

| 24BA037 (Stage 1) | | | | | | | | | 24BA037 (Stage 2) | | | | | | | | | 24BA037 (Stage 3) | | | | | | | | | 24BA037 (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] | [-] |
| 4235.000 | 1200 | 0 | 0 | 0.0000 | 0.0000 | 0.0000 | | | 820.391 | 2202 | 0 | 0 | 0.0000 | 0.0000 | 0.0000 | | | 1726.910 | 4202 | 0 | 0 | 0.0000 | 0.0000 | 0.0000 | | | 923.218 | 6201 | 0 | 0 | 0.0000 | 0.0000 | 0.0000 | | |
| 4236.000 | 1200 | 0 | 35 | 0.0000 | 0.0000 | 0.0000 | | | 821.391 | 2201 | 0 | 35 | 0.0000 | 0.0000 | 0.0000 | | | 1727.870 | 4201 | 0 | 35 | 0.0000 | 0.0000 | 0.0000 | | | 924.218 | 6199 | 0 | 0 | 0.0000 | 0.0000 | 0.0000 | | |
| 4237.000 | 1201 | 0 | 35 | 0.0000 | 0.0000 | 0.0000 | | | 822.391 | 2201 | 0 | 0 | 0.0000 | 0.0000 | 0.0000 | | | 1728.870 | 4202 | 0 | -35 | 0.0001 | 0.0000 | 0.0000 | | | 925.217 | 6199 | 0 | 70 | 0.0000 | 0.0000 | 0.0000 | | |
| 4238.000 | 1201 | 0 | 70 | 0.0000 | 0.0000 | 0.0000 | | | 823.390 | 2201 | 0 | 70 | 0.0000 | 0.0000 | 0.0000 | | | 1729.870 | 4203 | 0 | 70 | 0.0000 | 0.0000 | 0.0000 | | | 926.217 | 6199 | 0 | 35 | 0.0000 | 0.0000 | 0.0000 | | |
| 4239.000 | 1200 | 0 | 70 | 0.0000 | 0.0000 | 0.0000 | | | 824.390 | 2201 | 0 | 0 | 0.0000 | 0.0000 | 0.0000 | | | 1730.870 | 4200 | 0 | 35 | 0.0000 | 0.0000 | 0.0000 | | | 927.217 | 6200 | 0 | -35 | 0.0000 | 0.0000 | 0.0000 | | |
| 4240.000 | 1201 | 0 | 70 | 0.0000 | 0.0000 | 0.0000 | | | 825.390 | 2200 | 0 | 70 | 0.0000 | 0.0000 | 0.0000 | | | 1731.870 | 4201 | 0 | 105 | 0.0000 | 0.0000 | 0.0000 | | | 928.216 | 6201 | 0 | 0 | 0.0000 | 0.0000 | 0.0000 | | |
| 4241.000 | 1200 | 0 | 35 | 0.0000 | 0.0000 | 0.0000 | | | 826.389 | 2201 | 0 | 0 | 0.0000 | 0.0000 | 0.0000 | | | 1732.870 | 4199 | 0 | 105 | 0.0000 | 0.0000 | 0.0000 | | | 929.216 | 6199 | 0 | 0 | 0.0000 | 0.0000 | 0.0000 | | |
| 4242.000 | 1200 | 0 | 70 | 0.0000 | 0.0000 | 0.0000 | | | 827.389 | 2201 | 0 | 70 | 0.0000 | 0.0000 | 0.0000 | | | 1733.870 | 4200 | 0 | 105 | 0.0000 | 0.0000 | 0.0000 | | | 930.216 | 6200 | 0 | 35 | 0.0000 | 0.0000 | 0.0000 | | |
| 4243.000 | 1201 | 0 | 70 | 0.0000 | 0.0000 | 0.0000 | | | 828.389 | 2201 | 0 | 35 | 0.0000 | 0.0000 | 0.0000 | | | 1734.870 | 4201 | 0 | 70 | 0.0000 | 0.0000 | 0.0000 | | | 931.215 | 6199 | 0 | 35 | 0.0000 | 0.0000 | 0.0000 | | |
| 4244.000 | 1200 | 0 | 35 | 0.0000 | 0.0000 | 0.0000 | | | 829.388 | 2201 | 0 | 70 | 0.0000 | 0.0000 | 0.0000 | | | 1735.870 | 4200 | 0 | 140 | 0.0000 | 0.0000 | 0.0000 | | | 932.215 | 6199 | 0 | 0 | 0.0000 | 0.0000 | 0.0000 | | |
| 4245.000 | 1200 | 0 | 105 | 0.0000 | 0.0000 | 0.0000 | | | 830.388 | 2201 | 0 | 70 | 0.0000 | 0.0000 | 0.0000 | | | 1736.870 | 4202 | 0 | 70 | 0.0000 | 0.0000 | 0.0000 | | | 933.215 | 6199 | 0 | 35 | 0.0000 | 0.0000 | 0.0000 | | |
| 4246.000 | 1202 | 0 | 105 | 0.0000 | 0.0000 | 0.0000 | | | 831.388 | 2200 | 0 | 35 | 0.0000 | 0.0000 | 0.0000 | | | 1737.860 | 4201 | 0 | 105 | 0.0000 | 0.0000 | 0.0000 | | | 934.214 | 6200 | 0 | 35 | 0.0000 | 0.0000 | 0.0000 | | |
| 4247.000 | 1201 | 0 | 140 | 0.0000 | 0.0000 | 0.0000 | | | 832.387 | 2201 | 0 | 35 | 0.0000 | 0.0000 | 0.0000 | | | 1738.860 | 4202 | 0 | 176 | 0.0000 | 0.0000 | 0.0000 | | | 935.214 | 6201 | 0 | 35 | 0.0000 | 0.0000 | 0.0000 | | |
| 4248.000 | 1199 | 0 | 140 | 0.0000 | 0.0000 | 0.0000 | | | 833.387 | 2202 | 0 | 0 | 0.0000 | 0.0000 | 0.0000 | | | 1739.860 | 4200 | 0 | 176 | 0.0000 | 0.0000 | 0.0000 | | | 936.214 | 6199 | 0 | 0 | 0.0000 | 0.0000 | 0.0000 | | |
| 4249.000 | 1201 | 0 | 140 | 0.0000 | 0.0000 | 0.0000 | | | 834.387 | 2201 | 0 | 70 | 0.0000 | 0.0000 | 0.0000 | | | 1740.860 | 4202 | 0 | 211 | 0.0000 | 0.0000 | 0.0000 | | | 937.214 | 6201 | 0 | 70 | 0.0000 | 0.0000 | 0.0000 | | |
| 4250.000 | 1201 | 0 | 105 | 0.0000 | 0.0000 | 0.0000 | | | 835.386 | 2201 | 0 | 105 | 0.0000 | 0.0000 | 0.0000 | | | 1741.860 | 4201 | 0 | 176 | 0.0000 | 0.0000 | 0.0000 | | | 938.213 | 6200 | 0 | 35 | 0.0000 | 0.0000 | 0.0000 | | |
| 4251.000 | 1201 | 0 | 140 | 0.0000 | 0.0000 | 0.0000 | | | 836.386 | 2201 | 0 | 35 | 0.0000 | 0.0000 | 0.0000 | | | 1742.860 | 4203 | 0 | 246 | 0.0000 | 0.0000 | 0.0000 | | | 939.213 | 6199 | 0 | 35 | 0.0000 | 0.0000 | 0.0000 | | |
| 4252.000 | 1201 | 0 | 140 | 0.0000 | 0.0000 | 0.0000 | | | 837.386 | 2201 | 0 | 35 | 0.0000 | 0.0000 | 0.0000 | | | 1743.860 | 4200 | 0 | 386 | 0.0000 | 0.0000 | 0.0000 | | | 940.213 | 6200 | 0 | 0 | 0.0000 | 0.0000 | 0.0000 | | |
| 4253.000 | 1201 | 0 | 140 | 0.0000 | 0.0000 | 0.0000 | | | 838.385 | 2200 | 0 | 70 | 0.0000 | 0.0000 | 0.0000 | | | 1744.860 | 4200 | 0 | 737 | 0.0001 | 0.0000 | 0.0001 | | | 940.391 | 6202 | 0 | 70 | 0.0000 | 0.0000 | 0.0000 | | |
| 4254.000 | 1203 | 0 | 176 | 0.0000 | 0.0000 | 0.0000 | | | 839.385 | 2201 | 0 | 0 | 0.0000 | 0.0000 | 0.0000 | | | 1745.860 | 4201 | 0 | 983 | 0.0001 | 0.0000 | 0.0001 | | | 941.391 | 6201 | 0 | 35 | 0.0000 | 0.0000 | 0.0000 | | |
| 4255.000 | 1202 | 0 | 176 | 0.0000 | 0.0000 | 0.0000 | | | 840.385 | 2201 | 0 | 105 | 0.0000 | 0.0000 | 0.0000 | | | 1746.860 | 4201 | 0 | 983 | 0.0001 | 0.0000 | 0.0001 | | | 942.390 | 6200 | 0 | 246 | 0.0000 | 0.0000 | 0.0000 | | |
| 4255.990 | 1199 | 0 | 176 | 0.0000 | 0.0000 | 0.0000 | | | 841.385 | 2200 | 0 | 70 | 0.0000 | 0.0000 | 0.0000 | | | 1747.860 | 4199 | 0 | 983 | 0.0001 | 0.0000 | 0.0001 | | | 943.390 | 6200 | 0 | 807 | -0.0001 | 0.0000 | -0.0001 | | |
| 4256.990 | 1200 | 0 | 176 | 0.0000 | 0.0000 | 0.0000 | | | 842.384 | 2201 | 0 | 105 | 0.0000 | 0.0000 | 0.0000 | | | 1748.860 | 4200 | 0 | 1088 | 0.0001 | 0.0000 | 0.0001 | | | 944.390 | 6199 | 0 | 1334 | -0.0001 | 0.0000 | -0.0001 | | |
| 4257.990 | 1202 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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|----------|------|---|------|--------|--------|--------|----------|-------|---------|------|---|------|--------|--------|--------|----------|-------|----------|------|---|------|--------|---------|--------|----------|-------|----------|------|---|------|--------|---------|--------|----------|-------|
| 4309.400 | 1201 | 0 | 1264 | 0.0001 | 0.0000 | 0.0001 | 6.98E+06 | 0.089 | 895.367 | 2201 | 0 | 211 | 0.0000 | 0.0000 | 0.0000 | 6.91E+06 | 0.050 | 1801.840 | 4202 | 0 | 3159 | 0.0003 | 0.0000 | 0.0002 | 9.75E+06 | 0.202 | 997.373 | 6200 | 0 | 3510 | 0.0002 | -0.0001 | 0.0001 | 9.69E+06 | 0.208 |
| 4310.400 | 1201 | 0 | 1264 | 0.0002 | 0.0000 | 0.0001 | 7.07E+06 | 0.090 | 896.367 | 2202 | 0 | 176 | 0.0000 | 0.0000 | 0.0000 | 7.58E+06 | 0.055 | 1802.840 | 4202 | 0 | 3194 | 0.0003 | 0.0000 | 0.0002 | 9.64E+06 | 0.201 | 998.372 | 6200 | 0 | 3651 | 0.0002 | -0.0001 | 0.0001 | 9.71E+06 | 0.206 |
| 4311.400 | 1201 | 0 | 1264 | 0.0001 | 0.0000 | 0.0001 | 7.10E+06 | 0.091 | 897.367 | 2200 | 0 | 211 | 0.0000 | 0.0000 | 0.0000 | 8.13E+06 | 0.059 | 1803.840 | 4199 | 0 | 3265 | 0.0003 | 0.0000 | 0.0002 | 9.62E+06 | 0.200 | 999.372 | 6200 | 0 | 3721 | 0.0002 | -0.0001 | 0.0001 | 9.70E+06 | 0.206 |
| 4312.400 | 1201 | 0 | 1334 | 0.0002 | 0.0000 | 0.0001 | 7.11E+06 | 0.092 | 898.366 | 2201 | 0 | 246 | 0.0000 | 0.0000 | 0.0000 | 8.36E+06 | 0.051 | 1804.840 | 4200 | 0 | 3335 | 0.0003 | 0.0000 | 0.0002 | 9.53E+06 | 0.198 | 1000.370 | 6202 | 0 | 3756 | 0.0002 | -0.0001 | 0.0001 | 9.70E+06 | 0.206 |
| 4313.400 | 1201 | 0 | 1299 | 0.0002 | 0.0000 | 0.0001 | 7.09E+06 | 0.097 | 899.366 | 2201 | 0 | 246 | 0.0000 | 0.0000 | 0.0000 | 8.68E+06 | 0.056 | 1805.840 | 4200 | 0 | 3370 | 0.0004 | -0.0001 | 0.0003 | 9.51E+06 | 0.199 | 1001.370 | 6199 | 0 | 3616 | 0.0002 | -0.0001 | 0.0001 | 9.53E+06 | 0.205 |
| 4314.400 | 1201 | 0 | 1334 | 0.0002 | 0.0000 | 0.0002 | 7.09E+06 | 0.099 | 900.366 | 2203 | 0 | 211 | 0.0000 | 0.0000 | 0.0000 | 8.55E+06 | 0.057 | 1806.840 | 4199 | 0 | 3300 | 0.0004 | -0.0001 | 0.0003 | 9.60E+06 | 0.200 | 1002.370 | 6199 | 0 | 3545 | 0.0002 | -0.0001 | 0.0001 | 9.57E+06 | 0.207 |
| 4315.400 | 1201 | 0 | 1404 | 0.0002 | 0.0000 | 0.0002 | 7.08E+06 | 0.099 | 901.365 | 2201 | 0 | 246 | 0.0000 | 0.0000 | 0.0000 | 8.39E+06 | 0.057 | 1807.840 | 4201 | 0 | 3510 | 0.0003 | 0.0000 | 0.0002 | 9.61E+06 | 0.200 | 1003.370 | 6201 | 0 | 3756 | 0.0002 | -0.0001 | 0.0001 | 9.58E+06 | 0.209 |
| 4316.400 | 1202 | 0 | 1439 | 0.0002 | 0.0000 | 0.0001 | 7.02E+06 | 0.101 | 902.365 | 2201 | 0 | 246 | 0.0000 | 0.0000 | 0.0000 | 8.39E+06 | 0.059 | 1808.840 | 4200 | 0 | 3475 | 0.0003 | -0.0001 | 0.0002 | 9.55E+06 | 0.200 | 1004.370 | 6200 | 0 | 3861 | 0.0002 | -0.0001 | 0.0001 | 9.65E+06 | 0.208 |
| 4317.400 | 1199 | 0 | 1509 | 0.0002 | 0.0000 | 0.0001 | 7.02E+06 | 0.102 | 903.365 | 2201 | 0 | 211 | 0.0000 | 0.0000 | 0.0000 | 8.24E+06 | 0.053 | 1809.840 | 4200 | 0 | 3475 | 0.0004 | -0.0001 | 0.0003 | 9.62E+06 | 0.199 | 1005.370 | 6201 | 0 | 3932 | 0.0002 | -0.0001 | 0.0001 | 9.67E+06 | 0.207 |
| 4318.400 | 1200 | 0 | 1474 | 0.0002 | 0.0000 | 0.0002 | 7.01E+06 | 0.105 | 904.364 | 2200 | 0 | 246 | 0.0000 | 0.0000 | 0.0000 | 8.29E+06 | 0.053 | 1810.840 | 4202 | 0 | 3510 | 0.0004 | -0.0001 | 0.0003 | 9.54E+06 | 0.198 | 1006.370 | 6199 | 0 | 3967 | 0.0002 | -0.0001 | 0.0001 | 9.66E+06 | 0.206 |
| 4319.400 | 1202 | 0 | 1439 | 0.0002 | 0.0000 | 0.0002 | 7.02E+06 | 0.107 | 904.605 | 2201 | 0 | 281 | 0.0000 | 0.0000 | 0.0000 | 8.20E+06 | 0.051 | 1811.840 | 4199 | 0 | 3545 | 0.0004 | -0.0001 | 0.0003 | 9.51E+06 | 0.198 | 1007.370 | 6201 | 0 | 3791 | 0.0002 | -0.0001 | 0.0001 | 9.72E+06 | 0.206 |
| 4320.390 | 1202 | 0 | 1509 | 0.0002 | 0.0000 | 0.0002 | 7.06E+06 | 0.108 | 905.604 | 2200 | 0 | 246 | 0.0001 | 0.0000 | 0.0000 | 8.15E+06 | 0.052 | 1812.840 | 4201 | 0 | 3616 | 0.0004 | -0.0001 | 0.0003 | 9.68E+06 | 0.199 | 1008.370 | 6199 | 0 | 3791 | 0.0002 | -0.0001 | 0.0001 | 9.68E+06 | 0.205 |
| 4321.390 | 1201 | 0 | 1545 | 0.0002 | 0.0000 | 0.0002 | 7.15E+06 | 0.110 | 906.604 | 2201 | 0 | 316 | 0.0000 | 0.0000 | 0.0000 | 8.25E+06 | 0.052 | 1813.840 | 4200 | 0 | 3686 | 0.0004 | -0.0001 | 0.0003 | 9.65E+06 | 0.198 | 1009.370 | 6200 | 0 | 4002 | 0.0002 | -0.0001 | 0.0001 | 9.66E+06 | 0.206 |
| 4322.390 | 1202 | 0 | 1580 | 0.0002 | 0.0000 | 0.0002 | 7.17E+06 | 0.113 | 907.604 | 2201 | 0 | 281 | 0.0000 | 0.0000 | 0.0000 | 8.20E+06 | 0.051 | 1814.840 | 4199 | 0 | 3686 | 0.0004 | -0.0001 | 0.0003 | 9.67E+06 | 0.198 | 1010.370 | 6199 | 0 | 4107 | 0.0002 | -0.0001 | 0.0001 | 9.67E+06 | 0.207 |
| 4323.390 | 1201 | 0 | 1580 | 0.0002 | 0.0000 | 0.0002 | 7.18E+06 | 0.115 | 908.603 | 2201 | 0 | 246 | 0.0000 | 0.0000 | 0.0000 | 8.15E+06 | 0.051 | 1815.840 | 4203 | 0 | 3721 | 0.0004 | -0.0001 | 0.0003 | 9.72E+06 | 0.199 | 1011.370 | 6200 | 0 | 4177 | 0.0002 | -0.0001 | 0.0001 | 9.72E+06 | 0.207 |
| 4324.390 | 1200 | 0 | 1650 | 0.0002 | 0.0000 | 0.0002 | 7.19E+06 | 0.115 | 909.603 | 2202 | 0 | 281 | 0.0001 | 0.0000 | 0.0001 | 8.23E+06 | 0.052 | 1816.840 | 4202 | 0 | 3756 | 0.0004 | -0.0001 | 0.0003 | 9.66E+06 | 0.200 | 1012.370 | 6201 | 0 | 4142 | 0.0002 | -0.0001 | 0.0001 | 9.82E+06 | 0.210 |
| 4325.390 | 1200 | 0 | 1685 | 0.0002 | 0.0000 | 0.0002 | 7.18E+06 | 0.117 | 910.603 | 2200 | 0 | 316 | 0.0000 | 0.0000 | 0.0000 | 8.24E+06 | 0.053 | 1817.840 | 4201 | 0 | 3826 | 0.0004 | -0.0001 | 0.0003 | 9.70E+06 | 0.201 | 1013.370 | 6201 | 0 | 4072 | 0.0002 | -0.0001 | 0.0001 | 9.77E+06 | 0.212 |
| 4326.390 | 1201 | 0 | 1755 | 0.0002 | 0.0000 | 0.0002 | 7.18E+06 | 0.117 | 911.602 | 2200 | 0 | 281 | 0.0000 | 0.0000 | 0.0000 | 8.28E+06 | 0.052 | 1818.840 | 4201 | 0 | 3826 | 0.0004 | -0.0001 | 0.0003 | 9.85E+06 | 0.203 | 1014.370 | 6199 | 0 | 4072 | 0.0002 | -0.0001 | 0.0001 | 9.79E+06 | 0.213 |
| 4327.390 | 1202 | 0 | 1825 | 0.0002 | 0.0000 | 0.0002 | 7.24E+06 | 0.121 | 912.602 | 2201 | 0 | 281 | 0.0001 | 0.0000 | 0.0001 | 8.23E+06 | 0.052 | 1819.840 | 4201 | 0 | 3861 | 0.0004 | -0.0001 | 0.0003 | 9.72E+06 | 0.202 | 1015.370 | 6199 | 0 | 4247 | 0.0002 | -0.0001 | 0.0001 | 9.72E+06 | 0.213 |
