	25907	0.0027	-0.0004	0.0018	1.08E+07	0.257	2313.180	6199	0	22750	0.0023	-0.0004	0.0016	1.06E+07	0.231
2451.640	1202	0	17888	0.0023	-0.0003	0.0017	6.35E+06	1.050	2163.340	2200	0	21771	0.0024	-0.0004	0.0015	8.34E+06	0.409	2439.410	4200	0	25980	0.0027	-0.0004	0.0018	1.07E+07	0.257	2314.180	6200	0	22895	0.0023	-0.0004	0.0016	1.05E+07	0.229
2452.640	1202	0	17888	0.0023	-0.0003	0.0017	5.76E+06	1.347	2164.340	2200	0	21771	0.0024	-0.0004	0.0015	8.46E+06	0.419	2440.410	4199	0	26016	0.0027	-0.0004	0.0018	1.07E+07	0.259	2315.180	6200	0	22859	0.0023	-0.0004	0.0016	1.08E+07	0.236
2453.640	1199	0	17961	0.0023	-0.0003	0.0017	5.67E+06	1.383	2165.340	2200	0	21807	0.0024	-0.0004	0.0015	8.53E+06	0.428	2441.410	4200	0	26088	0.0027	-0.0004	0.0018	1.06E+07	0.257	2316.180	6199	0	22932	0.0023	-0.0004	0.0016	1.08E+07	0.238
2454.640	1201	0	17997	0.0023	-0.0003	0.0017	5.58E+06	1.418	2166.340	2201	0	21843	0.0024	-0.0004	0.0015	8.35E+06	0.422	2442.410	4200	0	26197	0.0027	-0.0004	0.0018	1.06E+07	0.258	2317.180	6199	0	22932	0.0023	-0.0004	0.0016	1.09E+07	0.242
2455.640	1201	0	18033	0.0023	-0.0003	0.0017	5.47E+06	1.452	2167.340	2201	0	21843	0.0024	-0.0004	0.0015	8.18E+06	0.416	2443.410	4201	0	26233	0.0027	-0.0005	0.0018	1.06E+07	0.260	2318.180	6199	0	23004	0.0023	-0.0004	0.0016	1.10E+07	0.244
2456.630	1200	0	18033	0.0023	-0.0003	0.0017	5.42E+06	1.504	2168.340	2201	0	21879	0.0024	-0.0004	0.0015	7.94E+06	0.409	2444.410	4198	0	26342	0.0027	-0.0005	0.0018	1.04E+07	0.258	2319.180	6200	0	23113	0.0023	-0.0004	0.0016	1.09E+07	0.243
2457.630	1200	0	18033	0.0023	-0.0003	0.0017	5.33E+06	1.549	2169.340	2201	0	22025	0.0024	-0.0004	0.0015	7.82E+06	0.411	2445.410	4201	0	26415	0.0028	-0.0005	0.0019	1.03E+07	0.258	2320.180	6200	0	23040	0.0024	-0.0004	0.0016	1.09E+07	0.244
2458.630	1201	0	18033	0.0024	-0.0003	0.0017	5.23E+06	1.582	2170.330	2198	0	22025	0.0024	-0.0005	0.0015	7.81E+06	0.416	2446.400	4202	0	26488	0.0027	-0.0005	0.0018	1.02E+07	0.257	2321.180	6201	0	23149	0.0023	-0.0004	0.0016	1.11E+07	0.249
2459.630	1202	0	18178	0.0023	-0.0003	0.0017	5.17E+06	1.638	2171.330	2199	0	22025	0.0024	-0.0005	0.0015	7.74E+06	0.414	2447.400	4200	0	26560	0.0028	-0.0005	0.0018	1.01E+07	0.257	2322.180	6199	0	23149	0.0023	-0.0004	0.0016	1.12E+07	0.252
2460.630	1198	0	18178	0.0024	-0.0003	0.0017	5.09E+06	1.681	2172.060	2201	0	22025	0.0024	-0.0005	0.0015	7.54E+06	0.405	2448.400	4200	0	26596	0.0028	-0.0005	0.0018	1.01E+07	0.260	2323.180	6199	0	23186	0.0023	-0.0004	0.0016	1.12E+07	0.253
2461.630	1199	0	18178	0.0024	-0.0003	0.0017	5.00E+06	1.759	2173.060	2201	0	22097	0.0024	-0.0005	0.0015	7.46E+06	0.398	2449.400	4201	0	26669	0.0028	-0.0005	0.0018	1.01E+07	0.260	2324.180	6199	0	23294	0.0024	-0.0004	0.0016	1.13E+07	0.255
2462.630	1198	0	18287	0.0024	-0.0003	0.0017	4.92E+06	1.833									2450.400	4200	0	26705	0.0028	-0.0005	0.0019	1.00E+07	0.260	2325.180	6199	0	23294	0.0023	-0.0004	0.0016	1.11E+07	0.255	
2463.630	1203	0	18287	0.0024	-0.0003	0.0017	4.81E+06	1.890									2451.400	4200	0	26741	0.0028	-0.0005	0.0019	9.97E+06	0.260	2326.180	6201	0	23294	0.0024	-0.0004	0.0016	1.11E+07	0.257	
2464.630	1200	0	18287	0.0024	-0.0003	0.0017	4.75E+06	1.995									2452.400	4199	0	26814	0.0028	-0.0005	0.0019	1.00E+07	0.263	2327.180	6202	0	23367	0.0024	-0.0004	0.0016	1.14E+07	0.261	
2465.630	1200	0	18323	0.0024	-0.0003	0.0017	4.63E+06	2.072									2453.400	4199	0	26850	0.0028	-0.0005	0.0018	9.94E+06	0.261	2328.180	6200	0	23476	0.0024	-0.0004	0.0016	1.13E+07	0.259	
2466.630	1200	0	18396	0.0024	-0.0003	0.0017	4.48E+06	2.167									2454.400	4200	0	26923	0.0028	-0.0005	0.0019	1.00E+07	0.263	2329.180	6199	0	23440	0.0024	-0.0004	0.0016	1.14E+07	0.262	
2467.630	1200	0	18360	0.0024	-0.0003	0.0017	4.32E+06	2.223									2455.400	4198	0	26996	0.0028	-0.0005	0.0019	9.95E+06	0.262	2330.180	6199	0	23476	0.0024	-0.0004	0.0016	1.16E+07	0.265	
2468.630	1200	0	18396	0.0024	-0.0003	0.0017	4.19E+06	2.326									2456.400	4200	0	27032	0.0028	-0.0005	0.0019	9.86E+06	0.263	2331.180	6199	0	23512	0.0024	-0.0004	0.0016	1.13E+07	0.257	
2469.630	1200	0	18396	0.0024	-0.0003	0.0017	4.01E+06	2.412									2457.400	4200	0	27068	0.0028	-0.0005	0.0019	9.78E+06	0.263	2332.180	6199	0	23548	0.0024	-0.0004	0.0016	1.14E+07	0.258	
2470.630	1202	0	18469	0.0024	-0.0003	0.0017	3.80E+06	2.578									2458.400	4200	0	27104	0.0028	-0.0005	0.0019	9.81E+06	0.265	2333.180	6199	0	23657	0.0024	-0.0004	0.0016	1.14E+07	0.255	
2471.630	1200	0	18469	0.0024	-0.0003	0.0017	3.60E+06	2.669									2459.400	4200	0	27104	0.0028	-0.0005	0.0019	9.73E+06	0.263	2334.180	6201	0	23621	0.0024	-0.0004	0.0016	1.12E+07	0.252	
2472.630	1200	0	18578	0.0024	-0.0003	0.0017	3.42E+06	2.779									2460.400	4198	0	27141	0.0028	-0.0005	0.0019	9.81E+06	0.266	2335.180	6200	0	23694	0.0024	-0.0004	0.0016	1.13E+07	0.254	
2473.630	1201	0	18614	0.0024	-0.0004	0.0017	3.27E+06	2.880									2461.400	4201	0	27249	0.0028	-0.0005	0.0019	9.86E+06	0.268	2336.180	6200	0	23766	0.0024	-0.0004	0.0016	1.13E+07	0.255	
2474.630	1202	0	18650	0.0024	-0.0004	0.0017	3.13E+06	2.894									2462.400	4201	0	27322	0.0028	-0.0005	0.0019	9.88E+06	0.271	2337.180	6199	0	23766	0.0024	-0.0004	0.0016	1.13E+07	0.255	
2475.630	1201	0	18287	0.0025	-0.0009	0.0007	2.96E+06	2.998									2463.400	4201	0	27358	0.0029	-0.0005	0.0019	9.69E+06	0.268	2338.180	6198	0	23730	0.0024	-0.0004	0.0016	1.14E+07	0.257	
2476.150	1200	0	18287	0.0025	-0.0009	0.0007	2.70E+06	3.250									2464.400	4201	0	27358	0.0029	-0.0005	0.0019	9.74E+06	0.271	2339.180	6200	0	23839	0.0024	-0.0004	0.0016	1.13E+07	0.254	
2477.150	1201	0	18287	0.0025	-0.0009	0.0007	2.46E+06	3.412									2465.400	4199	0	27358	0.0028	-0.0005	0.0019	9.73E+06	0.272	2340.180	6199	0	23875	0.0024	-0.0004	0.0016	1.13E+07	0.254	
																	2466.400	4200	0	27358	0.0029	-0.0005	0.0019	9.67E+06	0.272	2341.180	6199	0	23984	0.0024	-0.0004	0.0016	1.14E+07	0.254	
																	2467.400	4200	0	27431	0.0029	-0.0005	0.0019	9.65E+06	0.272	2342									

2508.380	4199	0	28991	0.0030	-0.0005	0.0019	1.01E+07	0.298	2383.160	6199	0	25689	0.0025	-0.0004	0.0017	1.10E+07	0.251
2509.380	4201	0	29064	0.0030	-0.0005	0.0019	1.02E+07	0.301	2384.160	6201	0	25725	0.0026	-0.0004	0.0017	1.10E+07	0.251
2510.380	4201	0	29064	0.0030	-0.0005	0.0019	1.00E+07	0.297	2385.160	6202	0	25798	0.0025	-0.0004	0.0017	1.09E+07	0.250
2511.380	4201	0	29100	0.0030	-0.0005	0.0020	1.00E+07	0.298	2386.160	6200	0	25834	0.0026	-0.0004	0.0017	1.08E+07	0.247
2512.380	4201	0	29136	0.0030	-0.0005	0.0020	1.00E+07	0.298	2387.160	6200	0	25834	0.0026	-0.0004	0.0017	1.07E+07	0.244
2513.380	4201	0	29136	0.0030	-0.0005	0.0019	9.96E+06	0.299	2388.160	6200	0	25907	0.0026	-0.0004	0.0017	1.07E+07	0.243
2514.380	4198	0	29245	0.0030	-0.0005	0.0019	9.88E+06	0.296	2389.160	6199	0	25907	0.0026	-0.0004	0.0017	1.07E+07	0.245
2515.380	4200	0	29173	0.0030	-0.0005	0.0019	1.02E+07	0.306	2390.160	6200	0	25980	0.0026	-0.0005	0.0017	1.07E+07	0.246
2516.380	4200	0	29281	0.0030	-0.0005	0.0019	1.01E+07	0.307	2391.160	6199	0	26052	0.0026	-0.0004	0.0017	1.06E+07	0.246
2517.380	4199	0	29318	0.0031	-0.0005	0.0020	1.01E+07	0.307	2392.160	6200	0	26052	0.0026	-0.0005	0.0017	1.05E+07	0.244
2518.380	4200	0	29354	0.0030	-0.0005	0.0019	1.03E+07	0.310	2393.160	6200	0	26125	0.0026	-0.0005	0.0017	1.05E+07	0.246
2519.380	4200	0	29427	0.0030	-0.0005	0.0020	1.03E+07	0.311	2394.160	6200	0	26197	0.0026	-0.0005	0.0017	1.04E+07	0.246
2520.380	4201	0	29427	0.0030	-0.0005	0.0020	1.03E+07	0.311	2395.160	6199	0	26161	0.0026	-0.0005	0.0017	1.05E+07	0.248
2521.380	4202	0	29499	0.0030	-0.0005	0.0019	1.04E+07	0.315	2396.160	6200	0	26270	0.0026	-0.0005	0.0017	1.05E+07	0.248
2522.380	4198	0	29499	0.0030	-0.0005	0.0019	1.03E+07	0.314	2397.160	6199	0	26270	0.0026	-0.0005	0.0017	1.05E+07	0.250
2523.380	4201	0	29499	0.0031	-0.0005	0.0020	1.01E+07	0.312	2398.160	6199	0	26342	0.0026	-0.0005	0.0017	1.06E+07	0.252
2524.380	4200	0	29535	0.0031	-0.0005	0.0020	1.02E+07	0.312	2399.160	6200	0	26379	0.0026	-0.0005	0.0017	1.06E+07	0.254
2525.380	4199	0	29572	0.0030	-0.0005	0.0020	1.01E+07	0.313	2400.160	6199	0	26451	0.0026	-0.0005	0.0017	1.06E+07	0.253
2526.380	4201	0	29644	0.0030	-0.0005	0.0020	1.00E+07	0.311	2401.160	6200	0	26487	0.0026	-0.0005	0.0017	1.05E+07	0.255
2527.380	4198	0	29717	0.0031	-0.0005	0.0020	1.02E+07	0.315	2402.160	6200	0	26560	0.0026	-0.0005	0.0017	1.07E+07	0.259
2528.380	4198	0	29717	0.0031	-0.0005	0.0020	1.00E+07	0.312	2403.160	6199	0	26596	0.0026	-0.0005	0.0017	1.05E+07	0.254
2529.380	4200	0	29717	0.0031	-0.0005	0.0020	9.95E+06	0.313	2404.160	6201	0	26669	0.0027	-0.0005	0.0017	1.05E+07	0.252
2530.380	4200	0	29789	0.0031	-0.0005	0.0020	1.01E+07	0.317	2405.160	6199	0	26560	0.0027	-0.0005	0.0017	1.05E+07	0.252
2531.380	4201	0	29789	0.0031	-0.0005	0.0020	1.02E+07	0.318	2406.160	6199	0	26669	0.0026	-0.0005	0.0017	1.06E+07	0.252
2532.380	4201	0	29935	0.0031	-0.0005	0.0020	1.02E+07	0.320	2407.150	6202	0	26778	0.0026	-0.0005	0.0017	1.06E+07	0.252
2533.380	4201	0	29935	0.0031	-0.0006	0.0020	1.02E+07	0.320	2408.150	6199	0	26814	0.0027	-0.0005	0.0017	1.07E+07	0.252
2534.380	4201	0	29935	0.0031	-0.0006	0.0020	1.01E+07	0.318	2409.150	6199	0	26814	0.0027	-0.0005	0.0017	1.03E+07	0.251
2535.380	4201	0	30007	0.0031	-0.0006	0.0020	9.96E+06	0.317	2410.150	6199	0	26850	0.0027	-0.0005	0.0017	9.23E+06	0.248
2536.380	4202	0	30043	0.0031	-0.0006	0.0020	9.96E+06	0.318	2411.150	6199	0	26887	0.0027	-0.0005	0.0018	8.77E+06	0.248
2537.380	4199	0	30007	0.0031	-0.0006	0.0020	9.96E+06	0.320	2412.150	6200	0	26959	0.0027	-0.0005	0.0017	8.37E+06	0.248
2538.380	4202	0	30043	0.0031	-0.0006	0.0020	9.85E+06	0.317	2413.150	6201	0	27068	0.0027	-0.0005	0.0017	8.11E+06	0.247
2539.380	4199	0	30152	0.0031	-0.0006	0.0020	1.00E+07	0.324	2414.150	6200	0	26995	0.0027	-0.0005	0.0017	8.00E+06	0.249
2540.370	4201	0	30188	0.0031	-0.0006	0.0020	9.82E+06	0.319	2415.150	6199	0	27032	0.0027	-0.0005	0.0017	7.92E+06	0.250
2541.370	4200	0	30225	0.0031	-0.0006	0.0020	9.74E+06	0.322	2416.150	6199	0	27068	0.0027	-0.0005	0.0017	7.92E+06	0.252
2542.370	4200	0	30261	0.0031	-0.0006	0.0020	9.83E+06	0.325	2417.150	6199	0	27141	0.0027	-0.0005	0.0017	8.06E+06	0.254
2543.370	4200	0	30334	0.0031	-0.0006	0.0020	9.81E+06	0.325	2418.150	6200	0	27213	0.0027	-0.0005	0.0017	8.15E+06	0.255
2544.370	4199	0	30370	0.0031	-0.0006	0.0020	9.78E+06	0.326	2419.150	6199	0	27177	0.0027	-0.0005	0.0017	8.22E+06	0.256
2545.370	4199	0	30406	0.0031	-0.0006	0.0020	9.86E+06	0.330	2420.150	6200	0	27286	0.0027	-0.0005	0.0017	8.39E+06	0.257
2546.370	4201	0	30443	0.0031	-0.0006	0.0020	9.67E+06	0.326	2421.150	6199	0	27286	0.0027	-0.0005	0.0017	8.43E+06	0.254
2547.370	4199	0	30443	0.0031	-0.0006	0.0020	9.63E+06	0.328	2422.150	6200	0	27395	0.0027	-0.0005	0.0018	8.57E+06	0.256
2548.370	4200	0	30479	0.0031	-0.0006	0.0020	9.74E+06	0.331	2423.150	6200	0	27395	0.0027	-0.0005	0.0018	8.68E+06	0.255
2549.370	4199	0	30515	0.0031	-0.0006	0.0020	9.68E+06	0.332	2424.150	6199	0	27395	0.0027	-0.0005	0.0018	8.78E+06	0.256
2550.370	4200	0	30479	0.0031	-0.0006	0.0020	9.50E+06	0.327	2425.150	6199	0	27467	0.0027	-0.0005	0.0017	8.86E+06	0.255
2551.370	4200	0	30588	0.0031	-0.0006	0.0020	9.55E+06	0.330	2426.150	6199	0	27540	0.0027	-0.0005	0.0017	9.08E+06	0.256
2552.370	4201	0	30660	0.0031	-0.0006	0.0020	9.53E+06	0.331	2427.150	6199	0	27757	0.0027	-0.0005	0.0017	9.21E+06	0.258
2553.370	4201	0	30660	0.0032	-0.0006	0.0020	9.36E+06	0.328	2428.150	6201	0	28084	0.0028	-0.0005	0.0018	9.40E+06	0.259
2554.370	4200	0	30660	0.0032	-0.0006	0.0020	9.39E+06	0.330	2429.150	6199	0	28338	0.0028	-0.0005	0.0018	9.58E+06	0.261
2555.370	4201	0	30733	0.0031	-0.0006	0.0020	9.37E+06	0.331	2430.150	6200	0	28483	0.0028	-0.0005	0.0018	9.65E+06	0.259
2556.370	4201	0	30805	0.0031	-0.0006	0.0020	9.30E+06	0.330	2431.150	6199	0	28628	0.0028	-0.0005	0.0018	9.71E+06	0.258
2557.370	4201	0	30842	0.0031	-0.0006	0.0020	9.32E+06	0.330	2432.150	6200	0	28737	0.0028	-0.0005	0.0018	9.90E+06	0.261
2558.370	4199	0	30878	0.0032	-0.0006	0.0020	9.24E+06	0.325	2433.150	6199	0	28701	0.0028	-0.0005	0.0018	9.97E+06	0.260
2559.370	4200	0	30878	0.0032	-0.0006	0.0020	9.15E+06	0.325	2434.150	6200	0	28084	0.0029	-0.0005	0.0018	9.99E+06	0.258
2560.370	4198	0	30805	0.0032	-0.0006	0.0020	9.20E+06	0.328	2435.150	6199	0	27177	0.0029	-0.0005	0.0018	1.01E+07	0.259
2561.370	4202	0	30914	0.0032	-0.0006	0.0020	9.18E+06	0.328	2436.150	6200	0	27177	0.0028	-0.0005	0.0018	1.02E+07	0.260
2562.370	4200	0	30950	0.0032	-0.0006	0.0020	9.08E+06	0.326	2437.150	6199	0	27358	0.0028	-0.0005	0.0018	1.02E+07	0.259
2563.370	4202	0	31059	0.0032	-0.0006	0.0020	9.14E+06	0.328	2438.140	6200	0	27685	0.0028	-0.0005	0.0018	1.03E+07	0.257
2564.370	4199	0	31096	0.0032	-0.0006	0.0020	8.95E+06	0.325	2439.140	6199	0	27866	0.0028	-0.0005	0.0018	1.04E+07	0.257
2565.370	4199	0	31059	0.0032	-0.0006	0.0020	8.90E+06	0.323	2440.140	6199	0	28157	0.0028	-0.0005	0.0018	1.04E+07	0.256
2566.370	4200	0	31132	0.0032	-0.0006	0.0020	8.85E+06	0.323	2441.140	6199	0	28338	0.0028	-0.0005	0.0018	1.06E+07	0.259
2567.370	4201	0	31168	0.0032	-0.0006	0.0020	8.82E+06	0.323	2442.140	6200	0	28592	0.0028	-0.0005	0.0018	1.06E+07	0.259
2568.370	4198	0	31241	0.0032	-0.0006	0.0020	8.83E+06	0.324	2443.140	6201	0	28737	0.0028	-0.0005	0.0018	1.07E+07	0.259
2569.370	4200	0	31204	0.0032	-0.0006	0.0020	8.92E+06	0.324	2444.140	6200	0	28737	0.0028	-0.0005	0.0018	1.10E+07	0.260
2570.360	4200	0	31277	0.0032	-0.0006	0.0020	8.95E+06	0.324	2445.140	6200	0	28846	0.0028	-0.0005	0.0018	1.08E+07	0.256
2571.360	4202	0	31313	0.0032	-0.0006	0.0020	8.83E+06	0.319	2446.140	6198	0	28882	0.0029	-0.0005	0.0018	1.08E+07	0.253
2572.360	4198	0	31350	0.0032	-0.0006	0.002											