| 4328.390 | 1203 | 0 | 1755 | 0.0002 | 0.0000 | 0.0002 | 7.31E+06 | 0.124 | 913.602 | 2201 | 0 | 281 | 0.0001 | 0.0000 | 0.0001 | 8.26E+06 | 0.052 | 1820.840 | 4203 | 0 | 3897 | 0.0004 | -0.0001 | 0.0003 | 9.71E+06 | 0.202 | 1016.370 | 6200 | 0 | 4318 | 0.0002 | -0.0001 | 0.0001 | 9.79E+06 | 0.215 |
| 4329.390 | 1201 | 0 | 1825 | 0.0002 | 0.0000 | 0.0002 | 7.33E+06 | 0.126 | 914.602 | 2202 | 0 | 351 | 0.0001 | 0.0000 | 0.0001 | 8.27E+06 | 0.053 | 1821.840 | 4204 | 0 | 3897 | 0.0004 | -0.0001 | 0.0003 | 9.80E+06 | 0.203 | 1017.370 | 6201 | 0 | 4318 | 0.0002 | -0.0001 | 0.0001 | 9.80E+06 | 0.219 |
| 4330.390 | 1200 | 0 | 1896 | 0.0002 | 0.0000 | 0.0002 | 7.30E+06 | 0.127 | 915.601 | 2200 | 0 | 316 | 0.0001 | 0.0000 | 0.0001 | 8.23E+06 | 0.054 | 1822.840 | 4200 | 0 | 4002 | 0.0004 | -0.0001 | 0.0003 | 9.75E+06 | 0.202 | 1018.370 | 6200 | 0 | 4353 | 0.0003 | -0.0001 | 0.0001 | 9.85E+06 | 0.222 |
| 4331.390 | 1203 | 0 | 1896 | 0.0002 | 0.0000 | 0.0002 | 7.27E+06 | 0.126 | 916.601 | 2201 | 0 | 421 | 0.0001 | 0.0000 | 0.0001 | 8.22E+06 | 0.053 | 1823.840 | 4200 | 0 | 4037 | 0.0004 | -0.0001 | 0.0003 | 9.76E+06 | 0.203 | 1019.370 | 6200 | 0 | 4247 | 0.0003 | -0.0001 | 0.0001 | 9.88E+06 | 0.224 |
| 4332.390 | 1201 | 0 | 1931 | 0.0003 | 0.0000 | 0.0002 | 7.41E+06 | 0.128 | 917.601 | 2201 | 0 | 562 | 0.0001 | 0.0000 | 0.0001 | 8.23E+06 | 0.054 | 1824.840 | 4203 | 0 | 4072 | 0.0004 | -0.0001 | 0.0003 | 9.84E+06 | 0.205 | 1020.370 | 6199 | 0 | 4318 | 0.0003 | -0.0001 | 0.0001 | 9.96E+06 | 0.227 |
| 4333.390 | 1201 | 0 | 1966 | 0.0002 | 0.0000 | 0.0002 | 7.44E+06 | 0.129 | 918.600 | 2201 | 0 | 667 | 0.0001 | 0.0000 | 0.0001 | 8.27E+06 | 0.054 | 1825.840 | 4203 | 0 | 4107 | 0.0004 | -0.0001 | 0.0003 | 9.78E+06 | 0.203 | 1021.360 | 6199 | 0 | 4458 | 0.0002 | -0.0001 | 0.0001 | 9.99E+06 | 0.228 |
| 4334.390 | 1202 | 0 | 2001 | 0.0002 | 0.0000 | 0.0002 | 7.45E+06 | 0.129 | 919.600 | 2201 | 0 | 702 | 0.0001 | 0.0000 | 0.0001 | 8.20E+06 | 0.057 | 1826.840 | 4201 | 0 | 4072 | 0.0004 | -0.0001 | 0.0003 | 9.63E+06 | 0.202 | 1022.360 | 6199 | 0 | 4528 | 0.0003 | -0.0001 | 0.0001 | 1.00E+07 | 0.229 |
| 4335.390 | 1199 | 0 | 2036 | 0.0002 | 0.0000 | 0.0002 | 7.54E+06 | 0.131 | 920.600 | 2201 | 0 | 842 | 0.0001 | 0.0000 | 0.0001 | 8.19E+06 | 0.058 | 1827.840 | 4201 | 0 | 4177 | 0.0004 | -0.0001 | 0.0003 | 9.66E+06 | 0.200 | 1023.360 | 6199 | 0 | 4598 | 0.0003 | -0.0001 | 0.0001 | 1.00E+07 | 0.228 |
| 4336.390 | 1201 | 0 | 2106 | 0.0003 | 0.0000 | 0.0002 | 7.53E+06 | 0.131 | 921.599 | 2201 | 0 | 878 | 0.0001 | 0.0000 | 0.0001 | 8.15E+06 | 0.059 | 1828.840 | 4201 | 0 | 4212 | 0.0004 | -0.0001 | 0.0003 | 9.50E+06 | 0.201 | 1024.360 | 6201 | 0 | 4669 | 0.0003 | -0.0001 | 0.0001 | 1.00E+07 | 0.231 |
| 4337.390 | 1201 | 0 | 2106 | 0.0003 | 0.0000 | 0.0002 | 7.56E+06 | 0.131 | 922.599 | 2201 | 0 | 983 | 0.0001 | 0.0000 | 0.0001 | 8.14E+06 | 0.060 | 1829.840 | 4198 | 0 | 4212 | 0.0005 | -0.0001 | 0.0003 | 9.55E+06 | 0.201 | 1025.360 | 6201 | 0 | 4528 | 0.0003 | -0.0001 | 0.0001 | 9.95E+06 | 0.234 |
| 4338.390 | 1201 | 0 | 2176 | 0.0003 | 0.0000 | 0.0002 | 7.57E+06 | 0.131 | 923.599 | 2201 | 0 | 1018 | 0.0001 | 0.0000 | 0.0001 | 8.20E+06 | 0.061 | 1830.830 | 4201 | 0 | 4283 | 0.0004 | -0.0001 | 0.0003 | 9.65E+06 | 0.203 | 1026.360 | 6200 | 0 | 4423 | 0.0003 | -0.0001 | 0.0001 | 9.98E+06 | 0.236 |
| 4339.390 | 1201 | 0 | 2212 | 0.0003 | 0.0000 | 0.0002 | 7.60E+06 | 0.132 | 924.598 | 2201 | 0 | 1018 | 0.0001 | 0.0000 | 0.0001 | 8.16E+06 | 0.062 | 1831.830 | 4201 | 0 | 4318 | 0.0004 | -0.0001 | 0.0003 | 9.57E+06 | 0.203 | 1027.360 | 6199 | 0 | 4669 | 0.0003 | -0.0001 | 0.0001 | 9.91E+06 | 0.235 |
| 4340.390 | 1200 | 0 | 2212 | 0.0003 | 0.0000 | 0.0002 | 7.48E+06 | 0.133 | 925.598 | 2202 | 0 | 1088 | 0.0002 | 0.0000 | 0.0001 | 8.08E+06 | 0.064 | 1832.830 | 4201 | 0 | 4388 | 0.0004 | -0.0001 | 0.0003 | 9.50E+06 | 0.203 | 1028.360 | 6200 | 0 | 4809 | 0.0003 | -0.0001 | 0.0001 | 9.92E+06 | 0.234 |
| 4341.390 | 1202 | 0 | 2212 | 0.0003 | 0.0000 | 0.0002 | 7.52E+06 | 0.132 | 926.598 | 2201 | 0 | 1088 | 0.0001 | 0.0000 | 0.0001 | 8.11E+06 | 0.064 | 1833.830 | 4201 | 0 | 4423 | 0.0004 | -0.0001 | 0.0003 | 9.75E+06 | 0.204 | 1029.360 | 6199 | 0 | 4879 | 0.0003 | -0.0001 | 0.0001 | 9.95E+06 | 0.234 |
| 4342.390 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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|----------|------|---|------|--------|---------|--------|----------|-------|----------|------|---|------|--------|--------|--------|----------|-------|----------|------|---|------|--------|---------|--------|----------|-------|----------|------|---|------|--------|---------|--------|----------|-------|
| 4388.370 | 1202 | 0 | 3897 | 0.0005 | -0.0001 | 0.0004 | 8.11E+06 | 0.168 | 973.583 | 2201 | 0 | 2492 | 0.0003 | 0.0000 | 0.0003 | 8.54E+06 | 0.147 | 1880.820 | 4199 | 0 | 6213 | 0.0006 | -0.0001 | 0.0004 | 1.05E+07 | 0.231 | 1076.350 | 6201 | 0 | 6705 | 0.0005 | -0.0001 | 0.0002 | 1.07E+07 | 0.251 |
| 4389.370 | 1201 | 0 | 3932 | 0.0005 | -0.0001 | 0.0004 | 8.05E+06 | 0.166 | 974.582 | 2200 | 0 | 2492 | 0.0003 | 0.0000 | 0.0003 | 8.61E+06 | 0.148 | 1881.820 | 4200 | 0 | 6248 | 0.0006 | -0.0001 | 0.0004 | 1.05E+07 | 0.232 | 1077.350 | 6201 | 0 | 6810 | 0.0005 | -0.0001 | 0.0002 | 1.07E+07 | 0.253 |
| 4390.370 | 1201 | 0 | 4002 | 0.0005 | -0.0001 | 0.0004 | 8.08E+06 | 0.166 | 975.582 | 2201 | 0 | 2598 | 0.0003 | 0.0000 | 0.0003 | 8.54E+06 | 0.150 | 1882.820 | 4202 | 0 | 6248 | 0.0006 | -0.0001 | 0.0004 | 1.03E+07 | 0.233 | 1078.350 | 6201 | 0 | 6810 | 0.0005 | -0.0001 | 0.0002 | 1.07E+07 | 0.253 |
| 4391.370 | 1202 | 0 | 4037 | 0.0005 | -0.0001 | 0.0004 | 8.03E+06 | 0.167 | 976.582 | 2201 | 0 | 2633 | 0.0003 | 0.0000 | 0.0003 | 8.53E+06 | 0.152 | 1883.820 | 4203 | 0 | 6318 | 0.0006 | -0.0001 | 0.0004 | 1.04E+07 | 0.236 | 1079.350 | 6200 | 0 | 6705 | 0.0005 | -0.0001 | 0.0002 | 1.07E+07 | 0.253 |
| 4392.370 | 1201 | 0 | 4072 | 0.0005 | -0.0001 | 0.0004 | 8.02E+06 | 0.166 | 977.581 | 2201 | 0 | 2598 | 0.0003 | 0.0000 | 0.0003 | 8.50E+06 | 0.152 | 1884.820 | 4202 | 0 | 6283 | 0.0006 | -0.0001 | 0.0004 | 1.03E+07 | 0.235 | 1080.350 | 6200 | 0 | 6740 | 0.0005 | -0.0001 | 0.0002 | 1.07E+07 | 0.254 |
| 4393.370 | 1202 | 0 | 4072 | 0.0005 | -0.0001 | 0.0004 | 8.16E+06 | 0.170 | 978.581 | 2201 | 0 | 2633 | 0.0003 | 0.0000 | 0.0003 | 8.42E+06 | 0.153 | 1885.820 | 4201 | 0 | 6424 | 0.0006 | -0.0001 | 0.0004 | 1.02E+07 | 0.237 | 1081.350 | 6199 | 0 | 6775 | 0.0005 | -0.0001 | 0.0002 | 1.07E+07 | 0.252 |
| 4394.370 | 1202 | 0 | 4177 | 0.0005 | -0.0001 | 0.0004 | 8.14E+06 | 0.170 | 979.581 | 2200 | 0 | 2668 | 0.0003 | 0.0000 | 0.0003 | 8.45E+06 | 0.157 | 1886.820 | 4202 | 0 | 6424 | 0.0006 | -0.0001 | 0.0004 | 1.02E+07 | 0.239 | 1082.350 | 6201 | 0 | 7021 | 0.0005 | -0.0001 | 0.0002 | 1.07E+07 | 0.254 |
| 4395.370 | 1201 | 0 | 4177 | 0.0005 | -0.0001 | 0.0004 | 8.22E+06 | 0.171 | 980.580 | 2201 | 0 | 2703 | 0.0003 | 0.0000 | 0.0003 | 8.37E+06 | 0.158 | 1887.820 | 4199 | 0 | 6459 | 0.0006 | -0.0001 | 0.0004 | 1.01E+07 | 0.238 | 1083.350 | 6200 | 0 | 7056 | 0.0005 | -0.0001 | 0.0002 | 1.08E+07 | 0.255 |
| 4396.370 | 1201 | 0 | 4177 | 0.0005 | -0.0001 | 0.0004 | 8.14E+06 | 0.169 | 981.580 | 2201 | 0 | 2738 | 0.0003 | 0.0000 | 0.0003 | 8.29E+06 | 0.160 | 1888.820 | 4199 | 0 | 6564 | 0.0006 | -0.0001 | 0.0004 | 9.90E+06 | 0.239 | 1084.340 | 6201 | 0 | 7091 | 0.0005 | -0.0001 | 0.0002 | 1.07E+07 | 0.253 |
| 4397.370 | 1203 | 0 | 4248 | 0.0005 | -0.0001 | 0.0004 | 8.21E+06 | 0.171 | 982.580 | 2201 | 0 | 2773 | 0.0004 | 0.0000 | 0.0003 | 8.27E+06 | 0.162 | 1889.820 | 4199 | 0 | 6529 | 0.0007 | -0.0001 | 0.0004 | 9.95E+06 | 0.239 | 1085.340 | 6200 | 0 | 6950 | 0.0005 | -0.0001 | 0.0002 | 1.07E+07 | 0.254 |
| 4398.370 | 1201 | 0 | 4212 | 0.0005 | -0.0001 | 0.0004 | 8.14E+06 | 0.172 | 983.579 | 2201 | 0 | 2878 | 0.0004 | 0.0000 | 0.0003 | 8.34E+06 | 0.163 | 1890.820 | 4200 | 0 | 6529 | 0.0007 | -0.0001 | 0.0004 | 9.98E+06 | 0.241 | 1086.340 | 6201 | 0 | 6845 | 0.0005 | -0.0001 | 0.0002 | 1.07E+07 | 0.254 |
| 4399.370 | 1201 | 0 | 4283 | 0.0005 | -0.0001 | 0.0004 | 8.23E+06 | 0.172 | 984.579 | 2201 | 0 | 2878 | 0.0004 | 0.0000 | 0.0003 | 8.33E+06 | 0.163 | 1891.820 | 4199 | 0 | 6634 | 0.0006 | -0.0001 | 0.0004 | 9.92E+06 | 0.241 | 1087.340 | 6199 | 0 | 7056 | 0.0005 | -0.0001 | 0.0002 | 1.07E+07 | 0.255 |
| 4400.370 | 1199 | 0 | 4353 | 0.0005 | -0.0001 | 0.0004 | 8.21E+06 | 0.174 | 985.579 | 2199 | 0 | 2913 | 0.0004 | 0.0000 | 0.0003 | 8.32E+06 | 0.164 | 1892.820 | 4201 | 0 | 6634 | 0.0007 | -0.0001 | 0.0004 | 9.97E+06 | 0.240 | 1088.340 | 6200 | 0 | 7126 | 0.0005 | -0.0001 | 0.0002 | 1.07E+07 | 0.256 |
| 4401.370 | 1201 | 0 | 4388 | 0.0005 | -0.0001 | 0.0004 | 8.29E+06 | 0.173 | 986.578 | 2202 | 0 | 2949 | 0.0004 | 0.0000 | 0.0003 | 8.33E+06 | 0.166 | 1893.810 | 4203 | 0 | 6740 | 0.0007 | -0.0001 | 0.0004 | 9.98E+06 | 0.239 | 1089.340 | 6199 | 0 | 7301 | 0.0005 | -0.0001 | 0.0002 | 1.08E+07 | 0.258 |
| 4402.370 | 1201 | 0 | 4458 | 0.0005 | -0.0001 | 0.0004 | 8.30E+06 | 0.174 | 987.578 | 2201 | 0 | 2984 | 0.0004 | 0.0000 | 0.0003 | 8.33E+06 | 0.170 | 1894.810 | 4199 | 0 | 6810 | 0.0007 | -0.0001 | 0.0004 | 9.86E+06 | 0.238 | 1090.340 | 6201 | 0 | 7336 | 0.0005 | -0.0001 | 0.0002 | 1.09E+07 | 0.258 |
| 4403.370 | 1202 | 0 | 4388 | 0.0006 | -0.0001 | 0.0004 | 8.35E+06 | 0.174 | 988.578 | 2201 | 0 | 3089 | 0.0004 | 0.0000 | 0.0003 | 8.40E+06 | 0.173 | 1895.810 | 4199 | 0 | 6775 | 0.0007 | -0.0001 | 0.0004 | 9.88E+06 | 0.240 | 1091.340 | 6201 | 0 | 7161 | 0.0005 | -0.0001 | 0.0002 | 1.10E+07 | 0.262 |
| 4404.370 | 1203 | 0 | 4458 | 0.0006 | -0.0001 | 0.0004 | 8.41E+06 | 0.173 | 989.578 | 2201 | 0 | 3019 | 0.0004 | 0.0000 | 0.0003 | 8.33E+06 | 0.172 | 1896.810 | 4201 | 0 | 6775 | 0.0007 | -0.0001 | 0.0004 | 9.92E+06 | 0.240 | 1092.340 | 6200 | 0 | 7161 | 0.0005 | -0.0001 | 0.0002 | 1.10E+07 | 0.264 |
| 4405.370 | 1200 | 0 | 4563 | 0.0006 | -0.0001 | 0.0004 | 8.42E+06 | 0.172 | 990.577 | 2201 | 0 | 3089 | 0.0004 | 0.0000 | 0.0003 | 8.36E+06 | 0.175 | 1897.810 | 4202 | 0 | 6880 | 0.0007 | -0.0001 | 0.0004 | 9.82E+06 | 0.241 | 1093.340 | 6199 | 0 | 7231 | 0.0005 | -0.0001 | 0.0002 | 1.10E+07 | 0.266 |
| 4406.370 | 1200 | 0 | 4458 | 0.0006 | -0.0001 | 0.0004 | 8.40E+06 | 0.172 | 991.577 | 2200 | 0 | 3089 | 0.0004 | 0.0000 | 0.0003 | 8.47E+06 | 0.178 | 1898.810 | 4201 | 0 | 6880 | 0.0007 | -0.0001 | 0.0004 | 9.87E+06 | 0.242 | 1094.340 | 6200 | 0 | 7372 | 0.0005 | -0.0001 | 0.0002 | 1.11E+07 | 0.271 |
| 4407.370 | 1202 | 0 | 4563 | 0.0006 | -0.0001 | 0.0004 | 8.41E+06 | 0.173 | 992.577 | 2201 | 0 | 3159 | 0.0004 | 0.0000 | 0.0003 | 8.42E+06 | 0.178 | 1899.810 | 4202 | 0 | 6985 | 0.0007 | -0.0001 | 0.0004 | 9.91E+06 | 0.240 | 1095.340 | 6199 | 0 | 7512 | 0.0005 | -0.0001 | 0.0002 | 1.12E+07 | 0.270 |
| 4408.370 | 1200 | 0 | 4563 | 0.0006 | -0.0001 | 0.0004 | 8.44E+06 | 0.173 | 993.576 | 2201 | 0 | 3194 | 0.0004 | 0.0000 | 0.0003 | 8.49E+06 | 0.182 | 1900.810 | 4200 | 0 | 6985 | 0.0007 | -0.0001 | 0.0004 | 9.89E+06 | 0.241 | 1096.340 | 6200 | 0 | 7547 | 0.0006 | -0.0001 | 0.0003 | 1.10E+07 | 0.270 |
| 4409.370 | 1203 | 0 | 4704 | 0.0006 | -0.0001 | 0.0004 | 8.48E+06 | 0.175 | 994.576 | 2201 | 0 | 3264 | 0.0004 | 0.0000 | 0.0003 | 8.43E+06 | 0.181 | 1901.810 | 4199 | 0 | 7056 | 0.0007 | -0.0001 | 0.0005 | 9.83E+06 | 0.240 | 1097.340 | 6199 | 0 | 7407 | 0.0005 | -0.0001 | 0.0003 | 1.10E+07 | 0.270 |
| 4410.370 | 1202 | 0 | 4739 | 0.0006 | -0.0001 | 0.0004 | 8.50E+06 | 0.175 | 995.576 | 2201 | 0 | 3264 | 0.0004 | 0.0000 | 0.0003 | 8.43E+06 | 0.181 | 1902.810 | 4199 | 0 | 7056 | 0.0007 | -0.0001 | 0.0004 | 9.86E+06 | 0.240 | 1098.340 | 6199 | 0 | 7372 | 0.0006 | -0.0001 | 0.0003 | 1.08E+07 | 0.270 |
| 4411.370 | 1201 | 0 | 4739 | 0.0006 | -0.0001 | 0.0004 | 8.55E+06 | 0.175 | 996.575 | 2201 | 0 | 3300 | 0.0004 | 0.0000 | 0.0003 | 8.50E+06 | 0.183 | 1903.810 | 4201 | 0 | 7091 | 0.0007 | -0.0001 | 0.0005 | 9.84E+06 | 0.242 | 1099.340 | 6200 | 0 | 7477 | 0.0005 | -0.0001 | 0.0003 | 1.07E+07 | 0.270 |
| 4412.370 | 1200 | 0 | 4704 | 0.0006 | -0.0001 | 0.0005 | 8.50E+06 | 0.175 | 997.575 | 2201 | 0 | 3300 | 0.0004 | 0.0000 | 0.0003 | 8.52E+06 | 0.185 | 1904.810 | 4203 | 0 | 7161 | 0.0007 | -0.0001 | 0.0004 | 9.92E+06 | 0.241 | 1100.340 | 6199 | 0 | 7652 | 0.0005 | -0.0001 | 0.0003 | 1.06E+07 | 0.270 |
| 4413.360 | 1201 | 0 | 4809 | 0.0006 | -0.0001 | 0.0005 | 8.51E+06 | 0.176 | 998.575 | 2200 | 0 | 3335 | 0.0004 | 0.0000 | 0.0003 | 8.52E+06 | 0.187 | 1905.810 | 4202 | 0 | 7161 | 0.0007 | -0.0001 | 0.0005 | 9.95E+06 | 0.238 | 1101.340 | 6199 | 0 | 7723 | 0.0005 | -0.0001 | 0.0003 | 1.06E+07 | 0.270 |
| 4414.360 | 1201 | 0 | 4774 | 0.0006 | -0.0001 | 0.0005 | 8.50E+06 | 0.177 | 999.574 | 2200 | 0 | 3405 | 0.0004 | 0.0000 | 0.0003 | 8.48E+06 | 0.187 | 1906.810 | 4201 | 0 | 7161 | 0.0007 | -0.0001 | 0.0005 | 9.89E+06 | 0.238 | 1102.340 | 6200 | 0 | 7758 | 0.0006 | -0.0002 | 0.0003 | 1.07E+07 | 0.270 |
| 4415.360 | 1200 | 0 | 4844 | 0.0006 | -0.0001 | 0.0005 | 8.50E+06 | 0.177 | 1000.570 | 2201 | 0 | 3405 | 0.0004 | 0.0000 | 0.0003 | 8.49E+06 | 0.188 | 1907.810 | 4201 | 0 | 7196 | 0.0007 | -0.0001 | 0.0005 | 9.98E+06 | 0.239 | 1103.340 | 6202 | 0 | 7617 | 0.0006 | -0.0002 | 0.0003 | 1.08E+07 | 0.270 |
| 4416.360 | 1202 | 0 | 4915 | 0.0006 | -0.0001 | 0.0005 | 8.55E+06 | 0.178 | 1001.570 | 2201 | 0 | 3475 | 0.0004 | 0.0000 | 0.0003 | 8.43E+06 | 0.187 | 1908.810 | 4201 | 0 | 7301 | 0.0007 | -0.0001 | 0.0005 | 1.00E+07 | 0.241 | 1104.340 | 6199 | 0 | 7512 | 0.0006 | -0.0001 | 0.0003 | 1.07E+07 | 0.271 |
| 4417.360 | 1200 | 0 | 4950 | 0.0006 | -0.0001 | 0.0005 | 8.56E+06 | 0.179 | 1002.570 | 2200 | 0 | 3475 | 0.0004 | 0.0000 | 0.0003 | 8.44E+06 | 0.188 | 1909.810 | 4201 | 0 | 7336 | 0.0007 | -0.0001 | 0.0005 | 1.00E+07 | 0.243 | 1105.340 | 6200 | 0 | 7617 | 0.0005 | -0.0001 | 0.0002 | 1.08E+07 | 0.271 |
| 4418.360 | 1201 | 0 | 5020 | 0.0006 | -0.0001 | 0.0004 | 8.64E+06 | 0.180 | 1003.570 | 2201 | 0 | 3510 | 0.0004 | 0.0000 | 0.0004 | 8.43E+06 | 0.188 | 1910.810 | 4201 | 0 | 7301 | 0.0007 | -0.0001 | 0.0005 | 1.01E+07 | 0.243 | 1106.340 | 6201 | 0 | 7863 | 0.0006 | -0.0001 | 0.0003 | 1.09E+07 | 0.273 |
| 4419.360 | 1200 | 0 | 4950 | 0.0006 | -0.0001 | 0.0005 | 8.58E+06 | 0.179 | 1004.570 | 2201 | 0 | 3580 | 0.0004 | 0.0000 | 0.0003 | 8.46E+06 | 0.189 | 1911.810 | 4199 | 0 | 7407 | 0.0007 | -0.0001 | 0.0005 | 1.02E+07 | 0.245 | 1107.340 | 6201 | 0 | 8003 | 0.0006 | -0.0002 | 0.0003 | 1.09E+07 | 0.275 |
| 4420.360 | 1200 | 0 | 5020 | 0.0006 | -0.0001 | 0.0005 | 8.58E+06 | 0.178 | 1005.570 | 2201 | 0 | 3580 | 0.0005 | 0.0000 | 0.0004 | 8.42E+06 | 0.187 | 1912.810 | 4201 | 0 | 7442 | 0.0008 | -0.0001 | 0.0005 | 1.01E+07 | 0.243 | 1108.340 | 6199 | 0 | 8074 | 0.0006 | -0.0002 | 0.0003 | | |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------|------|---|------|--------|---------|--------|----------|-------|----------|------|---|------|--------|---------|--------|----------|-------|----------|------|---|-------|--------|---------|--------|----------|---------|----------|------|---|-------|--------|---------|--------|----------|-------|
| 4467.350 | 1199 | 0 | 6740 | 0.0008 | -0.0001 | 0.0006 | 8.84E+06 | 0.191 | 1052.560 | 2201 | 0 | 5300 | 0.0006 | -0.0001 | 0.0005 | 9.30E+06 | 0.207 | 1959.790 | 4200 | 0 | 9337 | 0.0009 | -0.0002 | 0.0006 | 1.06E+07 | 0.261 | 1155.320 | 6200 | 0 | 10110 | 0.0007 | -0.0002 | 0.0003 | 1.09E+07 | 0.288 |
| 4468.350 | 1201 | 0 | 6775 | 0.0008 | -0.0001 | 0.0006 | 8.81E+06 | 0.189 | 1053.560 | 2201 | 0 | 5336 | 0.0006 | -0.0001 | 0.0005 | 9.33E+06 | 0.207 | 1960.790 | 4200 | 0 | 9337 | 0.0009 | -0.0002 | 0.0006 | 1.06E+07 | 0.263 | 1156.320 | 6199 | 0 | 10145 | 0.0008 | -0.0002 | 0.0003 | 1.09E+07 | 0.287 |
| 4469.350 | 1202 | 0 | 6810 | 0.0008 | -0.0001 | 0.0006 | 8.85E+06 | 0.189 | 1054.560 | 2202 | 0 | 5371 | 0.0006 | -0.0001 | 0.0005 | 9.30E+06 | 0.207 | 1961.790 | 4199 | 0 | 9408 | 0.0009 | -0.0002 | 0.0006 | 1.07E+07 | 0.263 | 1157.320 | 6200 | 0 | 10004 | 0.0008 | -0.0002 | 0.0003 | 1.08E+07 | 0.287 |
| 4470.350 | 1201 | 0 | 6880 | 0.0008 | -0.0001 | 0.0006 | 8.84E+06 | 0.189 | 1055.560 | 2201 | 0 | 5406 | 0.0006 | -0.0001 | 0.0005 | 9.33E+06 | 0.206 | 1962.790 | 4201 | 0 | 9408 | 0.0009 | -0.0002 | 0.0005 | 1.08E+07 | 0.265 | 1158.320 | 6201 | 0 | 9864 | 0.0008 | -0.0002 | 0.0003 | 1.08E+07 | 0.286 |
| 4471.350 | 1201 | 0 | 6880 | 0.0008 | -0.0001 | 0.0006 | 8.93E+06 | 0.189 | 1056.560 | 2201 | 0 | 5441 | 0.0007 | -0.0001 | 0.0005 | 9.34E+06 | 0.203 | 1963.790 | 4198 | 0 | 9513 | 0.0009 | -0.0002 | 0.0006 | 1.07E+07 | 0.265 | 1159.320 | 6200 | 0 | 9864 | 0.0007 | -0.0002 | 0.0003 | 1.08E+07 | 0.285 |
| 4472.350 | 1201 | 0 | 6915 | 0.0008 | -0.0001 | 0.0006 | 8.93E+06 | 0.189 | 1057.560 | 2200 | 0 | 5406 | 0.0007 | -0.0001 | 0.0005 | 9.29E+06 | 0.203 | 1964.790 | 4201 | 0 | 9548 | 0.0009 | -0.0002 | 0.0006 | 1.06E+07 | 0.266 | 1160.320 | 6201 | 0 | 10039 | 0.0008 | -0.0002 | 0.0003 | 1.08E+07 | 0.286 |
| 4473.350 | 1200 | 0 | 6950 | 0.0008 | -0.0001 | 0.0006 | 9.05E+06 | 0.190 | 1058.560 | 2200 | 0 | 5511 | 0.0007 | -0.0001 | 0.0005 | 9.23E+06 | 0.202 | 1965.790 | 4200 | 0 | 9583 | 0.0009 | -0.0002 | 0.0006 | 1.05E+07 | 0.264 | 1161.320 | 6200 | 0 | 10285 | 0.0008 | -0.0002 | 0.0003 | 1.08E+07 | 0.284 |
| 4474.350 | 1200 | 0 | 6950 | 0.0008 | -0.0001 | 0.0006 | 9.19E+06 | 0.192 | 1059.560 | 2201 | 0 | 5546 | 0.0007 | -0.0001 | 0.0005 | 9.21E+06 | 0.200 | 1966.790 | 4201 | 0 | 9618 | 0.0010 | -0.0002 | 0.0006 | 1.04E+07 | 0.262 | 1162.320 | 6200 | 0 | 10355 | 0.0008 | -0.0002 | 0.0004 | 1.07E+07 | 0.282 |
| 4475.340 | 1201 | 0 | 7021 | 0.0008 | -0.0001 | 0.0006 | 9.20E+06 | 0.192 | 1060.550 | 2201 | 0 | 5581 | 0.0007 | -0.0001 | 0.0005 | 9.32E+06 | 0.200 | 1967.790 | 4202 | 0 | 9653 | 0.0009 | -0.0002 | 0.0006 | 1.05E+07 | 0.265 | 1163.320 | 6200 | 0 | 10250 | 0.0008 | -0.0002 | 0.0004 | 1.09E+07 | 0.284 |
| 4476.340 | 1201 | 0 | 7056 | 0.0009 | -0.0001 | 0.0006 | 9.22E+06 | 0.192 | 1061.550 | 2201 | 0 | 5616 | 0.0007 | -0.0001 | 0.0005 | 9.34E+06 | 0.205 | 1968.790 | 4202 | 0 | 9653 | 0.0009 | -0.0002 | 0.0006 | 1.05E+07 | 0.265 | 1164.320 | 6199 | 0 | 10075 | 0.0008 | -0.0002 | 0.0003 | 1.09E+07 | 0.287 |
| 4477.340 | 1203 | 0 | 7126 | 0.0008 | -0.0001 | 0.0006 | 9.29E+06 | 0.192 | 1062.550 | 2201 | 0 | 5616 | 0.0007 | -0.0001 | 0.0005 | 9.41E+06 | 0.205 | 1969.790 | 4200 | 0 | 9688 | 0.0010 | -0.0002 | 0.0006 | 1.05E+07 | 0.265 | 1165.320 | 6199 | 0 | 10110 | 0.0008 | -0.0002 | 0.0003 | 1.10E+07 | 0.289 |
| 4478.340 | 1201 | 0 | 7126 | 0.0009 | -0.0001 | 0.0006 | 9.30E+06 | 0.194 | 1063.550 | 2201 | 0 | 5687 | 0.0007 | -0.0001 | 0.0005 | 9.40E+06 | 0.206 | 1970.790 | 4203 | 0 | 9724 | 0.0010 | -0.0002 | 0.0006 | 1.06E+07 | 0.266 | 1166.320 | 6200 | 0 | 10355 | 0.0008 | -0.0002 | 0.0003 | 1.09E+07 | 0.290 |
| 4479.340 | 1200 | 0 | 7126 | 0.0009 | -0.0001 | 0.0006 | 9.29E+06 | 0.194 | 1064.550 | 2201 | 0 | 5722 | 0.0007 | -0.0001 | 0.0005 | 9.21E+06 | 0.207 | 1971.790 | 4200 | 0 | 9864 | 0.0010 | -0.0002 | 0.0006 | 1.06E+07 | 0.266 | 1167.320 | 6200 | 0 | 10496 | 0.0008 | -0.0002 | 0.0003 | 1.09E+07 | 0.289 |
| 4480.340 | 1202 | 0 | 7161 | 0.0009 | -0.0001 | 0.0006 | 9.33E+06 | 0.192 | 1065.550 | 2200 | 0 | 5792 | 0.0007 | -0.0001 | 0.0005 | 9.24E+06 | 0.209 | 1972.790 | 4203 | 0 | 9899 | 0.0010 | -0.0002 | 0.0006 | 1.07E+07 | 0.269 | 1168.320 | 6200 | 0 | 10671 | 0.0008 | -0.0002 | 0.0004 | 1.10E+07 | 0.291 |
| 4481.340 | 1201 | 0 | 7266 | 0.0009 | -0.0001 | 0.0006 | 9.35E+06 | 0.191 | 1066.550 | 2200 | 0 | 5792 | 0.0007 | -0.0001 | 0.0005 | 9.23E+06 | 0.210 | 1973.790 | 4202 | 0 | 9864 | 0.0010 | -0.0002 | 0.0006 | 1.07E+07 | 0.269 | 1169.320 | 6201 | 0 | 10461 | 0.0008 | -0.0002 | 0.0004 | 1.10E+07 | 0.293 |
| 4482.340 | 1203 | 0 | 7266 | 0.0009 | -0.0001 | 0.0006 | 9.34E+06 | 0.191 | 1067.550 | 2200 | 0 | 5827 | 0.0007 | -0.0001 | 0.0005 | 9.23E+06 | 0.210 | 1974.790 | 4200 | 0 | 9969 | 0.0010 | -0.0002 | 0.0006 | 1.09E+07 | 0.270 | 1170.320 | 6200 | 0 | 10355 | 0.0008 | -0.0002 | 0.0004 | 1.12E+07 | 0.296 |
| 4483.340 | 1202 | 0 | 7301 | 0.0009 | -0.0001 | 0.0006 | 9.39E+06 | 0.192 | 1068.550 | 2202 | 0 | 5932 | 0.0007 | -0.0001 | 0.0005 | 9.27E+06 | 0.210 | 1975.790 | 4202 | 0 | 10004 | 0.0010 | -0.0002 | 0.0006 | 1.07E+07 | 0.271 | 1171.320 | 6200 | 0 | 10391 | 0.0008 | -0.0002 | 0.0004 | 1.12E+07 | 0.299 |
| 4484.340 | 1202 | 0 | 7372 | 0.0009 | -0.0001 | 0.0006 | 9.47E+06 | 0.193 | 1069.550 | 2201 | 0 | 5897 | 0.0007 | -0.0001 | 0.0005 | 9.31E+06 | 0.211 | 1976.790 | 4200 | 0 | 10039 | 0.0010 | -0.0002 | 0.0006 | 1.08E+07 | 0.271 | 1172.320 | 6200 | 0 | 10531 | 0.0008 | -0.0002 | 0.0003 | 1.12E+07 | 0.301 |
| 4485.340 | 1202 | 0 | 7442 | 0.0009 | -0.0001 | 0.0006 | 9.42E+06 | 0.193 | 1070.550 | 2201 | 0 | 5932 | 0.0007 | -0.0001 | 0.0005 | 9.34E+06 | 0.211 | 1977.790 | 4201 | 0 | 10075 | 0.0010 | -0.0002 | 0.0006 | 1.09E+07 | 0.273 | 1173.320 | 6199 | 0 | 10777 | 0.0008 | -0.0002 | 0.0004 | 1.12E+07 | 0.303 |
| 4486.340 | 1202 | 0 | 7407 | 0.0009 | -0.0001 | 0.0006 | 9.43E+06 | 0.190 | 1071.550 | 2201 | 0 | 5967 | 0.0007 | -0.0001 | 0.0005 | 9.50E+06 | 0.214 | 1978.790 | 4200 | 0 | 10110 | 0.0010 | -0.0002 | 0.0006 | 1.10E+07 | 0.276 | 1174.320 | 6200 | 0 | 10917 | 0.0008 | -0.0002 | 0.0004 | 1.12E+07 | 0.302 |
| 4487.340 | 1202 | 0 | 7407 | 0.0009 | -0.0001 | 0.0006 | 9.37E+06 | 0.191 | 1072.550 | 2200 | 0 | 5967 | 0.0007 | -0.0001 | 0.0005 | 9.52E+06 | 0.215 | 1979.790 | 4198 | 0 | 10145 | 0.0010 | -0.0002 | 0.0006 | 1.10E+07 | 0.275 | 1175.320 | 6199 | 0 | 10706 | 0.0008 | -0.0002 | 0.0004 | 1.13E+07 | 0.302 |
| 4488.340 | 1200 | 0 | 7477 | 0.0009 | -0.0001 | 0.0006 | 9.37E+06 | 0.190 | 1073.550 | 2201 | 0 | 6038 | 0.0007 | -0.0001 | 0.0005 | 9.41E+06 | 0.214 | 1980.790 | 4200 | 0 | 10180 | 0.0010 | -0.0002 | 0.0006 | 1.11E+07 | 0.274 | 1176.320 | 6199 | 0 | 10636 | 0.0008 | -0.0002 | 0.0004 | 1.14E+07 | 0.305 |
| 4489.340 | 1200 | 0 | 7477 | 0.0009 | -0.0001 | 0.0007 | 9.43E+06 | 0.190 | 1074.550 | 2201 | 0 | 6073 | 0.0007 | -0.0001 | 0.0005 | 9.43E+06 | 0.212 | 1981.790 | 4201 | 0 | 10180 | 0.0010 | -0.0002 | 0.0006 | 1.10E+07 | 0.274 | 1177.320 | 6200 | 0 | 10671 | 0.0008 | -0.0002 | 0.0004 | 1.14E+07 | 0.307 |
| 4490.340 | 1200 | 0 | 7547 | 0.0009 | -0.0001 | 0.0006 | 9.39E+06 | 0.190 | 1075.550 | 2201 | 0 | 6143 | 0.0007 | -0.0001 | 0.0005 | 9.50E+06 | 0.212 | 1982.790 | 4201 | 0 | 10285 | 0.0010 | -0.0002 | 0.0006 | 1.11E+07 | 0.274 | 1178.310 | 6200 | 0 | 10777 | 0.0008 | -0.0002 | 0.0004 | 1.13E+07 | 0.307 |
| 4491.340 | 1202 | 0 | 7617 | 0.0009 | -0.0001 | 0.0007 | 9.42E+06 | 0.188 | 1076.550 | 2201 | 0 | 6143 | 0.0007 | -0.0001 | 0.0005 | 9.52E+06 | 0.213 | 1983.790 | 4201 | 0 | 10320 | 0.0010 | -0.0002 | 0.0006 | 1.12E+07 | 0.274 | 1179.310 | 6201 | 0 | 10987 | 0.0008 | -0.0002 | 0.0004 | 1.15E+07 | 0.314 |
| 4492.340 | 1202 | 0 | 7652 | 0.0009 | -0.0001 | 0.0007 | 9.45E+06 | 0.189 | 1077.550 | 2200 | 0 | 6143 | 0.0007 | -0.0001 | 0.0005 | 9.49E+06 | 0.211 | 1984.790 | 4200 | 0 | 10355 | 0.0010 | -0.0002 | 0.0006 | 1.11E+07 | 0.275 | 1180.310 | 6200 | 0 | 11163 | 0.0009 | -0.0002 | 0.0004 | 1.15E+07 | 0.314 |
| 4493.340 | 1201 | 0 | 7688 | 0.0009 | -0.0001 | 0.0007 | 9.42E+06 | 0.192 | 1078.550 | 2200 | 0 | 6213 | 0.0007 | -0.0001 | 0.0005 | 9.56E+06 | 0.211 | 1985.790 | 4198 | 0 | 10355 | 0.0010 | -0.0002 | 0.0006 | 1.11E+07 | 0.276 | 1181.310 | 6200 | 0 | 10987 | 0.0009 | -0.0002 | 0.0004 | 1.16E+07 | 0.315 |
| 4494.340 | 1200 | 0 | 7723 | 0.0009 | -0.0001 | 0.0007 | 9.49E+06 | 0.192 | 1079.550 | 2201 | 0 | 6283 | 0.0007 | -0.0001 | 0.0005 | 9.64E+06 | 0.212 | 1986.790 | 4201 | 0 | 10426 | 0.0010 | -0.0002 | 0.0006 | 1.11E+07 | 0.276 | 1182.310 | 6199 | 0 | 10917 | 0.0009 | -0.0002 | 0.0004 | 1.16E+07 | 0.317 |