2584.360	4200	0	31749	0.0033	-0.0006	0.0020	9.18E+06	0.333	2459.140	6201	0	29463	0.0029	-0.0005	0.0018	1.35E+07	0.248
2585.360	4200	0	31821	0.0033	-0.0006	0.0020	9.20E+06	0.333	2460.140	6198	0	29463	0.0029	-0.0005	0.0018	1.34E+07	0.248
2586.360	4200	0	31858	0.0032	-0.0006	0.0020	9.15E+06	0.333	2461.140	6199	0	29499	0.0029	-0.0005	0.0018	1.30E+07	0.246
2587.360	4199	0	31894	0.0033	-0.0006	0.0020	9.12E+06	0.333	2462.140	6201	0	29499	0.0029	-0.0005	0.0018	1.23E+07	0.245
2588.360	4200	0	31966	0.0033	-0.0006	0.0020	9.13E+06	0.338	2463.140	6201	0	29499	0.0029	-0.0005	0.0018	1.12E+07	0.239
2589.360	4198	0	31966	0.0033	-0.0006	0.0021	9.08E+06	0.335	2464.140	6200	0	29572	0.0029	-0.0005	0.0018	1.06E+07	0.238
2590.360	4200	0	32003	0.0033	-0.0006	0.0020	9.10E+06	0.338	2465.140	6199	0	29535	0.0029	-0.0005	0.0019	1.02E+07	0.239
2591.360	4200	0	32075	0.0033	-0.0006	0.0021	9.06E+06	0.337	2466.140	6201	0	29572	0.0029	-0.0005	0.0018	1.00E+07	0.239
2592.360	4200	0	32075	0.0033	-0.0006	0.0020	9.09E+06	0.340	2467.140	6201	0	29608	0.0029	-0.0005	0.0018	9.79E+06	0.239
2593.360	4200	0	32148	0.0033	-0.0006	0.0020	9.24E+06	0.346	2468.140	6199	0	29608	0.0029	-0.0005	0.0018	9.97E+06	0.245
2594.360	4201	0	32184	0.0033	-0.0006	0.0020	9.29E+06	0.346	2469.140	6200	0	29680	0.0029	-0.0005	0.0018	1.01E+07	0.247
2595.360	4199	0	32220	0.0033	-0.0006	0.0021	9.31E+06	0.348	2470.130	6199	0	29644	0.0030	-0.0005	0.0019	1.00E+07	0.248
2596.360	4200	0	32220	0.0033	-0.0006	0.0021	9.37E+06	0.354	2471.130	6200	0	29680	0.0030	-0.0005	0.0019	1.03E+07	0.252
2597.360	4200	0	32220	0.0033	-0.0006	0.0020	9.33E+06	0.353	2472.130	6200	0	29680	0.0029	-0.0005	0.0018	1.03E+07	0.253
2598.360	4200	0	32293	0.0033	-0.0006	0.0020	9.34E+06	0.356	2473.130	6200	0	29789	0.0029	-0.0005	0.0018	1.04E+07	0.255
2599.360	4199	0	32329	0.0033	-0.0006	0.0020	9.47E+06	0.360	2474.130	6201	0	29862	0.0029	-0.0005	0.0018	1.07E+07	0.259
2600.360	4200	0	32402	0.0033	-0.0006	0.0020	9.52E+06	0.366	2475.130	6200	0	29862	0.0029	-0.0005	0.0018	1.06E+07	0.261
2601.350	4200	0	32438	0.0033	-0.0006	0.0021	9.41E+06	0.363	2476.130	6200	0	29826	0.0029	-0.0005	0.0019	1.06E+07	0.260
2602.350	4200	0	32366	0.0033	-0.0006	0.0021	9.36E+06	0.363	2477.130	6199	0	29898	0.0030	-0.0005	0.0019	1.08E+07	0.260
2603.350	4198	0	32402	0.0033	-0.0006	0.0021	9.42E+06	0.366	2478.130	6200	0	29934	0.0029	-0.0005	0.0018	1.10E+07	0.263
2604.350	4200	0	32511	0.0033	-0.0006	0.0020	9.36E+06	0.365	2479.130	6199	0	30007	0.0029	-0.0005	0.0018	1.11E+07	0.264
2605.350	4200	0	32620	0.0033	-0.0006	0.0020	9.58E+06	0.373	2480.130	6200	0	30043	0.0029	-0.0005	0.0018	1.12E+07	0.267
2606.350	4200	0	32656	0.0033	-0.0006	0.0020	9.72E+06	0.380	2481.130	6199	0	30080	0.0029	-0.0005	0.0018	1.11E+07	0.265
2607.350	4201	0	32656	0.0034	-0.0007	0.0021	9.71E+06	0.382	2482.130	6200	0	30043	0.0030	-0.0005	0.0019	1.10E+07	0.265
2608.350	4200	0	32692	0.0034	-0.0007	0.0020	9.79E+06	0.386	2483.130	6199	0	30116	0.0030	-0.0005	0.0019	1.11E+07	0.267
2609.350	4200	0	32728	0.0034	-0.0007	0.0021	9.81E+06	0.386	2484.130	6201	0	30152	0.0029	-0.0005	0.0019	1.12E+07	0.269
2610.350	4200	0	32801	0.0033	-0.0007	0.0020	9.85E+06	0.390	2485.130	6198	0	30188	0.0029	-0.0005	0.0018	1.13E+07	0.271
2611.350	4200	0	32837	0.0034	-0.0007	0.0020	9.97E+06	0.393	2486.130	6200	0	30225	0.0030	-0.0005	0.0019	1.13E+07	0.271
2612.350	4199	0	32801	0.0034	-0.0007	0.0021	1.01E+07	0.401	2487.130	6200	0	30334	0.0030	-0.0006	0.0019	1.13E+07	0.275
2613.350	4201	0	32874	0.0034	-0.0007	0.0021	9.94E+06	0.397	2488.130	6202	0	30442	0.0030	-0.0006	0.0019	1.12E+07	0.277
2614.350	4198	0	32910	0.0034	-0.0007	0.0021	1.01E+07	0.405	2489.130	6199	0	30515	0.0030	-0.0006	0.0019	1.12E+07	0.276
2615.350	4200	0	32946	0.0034	-0.0007	0.0021	1.01E+07	0.406	2490.130	6198	0	30551	0.0030	-0.0006	0.0019	1.12E+07	0.276
2616.350	4200	0	32946	0.0034	-0.0007	0.0020	1.01E+07	0.407	2491.130	6199	0	30660	0.0030	-0.0006	0.0019	1.11E+07	0.276
2617.350	4200	0	33019	0.0034	-0.0007	0.0020	1.01E+07	0.408	2492.130	6200	0	30660	0.0030	-0.0006	0.0019	1.12E+07	0.279
2618.350	4199	0	33091	0.0034	-0.0007	0.0020	1.02E+07	0.415	2493.130	6199	0	30733	0.0030	-0.0006	0.0019	1.13E+07	0.281
2619.350	4202	0	33127	0.0034	-0.0007	0.0021	1.03E+07	0.419	2494.130	6201	0	30805	0.0030	-0.0006	0.0019	1.12E+07	0.281
2620.350	4201	0	33127	0.0034	-0.0007	0.0021	1.01E+07	0.414	2495.130	6201	0	30878	0.0030	-0.0006	0.0019	1.13E+07	0.281
2621.350	4200	0	33200	0.0034	-0.0007	0.0021	1.01E+07	0.415	2496.130	6199	0	30914	0.0030	-0.0006	0.0019	1.12E+07	0.281
2622.350	4202	0	33200	0.0034	-0.0007	0.0021	1.01E+07	0.415	2497.130	6200	0	31023	0.0030	-0.0006	0.0019	1.11E+07	0.281
2623.350	4200	0	33236	0.0034	-0.0007	0.0020	1.01E+07	0.417	2498.130	6199	0	31023	0.0030	-0.0006	0.0019	1.12E+07	0.284
2624.350	4200	0	33345	0.0034	-0.0007	0.0020	1.00E+07	0.417	2499.130	6200	0	31096	0.0030	-0.0006	0.0019	1.12E+07	0.284
2625.350	4200	0	33345	0.0034	-0.0007	0.0021	1.01E+07	0.422	2500.130	6201	0	31132	0.0030	-0.0006	0.0019	1.15E+07	0.290
2626.350	4199	0	33382	0.0034	-0.0007	0.0021	9.98E+06	0.420	2501.120	6202	0	31241	0.0031	-0.0006	0.0019	1.16E+07	0.291
2627.350	4200	0	33418	0.0034	-0.0007	0.0021	1.00E+07	0.423	2502.120	6200	0	31277	0.0030	-0.0006	0.0019	1.15E+07	0.290
2628.350	4201	0	33490	0.0034	-0.0007	0.0021	9.88E+06	0.421	2503.120	6200	0	31350	0.0030	-0.0006	0.0019	1.15E+07	0.290
2629.350	4200	0	33490	0.0034	-0.0007	0.0021	9.84E+06	0.423	2504.120	6198	0	31386	0.0030	-0.0006	0.0019	1.16E+07	0.293
2630.350	4199	0	33635	0.0034	-0.0007	0.0020	9.71E+06	0.422	2505.120	6199	0	31313	0.0030	-0.0006	0.0019	1.15E+07	0.292
2631.350	4201	0	33635	0.0035	-0.0007	0.0021	9.62E+06	0.423	2506.120	6199	0	31422	0.0031	-0.0006	0.0019	1.15E+07	0.295
2632.350	4199	0	33599	0.0035	-0.0007	0.0021	9.62E+06	0.424	2507.120	6199	0	31458	0.0031	-0.0006	0.0019	1.14E+07	0.294
2633.340	4201	0	33635	0.0035	-0.0007	0.0021	9.61E+06	0.426	2508.120	6199	0	31531	0.0031	-0.0006	0.0019	1.14E+07	0.296
2634.340	4200	0	33744	0.0034	-0.0007	0.0021	9.66E+06	0.428	2509.120	6200	0	31640	0.0031	-0.0006	0.0019	1.13E+07	0.294
2635.340	4201	0	33781	0.0034	-0.0007	0.0021	9.66E+06	0.429	2510.120	6199	0	31604	0.0030	-0.0006	0.0019	1.14E+07	0.296
2636.340	4200	0	33853	0.0034	-0.0007	0.0021	9.50E+06	0.426	2511.120	6199	0	31712	0.0031	-0.0006	0.0019	1.13E+07	0.296
2637.340	4198	0	33817	0.0035	-0.0007	0.0021	9.43E+06	0.425	2512.120	6199	0	31640	0.0031	-0.0006	0.0019	1.12E+07	0.295
2638.340	4201	0	33817	0.0035	-0.0007	0.0021	9.31E+06	0.423	2513.120	6199	0	31749	0.0031	-0.0006	0.0019	1.12E+07	0.295
2639.340	4199	0	33890	0.0035	-0.0007	0.0021	8.99E+06	0.416	2514.120	6201	0	31785	0.0031	-0.0006	0.0019	1.11E+07	0.295
2640.340	4202	0	33962	0.0035	-0.0007	0.0021	8.97E+06	0.416	2515.120	6201	0	31894	0.0031	-0.0006	0.0019	1.11E+07	0.294
2641.340	4200	0	34035	0.0035	-0.0007	0.0021	8.91E+06	0.415	2516.120	6199	0	31894	0.0031	-0.0006	0.0019	1.12E+07	0.296
2642.340	4199	0	34035	0.0035	-0.0007	0.0021	8.88E+06	0.416	2517.120	6199	0	31966	0.0031	-0.0006	0.0019	1.14E+07	0.297
2643.340	4200	0	34035	0.0035	-0.0007	0.0021	8.92E+06	0.420	2518.120	6200	0	32003	0.0031	-0.0006	0.0019	1.13E+07	0.295
2644.340	4200	0	34143	0.0035	-0.0007	0.0021	8.95E+06	0.421	2519.120	6199	0	32039	0.0031	-0.0006	0.0019	1.14E+07	0.297
2645.340	4199	0	34107	0.0035	-0.0007	0.0021	8.93E+06	0.420	2520.120	6199	0	32039	0.0031	-0.0006	0.0019	1.14E+07	0.297
2646.340	4199	0	34143	0.0035	-0.0007	0.0021	8.93E+06	0.423	2521.120	6199	0	32075	0.0031	-0.0006	0.0019	1.13E+07	0.295
2647.340	4199	0	34216	0.0035	-0.0007	0.0021	8.90E+06	0.422	2522.120	6199	0	32148	0.0031	-0.0006	0.0019	1.16E+07	0.300
2648.340	4199	0	34252	0.0035	-0.0007	0.002											