| 4495.340 | 1200 | 0 | 7758 | 0.0009 | -0.0001 | 0.0006 | 9.50E+06 | 0.194 | 1080.550 | 2201 | 0 | 6283 | 0.0007 | -0.0001 | 0.0005 | 9.72E+06 | 0.211 | 1987.780 | 4201 | 0 | 10566 | 0.0010 | -0.0002 | 0.0006 | 1.09E+07 | 0.272 | 1183.310 | 6199 | 0 | 10917 | 0.0008 | -0.0002 | 0.0004 | 1.16E+07 | 0.316 |
| 4496.340 | 1201 | 0 | 7828 | 0.0009 | -0.0001 | 0.0006 | 9.60E+06 | 0.196 | 1081.550 | 2201 | 0 | 6354 | 0.0007 | -0.0001 | 0.0005 | 9.79E+06 | 0.211 | 1988.780 | 4199 | 0 | 10496 | 0.0010 | -0.0002 | 0.0006 | 1.10E+07 | 0.272 | 1184.310 | 6200 | 0 | 11092 | 0.0008 | -0.0002 | 0.0004 | 1.15E+07 | 0.320 |
| 4497.340 | 1200 | 0 | 7793 | 0.0009 | -0.0001 | 0.0007 | 9.58E+06 | 0.197 | 1082.550 | 2201 | 0 | 6354 | 0.0008 | -0.0001 | 0.0005 | 9.81E+06 | 0.212 | 1989.780 | 4200 | 0 | 10531 | 0.0010 | -0.0002 | 0.0006 | 1.12E+07 | 0.273 | 1185.310 | 6199 | 0 | 11303 | 0.0009 | -0.0002 | 0.0004 | 1.16E+07 | 0.325 |
| 4498.340 | 1201 | 0 | 7863 | 0.0009 | -0.0001 | 0.0007 | 9.55E+06 | 0.198 | 1083.550 | 2200 | 0 | 6354 | 0.0007 | -0.0001 | 0.0005 | 9.73E+06 | 0.210 | 1990.780 | 4201 | 0 | 10531 | 0.0010 | -0.0002 | 0.0006 | 1.12E+07 | 0.273 | 1186.310 | 6199 | 0 | 11408 | 0.0009 | -0.0002 | 0.0004 | 1.15E+07 | 0.325 |
| 4499.340 | 1201 | 0 | 7933 | 0.0009 | -0.0001 | 0.0007 | 9.63E+06 | 0.201 | 1084.550 | 2201 | 0 | 6424 | 0.0008 | -0.0001 | 0.0005 | 9.78E+06 | 0.212 | 1991.780 | 4202 | 0 | 10566 | 0.0010 | -0.0002 | 0.0006 | 1.12E+07 | 0.271</ | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------|------|---|-------|--------|---------|--------|----------|-------|----------|------|---|------|--------|---------|--------|----------|-------|----------|------|---|-------|--------|---------|--------|----------|-------|----------|------|---|-------|--------|---------|--------|----------|-------|
| 4546.320 | 1201 | 0 | 9688 | 0.0011 | -0.0002 | 0.0008 | 9.78E+06 | 0.223 | 1131.530 | 2199 | 0 | 8214 | 0.0009 | -0.0002 | 0.0006 | 9.99E+06 | 0.248 | 2038.770 | 4201 | 0 | 12532 | 0.0012 | -0.0003 | 0.0007 | 1.10E+07 | 0.288 | 1234.300 | 6200 | 0 | 13128 | 0.0010 | -0.0003 | 0.0004 | 1.18E+07 | 0.360 |
| 4547.320 | 1203 | 0 | 9794 | 0.0011 | -0.0002 | 0.0008 | 9.78E+06 | 0.225 | 1132.530 | 2201 | 0 | 8249 | 0.0009 | -0.0002 | 0.0006 | 1.00E+07 | 0.248 | 2039.770 | 4201 | 0 | 12637 | 0.0012 | -0.0003 | 0.0007 | 1.10E+07 | 0.284 | 1235.300 | 6201 | 0 | 13199 | 0.0010 | -0.0003 | 0.0004 | 1.18E+07 | 0.359 |
| 4548.320 | 1202 | 0 | 9829 | 0.0011 | -0.0002 | 0.0008 | 9.68E+06 | 0.223 | 1133.530 | 2201 | 0 | 8354 | 0.0009 | -0.0002 | 0.0006 | 9.99E+06 | 0.246 | 2040.770 | 4202 | 0 | 12707 | 0.0012 | -0.0003 | 0.0007 | 1.10E+07 | 0.282 | 1236.300 | 6199 | 0 | 13199 | 0.0010 | -0.0003 | 0.0004 | 1.19E+07 | 0.360 |
| 4549.320 | 1201 | 0 | 9899 | 0.0011 | -0.0002 | 0.0008 | 9.67E+06 | 0.225 | 1134.530 | 2200 | 0 | 8319 | 0.0009 | -0.0002 | 0.0006 | 9.96E+06 | 0.247 | 2041.770 | 4199 | 0 | 12742 | 0.0012 | -0.0003 | 0.0007 | 1.10E+07 | 0.280 | 1237.300 | 6201 | 0 | 13234 | 0.0010 | -0.0003 | 0.0004 | 1.19E+07 | 0.358 |
| 4550.320 | 1201 | 0 | 9899 | 0.0011 | -0.0002 | 0.0008 | 9.66E+06 | 0.225 | 1135.530 | 2201 | 0 | 8390 | 0.0009 | -0.0002 | 0.0006 | 9.93E+06 | 0.248 | 2042.770 | 4201 | 0 | 12777 | 0.0012 | -0.0003 | 0.0007 | 1.10E+07 | 0.279 | 1238.300 | 6201 | 0 | 13304 | 0.0010 | -0.0003 | 0.0004 | 1.19E+07 | 0.360 |
| 4551.320 | 1200 | 0 | 9969 | 0.0012 | -0.0002 | 0.0008 | 9.71E+06 | 0.224 | 1136.530 | 2201 | 0 | 8354 | 0.0010 | -0.0002 | 0.0006 | 9.97E+06 | 0.246 | 2043.770 | 4201 | 0 | 12848 | 0.0012 | -0.0003 | 0.0007 | 1.09E+07 | 0.277 | 1239.300 | 6200 | 0 | 13339 | 0.0010 | -0.0003 | 0.0004 | 1.19E+07 | 0.357 |
| 4552.320 | 1203 | 0 | 9934 | 0.0012 | -0.0002 | 0.0008 | 9.69E+06 | 0.222 | 1137.530 | 2200 | 0 | 8425 | 0.0010 | -0.0002 | 0.0006 | 9.96E+06 | 0.245 | 2044.770 | 4201 | 0 | 12883 | 0.0012 | -0.0003 | 0.0007 | 1.09E+07 | 0.279 | 1240.290 | 6200 | 0 | 13409 | 0.0011 | -0.0003 | 0.0004 | 1.19E+07 | 0.356 |
| 4553.320 | 1203 | 0 | 10004 | 0.0012 | -0.0002 | 0.0008 | 9.74E+06 | 0.223 | 1138.530 | 2201 | 0 | 8530 | 0.0009 | -0.0002 | 0.0006 | 9.93E+06 | 0.247 | 2045.770 | 4201 | 0 | 12918 | 0.0012 | -0.0003 | 0.0007 | 1.09E+07 | 0.279 | 1241.290 | 6200 | 0 | 13444 | 0.0011 | -0.0003 | 0.0004 | 1.20E+07 | 0.357 |
| 4554.320 | 1200 | 0 | 10075 | 0.0012 | -0.0002 | 0.0008 | 9.77E+06 | 0.226 | 1139.530 | 2201 | 0 | 8565 | 0.0010 | -0.0002 | 0.0006 | 9.93E+06 | 0.249 | 2046.770 | 4200 | 0 | 12988 | 0.0012 | -0.0003 | 0.0007 | 1.09E+07 | 0.279 | 1242.290 | 6199 | 0 | 13515 | 0.0011 | -0.0003 | 0.0004 | 1.20E+07 | 0.356 |
| 4555.320 | 1200 | 0 | 10075 | 0.0012 | -0.0002 | 0.0008 | 9.74E+06 | 0.228 | 1140.530 | 2200 | 0 | 8530 | 0.0010 | -0.0002 | 0.0007 | 9.74E+06 | 0.246 | 2047.770 | 4198 | 0 | 13023 | 0.0012 | -0.0003 | 0.0007 | 1.09E+07 | 0.278 | 1243.290 | 6199 | 0 | 13620 | 0.0010 | -0.0003 | 0.0004 | 1.19E+07 | 0.352 |
| 4556.320 | 1201 | 0 | 10075 | 0.0012 | -0.0002 | 0.0008 | 9.73E+06 | 0.226 | 1141.530 | 2202 | 0 | 8635 | 0.0010 | -0.0002 | 0.0007 | 9.68E+06 | 0.245 | 2048.770 | 4202 | 0 | 13093 | 0.0012 | -0.0003 | 0.0007 | 1.07E+07 | 0.276 | 1244.290 | 6200 | 0 | 13690 | 0.0011 | -0.0003 | 0.0004 | 1.19E+07 | 0.349 |
| 4557.320 | 1201 | 0 | 10110 | 0.0012 | -0.0002 | 0.0008 | 9.72E+06 | 0.228 | 1142.530 | 2201 | 0 | 8635 | 0.0010 | -0.0002 | 0.0006 | 9.77E+06 | 0.246 | 2049.760 | 4201 | 0 | 13093 | 0.0012 | -0.0003 | 0.0007 | 1.07E+07 | 0.273 | 1245.290 | 6200 | 0 | 13725 | 0.0010 | -0.0003 | 0.0004 | 1.20E+07 | 0.348 |
| 4558.320 | 1200 | 0 | 10180 | 0.0012 | -0.0002 | 0.0008 | 9.77E+06 | 0.227 | 1143.530 | 2201 | 0 | 8635 | 0.0010 | -0.0002 | 0.0006 | 9.79E+06 | 0.246 | 2050.760 | 4201 | 0 | 13164 | 0.0013 | -0.0003 | 0.0007 | 1.07E+07 | 0.272 | 1246.290 | 6199 | 0 | 13830 | 0.0011 | -0.0003 | 0.0004 | 1.19E+07 | 0.345 |
| 4559.320 | 1202 | 0 | 10215 | 0.0012 | -0.0002 | 0.0008 | 9.75E+06 | 0.226 | 1144.530 | 2198 | 0 | 8776 | 0.0010 | -0.0002 | 0.0007 | 9.86E+06 | 0.249 | 2051.760 | 4200 | 0 | 13128 | 0.0013 | -0.0003 | 0.0007 | 1.05E+07 | 0.270 | 1247.290 | 6200 | 0 | 13901 | 0.0011 | -0.0003 | 0.0004 | 1.18E+07 | 0.341 |
| 4560.320 | 1202 | 0 | 10250 | 0.0012 | -0.0002 | 0.0008 | 9.77E+06 | 0.223 | 1145.530 | 2201 | 0 | 8741 | 0.0010 | -0.0002 | 0.0007 | 9.83E+06 | 0.248 | 2052.760 | 4199 | 0 | 13199 | 0.0013 | -0.0003 | 0.0007 | 1.05E+07 | 0.269 | 1248.290 | 6199 | 0 | 13936 | 0.0011 | -0.0003 | 0.0004 | 1.18E+07 | 0.342 |
| 4561.320 | 1201 | 0 | 10320 | 0.0012 | -0.0002 | 0.0008 | 9.88E+06 | 0.225 | 1146.530 | 2200 | 0 | 8811 | 0.0010 | -0.0002 | 0.0007 | 9.89E+06 | 0.249 | 2053.760 | 4199 | 0 | 13234 | 0.0013 | -0.0003 | 0.0007 | 1.04E+07 | 0.268 | 1249.290 | 6199 | 0 | 13971 | 0.0011 | -0.0003 | 0.0004 | 1.19E+07 | 0.341 |
| 4562.320 | 1200 | 0 | 10355 | 0.0012 | -0.0002 | 0.0008 | 1.01E+07 | 0.228 | 1147.530 | 2201 | 0 | 8811 | 0.0010 | -0.0002 | 0.0007 | 1.00E+07 | 0.250 | 2054.760 | 4201 | 0 | 13269 | 0.0013 | -0.0003 | 0.0007 | 1.04E+07 | 0.267 | 1250.290 | 6200 | 0 | 14006 | 0.0011 | -0.0003 | 0.0004 | 1.18E+07 | 0.340 |
| 4563.320 | 1201 | 0 | 10355 | 0.0012 | -0.0002 | 0.0008 | 1.01E+07 | 0.227 | 1148.530 | 2201 | 0 | 8916 | 0.0010 | -0.0002 | 0.0006 | 1.01E+07 | 0.251 | 2055.760 | 4202 | 0 | 13374 | 0.0013 | -0.0003 | 0.0007 | 1.03E+07 | 0.268 | 1251.290 | 6200 | 0 | 14076 | 0.0011 | -0.0003 | 0.0004 | 1.18E+07 | 0.339 |
| 4564.320 | 1203 | 0 | 10461 | 0.0012 | -0.0002 | 0.0008 | 1.00E+07 | 0.225 | 1149.530 | 2201 | 0 | 8951 | 0.0010 | -0.0002 | 0.0007 | 1.00E+07 | 0.248 | 2056.760 | 4201 | 0 | 13304 | 0.0013 | -0.0003 | 0.0007 | 1.03E+07 | 0.269 | 1252.290 | 6201 | 0 | 14182 | 0.0011 | -0.0003 | 0.0004 | 1.18E+07 | 0.341 |
| 4565.320 | 1202 | 0 | 10531 | 0.0012 | -0.0002 | 0.0008 | 9.96E+06 | 0.224 | 1150.530 | 2200 | 0 | 8951 | 0.0010 | -0.0002 | 0.0007 | 9.90E+06 | 0.246 | 2057.760 | 4202 | 0 | 13374 | 0.0013 | -0.0003 | 0.0007 | 1.02E+07 | 0.270 | 1253.290 | 6201 | 0 | 14182 | 0.0011 | -0.0003 | 0.0004 | 1.19E+07 | 0.342 |
| 4566.320 | 1200 | 0 | 10531 | 0.0012 | -0.0002 | 0.0008 | 9.87E+06 | 0.224 | 1151.530 | 2202 | 0 | 8986 | 0.0010 | -0.0002 | 0.0007 | 9.95E+06 | 0.249 | 2058.760 | 4202 | 0 | 13444 | 0.0013 | -0.0003 | 0.0007 | 1.02E+07 | 0.271 | 1254.290 | 6199 | 0 | 14252 | 0.0011 | -0.0003 | 0.0005 | 1.19E+07 | 0.344 |
| 4567.320 | 1201 | 0 | 10566 | 0.0012 | -0.0002 | 0.0008 | 9.92E+06 | 0.228 | 1152.530 | 2200 | 0 | 9057 | 0.0010 | -0.0002 | 0.0007 | 1.00E+07 | 0.250 | 2059.760 | 4201 | 0 | 13479 | 0.0013 | -0.0003 | 0.0007 | 1.02E+07 | 0.273 | 1255.290 | 6200 | 0 | 14287 | 0.0011 | -0.0003 | 0.0005 | 1.19E+07 | 0.343 |
| 4568.310 | 1201 | 0 | 10566 | 0.0012 | -0.0002 | 0.0008 | 9.97E+06 | 0.230 | 1153.530 | 2200 | 0 | 9092 | 0.0010 | -0.0002 | 0.0007 | 1.00E+07 | 0.249 | 2060.760 | 4200 | 0 | 13515 | 0.0013 | -0.0003 | 0.0007 | 1.02E+07 | 0.274 | 1256.290 | 6201 | 0 | 14357 | 0.0011 | -0.0003 | 0.0004 | 1.19E+07 | 0.344 |
| 4569.310 | 1202 | 0 | 10566 | 0.0012 | -0.0002 | 0.0008 | 9.95E+06 | 0.228 | 1154.520 | 2201 | 0 | 9197 | 0.0010 | -0.0002 | 0.0007 | 9.92E+06 | 0.248 | 2061.760 | 4199 | 0 | 13550 | 0.0013 | -0.0003 | 0.0007 | 1.03E+07 | 0.274 | 1257.290 | 6200 | 0 | 14427 | 0.0011 | -0.0003 | 0.0005 | 1.19E+07 | 0.344 |
| 4570.310 | 1200 | 0 | 10671 | 0.0012 | -0.0002 | 0.0008 | 9.92E+06 | 0.228 | 1155.520 | 2201 | 0 | 9197 | 0.0010 | -0.0002 | 0.0007 | 9.83E+06 | 0.245 | 2062.760 | 4200 | 0 | 13655 | 0.0013 | -0.0003 | 0.0007 | 1.02E+07 | 0.273 | 1258.290 | 6200 | 0 | 14497 | 0.0011 | -0.0003 | 0.0005 | 1.19E+07 | 0.347 |
| 4571.310 | 1201 | 0 | 10706 | 0.0012 | -0.0002 | 0.0008 | 9.92E+06 | 0.226 | 1156.520 | 2201 | 0 | 9197 | 0.0010 | -0.0002 | 0.0007 | 9.92E+06 | 0.245 | 2063.760 | 4200 | 0 | 13620 | 0.0013 | -0.0003 | 0.0007 | 1.03E+07 | 0.274 | 1259.290 | 6199 | 0 | 14533 | 0.0011 | -0.0003 | 0.0005 | 1.20E+07 | 0.349 |
| 4572.310 | 1201 | 0 | 10671 | 0.0012 | -0.0002 | 0.0008 | 9.79E+06 | 0.227 | 1157.520 | 2201 | 0 | 9267 | 0.0010 | -0.0002 | 0.0007 | 9.84E+06 | 0.244 | 2064.760 | 4201 | 0 | 13725 | 0.0013 | -0.0003 | 0.0007 | 1.02E+07 | 0.274 | 1260.290 | 6199 | 0 | 14533 | 0.0011 | -0.0003 | 0.0005 | 1.20E+07 | 0.350 |
| 4573.310 | 1199 | 0 | 10777 | 0.0012 | -0.0002 | 0.0008 | 9.79E+06 | 0.227 | 1158.520 | 2201 | 0 | 9302 | 0.0010 | -0.0002 | 0.0007 | 9.81E+06 | 0.244 | 2065.760 | 4201 | 0 | 13725 | 0.0013 | -0.0003 | 0.0007 | 1.03E+07 | 0.277 | 1261.290 | 6200 | 0 | 14638 | 0.0011 | -0.0003 | 0.0004 | 1.19E+07 | 0.349 |
| 4574.310 | 1200 | 0 | 10777 | 0.0012 | -0.0002 | 0.0008 | 9.82E+06 | 0.226 | 1159.520 | 2200 | 0 | 9267 | 0.0010 | -0.0002 | 0.0007 | 9.85E+06 | 0.245 | 2066.760 | 4199 | 0 | 13795 | 0.0013 | -0.0003 | 0.0007 | 1.02E+07 | 0.277 | 1262.290 | 6202 | 0 | 14638 | 0.0011 | -0.0003 | 0.0005 | 1.18E+07 | 0.347 |
| 4575.310 | 1199 | 0 | 10847 | 0.0012 | -0.0002 | 0.0008 | 9.88E+06 | 0.227 | 1160.520 | 2200 | 0 | 9337 | 0.0010 | -0.0002 | 0.0007 | 9.88E+06 | 0.245 | 2067.760 | 4201 | 0 | 13830 | 0.0013 | -0.0003 | 0.0007 | 1.02E+07 | 0.276 | 1263.290 | 6200 | 0 | 14708 | 0.0011 | -0.0003 | 0.0005 | 1.17E+07 | 0.345 |
| 4576.310 | 1201 | 0 | 10917 | 0.0012 | -0.0002 | 0.0008 | 9.92E+06 | 0.226 | 1161.520 | 2201 | 0 | 9443 | 0.0011 | -0.0002 | 0.0007 | 9.94E+06 | 0.246 | 2068.760 | 4200 | 0 | 13795 | 0.0013 | -0.0003 | 0.0007 | 1.01E+07 | 0.276 | 1264.290 | 6199 | 0 | 14743 | 0.0012 | -0.0003 | 0.0005 | 1.17E+07 | 0.346 |
| 4577.310 | 1203 | 0 | 10917 | 0.0013 | -0.0002 | 0.0008 | 1.00E+07 | 0.225 | 1162.520 | 2201 | 0 | 9513 | 0.0011 | -0.0002 | 0.0007 | 9.85E+06 | 0.245 | 2069.760 | 4200 | 0 | 13866 | 0.0013 | -0.0003 | 0.0007 | 1.01E+07 | 0.276 | 1265.290 | 6199 | 0 | 14743 | 0.0012 | -0.0003 | 0.0005 | 1.16E+07 | 0.347 |
| 4578.310 | 1202 | 0 | 11022 | 0.0012 | -0.0002 | 0.0008 | 9.98E+06 | 0.225 | 1163.520 | 2200 | 0 | 9443 | 0.0011 | -0.0002 | 0.0007 | 9.87E+06 | 0.247 | 2070.760 | 4199 | 0 | 13901 | 0.0013 | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------|------|---|-------|--------|---------|--------|----------|-------|----------|------|---|-------|--------|---------|--------|----------|-------|----------|------|---|-------|--------|---------|--------|----------|-------|----------|------|---|-------|--------|---------|--------|----------|-------|
| 4625.300 | 1201 | 0 | 12883 | 0.0014 | -0.0003 | 0.0009 | 1.04E+07 | 0.263 | 1210.510 | 2201 | 0 | 11443 | 0.0012 | -0.0002 | 0.0008 | 1.04E+07 | 0.283 | 2117.740 | 4202 | 0 | 15831 | 0.0015 | -0.0004 | 0.0008 | 1.12E+07 | 0.315 | 1313.270 | 6199 | 0 | 16674 | 0.0013 | -0.0004 | 0.0005 | 1.17E+07 | 0.379 |
| 4626.300 | 1202 | 0 | 12848 | 0.0014 | -0.0003 | 0.0009 | 1.05E+07 | 0.262 | 1211.510 | 2200 | 0 | 11479 | 0.0012 | -0.0002 | 0.0008 | 1.04E+07 | 0.284 | 2118.740 | 4201 | 0 | 15867 | 0.0015 | -0.0004 | 0.0008 | 1.12E+07 | 0.317 | 1314.270 | 6201 | 0 | 16674 | 0.0013 | -0.0004 | 0.0005 | 1.17E+07 | 0.377 |
| 4627.300 | 1200 | 0 | 12918 | 0.0014 | -0.0003 | 0.0009 | 1.05E+07 | 0.262 | 1212.510 | 2201 | 0 | 11514 | 0.0013 | -0.0002 | 0.0008 | 1.05E+07 | 0.284 | 2119.740 | 4201 | 0 | 15972 | 0.0015 | -0.0004 | 0.0008 | 1.11E+07 | 0.315 | 1315.270 | 6201 | 0 | 16709 | 0.0013 | -0.0004 | 0.0005 | 1.18E+07 | 0.384 |
| 4628.300 | 1198 | 0 | 12918 | 0.0014 | -0.0003 | 0.0009 | 1.06E+07 | 0.264 | 1213.510 | 2201 | 0 | 11584 | 0.0013 | -0.0002 | 0.0008 | 1.04E+07 | 0.283 | 2120.740 | 4204 | 0 | 16007 | 0.0015 | -0.0004 | 0.0008 | 1.11E+07 | 0.314 | 1316.270 | 6200 | 0 | 16744 | 0.0013 | -0.0004 | 0.0005 | 1.18E+07 | 0.384 |
| 4629.300 | 1202 | 0 | 13023 | 0.0014 | -0.0003 | 0.0009 | 1.06E+07 | 0.264 | 1214.510 | 2201 | 0 | 11619 | 0.0013 | -0.0002 | 0.0008 | 1.05E+07 | 0.285 | 2121.740 | 4200 | 0 | 16077 | 0.0015 | -0.0004 | 0.0008 | 1.11E+07 | 0.312 | 1317.270 | 6200 | 0 | 16779 | 0.0013 | -0.0004 | 0.0005 | 1.19E+07 | 0.388 |
| 4630.300 | 1201 | 0 | 13058 | 0.0014 | -0.0003 | 0.0009 | 1.06E+07 | 0.262 | 1215.510 | 2200 | 0 | 11689 | 0.0013 | -0.0002 | 0.0008 | 1.04E+07 | 0.285 | 2122.740 | 4201 | 0 | 16077 | 0.0015 | -0.0004 | 0.0008 | 1.11E+07 | 0.312 | 1318.270 | 6200 | 0 | 16885 | 0.0013 | -0.0004 | 0.0005 | 1.21E+07 | 0.392 |
| 4631.290 | 1202 | 0 | 13058 | 0.0015 | -0.0003 | 0.0009 | 1.06E+07 | 0.262 | 1216.500 | 2201 | 0 | 11654 | 0.0013 | -0.0002 | 0.0008 | 1.04E+07 | 0.284 | 2123.740 | 4201 | 0 | 16147 | 0.0015 | -0.0004 | 0.0008 | 1.11E+07 | 0.312 | 1319.270 | 6200 | 0 | 16885 | 0.0013 | -0.0004 | 0.0005 | 1.20E+07 | 0.390 |
| 4632.290 | 1202 | 0 | 13093 | 0.0015 | -0.0003 | 0.0009 | 1.05E+07 | 0.260 | 1217.500 | 2201 | 0 | 11724 | 0.0013 | -0.0002 | 0.0008 | 1.05E+07 | 0.288 | 2124.740 | 4201 | 0 | 16112 | 0.0015 | -0.0004 | 0.0008 | 1.11E+07 | 0.312 | 1320.270 | 6199 | 0 | 16955 | 0.0013 | -0.0004 | 0.0005 | 1.21E+07 | 0.391 |
| 4633.290 | 1202 | 0 | 13164 | 0.0015 | -0.0003 | 0.0009 | 1.05E+07 | 0.261 | 1218.500 | 2201 | 0 | 11794 | 0.0013 | -0.0002 | 0.0008 | 1.05E+07 | 0.287 | 2125.740 | 4199 | 0 | 16253 | 0.0015 | -0.0004 | 0.0008 | 1.12E+07 | 0.313 | 1321.270 | 6201 | 0 | 16990 | 0.0013 | -0.0004 | 0.0005 | 1.22E+07 | 0.393 |
| 4634.290 | 1202 | 0 | 13234 | 0.0015 | -0.0003 | 0.0009 | 1.05E+07 | 0.262 | 1219.500 | 2201 | 0 | 11794 | 0.0013 | -0.0002 | 0.0008 | 1.05E+07 | 0.287 | 2126.740 | 4202 | 0 | 16253 | 0.0016 | -0.0004 | 0.0008 | 1.13E+07 | 0.317 | 1322.270 | 6199 | 0 | 17025 | 0.0013 | -0.0004 | 0.0005 | 1.21E+07 | 0.395 |
| 4635.290 | 1204 | 0 | 13269 | 0.0015 | -0.0003 | 0.0010 | 1.05E+07 | 0.264 | 1220.500 | 2201 | 0 | 11865 | 0.0013 | -0.0002 | 0.0008 | 1.04E+07 | 0.283 | 2127.740 | 4199 | 0 | 16358 | 0.0016 | -0.0004 | 0.0008 | 1.14E+07 | 0.320 | 1323.270 | 6200 | 0 | 17095 | 0.0013 | -0.0004 | 0.0005 | 1.21E+07 | 0.391 |
| 4636.290 | 1202 | 0 | 13374 | 0.0015 | -0.0003 | 0.0009 | 1.05E+07 | 0.261 | 1221.500 | 2201 | 0 | 11935 | 0.0013 | -0.0002 | 0.0008 | 1.05E+07 | 0.284 | 2128.740 | 4200 | 0 | 16288 | 0.0016 | -0.0004 | 0.0008 | 1.14E+07 | 0.321 | 1324.270 | 6200 | 0 | 17165 | 0.0014 | -0.0004 | 0.0005 | 1.21E+07 | 0.392 |
| 4637.290 | 1202 | 0 | 13409 | 0.0015 | -0.0003 | 0.0009 | 1.05E+07 | 0.262 | 1222.500 | 2200 | 0 | 11970 | 0.0013 | -0.0002 | 0.0008 | 1.05E+07 | 0.286 | 2129.740 | 4200 | 0 | 16288 | 0.0016 | -0.0004 | 0.0008 | 1.14E+07 | 0.322 | 1325.270 | 6201 | 0 | 17130 | 0.0014 | -0.0004 | 0.0005 | 1.20E+07 | 0.393 |
| 4638.290 | 1199 | 0 | 13409 | 0.0015 | -0.0003 | 0.0009 | 1.04E+07 | 0.260 | 1223.500 | 2200 | 0 | 11970 | 0.0013 | -0.0003 | 0.0008 | 1.06E+07 | 0.286 | 2130.740 | 4202 | 0 | 16428 | 0.0016 | -0.0004 | 0.0008 | 1.14E+07 | 0.321 | 1326.270 | 6199 | 0 | 17130 | 0.0014 | -0.0004 | 0.0005 | 1.21E+07 | 0.395 |
| 4639.290 | 1202 | 0 | 13409 | 0.0015 | -0.0003 | 0.0009 | 1.04E+07 | 0.259 | 1224.500 | 2201 | 0 | 12005 | 0.0013 | -0.0003 | 0.0008 | 1.05E+07 | 0.284 | 2131.740 | 4202 | 0 | 16428 | 0.0016 | -0.0004 | 0.0008 | 1.14E+07 | 0.322 | 1327.270 | 6201 | 0 | 17236 | 0.0013 | -0.0004 | 0.0005 | 1.21E+07 | 0.397 |
| 4640.290 | 1199 | 0 | 13480 | 0.0015 | -0.0003 | 0.0009 | 1.04E+07 | 0.257 | 1225.500 | 2201 | 0 | 12075 | 0.0013 | -0.0003 | 0.0008 | 1.06E+07 | 0.286 | 2132.740 | 4201 | 0 | 16463 | 0.0016 | -0.0004 | 0.0008 | 1.15E+07 | 0.322 | 1328.270 | 6200 | 0 | 17200 | 0.0014 | -0.0004 | 0.0005 | 1.21E+07 | 0.398 |
| 4641.290 | 1199 | 0 | 13515 | 0.0015 | -0.0003 | 0.0010 | 1.04E+07 | 0.257 | 1226.500 | 2201 | 0 | 12181 | 0.0013 | -0.0003 | 0.0008 | 1.06E+07 | 0.287 | 2133.740 | 4199 | 0 | 16533 | 0.0016 | -0.0004 | 0.0008 | 1.14E+07 | 0.321 | 1329.270 | 6200 | 0 | 17341 | 0.0014 | -0.0004 | 0.0005 | 1.21E+07 | 0.393 |
| 4642.290 | 1202 | 0 | 13585 | 0.0015 | -0.0003 | 0.0010 | 1.03E+07 | 0.256 | 1227.500 | 2201 | 0 | 12181 | 0.0013 | -0.0003 | 0.0008 | 1.06E+07 | 0.288 | 2134.740 | 4200 | 0 | 16533 | 0.0016 | -0.0004 | 0.0008 | 1.15E+07 | 0.323 | 1330.270 | 6200 | 0 | 17341 | 0.0014 | -0.0004 | 0.0005 | 1.19E+07 | 0.390 |
| 4643.290 | 1201 | 0 | 13620 | 0.0015 | -0.0003 | 0.0010 | 1.03E+07 | 0.256 | 1228.500 | 2201 | 0 | 12146 | 0.0013 | -0.0003 | 0.0008 | 1.07E+07 | 0.290 | 2135.740 | 4200 | 0 | 16569 | 0.0016 | -0.0004 | 0.0008 | 1.16E+07 | 0.324 | 1331.270 | 6199 | 0 | 17411 | 0.0014 | -0.0004 | 0.0005 | 1.19E+07 | 0.390 |
| 4644.290 | 1200 | 0 | 13620 | 0.0015 | -0.0003 | 0.0010 | 1.03E+07 | 0.254 | 1229.500 | 2201 | 0 | 12251 | 0.0013 | -0.0003 | 0.0008 | 1.09E+07 | 0.293 | 2136.740 | 4199 | 0 | 16639 | 0.0016 | -0.0004 | 0.0008 | 1.16E+07 | 0.322 | 1332.270 | 6198 | 0 | 17446 | 0.0014 | -0.0004 | 0.0005 | 1.19E+07 | 0.391 |
| 4645.290 | 1199 | 0 | 13725 | 0.0015 | -0.0003 | 0.0010 | 1.03E+07 | 0.254 | 1230.500 | 2202 | 0 | 12251 | 0.0013 | -0.0003 | 0.0008 | 1.10E+07 | 0.294 | 2137.740 | 4199 | 0 | 16709 | 0.0016 | -0.0004 | 0.0008 | 1.17E+07 | 0.322 | 1333.270 | 6201 | 0 | 17446 | 0.0014 | -0.0004 | 0.0005 | 1.19E+07 | 0.391 |
| 4646.290 | 1202 | 0 | 13760 | 0.0015 | -0.0003 | 0.0010 | 1.02E+07 | 0.253 | 1231.500 | 2201 | 0 | 12356 | 0.0013 | -0.0003 | 0.0008 | 1.10E+07 | 0.293 | 2138.740 | 4200 | 0 | 16744 | 0.0016 | -0.0004 | 0.0008 | 1.18E+07 | 0.323 | 1334.260 | 6199 | 0 | 17481 | 0.0014 | -0.0004 | 0.0005 | 1.17E+07 | 0.385 |
| 4647.290 | 1201 | 0 | 13795 | 0.0015 | -0.0003 | 0.0010 | 1.03E+07 | 0.254 | 1232.500 | 2201 | 0 | 12391 | 0.0013 | -0.0003 | 0.0008 | 1.10E+07 | 0.295 | 2139.740 | 4203 | 0 | 16744 | 0.0016 | -0.0004 | 0.0008 | 1.18E+07 | 0.323 | 1335.260 | 6200 | 0 | 17551 | 0.0014 | -0.0004 | 0.0005 | 1.16E+07 | 0.384 |
| 4648.290 | 1202 | 0 | 13866 | 0.0015 | -0.0003 | 0.0010 | 1.02E+07 | 0.253 | 1233.500 | 2200 | 0 | 12426 | 0.0013 | -0.0003 | 0.0008 | 1.10E+07 | 0.296 | 2140.740 | 4201 | 0 | 16849 | 0.0016 | -0.0004 | 0.0008 | 1.19E+07 | 0.323 | 1336.260 | 6200 | 0 | 17587 | 0.0014 | -0.0004 | 0.0005 | 1.16E+07 | 0.383 |
| 4649.290 | 1204 | 0 | 13901 | 0.0015 | -0.0003 | 0.0010 | 1.01E+07 | 0.253 | 1234.500 | 2201 | 0 | 12461 | 0.0013 | -0.0003 | 0.0008 | 1.10E+07 | 0.295 | 2141.740 | 4200 | 0 | 16885 | 0.0016 | -0.0004 | 0.0008 | 1.19E+07 | 0.321 | 1337.260 | 6199 | 0 | 17587 | 0.0014 | -0.0004 | 0.0005 | 1.15E+07 | 0.379 |
| 4650.290 | 1202 | 0 | 13971 | 0.0015 | -0.0003 | 0.0010 | 1.02E+07 | 0.255 | 1235.500 | 2201 | 0 | 12461 | 0.0013 | -0.0003 | 0.0008 | 1.11E+07 | 0.299 | 2142.740 | 4200 | 0 | 16920 | 0.0016 | -0.0004 | 0.0008 | 1.17E+07 | 0.320 | 1338.260 | 6200 | 0 | 17657 | 0.0014 | -0.0004 | 0.0005 | 1.14E+07 | 0.379 |
| 4651.290 | 1201 | 0 | 14041 | 0.0015 | -0.0003 | 0.0010 | 1.01E+07 | 0.255 | 1236.500 | 2201 | 0 | 12532 | 0.0013 | -0.0003 | 0.0008 | 1.12E+07 | 0.301 | 2143.730 | 4200 | 0 | 16955 | 0.0016 | -0.0004 | 0.0008 | 1.16E+07 | 0.316 | 1339.260 | 6201 | 0 | 17727 | 0.0014 | -0.0004 | 0.0005 | 1.14E+07 | 0.379 |
| 4652.290 | 1202 | 0 | 14006 | 0.0015 | -0.0003 | 0.0010 | 1.00E+07 | 0.255 | 1237.500 | 2201 | 0 | 12567 | 0.0013 | -0.0003 | 0.0008 | 1.12E+07 | 0.302 | 2144.730 | 4201 | 0 | 16955 | 0.0016 | -0.0004 | 0.0009 | 1.16E+07 | 0.314 | 1340.260 | 6201 | 0 | 17762 | 0.0014 | -0.0004 | 0.0005 | 1.15E+07 | 0.380 |
| 4653.290 | 1202 | 0 | 14076 | 0.0016 | -0.0003 | 0.0010 | 1.01E+07 | 0.255 | 1238.500 | 2201 | 0 | 12672 | 0.0014 | -0.0003 | 0.0008 | 1.12E+07 | 0.304 | 2145.730 | 4203 | 0 | 17025 | 0.0016 | -0.0004 | 0.0008 | 1.16E+07 | 0.313 | 1341.260 | 6200 | 0 | 17797 | 0.0014 | -0.0004 | 0.0005 | 1.15E+07 | 0.383 |
| 4654.290 | 1201 | 0 | 14076 | 0.0016 | -0.0003 | 0.0010 | 1.00E+07 | 0.256 | 1239.500 | 2201 | 0 | 12637 | 0.0014 | -0.0003 | 0.0008 | 1.12E+07 | 0.304 | 2146.730 | 4201 | 0 | 17095 | 0.0016 | -0.0004 | 0.0009 | 1.16E+07 | 0.313 | 1342.260 | 6201 | 0 | 17832 | 0.0014 | -0.0004 | 0.0005 | 1.15E+07 | 0.384 |
| 4655.290 | 1200 | 0 | 14146 | 0.0015 | -0.0003 | 0.0010 | 1.01E+07 | 0.257 | 1240.500 | 2201 | 0 | 12672 | 0.0014 | -0.0003 | 0.0008 | 1.12E+07 | 0.305 | 2147.730 | 4202 | 0 | 17165 | 0.0016 | -0.0004 | 0.0009 | 1.16E+07 | 0.314 | 1343.260 | 6200 | 0 | 17867 | 0.0014 | -0.0004 | 0.0005 | 1.14E+07 | 0.383 |
| 4656.290 | 1200 | 0 | 14146 | 0.0016 | -0.0003 | 0.0010 | 1.01E+07 | 0.258 | 1241.500 | 2201 | 0 | 12777 | 0.0014 | -0.0003 | 0.0008 | 1.13E+07 | 0.303 | 2148.730 | 4200 | 0 | 17236 | 0.0016 | -0.0004 | 0.0008 | 1.16E+07 | 0.312 | 1344.260 | 6199 | 0 | 17867 | 0.0014 | -0.0004 | 0.0005 | 1.14E+07 | 0.384 |
| 4657.290 | 1201 | 0 | 14182 | 0.0016 | -0.0003 | 0.0010 | 1.01E+07 | 0.260 | 1242.500 | 2201 | 0 | 12812 | 0.0014 | -0.0003 | 0.0008 | 1.13E+07 | 0.304 | 2149.7 | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------|------|---|-------|--------|---------|--------|----------|-------|----------|------|---|-------|--------|---------|--------|----------|-------|----------|------|---|-------|--------|---------|--------|----------|-------|----------|------|---|-------|--------|---------|--------|----------|-------|
| 4704.270 | 1200 | 0 | 16112 | 0.0017 | -0.0003 | 0.0011 | 1.01E+07 | 0.311 | 1289.480 | 2203 | 0 | 14848 | 0.0016 | -0.0003 | 0.0009 | 1.11E+07 | 0.319 | 2196.720 | 4201 | 0 | 19236 | 0.0018 | -0.0004 | 0.0009 | 1.11E+07 | 0.335 | 1392.250 | 6199 | 0 | 19868 | 0.0016 | -0.0005 | 0.0006 | 1.16E+07 | 0.374 |
| 4705.270 | 1201 | 0 | 16147 | 0.0017 | -0.0003 | 0.0011 | 1.01E+07 | 0.312 | 1290.480 | 2201 | 0 | 14813 | 0.0015 | -0.0003 | 0.0009 | 1.12E+07 | 0.317 | 2197.720 | 4202 | 0 | 19342 | 0.0018 | -0.0005 | 0.0009 | 1.12E+07 | 0.339 | 1393.250 | 6200 | 0 | 19973 | 0.0016 | -0.0005 | 0.0006 | 1.16E+07 | 0.375 |