2660.340	4199	0	34688	0.0035	-0.0007	0.0021	9.05E+06	0.439	2535.110	6199	0	32656	0.0031	-0.0006	0.0019	1.21E+07	0.308
2661.340	4201	0	34651	0.0036	-0.0007	0.0021	9.03E+06	0.438	2536.110	6200	0	32692	0.0032	-0.0006	0.0020	1.23E+07	0.315
2662.340	4200	0	34688	0.0036	-0.0007	0.0021	9.04E+06	0.438	2537.110	6199	0	32801	0.0032	-0.0006	0.0019	1.22E+07	0.308
2663.340	4199	0	34760	0.0036	-0.0007	0.0021	9.01E+06	0.439	2538.110	6200	0	32837	0.0032	-0.0006	0.0019	1.23E+07	0.313
2664.330	4199	0	34760	0.0036	-0.0007	0.0021	8.94E+06	0.437	2539.110	6199	0	32910	0.0031	-0.0006	0.0019	1.22E+07	0.312
2665.330	4200	0	34869	0.0036	-0.0007	0.0021	8.93E+06	0.440	2540.110	6199	0	32910	0.0032	-0.0006	0.0019	1.22E+07	0.312
2666.330	4200	0	34869	0.0036	-0.0007	0.0021	8.94E+06	0.442	2541.110	6200	0	32910	0.0032	-0.0006	0.0019	1.21E+07	0.310
2667.330	4200	0	34905	0.0036	-0.0007	0.0021	8.97E+06	0.443	2542.110	6199	0	32946	0.0032	-0.0006	0.0019	1.19E+07	0.308
2668.330	4201	0	34905	0.0036	-0.0007	0.0021	9.00E+06	0.446	2543.110	6199	0	33055	0.0032	-0.0006	0.0020	1.21E+07	0.310
2669.330	4201	0	35014	0.0036	-0.0008	0.0021	9.02E+06	0.447	2544.110	6200	0	33091	0.0032	-0.0006	0.0019	1.21E+07	0.309
2670.330	4203	0	35051	0.0036	-0.0008	0.0021	9.11E+06	0.450	2545.110	6199	0	33127	0.0032	-0.0006	0.0019	1.21E+07	0.308
2671.330	4200	0	35014	0.0036	-0.0008	0.0021	9.10E+06	0.449	2546.110	6198	0	33164	0.0032	-0.0006	0.0019	1.20E+07	0.306
2672.330	4199	0	35123	0.0036	-0.0008	0.0021	9.03E+06	0.446	2547.110	6199	0	33200	0.0032	-0.0006	0.0019	1.18E+07	0.302
2673.330	4199	0	35123	0.0036	-0.0008	0.0021	9.14E+06	0.451	2548.110	6200	0	33273	0.0032	-0.0006	0.0019	1.19E+07	0.304
2674.330	4201	0	35123	0.0036	-0.0008	0.0021	9.31E+06	0.457	2549.110	6199	0	33273	0.0032	-0.0006	0.0020	1.21E+07	0.308
2675.330	4201	0	35196	0.0036	-0.0008	0.0021	9.36E+06	0.462	2550.110	6200	0	33382	0.0032	-0.0006	0.0020	1.21E+07	0.307
2676.330	4199	0	35232	0.0036	-0.0008	0.0021	9.49E+06	0.466	2551.110	6199	0	33382	0.0032	-0.0006	0.0019	1.21E+07	0.307
2677.330	4201	0	35305	0.0036	-0.0008	0.0021	9.50E+06	0.468	2552.110	6199	0	33454	0.0032	-0.0006	0.0019	1.21E+07	0.304
2678.330	4199	0	35377	0.0036	-0.0008	0.0021	9.60E+06	0.476	2553.110	6199	0	33527	0.0032	-0.0006	0.0019	1.18E+07	0.299
2679.330	4197	0	35377	0.0036	-0.0008	0.0021	9.57E+06	0.477	2554.110	6201	0	33490	0.0032	-0.0006	0.0020	1.18E+07	0.297
2680.330	4200	0	35413	0.0036	-0.0008	0.0021	9.65E+06	0.481	2555.110	6200	0	33563	0.0032	-0.0006	0.0020	1.17E+07	0.294
2681.330	4199	0	35450	0.0036	-0.0008	0.0021	9.61E+06	0.483	2556.110	6199	0	33635	0.0032	-0.0006	0.0020	1.17E+07	0.294
2682.330	4198	0	35522	0.0036	-0.0008	0.0021	9.54E+06	0.483	2557.110	6202	0	33635	0.0032	-0.0006	0.0019	1.17E+07	0.294
2683.330	4200	0	35522	0.0036	-0.0008	0.0021	9.57E+06	0.487	2558.110	6199	0	33672	0.0032	-0.0006	0.0019	1.17E+07	0.294
2684.330	4200	0	35595	0.0036	-0.0008	0.0021	9.50E+06	0.488	2559.110	6199	0	33744	0.0032	-0.0006	0.0019	1.17E+07	0.294
2685.330	4201	0	35595	0.0037	-0.0008	0.0021	9.62E+06	0.493	2560.110	6199	0	33744	0.0032	-0.0006	0.0020	1.17E+07	0.295
2686.330	4199	0	35631	0.0037	-0.0008	0.0021	9.67E+06	0.498	2561.110	6198	0	33744	0.0032	-0.0006	0.0020	1.17E+07	0.297
2687.330	4200	0	35667	0.0037	-0.0008	0.0021	9.64E+06	0.500	2562.110	6199	0	33853	0.0033	-0.0006	0.0020	1.15E+07	0.294
2688.330	4200	0	35667	0.0036	-0.0008	0.0021	9.66E+06	0.502	2563.100	6199	0	33926	0.0032	-0.0006	0.0019	1.16E+07	0.294
2689.330	4202	0	35740	0.0036	-0.0008	0.0021	9.62E+06	0.503	2564.100	6200	0	33853	0.0032	-0.0006	0.0020	1.16E+07	0.294
2690.330	4199	0	35740	0.0036	-0.0008	0.0021	9.43E+06	0.498	2565.100	6199	0	33998	0.0032	-0.0006	0.0020	1.15E+07	0.295
2691.330	4199	0	35849	0.0037	-0.0008	0.0021	9.42E+06	0.501	2566.100	6199	0	34035	0.0033	-0.0006	0.0020	1.15E+07	0.294
2692.330	4199	0	35885	0.0037	-0.0008	0.0021	9.33E+06	0.502	2567.100	6199	0	34035	0.0033	-0.0006	0.0020	1.14E+07	0.293
2693.330	4202	0	35921	0.0037	-0.0008	0.0021	9.28E+06	0.503	2568.100	6200	0	34143	0.0033	-0.0006	0.0020	1.13E+07	0.291
2694.330	4201	0	35958	0.0037	-0.0008	0.0021	9.35E+06	0.510	2569.100	6200	0	34107	0.0032	-0.0006	0.0020	1.13E+07	0.290
2695.320	4200	0	36030	0.0037	-0.0008	0.0021	9.34E+06	0.511	2570.100	6199	0	34180	0.0032	-0.0006	0.0020	1.13E+07	0.291
2696.320	4199	0	36067	0.0037	-0.0008	0.0021	9.12E+06	0.506	2571.100	6202	0	34216	0.0033	-0.0006	0.0020	1.13E+07	0.291
2697.320	4198	0	36103	0.0037	-0.0008	0.0021	8.87E+06	0.504	2572.100	6200	0	34216	0.0033	-0.0007	0.0020	1.12E+07	0.289
2698.320	4199	0	36139	0.0037	-0.0008	0.0021	8.88E+06	0.507	2573.100	6200	0	34361	0.0033	-0.0006	0.0020	1.13E+07	0.288
2699.320	4200	0	36175	0.0037	-0.0008	0.0021	8.79E+06	0.506	2574.100	6199	0	34361	0.0033	-0.0007	0.0020	1.13E+07	0.288
2700.320	4200	0	36248	0.0037	-0.0008	0.0021	8.65E+06	0.502	2575.100	6201	0	34397	0.0033	-0.0007	0.0020	1.13E+07	0.290
2701.320	4201	0	36321	0.0037	-0.0008	0.0021	8.53E+06	0.498	2576.100	6199	0	34397	0.0033	-0.0007	0.0020	1.12E+07	0.288
2702.320	4200	0	36284	0.0037	-0.0008	0.0021	8.58E+06	0.504	2577.100	6199	0	34470	0.0033	-0.0007	0.0020	1.12E+07	0.289
2703.320	4200	0	36284	0.0037	-0.0008	0.0021	8.56E+06	0.504	2578.100	6199	0	34470	0.0033	-0.0007	0.0020	1.12E+07	0.290
2704.320	4200	0	36357	0.0037	-0.0008	0.0021	8.64E+06	0.509	2579.100	6200	0	34651	0.0033	-0.0007	0.0020	1.14E+07	0.293
2705.320	4198	0	36393	0.0037	-0.0008	0.0021	8.51E+06	0.505	2580.100	6199	0	34543	0.0033	-0.0007	0.0020	1.13E+07	0.292
2706.320	4201	0	36429	0.0037	-0.0008	0.0021	8.38E+06	0.500	2581.100	6200	0	34651	0.0033	-0.0007	0.0020	1.14E+07	0.293
2707.320	4200	0	36466	0.0037	-0.0008	0.0021	8.28E+06	0.498	2582.100	6201	0	34724	0.0033	-0.0007	0.0020	1.15E+07	0.294
2708.320	4200	0	36502	0.0037	-0.0008	0.0021	8.38E+06	0.503	2583.100	6199	0	34760	0.0033	-0.0007	0.0020	1.15E+07	0.297
2709.320	4200	0	36538	0.0038	-0.0008	0.0021	8.34E+06	0.502	2584.100	6200	0	34760	0.0033	-0.0007	0.0020	1.13E+07	0.296
2710.320	4200	0	36611	0.0037	-0.0008	0.0021	8.46E+06	0.512	2585.100	6201	0	34833	0.0033	-0.0007	0.0020	1.13E+07	0.296
2711.320	4200	0	36575	0.0038	-0.0008	0.0021	8.27E+06	0.504	2586.100	6199	0	34833	0.0033	-0.0007	0.0020	1.13E+07	0.298
2712.320	4199	0	36647	0.0037	-0.0008	0.0020	8.05E+06	0.496	2587.100	6199	0	34833	0.0033	-0.0007	0.0020	1.12E+07	0.299
2713.320	4200	0	36756	0.0037	-0.0008	0.0021	7.84E+06	0.488	2588.100	6200	0	34942	0.0033	-0.0007	0.0020	1.12E+07	0.300
2714.320	4201	0	36756	0.0038	-0.0008	0.0021	7.66E+06	0.485	2589.100	6200	0	34978	0.0033	-0.0007	0.0020	1.13E+07	0.301
2715.320	4200	0	36720	0.0038	-0.0008	0.0021	7.52E+06	0.483	2590.100	6201	0	34942	0.0033	-0.0007	0.0020	1.12E+07	0.297
2716.320	4198	0	36792	0.0038	-0.0008	0.0021	7.34E+06	0.485	2591.100	6202	0	35014	0.0033	-0.0007	0.0020	1.10E+07	0.295
2717.320	4200	0	36756	0.0038	-0.0009	0.0021	7.08E+06	0.476	2592.100	6199	0	35014	0.0033	-0.0007	0.0020	1.10E+07	0.296
2718.320	4199	0	36829	0.0038	-0.0008	0.0021	6.83E+06	0.468	2593.100	6201	0	35087	0.0033	-0.0007	0.0020	1.09E+07	0.294
2719.320	4199	0	36901	0.0037	-0.0009	0.0020	6.55E+06	0.458	2594.090	6199	0	35087	0.0033	-0.0007	0.0020	1.10E+07	0.294
2719.530	4202	0	36865	0.0038	-0.0009	0.0021	6.32E+06	0.452	2595.090	6199	0	35196	0.0033	-0.0007	0.0020	1.09E+07	0.294
2720.520	4201	0	36901	0.0038	-0.0009	0.0021	6.17E+06	0.448	2596.090	6199	0	35232	0.0034	-0.0007	0.0020	1.09E+07	0.293
2721.520	4201	0	36756	0.0038	-0.0009	0.0021	5.98E+06	0.440	2597.090	6199	0	35232	0.0034	-0.0007	0.0020	1.10E+07	0.294
									2598.090	6199	0	35305	0.0034	-0.0007	0.0020	1.09E+07	0.293
									2599.090	6201	0	35305	0.0033	-0.0007	0.0020	1.09E+07	0.2

					2611.090	6199	0	35813	0.0034	-0.0007	0.0020	1.07E+07	0.290
					2612.090	6197	0	35849	0.0034	-0.0007	0.0020	1.07E+07	0.291
					2613.090	6200	0	35885	0.0034	-0.0007	0.0020	1.05E+07	0.286
					2614.090	6201	0	35994	0.0034	-0.0007	0.0020	1.04E+07	0.283
					2615.090	6199	0	36030	0.0034	-0.0007	0.0020	1.05E+07	0.285
					2616.090	6200	0	36030	0.0034	-0.0007	0.0020	1.04E+07	0.285
					2617.090	6199	0	36066	0.0034	-0.0007	0.0020	1.04E+07	0.284
					2618.090	6199	0	36103	0.0034	-0.0007	0.0020	1.03E+07	0.284
					2619.090	6199	0	36212	0.0034	-0.0007	0.0020	1.03E+07	0.282
					2620.090	6201	0	36212	0.0034	-0.0007	0.0020	1.03E+07	0.283
					2621.090	6201	0	36248	0.0034	-0.0007	0.0020	1.04E+07	0.283
					2622.090	6199	0	36284	0.0034	-0.0007	0.0020	1.04E+07	0.283
					2623.090	6200	0	36284	0.0034	-0.0007	0.0020	1.05E+07	0.284
					2624.090	6200	0	36393	0.0034	-0.0007	0.0020	1.05E+07	0.280
					2625.080	6200	0	36357	0.0034	-0.0007	0.0020	1.04E+07	0.280
					2626.080	6201	0	36357	0.0035	-0.0007	0.0021	1.04E+07	0.283
					2627.080	6199	0	36429	0.0035	-0.0007	0.0020	1.04E+07	0.285
					2628.080	6203	0	36466	0.0035	-0.0007	0.0020	1.04E+07	0.288
					2629.080	6200	0	36538	0.0035	-0.0007	0.0021	1.04E+07	0.288
					2630.080	6199	0	36611	0.0034	-0.0007	0.0020	1.03E+07	0.288
					2631.080	6200	0	36611	0.0034	-0.0007	0.0020	1.02E+07	0.289
					2632.080	6199	0	36683	0.0035	-0.0007	0.0021	1.02E+07	0.290
					2633.080	6200	0	36683	0.0035	-0.0007	0.0021	1.04E+07	0.292
					2634.080	6200	0	36720	0.0035	-0.0007	0.0021	1.06E+07	0.297
					2635.080	6199	0	36756	0.0035	-0.0007	0.0020	1.09E+07	0.297
					2636.080	6199	0	36829	0.0035	-0.0007	0.0021	1.11E+07	0.298
					2637.080	6199	0	36865	0.0035	-0.0007	0.0020	1.07E+07	0.297
					2638.080	6199	0	36865	0.0035	-0.0007	0.0021	1.02E+07	0.296
					2639.080	6199	0	36901	0.0035	-0.0007	0.0021	9.82E+06	0.299
					2640.080	6201	0	36937	0.0035	-0.0007	0.0021	9.44E+06	0.296
					2641.080	6199	0	36937	0.0035	-0.0007	0.0021	9.23E+06	0.297
					2642.080	6199	0	37010	0.0035	-0.0007	0.0021	9.10E+06	0.298
					2643.080	6199	0	37119	0.0035	-0.0007	0.0021	8.96E+06	0.299
					2644.080	6203	0	37228	0.0035	-0.0007	0.0021	8.82E+06	0.298
					2645.080	6201	0	37373	0.0035	-0.0007	0.0021	8.75E+06	0.299
					2646.080	6200	0	37409	0.0035	-0.0007	0.0021	8.72E+06	0.300
					2647.080	6200	0	37445	0.0035	-0.0007	0.0021	8.75E+06	0.302
					2648.080	6199	0	37554	0.0035	-0.0007	0.0021	8.84E+06	0.304
					2649.080	6199	0	37518	0.0035	-0.0007	0.0021	8.96E+06	0.307
					2650.080	6200	0	37482	0.0036	-0.0007	0.0021	9.06E+06	0.306
					2651.080	6201	0	37482	0.0036	-0.0007	0.0021	9.19E+06	0.308
					2652.080	6199	0	37518	0.0036	-0.0007	0.0021	9.31E+06	0.310
					2653.080	6199	0	37518	0.0035	-0.0007	0.0021	9.45E+06	0.312
					2654.080	6199	0	37518	0.0035	-0.0007	0.0021	9.59E+06	0.314
					2655.080	6199	0	37518	0.0036	-0.0007	0.0021	9.64E+06	0.313
					2656.080	6201	0	37445	0.0036	-0.0007	0.0021	9.60E+06	0.313
					2657.070	6199	0	37590	0.0036	-0.0007	0.0021	9.59E+06	0.316
					2658.070	6200	0	37844	0.0036	-0.0007	0.0021	9.41E+06	0.314
					2659.070	6200	0	38244	0.0036	-0.0007	0.0021	9.29E+06	0.315
					2660.070	6199	0	38643	0.0036	-0.0008	0.0021	9.21E+06	0.315
					2661.070	6200	0	38788	0.0036	-0.0008	0.0021	9.19E+06	0.315
					2662.070	6199	0	38425	0.0037	-0.0008	0.0021	9.26E+06	0.316
					2663.070	6199	0	38062	0.0037	-0.0008	0.0021	9.43E+06	0.319
					2664.070	6201	0	37990	0.0037	-0.0008	0.0021	9.49E+06	0.319
					2665.070	6198	0	37990	0.0037	-0.0008	0.0021	9.55E+06	0.318
					2666.070	6201	0	38098	0.0036	-0.0008	0.0021	9.66E+06	0.319
					2667.070	6199	0	38244	0.0036	-0.0008	0.0021	9.83E+06	0.321
					2668.070	6200	0	38280	0.0037	-0.0008	0.0021	9.97E+06	0.322
					2669.070	6199	0	38316	0.0037	-0.0008	0.0021	1.02E+07	0.324
					2670.070	6199	0	38352	0.0037	-0.0008	0.0021	1.03E+07	0.326
					2671.070	6200	0	38352	0.0036	-0.0008	0.0021	1.04E+07	0.327
					2672.070	6201	0	38498	0.0036	-0.0008	0.0021	1.06E+07	0.328
					2673.070	6200	0	38679	0.0036	-0.0008	0.0021	1.08E+07	0.329
					2674.070	6199	0	38824	0.0036	-0.0008	0.0021	1.11E+07	0.332
					2675.070	6200	0	38897	0.0037	-0.0008	0.0021	1.12E+07	0.331
					2676.070	6199	0	39006	0.0037	-0.0008	0.0021	1.12E+07	0.329
					2677.070	6199	0	39187	0.0037	-0.0008	0.0021	1.13E+07	0.329
					2678.070	6199	0	39223	0.0037	-0.0008	0.0021	1.15E+07	0.331
					2679.070	6200	0	39332	0.0037	-0.0008	0.0021	1.19E+07	0.342
					2680.070	6199	0	39296	0.0037	-0.0008	0.0021	1.22E+07	0.345
					2681.070	6199	0	39006	0.0037	-0.0008	0.0022	1.23E+07	0.346
					2682.070	6200	0	38824	0.0037	-0.0008	0.0021	1.22E+07	0.346
					2683.070	6200	0	38679	0.0037	-0.0008	0.0021	1.24E+07	0.347
					2684.070	6201	0	38715	0.0037	-0.0008	0.0021	1.26E+07	0.346
					2685.070	6200	0	38897	0.0037	-0.0008	0.0021	1.33E+07	0.350
					2686.070	6200	0	39042	0.0037	-0.0008	0.0021	1.35E+07	0.344