| 4706.270 | 1200 | 0 | 16253 | 0.0017 | -0.0003 | 0.0011 | 1.02E+07 | 0.313 | 1291.480 | 2201 | 0 | 14884 | 0.0016 | -0.0003 | 0.0009 | 1.12E+07 | 0.318 | 2198.720 | 4202 | 0 | 19412 | 0.0018 | -0.0005 | 0.0009 | 1.11E+07 | 0.337 | 1394.250 | 6199 | 0 | 20009 | 0.0016 | -0.0005 | 0.0006 | 1.16E+07 | 0.374 |
| 4707.270 | 1200 | 0 | 16218 | 0.0018 | -0.0003 | 0.0011 | 1.02E+07 | 0.313 | 1292.480 | 2201 | 0 | 14954 | 0.0016 | -0.0003 | 0.0009 | 1.12E+07 | 0.319 | 2199.720 | 4200 | 0 | 19342 | 0.0018 | -0.0005 | 0.0009 | 1.10E+07 | 0.335 | 1395.250 | 6198 | 0 | 20044 | 0.0016 | -0.0005 | 0.0006 | 1.16E+07 | 0.374 |
| 4708.270 | 1202 | 0 | 16218 | 0.0018 | -0.0003 | 0.0011 | 1.02E+07 | 0.312 | 1293.480 | 2201 | 0 | 15059 | 0.0015 | -0.0003 | 0.0009 | 1.14E+07 | 0.323 | 2200.720 | 4200 | 0 | 19412 | 0.0018 | -0.0005 | 0.0009 | 1.09E+07 | 0.337 | 1396.240 | 6199 | 0 | 20044 | 0.0016 | -0.0005 | 0.0006 | 1.16E+07 | 0.375 |
| 4709.270 | 1202 | 0 | 16323 | 0.0018 | -0.0003 | 0.0011 | 1.01E+07 | 0.312 | 1294.480 | 2201 | 0 | 15024 | 0.0016 | -0.0003 | 0.0009 | 1.14E+07 | 0.322 | 2201.720 | 4198 | 0 | 19482 | 0.0018 | -0.0005 | 0.0009 | 1.07E+07 | 0.335 | 1397.240 | 6200 | 0 | 20079 | 0.0016 | -0.0005 | 0.0006 | 1.15E+07 | 0.374 |
| 4710.270 | 1200 | 0 | 16323 | 0.0018 | -0.0003 | 0.0011 | 1.02E+07 | 0.313 | 1295.480 | 2201 | 0 | 15094 | 0.0016 | -0.0003 | 0.0009 | 1.14E+07 | 0.323 | 2202.720 | 4200 | 0 | 19482 | 0.0018 | -0.0005 | 0.0009 | 1.07E+07 | 0.336 | 1398.240 | 6199 | 0 | 20114 | 0.0016 | -0.0005 | 0.0006 | 1.15E+07 | 0.374 |
| 4711.270 | 1199 | 0 | 16358 | 0.0018 | -0.0003 | 0.0011 | 1.03E+07 | 0.313 | 1296.480 | 2201 | 0 | 15059 | 0.0016 | -0.0003 | 0.0009 | 1.13E+07 | 0.322 | 2203.720 | 4203 | 0 | 19552 | 0.0018 | -0.0005 | 0.0009 | 1.07E+07 | 0.339 | 1399.240 | 6201 | 0 | 20184 | 0.0016 | -0.0005 | 0.0006 | 1.16E+07 | 0.373 |
| 4712.270 | 1201 | 0 | 16393 | 0.0018 | -0.0004 | 0.0011 | 1.03E+07 | 0.315 | 1297.480 | 2201 | 0 | 15164 | 0.0016 | -0.0003 | 0.0009 | 1.14E+07 | 0.322 | 2204.720 | 4202 | 0 | 19658 | 0.0018 | -0.0005 | 0.0009 | 1.07E+07 | 0.336 | 1400.240 | 6199 | 0 | 20149 | 0.0016 | -0.0005 | 0.0006 | 1.15E+07 | 0.371 |
| 4713.270 | 1200 | 0 | 16428 | 0.0018 | -0.0003 | 0.0011 | 1.02E+07 | 0.316 | 1298.480 | 2201 | 0 | 15235 | 0.0016 | -0.0003 | 0.0009 | 1.14E+07 | 0.324 | 2205.710 | 4199 | 0 | 19693 | 0.0018 | -0.0005 | 0.0009 | 1.06E+07 | 0.336 | 1401.240 | 6200 | 0 | 20219 | 0.0016 | -0.0005 | 0.0006 | 1.16E+07 | 0.373 |
| 4714.270 | 1200 | 0 | 16463 | 0.0018 | -0.0003 | 0.0011 | 1.02E+07 | 0.315 | 1299.480 | 2203 | 0 | 15235 | 0.0016 | -0.0003 | 0.0009 | 1.15E+07 | 0.324 | 2206.710 | 4202 | 0 | 19658 | 0.0019 | -0.0005 | 0.0009 | 1.06E+07 | 0.335 | 1402.240 | 6200 | 0 | 20254 | 0.0016 | -0.0005 | 0.0006 | 1.15E+07 | 0.374 |
| 4715.270 | 1201 | 0 | 16463 | 0.0018 | -0.0004 | 0.0011 | 1.01E+07 | 0.314 | 1300.480 | 2201 | 0 | 15305 | 0.0016 | -0.0003 | 0.0009 | 1.13E+07 | 0.323 | 2207.710 | 4201 | 0 | 19728 | 0.0019 | -0.0005 | 0.0009 | 1.05E+07 | 0.334 | 1403.240 | 6199 | 0 | 20324 | 0.0016 | -0.0005 | 0.0006 | 1.14E+07 | 0.371 |
| 4716.270 | 1202 | 0 | 16533 | 0.0018 | -0.0004 | 0.0011 | 1.02E+07 | 0.316 | 1301.480 | 2201 | 0 | 15340 | 0.0016 | -0.0003 | 0.0009 | 1.13E+07 | 0.322 | 2208.710 | 4201 | 0 | 19763 | 0.0019 | -0.0005 | 0.0009 | 1.05E+07 | 0.336 | 1404.240 | 6201 | 0 | 20395 | 0.0016 | -0.0005 | 0.0006 | 1.13E+07 | 0.369 |
| 4717.270 | 1201 | 0 | 16604 | 0.0018 | -0.0004 | 0.0011 | 1.01E+07 | 0.313 | 1302.480 | 2201 | 0 | 15445 | 0.0016 | -0.0003 | 0.0009 | 1.14E+07 | 0.325 | 2209.710 | 4200 | 0 | 19798 | 0.0019 | -0.0005 | 0.0009 | 1.06E+07 | 0.340 | 1405.240 | 6199 | 0 | 20395 | 0.0016 | -0.0005 | 0.0006 | 1.12E+07 | 0.367 |
| 4718.270 | 1201 | 0 | 16639 | 0.0018 | -0.0004 | 0.0011 | 1.01E+07 | 0.313 | 1303.480 | 2201 | 0 | 15410 | 0.0016 | -0.0003 | 0.0009 | 1.14E+07 | 0.327 | 2210.710 | 4200 | 0 | 19903 | 0.0019 | -0.0005 | 0.0009 | 1.06E+07 | 0.340 | 1406.240 | 6200 | 0 | 20465 | 0.0016 | -0.0005 | 0.0006 | 1.12E+07 | 0.369 |
| 4719.270 | 1202 | 0 | 16674 | 0.0018 | -0.0004 | 0.0011 | 1.00E+07 | 0.313 | 1304.480 | 2201 | 0 | 15480 | 0.0016 | -0.0003 | 0.0009 | 1.13E+07 | 0.326 | 2211.710 | 4203 | 0 | 19938 | 0.0019 | -0.0005 | 0.0009 | 1.06E+07 | 0.338 | 1407.240 | 6199 | 0 | 20535 | 0.0016 | -0.0005 | 0.0006 | 1.12E+07 | 0.368 |
| 4720.270 | 1201 | 0 | 16709 | 0.0018 | -0.0004 | 0.0011 | 1.01E+07 | 0.311 | 1305.480 | 2201 | 0 | 15551 | 0.0016 | -0.0003 | 0.0009 | 1.14E+07 | 0.328 | 2212.710 | 4203 | 0 | 19973 | 0.0019 | -0.0005 | 0.0009 | 1.06E+07 | 0.339 | 1408.240 | 6200 | 0 | 20500 | 0.0016 | -0.0005 | 0.0006 | 1.11E+07 | 0.367 |
| 4721.270 | 1201 | 0 | 16709 | 0.0018 | -0.0004 | 0.0011 | 9.98E+06 | 0.310 | 1306.480 | 2201 | 0 | 15586 | 0.0016 | -0.0003 | 0.0009 | 1.12E+07 | 0.326 | 2213.710 | 4202 | 0 | 20044 | 0.0019 | -0.0005 | 0.0009 | 1.06E+07 | 0.339 | 1409.240 | 6200 | 0 | 20605 | 0.0017 | -0.0005 | 0.0006 | 1.10E+07 | 0.363 |
| 4722.270 | 1201 | 0 | 16814 | 0.0018 | -0.0004 | 0.0011 | 1.00E+07 | 0.313 | 1307.480 | 2201 | 0 | 15586 | 0.0016 | -0.0004 | 0.0009 | 1.12E+07 | 0.324 | 2214.710 | 4201 | 0 | 20009 | 0.0019 | -0.0005 | 0.0009 | 1.07E+07 | 0.336 | 1410.240 | 6199 | 0 | 20640 | 0.0017 | -0.0005 | 0.0006 | 1.11E+07 | 0.364 |
| 4723.270 | 1200 | 0 | 16849 | 0.0018 | -0.0004 | 0.0011 | 1.00E+07 | 0.314 | 1308.480 | 2199 | 0 | 15621 | 0.0016 | -0.0004 | 0.0009 | 1.12E+07 | 0.325 | 2215.710 | 4203 | 0 | 20009 | 0.0019 | -0.0005 | 0.0009 | 1.08E+07 | 0.339 | 1411.240 | 6201 | 0 | 20676 | 0.0016 | -0.0005 | 0.0006 | 1.11E+07 | 0.369 |
| 4724.270 | 1201 | 0 | 16849 | 0.0018 | -0.0004 | 0.0011 | 9.96E+06 | 0.315 | 1309.480 | 2201 | 0 | 15656 | 0.0016 | -0.0004 | 0.0009 | 1.12E+07 | 0.324 | 2216.710 | 4199 | 0 | 20079 | 0.0019 | -0.0005 | 0.0009 | 1.07E+07 | 0.336 | 1412.240 | 6199 | 0 | 20711 | 0.0016 | -0.0005 | 0.0006 | 1.11E+07 | 0.368 |
| 4725.260 | 1201 | 0 | 16920 | 0.0018 | -0.0004 | 0.0011 | 9.86E+06 | 0.313 | 1310.470 | 2201 | 0 | 15726 | 0.0016 | -0.0004 | 0.0009 | 1.11E+07 | 0.324 | 2217.710 | 4200 | 0 | 20114 | 0.0019 | -0.0005 | 0.0009 | 1.08E+07 | 0.340 | 1413.240 | 6199 | 0 | 20746 | 0.0017 | -0.0005 | 0.0006 | 1.11E+07 | 0.366 |
| 4726.260 | 1200 | 0 | 16920 | 0.0018 | -0.0004 | 0.0011 | 9.80E+06 | 0.313 | 1311.470 | 2201 | 0 | 15761 | 0.0016 | -0.0004 | 0.0009 | 1.11E+07 | 0.325 | 2218.710 | 4200 | 0 | 20149 | 0.0019 | -0.0005 | 0.0009 | 1.08E+07 | 0.340 | 1414.240 | 6199 | 0 | 20851 | 0.0017 | -0.0005 | 0.0006 | 1.10E+07 | 0.365 |
| 4727.260 | 1202 | 0 | 16955 | 0.0018 | -0.0004 | 0.0011 | 9.69E+06 | 0.313 | 1312.470 | 2201 | 0 | 15831 | 0.0016 | -0.0004 | 0.0009 | 1.10E+07 | 0.326 | 2219.710 | 4203 | 0 | 20184 | 0.0019 | -0.0005 | 0.0009 | 1.09E+07 | 0.342 | 1415.240 | 6200 | 0 | 20851 | 0.0017 | -0.0005 | 0.0006 | 1.10E+07 | 0.366 |
| 4728.260 | 1201 | 0 | 16990 | 0.0018 | -0.0004 | 0.0011 | 9.68E+06 | 0.313 | 1313.470 | 2201 | 0 | 15902 | 0.0017 | -0.0004 | 0.0009 | 1.10E+07 | 0.326 | 2220.710 | 4200 | 0 | 20289 | 0.0019 | -0.0005 | 0.0009 | 1.10E+07 | 0.340 | 1416.240 | 6199 | 0 | 20886 | 0.0017 | -0.0005 | 0.0006 | 1.10E+07 | 0.368 |
| 4729.260 | 1200 | 0 | 16990 | 0.0018 | -0.0004 | 0.0011 | 9.57E+06 | 0.312 | 1314.470 | 2199 | 0 | 15867 | 0.0017 | -0.0004 | 0.0009 | 1.11E+07 | 0.328 | 2221.710 | 4200 | 0 | 20360 | 0.0019 | -0.0005 | 0.0009 | 1.10E+07 | 0.341 | 1417.240 | 6199 | 0 | 20886 | 0.0017 | -0.0005 | 0.0006 | 1.11E+07 | 0.371 |
| 4730.260 | 1202 | 0 | 17095 | 0.0018 | -0.0004 | 0.0011 | 9.65E+06 | 0.316 | 1315.470 | 2201 | 0 | 15972 | 0.0016 | -0.0004 | 0.0009 | 1.10E+07 | 0.324 | 2222.710 | 4201 | 0 | 20325 | 0.0019 | -0.0005 | 0.0009 | 1.09E+07 | 0.337 | 1418.240 | 6200 | 0 | 20991 | 0.0017 | -0.0005 | 0.0006 | 1.11E+07 | 0.370 |
| 4731.260 | 1202 | 0 | 17236 | 0.0019 | -0.0004 | 0.0011 | 9.68E+06 | 0.317 | 1316.470 | 2201 | 0 | 15972 | 0.0016 | -0.0004 | 0.0009 | 1.10E+07 | 0.325 | 2223.710 | 4200 | 0 | 20395 | 0.0019 | -0.0005 | 0.0010 | 1.09E+07 | 0.337 | 1419.240 | 6201 | 0 | 21062 | 0.0017 | -0.0005 | 0.0006 | 1.11E+07 | 0.370 |
| 4732.260 | 1202 | 0 | 17165 | 0.0019 | -0.0004 | 0.0011 | 9.70E+06 | 0.318 | 1317.470 | 2201 | 0 | 16007 | 0.0016 | -0.0004 | 0.0009 | 1.10E+07 | 0.325 | 2224.710 | 4199 | 0 | 20395 | 0.0019 | -0.0005 | 0.0010 | 1.09E+07 | 0.336 | 1420.240 | 6200 | 0 | 21097 | 0.0017 | -0.0005 | 0.0006 | 1.12E+07 | 0.372 |
| 4733.260 | 1202 | 0 | 17236 | 0.0019 | -0.0004 | 0.0011 | 9.62E+06 | 0.318 | 1318.470 | 2201 | 0 | 16112 | 0.0016 | -0.0004 | 0.0009 | 1.10E+07 | 0.323 | 2225.710 | 4199 | 0 | 20430 | 0.0019 | -0.0005 | 0.0009 | 1.09E+07 | 0.337 | 1421.240 | 6200 | 0 | 21062 | 0.0017 | -0.0005 | 0.0006 | 1.13E+07 | 0.373 |
| 4734.260 | 1200 | 0 | 17236 | 0.0019 | -0.0004 | 0.0011 | 9.60E+06 | 0.319 | 1319.470 | 2204 | 0 | 16112 | 0.0017 | -0.0004 | 0.0009 | 1.12E+07 | 0.326 | 2226.710 | 4200 | 0 | 20465 | 0.0019 | -0.0005 | 0.0010 | 1.08E+07 | 0.335 | 1422.240 | 6199 | 0 | 21132 | 0.0017 | -0.0006 | 0.0006 | 1.13E+07 | 0.374 |
| 4735.260 | 1201 | 0 | 17271 | 0.0019 | -0.0004 | 0.0011 | 9.56E+06 | 0.318 | 1320.470 | 2204 | 0 | 16182 | 0.0017 | -0.0004 | 0.0009 | 1.12E+07 | 0.329 | 2227.710 | 4202 | 0 | 20570 | 0.0019 | -0.0005 | 0.0009 | 1.08E+07 | 0.334 | 1423.240 | 6201 | 0 | 21132 | 0.0017 | -0.0005 | 0.0006 | 1.13E+07 | 0.374 |
| 4736.260 | 1201 | 0 | 17376 | 0.0019 | -0.0004 | 0.0011 | 9.65E+06 | 0.320 | 1321.470 | 2202 | 0 | 16182 | 0.0017 | -0.0004 | 0.0009 | 1.12E+07 | 0.330 | 2228.7 | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------|------|---|-------|--------|---------|--------|----------|-------|----------|------|---|-------|--------|---------|--------|----------|-------|----------|------|---|-------|--------|---------|--------|----------|-------|----------|------|---|-------|--------|---------|--------|----------|-------|
| 4783.250 | 1202 | 0 | 19272 | 0.0021 | -0.0004 | 0.0012 | 9.69E+06 | 0.379 | 1368.460 | 2202 | 0 | 18288 | 0.0018 | -0.0004 | 0.0010 | 1.15E+07 | 0.347 | 2275.690 | 4202 | 0 | 22641 | 0.0021 | -0.0006 | 0.0010 | 1.09E+07 | 0.360 | 1471.220 | 6199 | 0 | 23203 | 0.0019 | -0.0006 | 0.0006 | 1.17E+07 | 0.397 |
| 4784.250 | 1202 | 0 | 19342 | 0.0021 | -0.0004 | 0.0012 | 9.56E+06 | 0.378 | 1369.460 | 2202 | 0 | 18288 | 0.0018 | -0.0004 | 0.0010 | 1.15E+07 | 0.346 | 2276.690 | 4201 | 0 | 22571 | 0.0021 | -0.0005 | 0.0010 | 1.08E+07 | 0.360 | 1472.220 | 6199 | 0 | 23238 | 0.0019 | -0.0006 | 0.0006 | 1.17E+07 | 0.396 |
| 4785.250 | 1203 | 0 | 19447 | 0.0021 | -0.0004 | 0.0012 | 9.51E+06 | 0.380 | 1370.460 | 2201 | 0 | 18359 | 0.0019 | -0.0004 | 0.0010 | 1.15E+07 | 0.346 | 2277.690 | 4199 | 0 | 22641 | 0.0021 | -0.0006 | 0.0010 | 1.09E+07 | 0.364 | 1473.220 | 6200 | 0 | 23273 | 0.0019 | -0.0006 | 0.0006 | 1.18E+07 | 0.395 |
| 4786.250 | 1201 | 0 | 19412 | 0.0021 | -0.0005 | 0.0012 | 9.40E+06 | 0.379 | 1371.460 | 2201 | 0 | 18394 | 0.0018 | -0.0004 | 0.0010 | 1.16E+07 | 0.352 | 2278.690 | 4201 | 0 | 22712 | 0.0021 | -0.0006 | 0.0010 | 1.09E+07 | 0.365 | 1474.220 | 6199 | 0 | 23343 | 0.0019 | -0.0006 | 0.0006 | 1.18E+07 | 0.395 |
| 4787.250 | 1200 | 0 | 19447 | 0.0021 | -0.0005 | 0.0012 | 9.37E+06 | 0.379 | 1372.450 | 2201 | 0 | 18429 | 0.0019 | -0.0004 | 0.0010 | 1.17E+07 | 0.355 | 2279.690 | 4199 | 0 | 22747 | 0.0021 | -0.0006 | 0.0010 | 1.10E+07 | 0.366 | 1475.220 | 6200 | 0 | 23343 | 0.0019 | -0.0006 | 0.0006 | 1.18E+07 | 0.395 |
| 4788.240 | 1200 | 0 | 19482 | 0.0021 | -0.0005 | 0.0012 | 9.39E+06 | 0.381 | 1373.450 | 2202 | 0 | 18499 | 0.0019 | -0.0004 | 0.0010 | 1.17E+07 | 0.357 | 2280.690 | 4200 | 0 | 22782 | 0.0021 | -0.0006 | 0.0010 | 1.11E+07 | 0.370 | 1476.220 | 6200 | 0 | 23449 | 0.0019 | -0.0006 | 0.0006 | 1.18E+07 | 0.393 |