					2687.070	6201	0	39260	0.0037	-0.0008	0.0021	1.37E+07	0.343
					2688.060	6201	0	39405	0.0037	-0.0008	0.0021	1.36E+07	0.342
					2689.060	6200	0	39514	0.0037	-0.0008	0.0021	1.34E+07	0.339
					2690.060	6199	0	39622	0.0037	-0.0008	0.0021	1.31E+07	0.336
					2691.060	6200	0	39731	0.0037	-0.0008	0.0021	1.27E+07	0.333
					2692.060	6199	0	39804	0.0037	-0.0008	0.0021	1.23E+07	0.330
					2693.060	6199	0	39840	0.0038	-0.0008	0.0022	1.22E+07	0.333
					2694.060	6199	0	39840	0.0037	-0.0008	0.0021	1.19E+07	0.330
					2695.060	6199	0	39840	0.0037	-0.0008	0.0021	1.18E+07	0.330
					2696.060	6200	0	39913	0.0037	-0.0008	0.0021	1.16E+07	0.328
					2697.060	6200	0	39913	0.0037	-0.0008	0.0021	1.14E+07	0.327
					2698.060	6199	0	40021	0.0038	-0.0008	0.0021	1.12E+07	0.327
					2699.060	6199	0	40021	0.0038	-0.0008	0.0021	1.13E+07	0.329
					2700.060	6199	0	40021	0.0038	-0.0008	0.0022	1.14E+07	0.333
					2701.060	6199	0	40021	0.0038	-0.0008	0.0021	1.14E+07	0.331
					2702.060	6199	0	40130	0.0037	-0.0008	0.0021	1.15E+07	0.332
					2703.060	6200	0	40130	0.0038	-0.0008	0.0021	1.16E+07	0.331
					2704.060	6199	0	40167	0.0038	-0.0008	0.0021	1.18E+07	0.333
					2705.060	6199	0	40239	0.0038	-0.0008	0.0022	1.19E+07	0.334
					2706.060	6198	0	40203	0.0038	-0.0008	0.0022	1.16E+07	0.329
					2707.060	6199	0	40239	0.0038	-0.0008	0.0022	1.15E+07	0.325
					2708.060	6201	0	40276	0.0038	-0.0008	0.0021	1.13E+07	0.326
					2709.060	6200	0	40384	0.0038	-0.0008	0.0022	1.08E+07	0.324
					2710.060	6200	0	40384	0.0038	-0.0008	0.0022	1.04E+07	0.325
					2711.060	6199	0	40348	0.0038	-0.0008	0.0022	1.00E+07	0.321
					2712.060	6199	0	40384	0.0038	-0.0008	0.0022	9.67E+06	0.317
					2713.060	6201	0	40421	0.0038	-0.0008	0.0022	9.58E+06	0.316
					2714.060	6199	0	40493	0.0038	-0.0008	0.0022	9.48E+06	0.315
					2715.060	6200	0	40529	0.0038	-0.0008	0.0022	9.42E+06	0.314
					2716.060	6201	0	40602	0.0038	-0.0008	0.0022	9.50E+06	0.315
					2717.060	6200	0	40602	0.0038	-0.0008	0.0022	9.56E+06	0.314
					2718.060	6199	0	40602	0.0038	-0.0008	0.0022	9.58E+06	0.316
					2719.050	6199	0	40638	0.0038	-0.0008	0.0022	9.63E+06	0.317
					2720.050	6199	0	40711	0.0038	-0.0008	0.0021	9.71E+06	0.320
					2721.050	6199	0	40747	0.0038	-0.0008	0.0022	9.94E+06	0.328
					2722.050	6199	0	40820	0.0038	-0.0008	0.0022	1.01E+07	0.332
					2723.050	6199	0	40784	0.0039	-0.0008	0.0022	1.01E+07	0.333
					2724.050	6199	0	40856	0.0038	-0.0008	0.0022	1.01E+07	0.334
					2725.050	6200	0	40929	0.0038	-0.0008	0.0022	1.01E+07	0.335
					2726.050	6200	0	40929	0.0038	-0.0008	0.0022	1.02E+07	0.337
					2727.050	6200	0	41001	0.0038	-0.0008	0.0022	1.02E+07	0.339
					2728.050	6199	0	41001	0.0039	-0.0008	0.0022	1.04E+07	0.343
					2729.050	6199	0	41037	0.0039	-0.0008	0.0022	1.05E+07	0.346
					2730.050	6199	0	41037	0.0039	-0.0008	0.0022	1.06E+07	0.350
					2731.050	6200	0	41037	0.0039	-0.0008	0.0022	1.06E+07	0.353
					2732.050	6200	0	41183	0.0039	-0.0008	0.0022	1.07E+07	0.355
					2733.050	6199	0	41183	0.0039	-0.0008	0.0022	1.06E+07	0.356
					2734.050	6199	0	41219	0.0039	-0.0008	0.0022	1.08E+07	0.361
					2735.050	6200	0	41255	0.0039	-0.0008	0.0022	1.08E+07	0.362
					2736.050	6200	0	41328	0.0039	-0.0009	0.0022	1.07E+07	0.362
					2737.050	6200	0	41328	0.0039	-0.0009	0.0022	1.07E+07	0.363
					2738.050	6199	0	41437	0.0039	-0.0008	0.0022	1.07E+07	0.364
					2739.050	6200	0	41400	0.0039	-0.0009	0.0022	1.07E+07	0.368
					2740.050	6199	0	41473	0.0039	-0.0009	0.0022	1.06E+07	0.367
					2741.050	6200	0	41509	0.0039	-0.0009	0.0022	1.06E+07	0.365
					2742.050	6199	0	41545	0.0039	-0.0009	0.0022	1.04E+07	0.366
					2743.050	6199	0	41582	0.0039	-0.0009	0.0022	1.04E+07	0.366
					2744.050	6199	0	41618	0.0039	-0.0009	0.0022	1.05E+07	0.373
					2745.050	6199	0	41654	0.0039	-0.0009	0.0022	1.04E+07	0.371
					2746.050	6201	0	41727	0.0039	-0.0009	0.0022	1.08E+07	0.382
					2747.050	6200	0	41799	0.0039	-0.0009	0.0022	1.08E+07	0.382
					2748.050	6199	0	41763	0.0039	-0.0009	0.0022	1.06E+07	0.381
					2749.050	6199	0	41763	0.0039	-0.0009	0.0022	1.06E+07	0.381
					2750.040	6200	0	41836	0.0039	-0.0009	0.0022	1.06E+07	0.383
					2751.040	6199	0	41945	0.0039	-0.0009	0.0022	1.05E+07	0.384
					2752.040	6200	0	41981	0.0039	-0.0009	0.0022	1.05E+07	0.385
					2753.040	6200	0	42017	0.0039	-0.0009	0.0022	1.06E+07	0.389
					2754.040	6200	0	42017	0.0039	-0.0009	0.0022	1.04E+07	0.387
					2755.040	6201	0	42090	0.0039	-0.0009	0.0022	1.05E+07	0.389
					2756.040	6199	0	42090	0.0039	-0.0009	0.0022	1.04E+07	0.391
					2757.040	6200	0	42126	0.0039	-0.0009	0.0022	1.02E+07	0.387
					2758.040	6199	0	42198	0.0040	-0.0009	0.0022	1.02E+07	0.387
					2759.040	6199	0	42235	0.0040	-0.0009	0.0022	1.04E+07	0.395
					2760.040	6203	0	42235	0.0040	-0.0009	0.0022	1.03E+07	0.396
					2761.040	6199	0	42307	0.0040	-0.0009	0.0022	1.03E+07	0.396
					2762.040	6200	0	42307	0.0040	-0.0009	0.0022	1.02E+07	0.395

					2763.040	6199	0	42453	0.0040	-0.0009	0.0022	1.01E+07	0.394
					2764.040	6199	0	42416	0.0040	-0.0009	0.0022	1.00E+07	0.390
					2765.040	6199	0	42453	0.0040	-0.0009	0.0022	9.92E+06	0.390
					2766.040	6199	0	42525	0.0040	-0.0009	0.0022	9.80E+06	0.388
					2767.040	6199	0	42525	0.0040	-0.0009	0.0022	9.83E+06	0.390
					2768.040	6199	0	42561	0.0040	-0.0009	0.0022	9.86E+06	0.391
					2769.040	6200	0	42634	0.0040	-0.0009	0.0022	9.81E+06	0.392
					2770.040	6201	0	42706	0.0040	-0.0009	0.0022	9.84E+06	0.395
					2771.040	6201	0	42743	0.0040	-0.0009	0.0022	9.81E+06	0.395
					2772.040	6199	0	42706	0.0040	-0.0009	0.0022	9.79E+06	0.398
					2773.040	6199	0	42743	0.0040	-0.0009	0.0022	9.76E+06	0.397
					2774.040	6203	0	42815	0.0040	-0.0009	0.0022	9.76E+06	0.397
					2775.040	6201	0	42852	0.0040	-0.0009	0.0022	9.77E+06	0.399
					2776.040	6202	0	42888	0.0040	-0.0009	0.0022	9.54E+06	0.392
					2777.040	6199	0	42888	0.0040	-0.0009	0.0022	9.64E+06	0.396
					2778.040	6200	0	42924	0.0040	-0.0009	0.0022	9.66E+06	0.398
					2779.040	6199	0	42924	0.0040	-0.0009	0.0022	9.69E+06	0.398
					2780.040	6200	0	43033	0.0040	-0.0009	0.0022	9.70E+06	0.400
					2781.040	6201	0	43106	0.0040	-0.0009	0.0022	9.63E+06	0.398
					2782.030	6199	0	43142	0.0041	-0.0009	0.0022	9.77E+06	0.405
					2783.030	6200	0	43106	0.0041	-0.0009	0.0022	9.78E+06	0.407
					2784.030	6199	0	43251	0.0040	-0.0009	0.0022	9.63E+06	0.403
					2785.030	6199	0	43214	0.0041	-0.0009	0.0022	9.73E+06	0.407
					2786.030	6199	0	43251	0.0041	-0.0009	0.0022	9.72E+06	0.408
					2787.030	6199	0	43323	0.0041	-0.0009	0.0022	9.63E+06	0.408
					2788.030	6201	0	43396	0.0041	-0.0009	0.0022	9.61E+06	0.409
					2789.030	6201	0	43396	0.0041	-0.0009	0.0022	9.76E+06	0.414
					2790.030	6200	0	43396	0.0041	-0.0009	0.0022	9.67E+06	0.414
					2791.030	6199	0	43468	0.0041	-0.0009	0.0022	9.66E+06	0.414
					2792.030	6199	0	43541	0.0041	-0.0009	0.0022	9.65E+06	0.414
					2793.030	6199	0	43577	0.0041	-0.0009	0.0022	9.57E+06	0.415
					2794.030	6200	0	43614	0.0041	-0.0009	0.0022	9.55E+06	0.417
					2795.030	6199	0	43650	0.0041	-0.0009	0.0022	9.53E+06	0.419
					2796.030	6200	0	43650	0.0041	-0.0009	0.0022	9.45E+06	0.417
					2797.030	6199	0	43686	0.0041	-0.0009	0.0022	9.57E+06	0.420
					2798.030	6200	0	43686	0.0041	-0.0009	0.0022	9.57E+06	0.421
					2799.030	6201	0	43831	0.0041	-0.0009	0.0022	9.41E+06	0.416
					2800.030	6199	0	43904	0.0041	-0.0009	0.0022	9.42E+06	0.417
					2801.030	6199	0	43868	0.0041	-0.0009	0.0023	9.35E+06	0.418
					2802.030	6199	0	43868	0.0041	-0.0009	0.0022	9.25E+06	0.420
					2803.030	6199	0	43940	0.0041	-0.0010	0.0022	9.22E+06	0.418
					2804.030	6201	0	44013	0.0041	-0.0010	0.0022	9.21E+06	0.420
					2805.030	6200	0	44013	0.0041	-0.0010	0.0022	9.02E+06	0.417
					2806.030	6200	0	44122	0.0042	-0.0010	0.0022	9.14E+06	0.422
					2807.030	6199	0	44049	0.0041	-0.0010	0.0022	8.87E+06	0.416
					2808.030	6201	0	44122	0.0041	-0.0010	0.0022	8.90E+06	0.419
					2809.030	6199	0	44122	0.0042	-0.0010	0.0022	8.93E+06	0.422
					2810.030	6201	0	44194	0.0041	-0.0010	0.0022	9.06E+06	0.429
					2811.030	6201	0	44194	0.0041	-0.0010	0.0022	9.03E+06	0.430
					2812.030	6199	0	44267	0.0042	-0.0010	0.0022	8.89E+06	0.427
					2813.020	6199	0	44303	0.0042	-0.0010	0.0022	8.88E+06	0.427
					2814.020	6199	0	44303	0.0042	-0.0010	0.0022	8.80E+06	0.427
					2815.020	6199	0	44376	0.0042	-0.0010	0.0022	8.62E+06	0.422
					2816.020	6199	0	44448	0.0042	-0.0010	0.0022	8.54E+06	0.420
					2817.020	6199	0	44448	0.0042	-0.0010	0.0022	8.49E+06	0.421
					2818.020	6201	0	44484	0.0042	-0.0010	0.0022	8.47E+06	0.420
					2819.020	6199	0	44484	0.0042	-0.0010	0.0022	8.62E+06	0.426
					2820.020	6200	0	44557	0.0042	-0.0010	0.0022	8.67E+06	0.428
					2821.020	6201	0	44593	0.0042	-0.0010	0.0022	8.70E+06	0.431
					2822.020	6200	0	44630	0.0042	-0.0010	0.0022	8.73E+06	0.432
					2823.020	6200	0	44666	0.0042	-0.0010	0.0022	8.62E+06	0.431
					2824.020	6199	0	44739	0.0042	-0.0010	0.0022	8.65E+06	0.434
					2825.020	6199	0	44775	0.0042	-0.0010	0.0022	8.75E+06	0.438
					2826.020	6200	0	44739	0.0042	-0.0010	0.0022	8.89E+06	0.444
					2827.020	6200	0	44739	0.0042	-0.0010	0.0022	8.84E+06	0.441
					2828.020	6200	0	44884	0.0042	-0.0010	0.0022	8.85E+06	0.441
					2829.020	6199	0	44884	0.0042	-0.0010	0.0022	8.77E+06	0.440
					2830.020	6200	0	44884	0.0042	-0.0010	0.0023	8.78E+06	0.442
					2831.020	6199	0	44956	0.0042	-0.0010	0.0022	8.84E+06	0.447
					2832.020	6201	0	44884	0.0043	-0.0010	0.0023	8.83E+06	0.446
					2833.020	6199	0	45065	0.0042	-0.0010	0.0022	8.93E+06	0.454
					2834.020	6200	0	45101	0.0042	-0.0010	0.0022	8.98E+06	0.457
					2835.020	6199	0	45138	0.0042	-0.0010	0.0022	8.90E+06	0.456
					2836.020	6200	0	45138	0.0043	-0.0010	0.0022	8.95E+06	0.461
					2837.020	6199	0	45138	0.0043	-0.0010	0.0023	8.97E+06	0.463
					2838.020	6201	0	45210	0.0043	-0.0010	0.0022	9.06E+06	0.468



2839.020	6199	0	45210	0.0043	-0.0010	0.0022	9.10E+06	0.470
2840.020	6200	0	45246	0.0043	-0.0010	0.0023	9.15E+06	0.474
2841.020	6199	0	45319	0.0043	-0.0010	0.0022	8.99E+06	0.469
2842.020	6199	0	45355	0.0043	-0.0010	0.0022	9.09E+06	0.472
2843.020	6200	0	45355	0.0043	-0.0010	0.0023	9.03E+06	0.474
2844.010	6199	0	45464	0.0043	-0.0010	0.0022	9.10E+06	0.481
2845.010	6198	0	45464	0.0043	-0.0010	0.0022	9.08E+06	0.484
2846.010	6201	0	45464	0.0043	-0.0010	0.0022	9.11E+06	0.488
2847.010	6200	0	45609	0.0043	-0.0010	0.0022	8.95E+06	0.484
2848.010	6199	0	45573	0.0043	-0.0010	0.0023	8.99E+06	0.487
2849.010	6199	0	45646	0.0043	-0.0010	0.0022	9.06E+06	0.493
2850.010	6200	0	45646	0.0043	-0.0010	0.0022	9.08E+06	0.494
2851.010	6200	0	45646	0.0043	-0.0010	0.0022	9.01E+06	0.492
2852.010	6199	0	45718	0.0043	-0.0010	0.0022	8.95E+06	0.493
2853.010	6201	0	45754	0.0043	-0.0010	0.0022	8.79E+06	0.490
2854.010	6199	0	45791	0.0043	-0.0010	0.0022	8.79E+06	0.491
2855.010	6200	0	45791	0.0043	-0.0010	0.0022	8.81E+06	0.495
2856.010	6198	0	45863	0.0043	-0.0010	0.0022	8.69E+06	0.492
2857.010	6199	0	45863	0.0043	-0.0010	0.0022	8.75E+06	0.493
2858.010	6201	0	45900	0.0043	-0.0010	0.0022	8.57E+06	0.491
2859.010	6199	0	45972	0.0043	-0.0011	0.0022	8.63E+06	0.499
2860.010	6201	0	46008	0.0043	-0.0011	0.0022	8.61E+06	0.495
2861.010	6201	0	46008	0.0044	-0.0011	0.0022	8.68E+06	0.502
2862.010	6200	0	46081	0.0044	-0.0011	0.0023	8.74E+06	0.508
2863.010	6199	0	46153	0.0043	-0.0011	0.0022	8.73E+06	0.510
2864.010	6201	0	46190	0.0043	-0.0011	0.0022	8.74E+06	0.512
2865.010	6200	0	46190	0.0044	-0.0011	0.0022	8.64E+06	0.510
2866.010	6200	0	46226	0.0044	-0.0011	0.0022	8.45E+06	0.505
2867.010	6200	0	46299	0.0044	-0.0011	0.0022	8.44E+06	0.506
2868.010	6199	0	46226	0.0044	-0.0011	0.0022	8.42E+06	0.509
2869.010	6199	0	46299	0.0044	-0.0011	0.0022	8.40E+06	0.509
2870.010	6201	0	46335	0.0044	-0.0011	0.0022	8.44E+06	0.512
2871.010	6199	0	46371	0.0044	-0.0011	0.0022	8.34E+06	0.511
2872.010	6199	0	46408	0.0044	-0.0011	0.0022	8.30E+06	0.512
2873.010	6200	0	46444	0.0044	-0.0011	0.0022	8.29E+06	0.512
2874.010	6200	0	46516	0.0044	-0.0011	0.0022	8.28E+06	0.511
2875.000	6199	0	46553	0.0044	-0.0011	0.0022	8.32E+06	0.514
2876.000	6200	0	46553	0.0044	-0.0011	0.0022	8.37E+06	0.519
2877.000	6199	0	46589	0.0044	-0.0011	0.0022	8.38E+06	0.520
2878.000	6200	0	46661	0.0044	-0.0011	0.0022	8.25E+06	0.514
2879.000	6200	0	46661	0.0044	-0.0011	0.0022	8.16E+06	0.511
2880.000	6199	0	46661	0.0044	-0.0011	0.0022	8.13E+06	0.512
2881.000	6199	0	46734	0.0044	-0.0011	0.0022	8.08E+06	0.514
2882.000	6200	0	46807	0.0044	-0.0011	0.0022	8.09E+06	0.516
2883.000	6200	0	46770	0.0044	-0.0011	0.0022	8.02E+06	0.515
2884.000	6201	0	46843	0.0044	-0.0011	0.0022	7.99E+06	0.516
2885.000	6201	0	46916	0.0045	-0.0011	0.0023	7.98E+06	0.517
2886.000	6200	0	46916	0.0045	-0.0011	0.0022	8.01E+06	0.521
2887.000	6199	0	46916	0.0044	-0.0011	0.0022	8.04E+06	0.523
2888.000	6199	0	46988	0.0044	-0.0011	0.0022	7.99E+06	0.522
2889.000	6200	0	47024	0.0044	-0.0011	0.0022	8.06E+06	0.529
2890.000	6200	0	47097	0.0045	-0.0011	0.0022	8.17E+06	0.536
2891.000	6200	0	47061	0.0045	-0.0011	0.0022	8.28E+06	0.542
2892.000	6199	0	47133	0.0045	-0.0011	0.0022	8.28E+06	0.544
2893.000	6199	0	47097	0.0045	-0.0011	0.0022	8.35E+06	0.547
2894.000	6200	0	47206	0.0045	-0.0011	0.0022	8.36E+06	0.550
2895.000	6200	0	47206	0.0045	-0.0011	0.0022	8.39E+06	0.554
2896.000	6200	0	47206	0.0045	-0.0011	0.0022	8.32E+06	0.552
2897.000	6199	0	47278	0.0045	-0.0011	0.0022	8.38E+06	0.562
2898.000	6199	0	47315	0.0045	-0.0011	0.0022	8.35E+06	0.562
2899.000	6200	0	47387	0.0045	-0.0011	0.0022	8.35E+06	0.564
2900.000	6200	0	47351	0.0045	-0.0011	0.0022	8.37E+06	0.566
2901.000	6201	0	47423	0.0045	-0.0011	0.0022	8.49E+06	0.572
2902.000	6200	0	47496	0.0045	-0.0011	0.0022	8.36E+06	0.567
2903.000	6201	0	47496	0.0045	-0.0011	0.0022	8.38E+06	0.573
2904.000	6199	0	47496	0.0045	-0.0012	0.0022	8.38E+06	0.574
2905.000	6199	0	47532	0.0045	-0.0012	0.0022	8.42E+06	0.577
2906.000	6199	0	47569	0.0045	-0.0012	0.0022	8.43E+06	0.579
2906.990	6201	0	47641	0.0045	-0.0012	0.0022	8.35E+06	0.578
2907.990	6199	0	47641	0.0045	-0.0012	0.0022	8.24E+06	0.571
2908.990	6198	0	47677	0.0046	-0.0012	0.0022	8.11E+06	0.567
2909.990	6200	0	47750	0.0046	-0.0012	0.0022	8.07E+06	0.572
2910.990	6200	0	47750	0.0045	-0.0012	0.0022	8.05E+06	0.571
2911.990	6199	0	47859	0.0045	-0.0012	0.0022	8.06E+06	0.574
2912.990	6199	0	47786	0.0045	-0.0012	0.0022	8.01E+06	0.578
2913.990	6200	0	47859	0.0046	-0.0012	0.0022	8.12E+06	0.590

2914.990	6199	0	47931	0.0046	-0.0012	0.0022	8.15E+06	0.592
2915.990	6202	0	47968	0.0046	-0.0012	0.0022	8.20E+06	0.594
2916.990	6199	0	47968	0.0046	-0.0012	0.0022	8.19E+06	0.594
2917.990	6200	0	48004	0.0045	-0.0012	0.0022	8.23E+06	0.599
2918.990	6200	0	48077	0.0045	-0.0012	0.0022	8.21E+06	0.603
2919.990	6199	0	48113	0.0046	-0.0012	0.0022	8.23E+06	0.606
2920.990	6199	0	48113	0.0046	-0.0012	0.0022	8.22E+06	0.610
2921.990	6199	0	48113	0.0046	-0.0012	0.0022	8.18E+06	0.611
2922.990	6199	0	48186	0.0046	-0.0012	0.0022	8.16E+06	0.610
2923.990	6200	0	48222	0.0046	-0.0012	0.0022	8.12E+06	0.610
2924.990	6199	0	48294	0.0046	-0.0012	0.0022	8.13E+06	0.611
2925.990	6201	0	48367	0.0046	-0.0012	0.0022	8.10E+06	0.614
2926.990	6201	0	48331	0.0046	-0.0012	0.0022	8.14E+06	0.619
2927.990	6199	0	48331	0.0046	-0.0012	0.0022	8.17E+06	0.621
2928.990	6200	0	48403	0.0046	-0.0012	0.0022	8.11E+06	0.620
2929.990	6199	0	48476	0.0046	-0.0012	0.0022	8.06E+06	0.620
2930.990	6201	0	48512	0.0046	-0.0012	0.0022	8.04E+06	0.622
2931.990	6200	0	48512	0.0046	-0.0012	0.0022	7.86E+06	0.617
2932.990	6200	0	48476	0.0047	-0.0012	0.0022	7.82E+06	0.618
2933.990	6199	0	48585	0.0047	-0.0012	0.0022	7.75E+06	0.618
2934.990	6199	0	48548	0.0046	-0.0012	0.0022	7.70E+06	0.618
2935.990	6201	0	48621	0.0046	-0.0012	0.0022	7.68E+06	0.618
2936.990	6199	0	48693	0.0046	-0.0012	0.0022	7.68E+06	0.622
2937.980	6199	0	48657	0.0047	-0.0012	0.0022	7.57E+06	0.618
2938.980	6199	0	48693	0.0047	-0.0012	0.0022	7.49E+06	0.621
2939.980	6199	0	48802	0.0047	-0.0012	0.0022	7.40E+06	0.622
2940.980	6199	0	48839	0.0047	-0.0012	0.0022	7.40E+06	0.626
2941.980	6199	0	48875	0.0047	-0.0012	0.0022	7.45E+06	0.633
2942.980	6199	0	48875	0.0047	-0.0012	0.0022	7.41E+06	0.636
2943.980	6199	0	48911	0.0047	-0.0013	0.0022	7.45E+06	0.645
2944.980	6199	0	48947	0.0047	-0.0013	0.0022	7.56E+06	0.657
2945.980	6200	0	48947	0.0047	-0.0013	0.0022	7.56E+06	0.660
2946.980	6202	0	49020	0.0047	-0.0013	0.0022	7.54E+06	0.660
2947.980	6199	0	49093	0.0047	-0.0013	0.0022	7.55E+06	0.663
2948.980	6200	0	49093	0.0047	-0.0013	0.0022	7.50E+06	0.665
2949.980	6200	0	49129	0.0047	-0.0013	0.0022	7.46E+06	0.664
2950.980	6199	0	49129	0.0047	-0.0013	0.0022	7.42E+06	0.665
2951.980	6199	0	49201	0.0047	-0.0013	0.0022	7.51E+06	0.674
2952.980	6200	0	49201	0.0047	-0.0013	0.0021	7.43E+06	0.671
2953.980	6202	0	49238	0.0047	-0.0013	0.0021	7.43E+06	0.677
2954.980	6199	0	49274	0.0047	-0.0013	0.0021	7.43E+06	0.679
2955.980	6200	0	49347	0.0047	-0.0013	0.0022	7.44E+06	0.685
2956.980	6199	0	49274	0.0048	-0.0013	0.0022	7.44E+06	0.690
2957.980	6199	0	49347	0.0047	-0.0013	0.0022	7.41E+06	0.693
2958.980	6199	0	49347	0.0047	-0.0013	0.0021	7.33E+06	0.689
2959.980	6199	0	49419	0.0047	-0.0013	0.0021	7.35E+06	0.692
2960.980	6199	0	49492	0.0047	-0.0013	0.0021	7.31E+06	0.695
2961.980	6200	0	49492	0.0048	-0.0013	0.0021	7.29E+06	0.698
2962.980	6200	0	49455	0.0048	-0.0013	0.0022	7.25E+06	0.700
2963.980	6201	0	49455	0.0048	-0.0013	0.0021	7.23E+06	0.702
2964.980	6199	0	49492	0.0048	-0.0013	0.0021	7.25E+06	0.709
2965.980	6200	0	49564	0.0047	-0.0013	0.0021	7.28E+06	0.712
2966.980	6200	0	49637	0.0048	-0.0013	0.0021	7.20E+06	0.708
2967.980	6200	0	49637	0.0048	-0.0013	0.0021	7.16E+06	0.707
2968.970	6200	0	49673	0.0048	-0.0013	0.0021	7.14E+06	0.711
2969.970	6199	0	49746	0.0048	-0.0013	0.0021	7.10E+06	0.714
2970.970	6201	0	49782	0.0048	-0.0013	0.0021	7.00E+06	0.708
2971.970	6199	0	49818	0.0048	-0.0013	0.0021	6.97E+06	0.712
2972.970	6200	0	49927	0.0048	-0.0013	0.0021	7.00E+06	0.721
2973.970	6200	0	49855	0.0048	-0.0013	0.0021	7.00E+06	0.721
2974.970	6199	0	49927	0.0048	-0.0013	0.0021	7.05E+06	0.727
2975.970	6200	0	49891	0.0048	-0.0013	0.0021	7.07E+06	0.729
2976.970	6199	0	49963	0.0048	-0.0014	0.0021	7.01E+06	0.731
2977.970	6202	0	50000	0.0048	-0.0014	0.0021	7.08E+06	0.735
2978.970	6201	0	50036	0.0048	-0.0014	0.0021	7.04E+06	0.734
2979.970	6199	0	50072	0.0048	-0.0014	0.0021	7.11E+06	0.744
2980.970	6199	0	50036	0.0048	-0.0014	0.0021	6.98E+06	0.737
2981.970	6199	0	50072	0.0048	-0.0014	0.0021	6.94E+06	0.736
2982.970	6200	0	50108	0.0048	-0.0014	0.0021	6.87E+06	0.736
2983.970	6201	0	50217	0.0048	-0.0014	0.0021	6.90E+06	0.739
2984.970	6200	0	50254	0.0048	-0.0014	0.0021	6.87E+06	0.739
2985.970	6200	0	50290	0.0049	-0.0014	0.0021	6.82E+06	0.742
2986.970	6199	0	50290	0.0049	-0.0014	0.0021	6.78E+06	0.743
2987.970	6199	0	50290	0.0049	-0.0014	0.0021	6.78E+06	0.748
2988.970	6201	0	50399	0.0049	-0.0014	0.0021	6.72E+06	0.747
2989.970	6201	0	50399	0.0049	-0.0014	0.0021	6.69E+06	0.751

2990.970	6200	0	50435	0.0049	-0.0014	0.0021	6.61E+06	0.753
2991.970	6200	0	50435	0.0049	-0.0014	0.0021	6.61E+06	0.763
2992.970	6199	0	50435	0.0049	-0.0014	0.0021	6.57E+06	0.765
2993.970	6199	0	50471	0.0049	-0.0014	0.0021	6.55E+06	0.770
2994.970	6200	0	50471	0.0049	-0.0014	0.0021	6.54E+06	0.778
2995.970	6200	0	50544	0.0049	-0.0014	0.0021	6.53E+06	0.781
2996.970	6201	0	50580	0.0049	-0.0014	0.0021	6.50E+06	0.787
2997.970	6200	0	50580	0.0049	-0.0014	0.0021	6.50E+06	0.791
2998.970	6199	0	50689	0.0049	-0.0014	0.0021	6.65E+06	0.806
2999.970	6199	0	50689	0.0049	-0.0014	0.0021	6.55E+06	0.803
3000.960	6200	0	50762	0.0049	-0.0014	0.0020	6.50E+06	0.804
3001.960	6199	0	50689	0.0049	-0.0014	0.0020	6.50E+06	0.809
3002.960	6199	0	50870	0.0049	-0.0014	0.0020	6.56E+06	0.826
3003.960	6201	0	50834	0.0050	-0.0014	0.0021	6.52E+06	0.826
3004.960	6199	0	50870	0.0049	-0.0015	0.0020	6.61E+06	0.844
3005.960	6200	0	50834	0.0050	-0.0015	0.0021	6.62E+06	0.849
3006.960	6199	0	50870	0.0049	-0.0015	0.0020	6.58E+06	0.852
3007.960	6199	0	50870	0.0049	-0.0015	0.0020	6.57E+06	0.859
3008.960	6201	0	51016	0.0049	-0.0015	0.0020	6.43E+06	0.855
3009.960	6201	0	51052	0.0050	-0.0015	0.0020	6.31E+06	0.848
3010.960	6200	0	50943	0.0050	-0.0015	0.0020	6.45E+06	0.869
3011.960	6199	0	50979	0.0050	-0.0015	0.0020	6.48E+06	0.873
3012.960	6200	0	51016	0.0050	-0.0015	0.0020	6.49E+06	0.878
3013.960	6199	0	51088	0.0050	-0.0015	0.0020	6.46E+06	0.880
3014.960	6200	0	51161	0.0050	-0.0015	0.0020	6.46E+06	0.883
3015.960	6200	0	51124	0.0050	-0.0015	0.0020	6.54E+06	0.894
3016.960	6199	0	51124	0.0050	-0.0015	0.0020	6.71E+06	0.917
3017.960	6200	0	51161	0.0050	-0.0015	0.0020	6.67E+06	0.917
3018.960	6200	0	51197	0.0050	-0.0015	0.0020	6.62E+06	0.916
3019.960	6200	0	51233	0.0050	-0.0015	0.0020	6.57E+06	0.917
3020.960	6199	0	51306	0.0050	-0.0015	0.0020	6.46E+06	0.917
3021.960	6199	0	51233	0.0050	-0.0015	0.0020	6.30E+06	0.907
3022.960	6199	0	51342	0.0050	-0.0015	0.0020	6.32E+06	0.915
3023.960	6199	0	51378	0.0050	-0.0015	0.0020	6.27E+06	0.919
3024.960	6200	0	51342	0.0050	-0.0015	0.0020	6.24E+06	0.916
3025.960	6199	0	51342	0.0050	-0.0015	0.0020	6.25E+06	0.921
3026.960	6200	0	51451	0.0050	-0.0015	0.0019	6.27E+06	0.921
3027.960	6201	0	51415	0.0050	-0.0015	0.0020	6.18E+06	0.923
3028.960	6200	0	51487	0.0050	-0.0015	0.0020	6.32E+06	0.938
3029.960	6199	0	51451	0.0050	-0.0015	0.0019	6.27E+06	0.931
3030.960	6201	0	51524	0.0050	-0.0015	0.0019	6.28E+06	0.935
3031.950	6199	0	51560	0.0050	-0.0015	0.0019	6.23E+06	0.930
3032.950	6200	0	51596	0.0050	-0.0016	0.0019	6.20E+06	0.925
3033.950	6199	0	51560	0.0051	-0.0016	0.0020	6.06E+06	0.918
3034.950	6200	0	51596	0.0051	-0.0016	0.0020	6.13E+06	0.929
3035.950	6199	0	51669	0.0051	-0.0016	0.0019	6.17E+06	0.929
3036.950	6199	0	51705	0.0051	-0.0016	0.0019	6.16E+06	0.929
3037.950	6199	0	51705	0.0050	-0.0016	0.0019	6.11E+06	0.930
3038.950	6200	0	51741	0.0051	-0.0016	0.0019	6.00E+06	0.921
3039.950	6200	0	51741	0.0051	-0.0016	0.0019	5.95E+06	0.920
3040.950	6200	0	51814	0.0051	-0.0016	0.0019	5.99E+06	0.930
3041.950	6200	0	51850	0.0051	-0.0016	0.0019	5.98E+06	0.931
3042.950	6200	0	51850	0.0051	-0.0016	0.0019	5.96E+06	0.936
3043.950	6201	0	51850	0.0051	-0.0016	0.0019	5.91E+06	0.939
3044.950	6201	0	51886	0.0051	-0.0016	0.0019	5.93E+06	0.946
3045.950	6199	0	51886	0.0051	-0.0016	0.0019	5.86E+06	0.946
3046.950	6199	0	51886	0.0051	-0.0016	0.0019	5.86E+06	0.955
3047.950	6200	0	51995	0.0051	-0.0016	0.0019	5.81E+06	0.957
3048.950	6199	0	51959	0.0051	-0.0016	0.0019	5.76E+06	0.952
3049.950	6201	0	52032	0.0051	-0.0016	0.0019	5.82E+06	0.965
3050.950	6200	0	52068	0.0051	-0.0016	0.0019	5.65E+06	0.950
3051.950	6199	0	52104	0.0051	-0.0016	0.0019	5.60E+06	0.950
3052.950	6200	0	52068	0.0051	-0.0016	0.0019	5.69E+06	0.971
3053.950	6200	0	52140	0.0051	-0.0016	0.0018	5.59E+06	0.969
3054.950	6199	0	52177	0.0051	-0.0016	0.0019	5.55E+06	0.970
3055.950	6200	0	52177	0.0051	-0.0016	0.0018	5.57E+06	0.985
3056.950	6199	0	52249	0.0051	-0.0017	0.0018	5.48E+06	0.982
3057.950	6200	0	52322	0.0052	-0.0017	0.0018	5.39E+06	0.983
3058.950	6199	0	52213	0.0052	-0.0017	0.0019	5.52E+06	1.007
3059.950	6200	0	52249	0.0052	-0.0017	0.0018	5.44E+06	1.006
3060.950	6199	0	52358	0.0052	-0.0017	0.0018	5.37E+06	1.002
3061.950	6199	0	52431	0.0052	-0.0017	0.0018	5.41E+06	1.012
3062.940	6199	0	52358	0.0052	-0.0017	0.0018	5.32E+06	1.006
3063.940	6199	0	52394	0.0052	-0.0017	0.0018	5.29E+06	1.012
3064.940	6200	0	52394	0.0052	-0.0017	0.0018	5.33E+06	1.025
3065.940	6199	0	52394	0.0052	-0.0017	0.0018	5.31E+06	1.032