| 4789.240 | 1201 | 0 | 19482 | 0.0021 | -0.0005 | 0.0012 | 9.37E+06 | 0.382 | 1374.450 | 2201 | 0 | 18569 | 0.0019 | -0.0004 | 0.0010 | 1.18E+07 | 0.359 | 2281.690 | 4200 | 0 | 22852 | 0.0022 | -0.0006 | 0.0010 | 1.11E+07 | 0.372 | 1477.220 | 6199 | 0 | 23414 | 0.0019 | -0.0006 | 0.0006 | 1.18E+07 | 0.393 |
| 4790.240 | 1202 | 0 | 19552 | 0.0021 | -0.0005 | 0.0012 | 9.42E+06 | 0.388 | 1375.450 | 2201 | 0 | 18604 | 0.0019 | -0.0004 | 0.0010 | 1.18E+07 | 0.360 | 2282.690 | 4199 | 0 | 22887 | 0.0022 | -0.0006 | 0.0010 | 1.11E+07 | 0.373 | 1478.220 | 6200 | 0 | 23519 | 0.0019 | -0.0006 | 0.0006 | 1.19E+07 | 0.391 |
| 4791.240 | 1200 | 0 | 19587 | 0.0021 | -0.0005 | 0.0012 | 9.39E+06 | 0.391 | 1376.450 | 2200 | 0 | 18640 | 0.0019 | -0.0004 | 0.0010 | 1.18E+07 | 0.358 | 2283.690 | 4200 | 0 | 22887 | 0.0021 | -0.0006 | 0.0010 | 1.11E+07 | 0.371 | 1479.220 | 6199 | 0 | 23519 | 0.0019 | -0.0006 | 0.0006 | 1.19E+07 | 0.394 |
| 4792.240 | 1201 | 0 | 19693 | 0.0021 | -0.0005 | 0.0012 | 9.34E+06 | 0.393 | 1377.450 | 2200 | 0 | 18640 | 0.0019 | -0.0004 | 0.0010 | 1.18E+07 | 0.359 | 2284.690 | 4199 | 0 | 22922 | 0.0021 | -0.0006 | 0.0010 | 1.11E+07 | 0.370 | 1480.220 | 6200 | 0 | 23624 | 0.0019 | -0.0006 | 0.0006 | 1.19E+07 | 0.396 |
| 4793.240 | 1200 | 0 | 19728 | 0.0021 | -0.0005 | 0.0012 | 9.38E+06 | 0.394 | 1378.450 | 2201 | 0 | 18745 | 0.0019 | -0.0004 | 0.0010 | 1.16E+07 | 0.357 | 2285.690 | 4201 | 0 | 22957 | 0.0022 | -0.0006 | 0.0010 | 1.11E+07 | 0.368 | 1481.220 | 6199 | 0 | 23624 | 0.0019 | -0.0006 | 0.0006 | 1.19E+07 | 0.395 |
| 4794.240 | 1202 | 0 | 19693 | 0.0021 | -0.0005 | 0.0012 | 9.45E+06 | 0.401 | 1379.450 | 2201 | 0 | 18745 | 0.0019 | -0.0004 | 0.0010 | 1.18E+07 | 0.359 | 2286.690 | 4199 | 0 | 22992 | 0.0022 | -0.0006 | 0.0010 | 1.12E+07 | 0.370 | 1482.220 | 6200 | 0 | 23694 | 0.0019 | -0.0006 | 0.0006 | 1.18E+07 | 0.394 |
| 4795.240 | 1200 | 0 | 19763 | 0.0021 | -0.0005 | 0.0012 | 9.45E+06 | 0.404 | 1380.450 | 2201 | 0 | 18815 | 0.0019 | -0.0004 | 0.0010 | 1.18E+07 | 0.361 | 2287.690 | 4201 | 0 | 23098 | 0.0022 | -0.0006 | 0.0010 | 1.13E+07 | 0.372 | 1483.220 | 6201 | 0 | 23730 | 0.0019 | -0.0006 | 0.0006 | 1.19E+07 | 0.394 |
| 4796.240 | 1202 | 0 | 19798 | 0.0021 | -0.0005 | 0.0012 | 9.50E+06 | 0.408 | 1381.450 | 2201 | 0 | 18885 | 0.0019 | -0.0004 | 0.0010 | 1.17E+07 | 0.359 | 2288.690 | 4199 | 0 | 23063 | 0.0022 | -0.0006 | 0.0010 | 1.13E+07 | 0.373 | 1484.220 | 6201 | 0 | 23730 | 0.0019 | -0.0006 | 0.0006 | 1.19E+07 | 0.393 |
| 4797.240 | 1200 | 0 | 19833 | 0.0021 | -0.0005 | 0.0012 | 9.51E+06 | 0.410 | 1382.450 | 2201 | 0 | 18920 | 0.0019 | -0.0004 | 0.0010 | 1.18E+07 | 0.359 | 2289.690 | 4200 | 0 | 23168 | 0.0022 | -0.0006 | 0.0010 | 1.13E+07 | 0.372 | 1485.220 | 6201 | 0 | 23835 | 0.0019 | -0.0006 | 0.0006 | 1.19E+07 | 0.395 |
| 4798.240 | 1201 | 0 | 19833 | 0.0021 | -0.0005 | 0.0012 | 9.47E+06 | 0.411 | 1383.450 | 2200 | 0 | 19026 | 0.0019 | -0.0004 | 0.0010 | 1.18E+07 | 0.359 | 2290.690 | 4202 | 0 | 23168 | 0.0022 | -0.0006 | 0.0010 | 1.13E+07 | 0.372 | 1486.220 | 6200 | 0 | 23870 | 0.0019 | -0.0006 | 0.0006 | 1.19E+07 | 0.394 |
| 4799.240 | 1201 | 0 | 19938 | 0.0021 | -0.0005 | 0.0012 | 9.50E+06 | 0.413 | 1384.450 | 2201 | 0 | 19026 | 0.0019 | -0.0005 | 0.0010 | 1.16E+07 | 0.358 | 2291.690 | 4200 | 0 | 23238 | 0.0022 | -0.0006 | 0.0010 | 1.13E+07 | 0.371 | 1487.220 | 6199 | 0 | 23870 | 0.0019 | -0.0006 | 0.0006 | 1.19E+07 | 0.392 |
| 4800.240 | 1201 | 0 | 19938 | 0.0021 | -0.0005 | 0.0012 | 9.54E+06 | 0.416 | 1385.450 | 2201 | 0 | 19026 | 0.0019 | -0.0005 | 0.0010 | 1.17E+07 | 0.362 | 2292.690 | 4201 | 0 | 23238 | 0.0022 | -0.0006 | 0.0010 | 1.13E+07 | 0.369 | 1488.220 | 6199 | 0 | 23975 | 0.0019 | -0.0006 | 0.0007 | 1.20E+07 | 0.394 |
| 4801.240 | 1200 | 0 | 20009 | 0.0021 | -0.0005 | 0.0012 | 9.50E+06 | 0.417 | 1386.450 | 2201 | 0 | 19131 | 0.0019 | -0.0005 | 0.0010 | 1.17E+07 | 0.362 | 2293.690 | 4199 | 0 | 23308 | 0.0022 | -0.0006 | 0.0010 | 1.13E+07 | 0.369 | 1489.220 | 6199 | 0 | 23975 | 0.0019 | -0.0006 | 0.0006 | 1.20E+07 | 0.394 |
| 4802.240 | 1202 | 0 | 20044 | 0.0021 | -0.0005 | 0.0012 | 9.49E+06 | 0.418 | 1387.450 | 2201 | 0 | 19201 | 0.0019 | -0.0005 | 0.0010 | 1.16E+07 | 0.359 | 2294.690 | 4201 | 0 | 23414 | 0.0022 | -0.0006 | 0.0010 | 1.13E+07 | 0.368 | 1490.210 | 6201 | 0 | 24010 | 0.0019 | -0.0006 | 0.0006 | 1.19E+07 | 0.392 |
| 4803.240 | 1200 | 0 | 20044 | 0.0022 | -0.0005 | 0.0012 | 9.53E+06 | 0.421 | 1388.450 | 2201 | 0 | 19271 | 0.0019 | -0.0005 | 0.0010 | 1.16E+07 | 0.361 | 2295.690 | 4201 | 0 | 23449 | 0.0022 | -0.0006 | 0.0010 | 1.13E+07 | 0.370 | 1491.210 | 6201 | 0 | 24081 | 0.0019 | -0.0006 | 0.0006 | 1.19E+07 | 0.390 |
| 4804.240 | 1199 | 0 | 20149 | 0.0021 | -0.0005 | 0.0012 | 9.51E+06 | 0.424 | 1389.450 | 2200 | 0 | 19271 | 0.0019 | -0.0005 | 0.0010 | 1.17E+07 | 0.362 | 2296.690 | 4202 | 0 | 23449 | 0.0022 | -0.0006 | 0.0010 | 1.13E+07 | 0.370 | 1492.210 | 6199 | 0 | 24116 | 0.0019 | -0.0006 | 0.0007 | 1.19E+07 | 0.389 |
| 4805.240 | 1200 | 0 | 20149 | 0.0022 | -0.0005 | 0.0012 | 9.55E+06 | 0.427 | 1390.450 | 2201 | 0 | 19306 | 0.0019 | -0.0005 | 0.0010 | 1.17E+07 | 0.362 | 2297.690 | 4201 | 0 | 23519 | 0.0022 | -0.0006 | 0.0010 | 1.14E+07 | 0.373 | 1493.210 | 6199 | 0 | 24151 | 0.0019 | -0.0006 | 0.0007 | 1.18E+07 | 0.389 |
| 4806.240 | 1202 | 0 | 20149 | 0.0021 | -0.0005 | 0.0012 | 9.48E+06 | 0.425 | 1391.450 | 2201 | 0 | 19342 | 0.0020 | -0.0005 | 0.0010 | 1.16E+07 | 0.359 | 2298.690 | 4201 | 0 | 23624 | 0.0022 | -0.0006 | 0.0010 | 1.14E+07 | 0.375 | 1494.210 | 6199 | 0 | 24186 | 0.0020 | -0.0006 | 0.0007 | 1.18E+07 | 0.390 |
| 4807.240 | 1201 | 0 | 20254 | 0.0022 | -0.0005 | 0.0012 | 9.49E+06 | 0.428 | 1392.450 | 2201 | 0 | 19377 | 0.0019 | -0.0005 | 0.0010 | 1.15E+07 | 0.360 | 2299.680 | 4202 | 0 | 23624 | 0.0022 | -0.0006 | 0.0010 | 1.15E+07 | 0.377 | 1495.210 | 6201 | 0 | 24256 | 0.0019 | -0.0007 | 0.0006 | 1.18E+07 | 0.391 |
| 4808.240 | 1202 | 0 | 20254 | 0.0022 | -0.0005 | 0.0012 | 9.41E+06 | 0.429 | 1393.450 | 2201 | 0 | 19447 | 0.0019 | -0.0005 | 0.0010 | 1.15E+07 | 0.359 | 2300.680 | 4201 | 0 | 23659 | 0.0022 | -0.0006 | 0.0010 | 1.15E+07 | 0.378 | 1496.210 | 6200 | 0 | 24326 | 0.0020 | -0.0007 | 0.0006 | 1.16E+07 | 0.386 |
| 4809.240 | 1203 | 0 | 20254 | 0.0022 | -0.0005 | 0.0012 | 9.47E+06 | 0.433 | 1394.450 | 2201 | 0 | 19482 | 0.0019 | -0.0005 | 0.0010 | 1.16E+07 | 0.361 | 2301.680 | 4199 | 0 | 23694 | 0.0022 | -0.0006 | 0.0010 | 1.16E+07 | 0.379 | 1497.210 | 6199 | 0 | 24326 | 0.0020 | -0.0007 | 0.0006 | 1.17E+07 | 0.386 |
| 4810.240 | 1201 | 0 | 20325 | 0.0022 | -0.0005 | 0.0012 | 9.45E+06 | 0.434 | 1395.450 | 2200 | 0 | 19482 | 0.0020 | -0.0005 | 0.0010 | 1.16E+07 | 0.360 | 2302.680 | 4200 | 0 | 23730 | 0.0022 | -0.0006 | 0.0010 | 1.15E+07 | 0.376 | 1498.210 | 6199 | 0 | 24397 | 0.0020 | -0.0007 | 0.0007 | 1.16E+07 | 0.386 |
| 4811.240 | 1201 | 0 | 20325 | 0.0022 | -0.0005 | 0.0012 | 9.50E+06 | 0.435 | 1396.450 | 2201 | 0 | 19552 | 0.0019 | -0.0005 | 0.0010 | 1.15E+07 | 0.361 | 2303.680 | 4199 | 0 | 23765 | 0.0022 | -0.0006 | 0.0010 | 1.15E+07 | 0.376 | 1499.210 | 6199 | 0 | 24432 | 0.0020 | -0.0007 | 0.0007 | 1.16E+07 | 0.386 |
| 4812.240 | 1201 | 0 | 20395 | 0.0022 | -0.0005 | 0.0012 | 9.47E+06 | 0.436 | 1397.450 | 2201 | 0 | 19622 | 0.0020 | -0.0005 | 0.0010 | 1.17E+07 | 0.363 | 2304.680 | 4201 | 0 | 23835 | 0.0022 | -0.0006 | 0.0010 | 1.15E+07 | 0.378 | 1500.210 | 6199 | 0 | 24432 | 0.0020 | -0.0007 | 0.0007 | 1.16E+07 | 0.388 |
| 4813.240 | 1202 | 0 | 20395 | 0.0022 | -0.0005 | 0.0012 | 9.39E+06 | 0.435 | 1398.450 | 2201 | 0 | 19622 | 0.0020 | -0.0005 | 0.0010 | 1.17E+07 | 0.361 | 2305.680 | 4199 | 0 | 23835 | 0.0022 | -0.0006 | 0.0010 | 1.16E+07 | 0.378 | 1501.210 | 6199 | 0 | 24502 | 0.0020 | -0.0007 | 0.0007 | 1.16E+07 | 0.389 |
| 4814.240 | 1201 | 0 | 20430 | 0.0022 | -0.0005 | 0.0012 | 9.45E+06 | 0.438 | 1399.450 | 2201 | 0 | 19693 | 0.0020 | -0.0005 | 0.0010 | 1.15E+07 | 0.357 | 2306.680 | 4201 | 0 | 23940 | 0.0022 | -0.0006 | 0.0010 | 1.16E+07 | 0.378 | 1502.210 | 6199 | 0 | 24502 | 0.0020 | -0.0007 | 0.0007 | 1.16E+07 | 0.389 |
| 4815.240 | 1202 | 0 | 20500 | 0.0022 | -0.0005 | 0.0012 | 9.41E+06 | 0.437 | 1400.450 | 2201 | 0 | 19728 | 0.0020 | -0.0005 | 0.0010 | 1.15E+07 | 0.356 | 2307.6 | | | | | | | | | | | | | | | | | |

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|----------|------|---|-------|--------|---------|--------|----------|-------|----------|------|---|-------|--------|---------|--------|----------|-------|----------|------|---|-------|--------|---------|--------|----------|-------|----------|------|---|-------|--------|---------|--------|----------|-------|
| 4862.220 | 1201 | 0 | 22115 | 0.0024 | -0.0006 | 0.0012 | 8.47E+06 | 0.535 | 1447.430 | 2201 | 0 | 21729 | 0.0021 | -0.0005 | 0.0011 | 1.10E+07 | 0.361 | 2354.670 | 4200 | 0 | 26432 | 0.0025 | -0.0007 | 0.0011 | 1.06E+07 | 0.382 | 1550.200 | 6199 | 0 | 26432 | 0.0021 | -0.0007 | 0.0007 | 1.19E+07 | 0.402 |
| 4863.220 | 1202 | 0 | 22185 | 0.0024 | -0.0006 | 0.0012 | 8.42E+06 | 0.535 | 1448.430 | 2200 | 0 | 21694 | 0.0021 | -0.0005 | 0.0011 | 1.11E+07 | 0.363 | 2355.670 | 4203 | 0 | 26503 | 0.0025 | -0.0007 | 0.0011 | 1.05E+07 | 0.382 | 1551.200 | 6200 | 0 | 26573 | 0.0021 | -0.0007 | 0.0007 | 1.18E+07 | 0.400 |
| 4864.220 | 1200 | 0 | 22255 | 0.0024 | -0.0006 | 0.0012 | 8.38E+06 | 0.534 | 1449.430 | 2200 | 0 | 21834 | 0.0021 | -0.0005 | 0.0011 | 1.11E+07 | 0.364 | 2356.670 | 4201 | 0 | 26468 | 0.0025 | -0.0007 | 0.0011 | 1.05E+07 | 0.382 | 1552.190 | 6198 | 0 | 26608 | 0.0022 | -0.0007 | 0.0007 | 1.17E+07 | 0.397 |
| 4865.220 | 1201 | 0 | 22255 | 0.0024 | -0.0006 | 0.0012 | 8.29E+06 | 0.532 | 1450.430 | 2201 | 0 | 21869 | 0.0021 | -0.0005 | 0.0011 | 1.11E+07 | 0.364 | 2357.670 | 4200 | 0 | 26538 | 0.0025 | -0.0007 | 0.0011 | 1.05E+07 | 0.381 | 1553.190 | 6199 | 0 | 26608 | 0.0022 | -0.0007 | 0.0007 | 1.18E+07 | 0.400 |
| 4866.220 | 1201 | 0 | 22290 | 0.0024 | -0.0006 | 0.0012 | 8.33E+06 | 0.536 | 1451.430 | 2201 | 0 | 21834 | 0.0022 | -0.0005 | 0.0011 | 1.11E+07 | 0.364 | 2358.670 | 4203 | 0 | 26573 | 0.0025 | -0.0007 | 0.0011 | 1.07E+07 | 0.385 | 1554.190 | 6202 | 0 | 26678 | 0.0021 | -0.0007 | 0.0007 | 1.17E+07 | 0.398 |
| 4867.220 | 1202 | 0 | 22290 | 0.0024 | -0.0006 | 0.0012 | 8.32E+06 | 0.536 | 1452.430 | 2201 | 0 | 21904 | 0.0022 | -0.0005 | 0.0011 | 1.11E+07 | 0.365 | 2359.670 | 4200 | 0 | 26643 | 0.0025 | -0.0007 | 0.0011 | 1.07E+07 | 0.386 | 1555.190 | 6200 | 0 | 26678 | 0.0021 | -0.0007 | 0.0007 | 1.18E+07 | 0.400 |
| 4868.220 | 1201 | 0 | 22325 | 0.0024 | -0.0006 | 0.0012 | 8.31E+06 | 0.538 | 1453.430 | 2202 | 0 | 21974 | 0.0022 | -0.0005 | 0.0011 | 1.11E+07 | 0.363 | 2360.670 | 4200 | 0 | 26713 | 0.0025 | -0.0007 | 0.0011 | 1.08E+07 | 0.388 | 1556.190 | 6200 | 0 | 26748 | 0.0022 | -0.0007 | 0.0007 | 1.17E+07 | 0.400 |
| 4869.220 | 1201 | 0 | 22361 | 0.0024 | -0.0006 | 0.0012 | 8.32E+06 | 0.541 | 1454.430 | 2201 | 0 | 22009 | 0.0022 | -0.0005 | 0.0011 | 1.11E+07 | 0.365 | 2361.670 | 4201 | 0 | 26783 | 0.0025 | -0.0007 | 0.0011 | 1.07E+07 | 0.388 | 1557.190 | 6199 | 0 | 26783 | 0.0022 | -0.0007 | 0.0007 | 1.16E+07 | 0.397 |
| 4870.220 | 1201 | 0 | 22361 | 0.0024 | -0.0006 | 0.0012 | 8.29E+06 | 0.543 | 1455.430 | 2201 | 0 | 22009 | 0.0022 | -0.0005 | 0.0011 | 1.12E+07 | 0.366 | 2362.660 | 4200 | 0 | 26713 | 0.0025 | -0.0007 | 0.0011 | 1.08E+07 | 0.391 | 1558.190 | 6200 | 0 | 26889 | 0.0022 | -0.0007 | 0.0007 | 1.15E+07 | 0.394 |
| 4871.220 | 1202 | 0 | 22396 | 0.0024 | -0.0006 | 0.0012 | 8.30E+06 | 0.545 | 1456.430 | 2201 | 0 | 22080 | 0.0022 | -0.0005 | 0.0011 | 1.11E+07 | 0.365 | 2363.660 | 4202 | 0 | 26713 | 0.0025 | -0.0007 | 0.0011 | 1.08E+07 | 0.394 | 1559.190 | 6199 | 0 | 26854 | 0.0022 | -0.0007 | 0.0007 | 1.15E+07 | 0.395 |
| 4872.220 | 1203 | 0 | 22466 | 0.0024 | -0.0006 | 0.0012 | 8.26E+06 | 0.546 | 1457.430 | 2201 | 0 | 22255 | 0.0022 | -0.0006 | 0.0011 | 1.11E+07 | 0.364 | 2364.660 | 4202 | 0 | 26783 | 0.0025 | -0.0007 | 0.0011 | 1.08E+07 | 0.394 | 1560.190 | 6200 | 0 | 26854 | 0.0022 | -0.0007 | 0.0007 | 1.15E+07 | 0.395 |