3066.940	6200	0	52503	0.0052	-0.0017	0.0018	5.30E+06	1.040
3067.940	6200	0	52503	0.0052	-0.0017	0.0018	5.40E+06	1.061
3068.940	6200	0	52467	0.0052	-0.0017	0.0018	5.30E+06	1.057
3069.940	6199	0	52612	0.0052	-0.0017	0.0018	5.26E+06	1.067
3070.940	6199	0	52540	0.0052	-0.0017	0.0018	5.23E+06	1.074
3071.940	6198	0	52503	0.0052	-0.0017	0.0017	5.12E+06	1.070
3072.940	6199	0	52612	0.0052	-0.0017	0.0018	5.02E+06	1.072
3073.940	6200	0	52648	0.0052	-0.0017	0.0018	5.02E+06	1.080
3074.940	6201	0	52648	0.0052	-0.0017	0.0017	4.89E+06	1.077
3075.940	6199	0	52648	0.0053	-0.0017	0.0018	4.84E+06	1.076
3076.940	6199	0	52757	0.0053	-0.0017	0.0018	4.87E+06	1.090
3077.940	6200	0	52685	0.0052	-0.0018	0.0017	4.86E+06	1.094
3078.940	6200	0	52685	0.0052	-0.0018	0.0017	4.77E+06	1.095
3079.940	6200	0	52757	0.0052	-0.0018	0.0017	4.73E+06	1.101
3080.940	6199	0	52794	0.0053	-0.0018	0.0017	4.64E+06	1.094
3081.940	6200	0	52794	0.0053	-0.0018	0.0017	4.53E+06	1.087
3082.940	6200	0	52757	0.0053	-0.0018	0.0017	4.53E+06	1.099
3083.940	6201	0	52902	0.0052	-0.0018	0.0017	4.50E+06	1.098
3084.940	6199	0	52866	0.0053	-0.0018	0.0017	4.41E+06	1.093
3085.940	6201	0	52939	0.0053	-0.0018	0.0017	4.39E+06	1.103
3086.940	6199	0	52975	0.0053	-0.0018	0.0017	4.38E+06	1.111
3087.940	6200	0	52939	0.0053	-0.0018	0.0017	4.40E+06	1.117
3088.940	6199	0	52975	0.0053	-0.0018	0.0017	4.44E+06	1.136
3089.940	6201	0	53011	0.0053	-0.0018	0.0017	4.39E+06	1.137
3090.940	6202	0	53011	0.0053	-0.0018	0.0016	4.33E+06	1.139
3091.940	6199	0	53011	0.0053	-0.0018	0.0016	4.29E+06	1.156
3092.940	6200	0	53120	0.0053	-0.0018	0.0016	4.19E+06	1.147
3093.930	6201	0	53047	0.0053	-0.0018	0.0017	4.13E+06	1.154
3094.930	6199	0	53047	0.0053	-0.0018	0.0016	4.11E+06	1.172
3095.930	6199	0	53084	0.0053	-0.0018	0.0016	4.10E+06	1.179
3096.930	6201	0	53084	0.0053	-0.0019	0.0016	4.05E+06	1.181
3097.930	6200	0	53084	0.0053	-0.0019	0.0016	4.01E+06	1.203
3098.930	6199	0	53193	0.0053	-0.0019	0.0016	3.94E+06	1.199
3099.930	6201	0	53120	0.0054	-0.0019	0.0016	3.89E+06	1.205
3100.930	6199	0	53229	0.0054	-0.0019	0.0016	3.92E+06	1.232
3101.930	6200	0	53265	0.0053	-0.0019	0.0016	3.88E+06	1.238
3102.930	6200	0	53265	0.0053	-0.0019	0.0016	3.88E+06	1.244
3103.930	6199	0	53229	0.0054	-0.0019	0.0016	3.93E+06	1.280
3104.930	6200	0	53265	0.0054	-0.0019	0.0016	3.87E+06	1.287
3105.930	6199	0	53302	0.0054	-0.0019	0.0016	3.82E+06	1.305
3106.930	6199	0	53302	0.0054	-0.0019	0.0016	3.80E+06	1.315
3107.930	6198	0	53302	0.0054	-0.0019	0.0015	3.65E+06	1.304
3108.930	6200	0	53338	0.0054	-0.0019	0.0015	3.54E+06	1.302
3109.930	6199	0	53374	0.0054	-0.0019	0.0015	3.58E+06	1.328
3110.930	6200	0	53410	0.0054	-0.0019	0.0015	3.44E+06	1.319
3111.930	6200	0	53410	0.0054	-0.0019	0.0015	3.43E+06	1.333
3112.930	6200	0	53447	0.0054	-0.0020	0.0015	3.43E+06	1.353
3113.930	6199	0	53483	0.0054	-0.0020	0.0015	3.34E+06	1.355
3114.930	6199	0	53447	0.0054	-0.0020	0.0015	3.28E+06	1.353
3115.930	6201	0	53447	0.0054	-0.0020	0.0015	3.28E+06	1.369
3116.930	6201	0	53447	0.0054	-0.0020	0.0015	3.24E+06	1.383
3117.930	6201	0	53483	0.0055	-0.0020	0.0015	3.17E+06	1.403
3118.930	6201	0	53483	0.0054	-0.0020	0.0015	3.17E+06	1.425
3119.930	6199	0	53519	0.0054	-0.0020	0.0014	3.08E+06	1.427
3120.930	6199	0	53519	0.0054	-0.0020	0.0014	3.05E+06	1.441
3121.930	6202	0	53555	0.0054	-0.0020	0.0014	3.02E+06	1.463
3122.930	6199	0	53555	0.0054	-0.0020	0.0014	2.91E+06	1.456
3123.930	6199	0	53592	0.0055	-0.0020	0.0014	2.81E+06	1.477
3124.930	6199	0	53555	0.0055	-0.0020	0.0014	2.76E+06	1.495
3125.920	6202	0	53628	0.0054	-0.0020	0.0014	2.65E+06	1.498
3126.920	6200	0	53628	0.0054	-0.0020	0.0014	2.58E+06	1.499
3127.920	6199	0	53664	0.0055	-0.0020	0.0014	2.59E+06	1.539
3128.920	6199	0	53701	0.0055	-0.0021	0.0013	2.54E+06	1.560
3129.920	6201	0	53701	0.0055	-0.0021	0.0013	2.47E+06	1.587
3130.920	6199	0	53628	0.0055	-0.0021	0.0013	2.45E+06	1.603
3131.920	6199	0	53701	0.0055	-0.0021	0.0013	2.34E+06	1.587
3132.920	6200	0	53628	0.0055	-0.0021	0.0013	2.25E+06	1.581
3133.920	6199	0	53701	0.0055	-0.0021	0.0013	2.16E+06	1.590
3134.920	6199	0	53737	0.0055	-0.0021	0.0013	2.03E+06	1.562
3135.920	6199	0	53701	0.0055	-0.0021	0.0013	1.95E+06	1.570
3136.920	6199	0	53737	0.0055	-0.0021	0.0013	1.91E+06	1.581
3137.920	6200	0	53737	0.0055	-0.0021	0.0013	1.86E+06	1.587
3138.920	6199	0	53701	0.0055	-0.0021	0.0013	1.83E+06	1.595
3139.920	6201	0	53773	0.0055	-0.0021	0.0012	1.84E+06	1.613
3140.920	6199	0	53810	0.0055	-0.0021	0.0012	1.73E+06	1.618
3141.920	6200	0	53810	0.0056	-0.0022	0.0012	1.66E+06	1.639

					3142.920	6200	0	53737	0.0055	-0.0022	0.0012	1.57E+06	1.657
					3143.920	6198	0	53773	0.0055	-0.0022	0.0012	1.48E+06	1.656
					3144.920	6199	0	53773	0.0055	-0.0022	0.0012	1.41E+06	1.662
					3145.920	6199	0	53882	0.0055	-0.0022	0.0012	1.33E+06	1.680
					3146.920	6199	0	53846	0.0055	-0.0022	0.0011	1.28E+06	1.703
					3147.920	6200	0	53846	0.0056	-0.0022	0.0012	1.20E+06	1.723
					3148.920	6199	0	53773	0.0056	-0.0022	0.0011	1.11E+06	1.752
					3149.920	6199	0	53810	0.0056	-0.0022	0.0011	1.04E+06	1.756
					3150.920	6199	0	53810	0.0056	-0.0022	0.0011	9.65E+05	1.772
					3151.920	6200	0	53846	0.0056	-0.0022	0.0011	9.05E+05	1.802
					3152.920	6199	0	53846	0.0056	-0.0023	0.0011	8.00E+05	1.811
					3153.920	6199	0	53846	0.0056	-0.0023	0.0011	7.41E+05	1.847
					3154.920	6198	0	53810	0.0056	-0.0023	0.0010	6.91E+05	1.883
					3155.920	6199	0	53955	0.0056	-0.0023	0.0010	6.46E+05	1.899
					3156.910	6202	0	53846	0.0056	-0.0023	0.0010	5.30E+05	1.916
					3157.910	6199	0	53882	0.0056	-0.0023	0.0010	4.68E+05	1.947
					3158.910	6199	0	53882	0.0056	-0.0023	0.0010	3.23E+05	1.928
					3159.910	6199	0	53882	0.0057	-0.0023	0.0010	2.31E+05	1.946
					3160.910	6200	0	53846	0.0056	-0.0023	0.0010	1.52E+05	1.976
					3161.910	6199	0	53918	0.0056	-0.0023	0.0010	8.15E+04	1.968
					3162.910	6201	0	53918	0.0056	-0.0024	0.0009	1.44E+04	1.981
					3163.910	6201	0	53918	0.0056	-0.0024	0.0009	-6.88E+04	2.000
					3164.910	6199	0	53991	0.0057	-0.0024	0.0009	-2.04E+05	1.998
					3165.910	6199	0	53846	0.0057	-0.0024	0.0009	-2.91E+05	2.022
					3166.910	6199	0	53882	0.0057	-0.0024	0.0009	-3.61E+05	2.049
					3167.910	6200	0	53846	0.0057	-0.0024	0.0008	-4.40E+05	2.055
					3168.910	6200	0	53846	0.0057	-0.0024	0.0008	-5.51E+05	2.069
					3169.910	6201	0	53918	0.0057	-0.0024	0.0008	-6.56E+05	2.083
					3170.910	6200	0	53846	0.0057	-0.0024	0.0008	-7.81E+05	2.092
					3171.910	6199	0	53918	0.0057	-0.0025	0.0008	-8.53E+05	2.115
					3172.910	6199	0	53846	0.0057	-0.0025	0.0008	-9.45E+05	2.143
					3173.910	6198	0	53810	0.0057	-0.0025	0.0007	-1.04E+06	2.135
					3174.910	6201	0	53846	0.0057	-0.0025	0.0007	-1.16E+06	2.148
					3175.910	6199	0	53882	0.0057	-0.0025	0.0007	-1.30E+06	2.179
					3176.910	6200	0	53846	0.0057	-0.0025	0.0007	-1.54E+06	2.217
					3177.910	6199	0	53810	0.0057	-0.0025	0.0007	-1.83E+06	2.289
					3178.910	6199	0	53810	0.0057	-0.0025	0.0006	-2.15E+06	2.376
					3179.910	6200	0	53810	0.0057	-0.0026	0.0006	-2.51E+06	2.436
					3180.910	6200	0	53846	0.0057	-0.0026	0.0006	-2.94E+06	2.523
					3181.910	6199	0	53773	0.0057	-0.0026	0.0006	-3.38E+06	2.586
					3182.910	6200	0	53810	0.0057	-0.0026	0.0006	-4.88E+06	2.531
					3183.910	6200	0	53737	0.0058	-0.0026	0.0006	-6.78E+06	2.518
					3184.910	6199	0	53737	0.0058	-0.0026	0.0005	-8.36E+06	2.512
					3185.910	6201	0	53737	0.0058	-0.0026	0.0005	-9.51E+06	2.506
					3186.910	6199	0	53773	0.0058	-0.0027	0.0005	-1.04E+07	2.522
					3187.900	6199	0	53773	0.0058	-0.0027	0.0005	-1.10E+07	2.532
					3188.900	6199	0	53737	0.0058	-0.0027	0.0004	-1.15E+07	2.545
					3189.900	6199	0	53664	0.0058	-0.0027	0.0004	-1.19E+07	2.573
					3190.900	6199	0	53664	0.0058	-0.0027	0.0004	-1.22E+07	2.596
					3191.900	6200	0	53664	0.0058	-0.0027	0.0004	-1.23E+07	2.610
					3192.900	6200	0	53628	0.0058	-0.0027	0.0003	-1.25E+07	2.629
					3193.900	6199	0	53628	0.0058	-0.0027	0.0003	-1.26E+07	2.653
					3194.900	6199	0	53592	0.0058	-0.0028	0.0003	-1.28E+07	2.676
					3195.900	6199	0	53555	0.0058	-0.0028	0.0003	-1.29E+07	2.702
					3196.900	6199	0	53555	0.0058	-0.0028	0.0002	-1.30E+07	2.718
					3197.900	6199	0	53555	0.0058	-0.0028	0.0002	-1.30E+07	2.736
					3198.900	6202	0	53483	0.0059	-0.0028	0.0002	-1.31E+07	2.753
					3199.900	6199	0	53483	0.0059	-0.0029	0.0001	-1.32E+07	2.771
					3200.900	6200	0	53410	0.0059	-0.0029	0.0000	-1.33E+07	2.789
					3201.900	6199	0	53156	0.0059	-0.0030	-0.0002	-1.33E+07	2.804
					3202.900	6200	0	52939	0.0059	-0.0031	-0.0004	-1.34E+07	2.817
					3203.900	6200	0	52830	0.0060	-0.0032	-0.0005	-1.34E+07	2.818
					3204.900	6199	0	52576	0.0060	-0.0033	-0.0006	-1.35E+07	2.841
					3205.900	6201	0	52358	0.0060	-0.0034	-0.0008	-1.36E+07	2.857
					3206.900	6200	0	51995	0.0061	-0.0035	-0.0009	-1.37E+07	2.869
					3207.900	6200	0	49528	0.0062	-0.0036	-0.0010	-1.38E+07	2.881
					3208.900	6199	0	47460	0.0061	-0.0036	-0.0010	-1.39E+07	2.899
					3209.900	6200	0	47024	0.0061	-0.0036	-0.0010	-1.38E+07	2.889
					3210.900	6200	0	47061	0.0061	-0.0036	-0.0010	-1.39E+07	2.906
					3211.900	6201	0	47496	0.0061	-0.0036	-0.0010	-1.41E+07	2.923
					3212.900	6199	0	47968	0.0061	-0.0036	-0.0010	-1.41E+07	2.924
					3213.900	6202	0	48439	0.0061	-0.0036	-0.0010	-1.41E+07	2.927
					3214.900	6200	0	48657	0.0061	-0.0036	-0.0011	-1.41E+07	2.926
					3215.900	6200	0	48875	0.0061	-0.0036	-0.0011	-1.40E+07	2.906
					3216.900	6199	0	49165	0.0061	-0.0036	-0.0011	-1.41E+07	2.920
					3217.900	6201	0	49455	0.0061	-0.0036	-0.0011	-1.42E+07	2.942

					3218.890	6200	0	49746	0.0061	-0.0036	-0.0012	-1.43E+07	2.957
					3219.890	6199	0	49818	0.0061	-0.0036	-0.0012	-1.44E+07	2.963
					3220.890	6199	0	49891	0.0061	-0.0037	-0.0012	-1.44E+07	2.969
					3221.890	6202	0	49855	0.0061	-0.0037	-0.0012	-1.43E+07	2.950
					3222.890	6200	0	49855	0.0061	-0.0037	-0.0012	-1.43E+07	2.955
					3223.890	6199	0	49855	0.0061	-0.0037	-0.0012	-1.41E+07	2.940
					3224.890	6201	0	49855	0.0061	-0.0037	-0.0013	-1.39E+07	2.913
					3225.890	6199	0	49818	0.0061	-0.0037	-0.0013	-1.33E+07	2.858
					3226.890	6200	0	49782	0.0061	-0.0037	-0.0013	-1.26E+07	2.828
					3227.890	6200	0	49746	0.0061	-0.0037	-0.0013	-1.11E+07	2.752
					3228.890	6200	0	49673	0.0061	-0.0037	-0.0013	-9.19E+06	2.762
					3229.890	6200	0	49637	0.0061	-0.0037	-0.0013	-7.26E+06	2.608
					3230.890	6200	0	49637	0.0062	-0.0038	-0.0014	-8.65E+06	2.403
					3231.890	6200	0	49600	0.0062	-0.0038	-0.0014	-1.04E+07	2.260
					3232.890	6199	0	49528	0.0061	-0.0038	-0.0014	-1.16E+07	2.205
					3233.890	6199	0	49492	0.0062	-0.0038	-0.0014	-1.28E+07	2.182
					3234.890	6201	0	49528	0.0062	-0.0038	-0.0014	-1.38E+07	2.169
					3235.890	6199	0	49455	0.0062	-0.0038	-0.0015	-1.46E+07	2.155
					3236.890	6201	0	49455	0.0062	-0.0038	-0.0015	-1.53E+07	2.145
					3237.890	6199	0	49383	0.0062	-0.0038	-0.0015	-1.59E+07	2.126
					3238.890	6199	0	49383	0.0062	-0.0038	-0.0015	-1.63E+07	2.114
					3239.890	6200	0	49383	0.0062	-0.0038	-0.0015	-1.66E+07	2.102
					3240.890	6199	0	49419	0.0062	-0.0039	-0.0015	-1.70E+07	2.098
					3241.890	6201	0	49347	0.0062	-0.0039	-0.0015	-1.72E+07	2.096
					3242.890	6200	0	49274	0.0062	-0.0039	-0.0016	-1.74E+07	2.092
					3243.890	6200	0	49347	0.0062	-0.0039	-0.0016	-1.75E+07	2.086
					3244.890	6200	0	49274	0.0062	-0.0039	-0.0016	-1.75E+07	2.089
					3245.890	6200	0	49238	0.0062	-0.0039	-0.0016	-1.76E+07	2.094
					3246.890	6199	0	49347	0.0062	-0.0039	-0.0016	-1.76E+07	2.097
					3247.890	6199	0	49310	0.0062	-0.0039	-0.0016	-1.76E+07	2.099
					3248.890	6199	0	49310	0.0062	-0.0039	-0.0016	-1.75E+07	2.103
					3249.890	6199	0	49274	0.0062	-0.0039	-0.0017	-1.74E+07	2.104
					3250.880	6199	0	49310	0.0062	-0.0040	-0.0017	-1.73E+07	2.105
					3251.880	6199	0	49274	0.0062	-0.0040	-0.0017	-1.72E+07	2.109
					3252.880	6200	0	49274	0.0062	-0.0040	-0.0017	-1.71E+07	2.110
					3253.880	6199	0	49274	0.0062	-0.0040	-0.0018	-1.69E+07	2.111
					3254.880	6199	0	47242	0.0064	-0.0044	-0.0023	-1.69E+07	2.118
					3255.880	6200	0	44666	0.0065	-0.0044	-0.0023	-1.67E+07	2.122
					3256.880	6199	0	43468	0.0065	-0.0044	-0.0023	-1.66E+07	2.123
					3257.880	6200	0	43360	0.0065	-0.0044	-0.0023	-1.64E+07	2.124
					3258.880	6199	0	43323	0.0065	-0.0044	-0.0024	-1.63E+07	2.135
					3259.880	6200	0	43396	0.0065	-0.0044	-0.0024	-1.62E+07	2.142
					3260.880	6199	0	43468	0.0065	-0.0044	-0.0024	-1.59E+07	2.139
					3261.880	6199	0	43577	0.0065	-0.0044	-0.0024	-1.58E+07	2.145
					3262.880	6199	0	43650	0.0065	-0.0044	-0.0024	-1.56E+07	2.151
					3263.880	6200	0	43795	0.0065	-0.0044	-0.0024	-1.53E+07	2.149
					3264.880	6201	0	43976	0.0065	-0.0044	-0.0024	-1.51E+07	2.154
					3265.880	6200	0	44122	0.0065	-0.0044	-0.0024	-1.47E+07	2.149
					3266.880	6201	0	44267	0.0065	-0.0045	-0.0024	-1.43E+07	2.142
					3267.880	6200	0	44303	0.0065	-0.0045	-0.0024	-1.39E+07	2.141
					3268.880	6199	0	44448	0.0065	-0.0045	-0.0024	-1.35E+07	2.143
					3269.880	6200	0	44666	0.0065	-0.0045	-0.0025	-1.31E+07	2.153
					3270.880	6200	0	44739	0.0065	-0.0045	-0.0025	-1.25E+07	2.152
					3271.880	6201	0	44847	0.0065	-0.0045	-0.0025	-1.19E+07	2.149
					3272.880	6199	0	45029	0.0065	-0.0045	-0.0025	-1.09E+07	2.133
					3273.880	6201	0	45210	0.0065	-0.0045	-0.0025	-9.80E+06	2.117
					3274.880	6199	0	45319	0.0065	-0.0045	-0.0025	-8.48E+06	2.110
					3275.880	6199	0	45428	0.0065	-0.0045	-0.0025	-6.74E+06	2.111
					3276.880	6200	0	45609	0.0065	-0.0045	-0.0025	-4.21E+06	2.070
					3277.880	6199	0	45609	0.0065	-0.0045	-0.0025	-8.88E+05	2.050
					3278.880	6199	0	45791	0.0065	-0.0045	-0.0026	4.42E+06	2.005
					3279.880	6200	0	45936	0.0065	-0.0045	-0.0026	1.43E+07	1.958
					3280.880	6199	0	45972	0.0065	-0.0045	-0.0026	1.54E+07	1.928
					3281.870	6201	0	46008	0.0065	-0.0045	-0.0026	1.46E+07	1.884
					3282.870	6199	0	46153	0.0065	-0.0045	-0.0026	1.38E+07	1.855
					3283.870	6201	0	46190	0.0065	-0.0046	-0.0026	1.29E+07	1.827
					3284.870	6199	0	46190	0.0065	-0.0046	-0.0026	1.18E+07	1.788
					3285.870	6200	0	46335	0.0065	-0.0046	-0.0026	1.09E+07	1.771
					3286.870	6200	0	46335	0.0065	-0.0046	-0.0026	9.84E+06	1.725
					3287.870	6200	0	46371	0.0065	-0.0046	-0.0027	8.87E+06	1.694
					3288.870	6199	0	46444	0.0065	-0.0046	-0.0027	8.06E+06	1.671
					3289.870	6200	0	46444	0.0065	-0.0046	-0.0027	7.27E+06	1.641
					3290.870	6200	0	46480	0.0065	-0.0046	-0.0027	6.58E+06	1.621
					3291.870	6200	0	46516	0.0065	-0.0046	-0.0027	5.97E+06	1.608
					3292.870	6201	0	46553	0.0065	-0.0046	-0.0027	5.33E+06	1.586
					3293.870	6200	0	46516	0.0065	-0.0046	-0.0027	4.75E+06	1.561

3294.870	6201	0	46589	0.0066	-0.0047	-0.0028	4.20E+06	1.541
3295.870	6200	0	46589	0.0066	-0.0047	-0.0027	3.67E+06	1.525
3296.870	6199	0	46480	0.0066	-0.0047	-0.0028	3.13E+06	1.506
3297.870	6200	0	46516	0.0066	-0.0047	-0.0028	2.67E+06	1.484
3298.870	6200	0	46444	0.0066	-0.0047	-0.0028	2.21E+06	1.466
3299.870	6201	0	46516	0.0066	-0.0047	-0.0028	1.83E+06	1.458
3300.870	6200	0	46516	0.0066	-0.0047	-0.0028	1.47E+06	1.440
3301.870	6199	0	46480	0.0066	-0.0047	-0.0028	1.11E+06	1.421
3302.870	6200	0	46444	0.0066	-0.0047	-0.0029	8.28E+05	1.416
3303.870	6199	0	46408	0.0066	-0.0047	-0.0029	5.44E+05	1.405
3304.870	6198	0	46408	0.0066	-0.0047	-0.0029	2.92E+05	1.392
3305.870	6200	0	46371	0.0066	-0.0048	-0.0029	9.19E+04	1.390
3306.870	6200	0	46371	0.0066	-0.0048	-0.0029	-9.75E+04	1.379
3307.870	6199	0	46371	0.0066	-0.0048	-0.0029	-2.86E+05	1.373
3308.870	6200	0	46444	0.0066	-0.0048	-0.0029	-4.37E+05	1.369
3309.870	6200	0	46335	0.0066	-0.0048	-0.0029	-5.82E+05	1.367
3310.870	6201	0	46408	0.0066	-0.0048	-0.0029	-7.06E+05	1.350
3311.860	6201	0	46335	0.0067	-0.0048	-0.0029	-7.63E+05	1.341
3312.860	6200	0	46335	0.0067	-0.0048	-0.0029	-8.22E+05	1.329
3313.860	6199	0	46262	0.0067	-0.0048	-0.0029	-8.86E+05	1.322
3314.860	6201	0	46371	0.0067	-0.0048	-0.0029	-9.25E+05	1.312
3315.860	6199	0	46335	0.0067	-0.0048	-0.0030	-9.49E+05	1.305
3316.860	6199	0	46335	0.0067	-0.0048	-0.0030	-9.41E+05	1.291
3317.860	6200	0	46335	0.0067	-0.0048	-0.0030	-8.55E+05	1.276
3318.860	6200	0	46408	0.0067	-0.0048	-0.0030	-7.73E+05	1.258
3319.860	6199	0	46371	0.0067	-0.0048	-0.0030	-6.99E+05	1.252
3320.860	6199	0	46335	0.0067	-0.0048	-0.0030	-5.81E+05	1.257
3321.860	6199	0	46335	0.0067	-0.0048	-0.0030	-4.37E+05	1.245
3322.860	6200	0	46299	0.0067	-0.0048	-0.0030	-3.64E+05	1.239
3323.860	6200	0	46299	0.0067	-0.0048	-0.0030	-2.49E+05	1.226
3324.860	6200	0	46335	0.0067	-0.0049	-0.0030	-2.05E+05	1.202
3325.860	6199	0	46299	0.0067	-0.0049	-0.0030	-8.31E+04	1.195
3326.860	6200	0	46299	0.0067	-0.0049	-0.0030	4.46E+04	1.186
3327.860	6199	0	46335	0.0067	-0.0049	-0.0030	1.39E+05	1.173
3328.860	6199	0	46371	0.0067	-0.0049	-0.0030	2.19E+05	1.170
3329.860	6200	0	46335	0.0067	-0.0049	-0.0030	2.91E+05	1.175
3330.860	6200	0	46371	0.0067	-0.0049	-0.0030	3.64E+05	1.167
3331.860	6199	0	46371	0.0067	-0.0049	-0.0030	3.91E+05	1.159
3332.860	6200	0	46335	0.0067	-0.0049	-0.0031	4.35E+05	1.153
3333.860	6199	0	46299	0.0067	-0.0049	-0.0031	4.81E+05	1.144
3334.860	6200	0	46335	0.0067	-0.0049	-0.0031	5.77E+05	1.151
3335.860	6199	0	46371	0.0068	-0.0049	-0.0030	6.38E+05	1.141
3336.860	6198	0	46371	0.0068	-0.0049	-0.0031	7.28E+05	1.137
3337.860	6201	0	46371	0.0068	-0.0049	-0.0031	7.60E+05	1.134
3338.860	6201	0	46335	0.0068	-0.0049	-0.0031	7.84E+05	1.118
3339.860	6199	0	46299	0.0068	-0.0049	-0.0031	7.89E+05	1.106
3340.860	6199	0	46335	0.0068	-0.0049	-0.0031	8.48E+05	1.099
3341.860	6200	0	46335	0.0068	-0.0049	-0.0031	8.89E+05	1.098
3342.860	6200	0	46444	0.0068	-0.0049	-0.0031	9.95E+05	1.100
3343.850	6200	0	46371	0.0068	-0.0049	-0.0031	1.06E+06	1.102
3344.850	6200	0	46408	0.0068	-0.0049	-0.0031	1.14E+06	1.093
3345.850	6200	0	46408	0.0068	-0.0050	-0.0031	1.20E+06	1.091
3346.850	6199	0	46444	0.0068	-0.0050	-0.0031	1.27E+06	1.086
3347.850	6199	0	46408	0.0068	-0.0050	-0.0031	1.29E+06	1.079
3348.850	6201	0	46444	0.0068	-0.0050	-0.0031	1.33E+06	1.074
3349.850	6199	0	46371	0.0068	-0.0050	-0.0031	1.33E+06	1.059
3350.850	6199	0	46444	0.0068	-0.0050	-0.0031	1.37E+06	1.071
3351.850	6198	0	46444	0.0068	-0.0050	-0.0031	1.39E+06	1.068
3352.850	6201	0	46444	0.0068	-0.0050	-0.0031	1.39E+06	1.059
3353.850	6200	0	46408	0.0068	-0.0050	-0.0031	1.42E+06	1.061
3354.850	6199	0	46444	0.0068	-0.0050	-0.0032	1.46E+06	1.059
3355.850	6199	0	46444	0.0068	-0.0050	-0.0031	1.51E+06	1.062
3356.850	6199	0	46408	0.0068	-0.0050	-0.0032	1.55E+06	1.061
3357.850	6200	0	46444	0.0068	-0.0050	-0.0032	1.57E+06	1.060
3358.850	6200	0	46444	0.0069	-0.0050	-0.0032	1.58E+06	1.069
3359.850	6200	0	46444	0.0068	-0.0050	-0.0032	1.57E+06	1.075
3360.850	6200	0	46516	0.0069	-0.0050	-0.0032	1.59E+06	1.074
3361.850	6199	0	46480	0.0069	-0.0050	-0.0032	1.58E+06	1.068
3362.850	6199	0	46480	0.0068	-0.0050	-0.0032	1.59E+06	1.071
3363.850	6199	0	46480	0.0069	-0.0050	-0.0032	1.58E+06	1.068
3364.850	6201	0	46516	0.0069	-0.0050	-0.0032	1.59E+06	1.064
3365.850	6200	0	46516	0.0069	-0.0050	-0.0032	1.55E+06	1.059
3366.850	6200	0	46516	0.0069	-0.0050	-0.0032	1.56E+06	1.064
3367.850	6199	0	46625	0.0069	-0.0051	-0.0032	1.55E+06	1.066
3368.850	6200	0	46589	0.0069	-0.0051	-0.0032	1.58E+06	1.068
3369.850	6202	0	46553	0.0069	-0.0051	-0.0032	1.57E+06	1.056

					3370.850	6201	0	46553	0.0069	-0.0051	-0.0032	1.55E+06	1.055
					3371.850	6200	0	46625	0.0069	-0.0051	-0.0032	1.57E+06	1.071
					3372.850	6201	0	46553	0.0069	-0.0051	-0.0032	1.65E+06	1.082
					3373.850	6199	0	46625	0.0069	-0.0051	-0.0032	1.66E+06	1.089
					3374.840	6199	0	46589	0.0069	-0.0051	-0.0032	1.68E+06	1.096
					3375.840	6199	0	46589	0.0069	-0.0051	-0.0033	1.64E+06	1.100
					3376.840	6201	0	46625	0.0069	-0.0051	-0.0033	1.61E+06	1.098
					3377.840	6199	0	46625	0.0069	-0.0051	-0.0033	1.60E+06	1.101
					3378.840	6199	0	46625	0.0069	-0.0051	-0.0033	1.61E+06	1.105
					3379.840	6199	0	46625	0.0069	-0.0051	-0.0033	1.58E+06	1.107
					3380.840	6200	0	46698	0.0069	-0.0051	-0.0033	1.54E+06	1.117
					3381.840	6199	0	46661	0.0070	-0.0051	-0.0033	1.51E+06	1.119
					3382.840	6200	0	46625	0.0069	-0.0051	-0.0033	1.51E+06	1.119
					3383.840	6201	0	46625	0.0070	-0.0051	-0.0033	1.48E+06	1.126
					3384.840	6199	0	46661	0.0070	-0.0051	-0.0033	1.46E+06	1.123
					3385.840	6201	0	46698	0.0070	-0.0051	-0.0033	1.43E+06	1.136
					3386.840	6200	0	46661	0.0070	-0.0051	-0.0033	1.44E+06	1.139
					3387.840	6199	0	46661	0.0070	-0.0052	-0.0033	1.43E+06	1.136
					3388.840	6200	0	46661	0.0070	-0.0052	-0.0033	1.42E+06	1.155
					3389.840	6201	0	46734	0.0070	-0.0052	-0.0033	1.40E+06	1.152
					3390.840	6200	0	46698	0.0070	-0.0052	-0.0033	1.37E+06	1.150
					3391.840	6199	0	46770	0.0070	-0.0052	-0.0034	1.36E+06	1.159
					3392.840	6199	0	46734	0.0070	-0.0052	-0.0034	1.35E+06	1.166
					3393.840	6199	0	46734	0.0070	-0.0052	-0.0034	1.38E+06	1.170
					3394.840	6200	0	46770	0.0070	-0.0052	-0.0034	1.39E+06	1.179
					3395.840	6201	0	46698	0.0070	-0.0052	-0.0034	1.38E+06	1.177
					3396.840	6199	0	46734	0.0070	-0.0052	-0.0034	1.36E+06	1.179
					3397.840	6199	0	46843	0.0070	-0.0052	-0.0034	1.36E+06	1.184
					3398.840	6199	0	46770	0.0070	-0.0052	-0.0034	1.34E+06	1.183
					3399.840	6199	0	46770	0.0070	-0.0052	-0.0034	1.35E+06	1.187
					3400.840	6200	0	46734	0.0070	-0.0052	-0.0034	1.36E+06	1.184
					3401.840	6199	0	46734	0.0071	-0.0052	-0.0034	1.39E+06	1.201
					3402.840	6200	0	46770	0.0070	-0.0052	-0.0034	1.39E+06	1.204
					3403.840	6200	0	46807	0.0071	-0.0052	-0.0034	1.37E+06	1.201
					3404.840	6200	0	46770	0.0070	-0.0052	-0.0034	1.34E+06	1.203
					3405.830	6200	0	46734	0.0071	-0.0053	-0.0034	1.32E+06	1.202
					3406.830	6200	0	46770	0.0071	-0.0053	-0.0034	1.34E+06	1.202
					3407.830	6200	0	46879	0.0071	-0.0053	-0.0035	1.32E+06	1.199
					3408.830	6199	0	46807	0.0071	-0.0053	-0.0035	1.26E+06	1.195
					3409.830	6200	0	46843	0.0071	-0.0053	-0.0035	1.22E+06	1.204
					3410.830	6200	0	46807	0.0071	-0.0053	-0.0035	1.17E+06	1.208
					3411.830	6199	0	46843	0.0071	-0.0053	-0.0035	1.15E+06	1.206
					3412.830	6200	0	46879	0.0071	-0.0053	-0.0035	1.12E+06	1.200
					3413.830	6200	0	46843	0.0071	-0.0053	-0.0035	1.05E+06	1.193
					3414.830	6199	0	46879	0.0071	-0.0053	-0.0035	1.04E+06	1.191
					3415.830	6200	0	46843	0.0071	-0.0053	-0.0035	1.02E+06	1.186
					3416.830	6199	0	46879	0.0071	-0.0053	-0.0035	9.72E+05	1.184
					3417.830	6200	0	46879	0.0071	-0.0053	-0.0035	9.73E+05	1.190
					3418.830	6200	0	46879	0.0071	-0.0053	-0.0035	9.32E+05	1.190
					3419.830	6200	0	46879	0.0071	-0.0053	-0.0035	9.08E+05	1.195
					3420.830	6201	0	46916	0.0071	-0.0053	-0.0035	8.94E+05	1.194
					3421.830	6199	0	46879	0.0071	-0.0053	-0.0035	8.62E+05	1.194
					3422.830	6200	0	46879	0.0071	-0.0053	-0.0036	8.49E+05	1.207
					3423.830	6200	0	46916	0.0072	-0.0054	-0.0036	8.82E+05	1.215
					3424.830	6200	0	46916	0.0071	-0.0054	-0.0036	8.51E+05	1.213
					3425.830	6199	0	46988	0.0072	-0.0054	-0.0036	8.53E+05	1.213
					3426.830	6200	0	46988	0.0072	-0.0054	-0.0036	8.38E+05	1.224
					3427.830	6199	0	46952	0.0072	-0.0054	-0.0036	7.64E+05	1.219
					3428.830	6199	0	46916	0.0072	-0.0054	-0.0036	7.53E+05	1.217
					3429.830	6200	0	46916	0.0072	-0.0054	-0.0036	7.38E+05	1.215
					3430.830	6201	0	46952	0.0072	-0.0054	-0.0036	6.92E+05	1.221
					3431.830	6200	0	46952	0.0072	-0.0054	-0.0036	6.54E+05	1.218
					3432.830	6200	0	46952	0.0072	-0.0054	-0.0036	5.93E+05	1.216
					3433.830	6202	0	46916	0.0072	-0.0054	-0.0036	5.98E+05	1.216
					3434.830	6199	0	46916	0.0072	-0.0054	-0.0037	5.85E+05	1.221
					3435.830	6202	0	46879	0.0072	-0.0054	-0.0037	5.66E+05	1.217
					3436.820	6200	0	46952	0.0072	-0.0054	-0.0037	5.19E+05	1.225
					3437.820	6201	0	46952	0.0072	-0.0054	-0.0037	4.94E+05	1.219
					3438.820	6200	0	46916	0.0072	-0.0055	-0.0037	4.67E+05	1.214
					3439.820	6199	0	47024	0.0072	-0.0055	-0.0037	4.38E+05	1.207
					3440.820	6198	0	46952	0.0072	-0.0055	-0.0037	4.25E+05	1.204
					3441.820	6199	0	46916	0.0072	-0.0055	-0.0037	3.79E+05	1.205
					3442.820	6201	0	46952	0.0072	-0.0055	-0.0037	3.96E+05	1.212
					3443.820	6200	0	46916	0.0073	-0.0055	-0.0037	3.92E+05	1.211
					3444.820	6201	0	46952	0.0073	-0.0055	-0.0037	3.55E+05	1.214
					3445.820	6200	0	46952	0.0072	-0.0055	-0.0037	3.64E+05	1.215



					3446.820	6199	0	46988	0.0073	-0.0055	-0.0037	3.56E+05	1.217
					3447.820	6199	0	46988	0.0073	-0.0055	-0.0038	3.60E+05	1.216
					3448.820	6199	0	46988	0.0073	-0.0055	-0.0037	3.46E+05	1.226
					3449.820	6200	0	46952	0.0073	-0.0055	-0.0037	3.44E+05	1.220
					3450.820	6200	0	47024	0.0073	-0.0055	-0.0038	3.10E+05	1.223
					3451.820	6200	0	47024	0.0073	-0.0055	-0.0038	3.07E+05	1.220
					3452.820	6199	0	46916	0.0073	-0.0055	-0.0038	3.43E+05	1.231
					3453.820	6199	0	47024	0.0073	-0.0055	-0.0038	3.25E+05	1.233
					3454.820	6199	0	46988	0.0073	-0.0055	-0.0038	3.06E+05	1.234
					3455.820	6199	0	46952	0.0073	-0.0056	-0.0038	2.84E+05	1.236
					3456.820	6200	0	47024	0.0073	-0.0056	-0.0038	2.77E+05	1.233
					3457.820	6199	0	46952	0.0073	-0.0056	-0.0038	2.69E+05	1.225
					3458.820	6200	0	46988	0.0073	-0.0056	-0.0038	2.45E+05	1.223
					3459.820	6200	0	47024	0.0073	-0.0056	-0.0038	2.04E+05	1.210
					3460.820	6199	0	46988	0.0073	-0.0056	-0.0038	1.62E+05	1.214
					3461.820	6200	0	46952	0.0073	-0.0056	-0.0039	1.03E+05	1.223
					3462.820	6199	0	46988	0.0074	-0.0056	-0.0038	9.28E+04	1.217
					3463.820	6201	0	46952	0.0074	-0.0056	-0.0039	9.95E+04	1.213
					3464.820	6201	0	46988	0.0074	-0.0056	-0.0039	8.98E+04	1.209
					3465.820	6200	0	46988	0.0074	-0.0056	-0.0039	1.44E+05	1.206
					3466.820	6199	0	46952	0.0074	-0.0056	-0.0039	1.63E+05	1.201
					3467.820	6201	0	47061	0.0074	-0.0056	-0.0039	1.47E+05	1.202
					3468.810	6199	0	47024	0.0074	-0.0056	-0.0039	1.30E+05	1.203
					3469.810	6200	0	46952	0.0074	-0.0056	-0.0039	9.59E+04	1.199
					3470.810	6199	0	47061	0.0074	-0.0056	-0.0039	7.58E+04	1.192
					3471.810	6200	0	46988	0.0074	-0.0057	-0.0039	5.54E+04	1.198
					3472.810	6200	0	47061	0.0074	-0.0057	-0.0039	5.17E+04	1.200
					3473.810	6200	0	47024	0.0074	-0.0057	-0.0039	4.79E+04	1.205
					3474.810	6200	0	47024	0.0074	-0.0057	-0.0039	4.44E+04	1.207
					3475.810	6199	0	46952	0.0074	-0.0057	-0.0039	5.61E+04	1.204
					3476.810	6199	0	46952	0.0074	-0.0057	-0.0039	6.73E+04	1.207
					3477.810	6202	0	47024	0.0074	-0.0057	-0.0040	7.95E+04	1.208
					3478.810	6200	0	46952	0.0074	-0.0057	-0.0040	2.31E+04	1.203
					3479.810	6199	0	46988	0.0074	-0.0057	-0.0040	6.62E+04	1.205
					3480.810	6201	0	46988	0.0074	-0.0057	-0.0040	6.01E+04	1.204
					3481.810	6200	0	46988	0.0074	-0.0057	-0.0040	2.16E+04	1.212
					3482.810	6199	0	46988	0.0074	-0.0057	-0.0040	4.85E+04	1.213
					3483.810	6199	0	46952	0.0074	-0.0057	-0.0040	2.61E+04	1.208
					3484.810	6201	0	46952	0.0075	-0.0057	-0.0040	3.48E+04	1.218
					3485.810	6200	0	46952	0.0075	-0.0057	-0.0040	6.31E+04	1.212
					3486.810	6200	0	46952	0.0075	-0.0057	-0.0040	5.55E+04	1.211
					3487.810	6201	0	46988	0.0075	-0.0057	-0.0040	-4.32E+03	1.222
					3488.810	6202	0	47024	0.0075	-0.0058	-0.0040	-1.06E+04	1.219
					3489.810	6199	0	47024	0.0075	-0.0058	-0.0041	-1.73E+04	1.219
					3490.810	6200	0	47061	0.0075	-0.0058	-0.0040	-2.46E+04	1.213
					3491.810	6201	0	47061	0.0075	-0.0058	-0.0041	-3.23E+04	1.208
					3492.810	6201	0	47024	0.0075	-0.0058	-0.0041	-7.34E+04	1.207
					3493.810	6199	0	46988	0.0075	-0.0058	-0.0041	-6.42E+04	1.206
					3494.810	6199	0	46988	0.0075	-0.0058	-0.0041	-8.53E+04	1.205
					3495.810	6199	0	46988	0.0075	-0.0058	-0.0041	-1.38E+05	1.204
					3496.810	6199	0	46988	0.0075	-0.0058	-0.0041	-1.07E+05	1.205
					3497.810	6199	0	46988	0.0075	-0.0058	-0.0041	-1.26E+05	1.211
					3498.810	6199	0	46988	0.0075	-0.0058	-0.0041	-1.10E+05	1.211
					3499.800	6200	0	46988	0.0075	-0.0058	-0.0041	-1.08E+05	1.227
					3500.800	6199	0	47061	0.0075	-0.0058	-0.0041	-1.05E+05	1.231
					3501.800	6200	0	46988	0.0075	-0.0058	-0.0041	-1.35E+05	1.231
					3502.800	6201	0	46988	0.0075	-0.0058	-0.0041	-1.62E+05	1.229
					3503.800	6201	0	46952	0.0076	-0.0058	-0.0041	-2.06E+05	1.241
					3504.800	6200	0	47061	0.0075	-0.0059	-0.0042	-2.50E+05	1.240
					3505.800	6200	0	46988	0.0076	-0.0059	-0.0042	-2.58E+05	1.239
					3506.800	6201	0	46952	0.0076	-0.0059	-0.0042	-2.67E+05	1.246
					3507.800	6199	0	47024	0.0076	-0.0059	-0.0042	-2.89E+05	1.237
					3508.800	6201	0	46988	0.0076	-0.0059	-0.0042	-3.11E+05	1.239
					3509.800	6199	0	47024	0.0076	-0.0059	-0.0042	-3.66E+05	1.235
					3510.800	6200	0	47024	0.0076	-0.0059	-0.0042	-4.14E+05	1.236
					3511.800	6201	0	46988	0.0076	-0.0059	-0.0042	-4.64E+05	1.237
					3512.800	6199	0	46916	0.0076	-0.0059	-0.0042	-5.16E+05	1.239
					3513.800	6200	0	46988	0.0076	-0.0059	-0.0042	-5.40E+05	1.226
					3514.800	6201	0	47024	0.0076	-0.0059	-0.0042	-5.52E+05	1.228
					3515.800	6201	0	46988	0.0076	-0.0059	-0.0042	-5.49E+05	1.234
					3516.800	6199	0	46988	0.0076	-0.0059	-0.0042	-5.56E+05	1.231
					3517.800	6200	0	46952	0.0076	-0.0059	-0.0042	-5.58E+05	1.226
					3518.800	6199	0	46952	0.0076	-0.0059	-0.0043	-5.60E+05	1.228
					3519.800	6201	0	46916	0.0076	-0.0059	-0.0043	-5.92E+05	1.232
					3520.800	6200	0	46916	0.0076	-0.0060	-0.0043	-6.06E+05	1.237
					3521.800	6199	0	46988	0.0076	-0.0060	-0.0043	-6.28E+05	1.231

					3522.800	6199	0	46952	0.0076	-0.0060	-0.0043	-6.53E+05	1.238
					3523.800	6200	0	46952	0.0077	-0.0060	-0.0043	-6.90E+05	1.239
					3524.800	6199	0	46952	0.0076	-0.0060	-0.0043	-6.87E+05	1.232
					3525.800	6201	0	46952	0.0077	-0.0060	-0.0043	-7.21E+05	1.236
					3526.800	6200	0	46952	0.0077	-0.0060	-0.0043	-6.85E+05	1.236
					3527.800	6199	0	46952	0.0077	-0.0060	-0.0043	-7.15E+05	1.240
					3528.800	6199	0	46843	0.0077	-0.0060	-0.0043	-7.52E+05	1.240
					3529.800	6199	0	46916	0.0077	-0.0060	-0.0043	-7.84E+05	1.241
					3530.790	6199	0	46952	0.0077	-0.0060	-0.0043	-7.81E+05	1.235
					3531.790	6202	0	46952	0.0077	-0.0060	-0.0044	-7.92E+05	1.234
					3532.790	6199	0	46916	0.0077	-0.0060	-0.0044	-8.39E+05	1.243
					3533.790	6201	0	46916	0.0077	-0.0060	-0.0044	-8.41E+05	1.239
					3534.790	6200	0	46879	0.0077	-0.0060	-0.0044	-8.40E+05	1.236
					3535.790	6200	0	46879	0.0077	-0.0061	-0.0044	-8.59E+05	1.246
					3536.790	6201	0	46879	0.0077	-0.0061	-0.0044	-8.24E+05	1.246
					3537.790	6199	0	46879	0.0077	-0.0061	-0.0044	-8.27E+05	1.242
					3538.790	6199	0	46879	0.0077	-0.0061	-0.0044	-8.77E+05	1.242
					3539.790	6200	0	46879	0.0077	-0.0061	-0.0044	-8.78E+05	1.244
					3540.790	6199	0	46916	0.0077	-0.0061	-0.0044	-8.62E+05	1.245
					3541.790	6199	0	46843	0.0077	-0.0061	-0.0044	-8.58E+05	1.244
					3542.790	6199	0	46843	0.0078	-0.0061	-0.0044	-8.50E+05	1.240
					3543.790	6199	0	46879	0.0078	-0.0061	-0.0045	-8.58E+05	1.237
					3544.790	6200	0	46843	0.0078	-0.0061	-0.0045	-8.63E+05	1.232
					3545.790	6200	0	46879	0.0078	-0.0061	-0.0045	-8.93E+05	1.233
					3546.790	6200	0	46843	0.0078	-0.0061	-0.0045	-9.19E+05	1.229
					3547.790	6200	0	46843	0.0078	-0.0061	-0.0045	-9.02E+05	1.223
					3548.790	6199	0	46807	0.0078	-0.0061	-0.0045	-9.05E+05	1.221
					3549.790	6199	0	46879	0.0078	-0.0061	-0.0045	-9.03E+05	1.216
					3550.790	6199	0	46807	0.0078	-0.0061	-0.0045	-9.09E+05	1.228
					3551.790	6199	0	46879	0.0078	-0.0062	-0.0045	-9.09E+05	1.236
					3552.790	6201	0	46807	0.0078	-0.0062	-0.0045	-8.97E+05	1.235
					3553.790	6200	0	46770	0.0078	-0.0062	-0.0045	-8.81E+05	1.237
					3554.790	6201	0	46807	0.0078	-0.0062	-0.0046	-9.68E+05	1.244
					3555.790	6201	0	46770	0.0078	-0.0062	-0.0045	-9.79E+05	1.237
					3556.790	6199	0	46807	0.0078	-0.0062	-0.0046	-9.50E+05	1.229
					3557.790	6200	0	46770	0.0078	-0.0062	-0.0046	-9.22E+05	1.246
					3558.790	6200	0	46770	0.0078	-0.0062	-0.0046	-9.08E+05	1.234
					3559.790	6199	0	46807	0.0078	-0.0062	-0.0046	-8.97E+05	1.237
					3560.790	6199	0	46734	0.0078	-0.0062	-0.0046	-9.10E+05	1.221
					3561.790	6201	0	46843	0.0078	-0.0062	-0.0046	-9.51E+05	1.236
					3562.780	6201	0	46770	0.0079	-0.0062	-0.0046	-9.87E+05	1.245
					3563.780	6199	0	46734	0.0079	-0.0062	-0.0046	-9.99E+05	1.235
					3564.780	6199	0	46770	0.0079	-0.0062	-0.0046	-9.89E+05	1.209