| 4873.220 | 1201 | 0 | 22466 | 0.0024 | -0.0006 | 0.0012 | 8.26E+06 | 0.548 | 1458.430 | 2201 | 0 | 22325 | 0.0022 | -0.0006 | 0.0011 | 1.11E+07 | 0.366 | 2365.660 | 4200 | 0 | 26889 | 0.0025 | -0.0007 | 0.0011 | 1.08E+07 | 0.390 | 1561.190 | 6201 | 0 | 26994 | 0.0022 | -0.0007 | 0.0007 | 1.14E+07 | 0.394 |
| 4874.220 | 1201 | 0 | 22501 | 0.0024 | -0.0006 | 0.0012 | 8.24E+06 | 0.552 | 1459.430 | 2201 | 0 | 22501 | 0.0022 | -0.0006 | 0.0011 | 1.11E+07 | 0.366 | 2366.660 | 4200 | 0 | 26889 | 0.0025 | -0.0007 | 0.0011 | 1.09E+07 | 0.389 | 1562.190 | 6200 | 0 | 26994 | 0.0022 | -0.0007 | 0.0007 | 1.13E+07 | 0.392 |
| 4875.220 | 1200 | 0 | 22501 | 0.0024 | -0.0006 | 0.0012 | 8.25E+06 | 0.557 | 1460.430 | 2201 | 0 | 22641 | 0.0022 | -0.0006 | 0.0011 | 1.11E+07 | 0.368 | 2367.660 | 4200 | 0 | 26924 | 0.0025 | -0.0007 | 0.0011 | 1.11E+07 | 0.394 | 1563.190 | 6200 | 0 | 27170 | 0.0022 | -0.0007 | 0.0007 | 1.13E+07 | 0.391 |
| 4876.220 | 1201 | 0 | 22571 | 0.0024 | -0.0006 | 0.0012 | 8.19E+06 | 0.557 | 1461.430 | 2199 | 0 | 22747 | 0.0022 | -0.0006 | 0.0011 | 1.11E+07 | 0.369 | 2368.660 | 4199 | 0 | 26889 | 0.0025 | -0.0007 | 0.0011 | 1.10E+07 | 0.393 | 1564.190 | 6200 | 0 | 27170 | 0.0022 | -0.0008 | 0.0007 | 1.13E+07 | 0.393 |
| 4877.220 | 1201 | 0 | 22641 | 0.0024 | -0.0006 | 0.0012 | 8.07E+06 | 0.555 | 1462.430 | 2202 | 0 | 22887 | 0.0022 | -0.0006 | 0.0011 | 1.11E+07 | 0.372 | 2369.660 | 4201 | 0 | 26994 | 0.0025 | -0.0007 | 0.0011 | 1.11E+07 | 0.394 | 1565.190 | 6200 | 0 | 27170 | 0.0022 | -0.0008 | 0.0007 | 1.14E+07 | 0.396 |
| 4878.220 | 1200 | 0 | 22606 | 0.0024 | -0.0006 | 0.0012 | 7.98E+06 | 0.556 | 1463.430 | 2201 | 0 | 22992 | 0.0023 | -0.0006 | 0.0011 | 1.11E+07 | 0.373 | 2370.660 | 4202 | 0 | 27029 | 0.0025 | -0.0007 | 0.0011 | 1.11E+07 | 0.397 | 1566.190 | 6200 | 0 | 27205 | 0.0022 | -0.0008 | 0.0007 | 1.14E+07 | 0.400 |
| 4879.220 | 1201 | 0 | 22641 | 0.0024 | -0.0006 | 0.0012 | 7.93E+06 | 0.554 | 1464.430 | 2199 | 0 | 23133 | 0.0023 | -0.0006 | 0.0011 | 1.11E+07 | 0.372 | 2371.660 | 4201 | 0 | 27064 | 0.0025 | -0.0007 | 0.0011 | 1.10E+07 | 0.394 | 1567.190 | 6201 | 0 | 27310 | 0.0022 | -0.0008 | 0.0007 | 1.13E+07 | 0.399 |
| 4880.220 | 1201 | 0 | 22747 | 0.0024 | -0.0006 | 0.0012 | 7.94E+06 | 0.556 | 1465.430 | 2201 | 0 | 23098 | 0.0023 | -0.0006 | 0.0011 | 1.11E+07 | 0.373 | 2372.660 | 4200 | 0 | 27099 | 0.0025 | -0.0007 | 0.0011 | 1.10E+07 | 0.394 | 1568.190 | 6199 | 0 | 27345 | 0.0022 | -0.0008 | 0.0007 | 1.12E+07 | 0.397 |
| 4881.210 | 1200 | 0 | 22817 | 0.0024 | -0.0006 | 0.0012 | 7.98E+06 | 0.559 | 1466.420 | 2200 | 0 | 23238 | 0.0023 | -0.0006 | 0.0011 | 1.11E+07 | 0.375 | 2373.660 | 4200 | 0 | 27099 | 0.0025 | -0.0007 | 0.0011 | 1.11E+07 | 0.393 | 1569.190 | 6200 | 0 | 27415 | 0.0022 | -0.0008 | 0.0007 | 1.13E+07 | 0.397 |
| 4882.210 | 1201 | 0 | 22852 | 0.0025 | -0.0006 | 0.0012 | 7.98E+06 | 0.562 | 1467.420 | 2201 | 0 | 23343 | 0.0023 | -0.0006 | 0.0011 | 1.11E+07 | 0.375 | 2374.660 | 4198 | 0 | 27170 | 0.0025 | -0.0007 | 0.0011 | 1.10E+07 | 0.390 | 1570.190 | 6199 | 0 | 27556 | 0.0022 | -0.0008 | 0.0007 | 1.13E+07 | 0.398 |
| 4883.210 | 1201 | 0 | 22852 | 0.0024 | -0.0006 | 0.0012 | 7.97E+06 | 0.563 | 1468.420 | 2199 | 0 | 23484 | 0.0023 | -0.0006 | 0.0011 | 1.11E+07 | 0.377 | 2375.660 | 4200 | 0 | 27240 | 0.0025 | -0.0007 | 0.0011 | 1.10E+07 | 0.388 | 1571.190 | 6199 | 0 | 27450 | 0.0022 | -0.0008 | 0.0007 | 1.15E+07 | 0.401 |
| 4884.210 | 1199 | 0 | 22887 | 0.0025 | -0.0006 | 0.0012 | 7.95E+06 | 0.562 | 1469.420 | 2201 | 0 | 23554 | 0.0023 | -0.0006 | 0.0011 | 1.11E+07 | 0.377 | 2376.660 | 4201 | 0 | 27240 | 0.0025 | -0.0007 | 0.0011 | 1.11E+07 | 0.388 | 1572.190 | 6201 | 0 | 27556 | 0.0022 | -0.0008 | 0.0007 | 1.14E+07 | 0.399 |
| 4885.210 | 1200 | 0 | 22852 | 0.0025 | -0.0006 | 0.0012 | 7.95E+06 | 0.560 | 1470.420 | 2201 | 0 | 23589 | 0.0023 | -0.0006 | 0.0011 | 1.11E+07 | 0.378 | 2377.660 | 4202 | 0 | 27345 | 0.0025 | -0.0007 | 0.0011 | 1.11E+07 | 0.388 | 1573.190 | 6199 | 0 | 27556 | 0.0022 | -0.0008 | 0.0007 | 1.13E+07 | 0.397 |
| 4886.210 | 1201 | 0 | 22922 | 0.0025 | -0.0006 | 0.0012 | 7.91E+06 | 0.558 | 1471.420 | 2201 | 0 | 23624 | 0.0023 | -0.0006 | 0.0011 | 1.10E+07 | 0.379 | 2378.660 | 4200 | 0 | 27310 | 0.0025 | -0.0007 | 0.0011 | 1.11E+07 | 0.386 | 1574.190 | 6199 | 0 | 27591 | 0.0022 | -0.0008 | 0.0007 | 1.13E+07 | 0.396 |
| 4887.210 | 1201 | 0 | 23027 | 0.0025 | -0.0006 | 0.0012 | 7.91E+06 | 0.558 | 1472.420 | 2200 | 0 | 23659 | 0.0023 | -0.0006 | 0.0011 | 1.11E+07 | 0.380 | 2379.660 | 4202 | 0 | 27380 | 0.0025 | -0.0007 | 0.0011 | 1.11E+07 | 0.386 | 1575.190 | 6200 | 0 | 27661 | 0.0022 | -0.0008 | 0.0007 | 1.13E+07 | 0.397 |
| 4888.210 | 1203 | 0 | 23027 | 0.0025 | -0.0006 | 0.0012 | 7.87E+06 | 0.557 | 1473.420 | 2201 | 0 | 23765 | 0.0023 | -0.0006 | 0.0011 | 1.11E+07 | 0.379 | 2380.660 | 4203 | 0 | 27380 | 0.0026 | -0.0007 | 0.0011 | 1.11E+07 | 0.387 | 1576.190 | 6200 | 0 | 27696 | 0.0023 | -0.0008 | 0.0007 | 1.12E+07 | 0.394 |
| 4889.210 | 1200 | 0 | 23098 | 0.0025 | -0.0006 | 0.0012 | 7.89E+06 | 0.559 | 1474.420 | 2201 | 0 | 23800 | 0.0023 | -0.0006 | 0.0011 | 1.10E+07 | 0.381 | 2381.660 | 4201 | 0 | 27415 | 0.0026 | -0.0007 | 0.0011 | 1.11E+07 | 0.389 | 1577.190 | 6199 | 0 | 27731 | 0.0023 | -0.0008 | 0.0007 | 1.12E+07 | 0.395 |
| 4890.210 | 1201 | 0 | 23063 | 0.0025 | -0.0006 | 0.0012 | 8.00E+06 | 0.562 | 1475.420 | 2201 | 0 | 23905 | 0.0024 | -0.0006 | 0.0011 | 1.11E+07 | 0.382 | 2382.660 | 4199 | 0 | 27486 | 0.0026 | -0.0007 | 0.0011 | 1.10E+07 | 0.388 | 1578.190 | 6200 | 0 | 27766 | 0.0022 | -0.0008 | 0.0007 | 1.11E+07 | 0.392 |
| 4891.210 | 1201 | 0 | 23168 | 0.0025 | -0.0007 | 0.0012 | 8.03E+06 | 0.562 | 1476.420 | 2201 | 0 | 23940 | 0.0024 | -0.0006 | 0.0011 | 1.12E+07 | 0.385 | 2383.660 | 4201 | 0 | 27521 | 0.0026 | -0.0007 | 0.0011 | 1.10E+07 | 0.391 | 1579.190 | 6200 | 0 | 27836 | 0.0023 | -0.0008 | 0.0007 | 1.11E+07 | 0.394 |
| 4892.210 | 1203 | 0 | 23203 | 0.0025 | -0.0007 | 0.0012 | 8.12E+06 | 0.564 | 1477.420 | 2201 | 0 | 23940 | 0.0023 | -0.0006 | 0.0011 | 1.11E+07 | 0.385 | 2384.660 | 4201 | 0 | 27556 | 0.0026 | -0.0007 | 0.0011 | 1.10E+07 | 0.392 | 1580.190 | 6199 | 0 | 27942 | 0.0022 | -0.0008 | 0.0007 | 1.12E+07 | 0.395 |
| 4893.210 | 1201 | 0 | 23203 | 0.0025 | -0.0007 | 0.0012 | 8.13E+06 | 0.568 | 1478.420 | 2200 | 0 | 23975 | 0.0023 | -0.0006 | 0.0011 | 1.10E+07 | 0.386 | 2385.660 | 4199 | 0 | 27591 | 0.0026 | -0.0007 | 0.0011 | 1.12E+07 | 0.397 | 1581.190 | 6201 | 0 | 27942 | 0.0023 | -0.0008 | 0.0007 | 1.13E+07 | 0.399 |
| 4894.210 | 1199 | 0 | 23238 | 0.0025 | -0.0007 | 0.0012 | 8.13E+06 | 0.570 | 1479.420 | 2201 | 0 | 24010 | 0.0023 | -0.0006 | 0.0011 | 1.10E+07 | 0.388 | 2386.6 | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------|------|---|-------|--------|---------|--------|----------|-------|----------|------|---|-------|--------|---------|--------|----------|-------|----------|------|---|-------|--------|---------|--------|----------|-------|
| 1526.410 | 2200 | 0 | 25414 | 0.0025 | -0.0007 | 0.0011 | 9.64E+06 | 0.415 | 2433.640 | 4200 | 0 | 29381 | 0.0027 | -0.0008 | 0.0012 | 9.91E+06 | 0.397 | 1629.170 | 6200 | 0 | 29943 | 0.0024 | -0.0008 | 0.0007 | 1.10E+07 | 0.401 |
| 1527.410 | 2201 | 0 | 25414 | 0.0025 | -0.0007 | 0.0011 | 9.71E+06 | 0.416 | 2434.640 | 4199 | 0 | 29416 | 0.0027 | -0.0008 | 0.0012 | 9.76E+06 | 0.397 | 1630.170 | 6199 | 0 | 29978 | 0.0024 | -0.0008 | 0.0007 | 1.09E+07 | 0.401 |
| 1528.400 | 2202 | 0 | 25449 | 0.0025 | -0.0007 | 0.0011 | 9.58E+06 | 0.415 | 2435.640 | 4200 | 0 | 29451 | 0.0027 | -0.0008 | 0.0012 | 9.76E+06 | 0.398 | 1631.170 | 6199 | 0 | 30013 | 0.0024 | -0.0009 | 0.0007 | 1.09E+07 | 0.404 |
| 1529.400 | 2201 | 0 | 25520 | 0.0025 | -0.0007 | 0.0012 | 9.56E+06 | 0.417 | 2436.640 | 4199 | 0 | 29486 | 0.0028 | -0.0008 | 0.0012 | 9.79E+06 | 0.401 | 1632.170 | 6199 | 0 | 30083 | 0.0024 | -0.0009 | 0.0007 | 1.10E+07 | 0.405 |
| 1530.400 | 2201 | 0 | 25520 | 0.0025 | -0.0007 | 0.0012 | 9.51E+06 | 0.418 | 2437.640 | 4201 | 0 | 29557 | 0.0028 | -0.0008 | 0.0012 | 9.79E+06 | 0.400 | 1633.170 | 6201 | 0 | 30013 | 0.0025 | -0.0009 | 0.0007 | 1.10E+07 | 0.404 |
| 1531.400 | 2201 | 0 | 25555 | 0.0025 | -0.0007 | 0.0011 | 9.48E+06 | 0.419 | 2438.640 | 4200 | 0 | 29662 | 0.0027 | -0.0008 | 0.0011 | 9.85E+06 | 0.404 | 1634.170 | 6199 | 0 | 30118 | 0.0024 | -0.0009 | 0.0007 | 1.08E+07 | 0.401 |
| 1532.400 | 2200 | 0 | 25590 | 0.0025 | -0.0007 | 0.0011 | 9.45E+06 | 0.418 | 2439.640 | 4202 | 0 | 29627 | 0.0028 | -0.0008 | 0.0012 | 9.80E+06 | 0.403 | 1635.170 | 6200 | 0 | 30153 | 0.0024 | -0.0009 | 0.0007 | 1.09E+07 | 0.401 |
| 1533.400 | 2201 | 0 | 25590 | 0.0025 | -0.0007 | 0.0012 | 9.53E+06 | 0.420 | 2440.640 | 4198 | 0 | 29592 | 0.0028 | -0.0008 | 0.0012 | 9.66E+06 | 0.405 | 1636.170 | 6199 | 0 | 30224 | 0.0025 | -0.0009 | 0.0007 | 1.09E+07 | 0.401 |
| 1534.400 | 2201 | 0 | 25660 | 0.0025 | -0.0007 | 0.0012 | 9.39E+06 | 0.417 | 2441.640 | 4199 | 0 | 29662 | 0.0028 | -0.0008 | 0.0012 | 9.64E+06 | 0.408 | 1637.170 | 6200 | 0 | 30224 | 0.0025 | -0.0009 | 0.0007 | 1.10E+07 | 0.404 |
| 1535.400 | 2201 | 0 | 25730 | 0.0025 | -0.0007 | 0.0012 | 9.35E+06 | 0.420 | 2442.640 | 4201 | 0 | 29697 | 0.0028 | -0.0008 | 0.0012 | 9.49E+06 | 0.407 | 1638.170 | 6200 | 0 | 30259 | 0.0025 | -0.0009 | 0.0007 | 1.11E+07 | 0.404 |
| 1536.400 | 2201 | 0 | 25730 | 0.0025 | -0.0007 | 0.0012 | 9.40E+06 | 0.422 | 2443.640 | 4201 | 0 | 29802 | 0.0028 | -0.0008 | 0.0012 | 9.37E+06 | 0.404 | 1639.170 | 6201 | 0 | 30329 | 0.0025 | -0.0009 | 0.0007 | 1.12E+07 | 0.402 |
| 1537.400 | 2201 | 0 | 25800 | 0.0025 | -0.0007 | 0.0012 | 9.41E+06 | 0.425 | 2444.640 | 4202 | 0 | 29802 | 0.0028 | -0.0008 | 0.0012 | 9.37E+06 | 0.405 | 1640.170 | 6199 | 0 | 30364 | 0.0025 | -0.0009 | 0.0007 | 1.15E+07 | 0.409 |
| 1538.400 | 2200 | 0 | 25800 | 0.0025 | -0.0007 | 0.0012 | 9.40E+06 | 0.428 | 2445.640 | 4199 | 0 | 29873 | 0.0028 | -0.0008 | 0.0012 | 9.25E+06 | 0.403 | 1641.170 | 6200 | 0 | 30399 | 0.0025 | -0.0009 | 0.0007 | 1.17E+07 | 0.414 |
| 1539.400 | 2201 | 0 | 25871 | 0.0025 | -0.0007 | 0.0012 | 9.51E+06 | 0.432 | 2446.640 | 4202 | 0 | 29873 | 0.0028 | -0.0008 | 0.0012 | 9.24E+06 | 0.403 | 1642.170 | 6200 | 0 | 30399 | 0.0025 | -0.0009 | 0.0008 | 1.15E+07 | 0.414 |
| 1540.400 | 2201 | 0 | 25871 | 0.0025 | -0.0007 | 0.0012 | 9.50E+06 | 0.431 | 2447.640 | 4199 | 0 | 29943 | 0.0028 | -0.0008 | 0.0012 | 9.32E+06 | 0.404 | 1643.170 | 6199 | 0 | 30539 | 0.0025 | -0.0009 | 0.0008 | 1.13E+07 | 0.414 |
| 1541.400 | 2200 | 0 | 25941 | 0.0026 | -0.0007 | 0.0012 | 9.52E+06 | 0.433 | 2448.640 | 4200 | 0 | 29943 | 0.0028 | -0.0008 | 0.0012 | 9.36E+06 | 0.407 | 1644.170 | 6199 | 0 | 30539 | 0.0025 | -0.0009 | 0.0007 | 1.12E+07 | 0.418 |
| 1542.400 | 2201 | 0 | 25976 | 0.0026 | -0.0007 | 0.0012 | 9.63E+06 | 0.438 | 2449.640 | 4202 | 0 | 30048 | 0.0028 | -0.0008 | 0.0012 | 9.33E+06 | 0.408 | 1645.170 | 6201 | 0 | 30539 | 0.0025 | -0.0009 | 0.0007 | 1.11E+07 | 0.420 |
| 1543.400 | 2201 | 0 | 25941 | 0.0025 | -0.0007 | 0.0012 | 9.68E+06 | 0.441 | 2450.640 | 4200 | 0 | 30013 | 0.0028 | -0.0008 | 0.0012 | 9.27E+06 | 0.408 | 1646.160 | 6200 | 0 | 30645 | 0.0025 | -0.0009 | 0.0008 | 1.10E+07 | 0.425 |
| 1544.400 | 2201 | 0 | 26011 | 0.0025 | -0.0007 | 0.0012 | 9.66E+06 | 0.444 | 2451.640 | 4202 | 0 | 30083 | 0.0028 | -0.0008 | 0.0012 | 9.28E+06 | 0.412 | 1647.160 | 6200 | 0 | 30680 | 0.0025 | -0.0009 | 0.0007 | 1.09E+07 | 0.425 |
| 1545.400 | 2201 | 0 | 25976 | 0.0025 | -0.0007 | 0.0012 | 9.72E+06 | 0.446 | 2452.640 | 4199 | 0 | 30153 | 0.0028 | -0.0008 | 0.0012 | 9.21E+06 | 0.409 | 1648.160 | 6199 | 0 | 30680 | 0.0025 | -0.0009 | 0.0007 | 1.06E+07 | 0.422 |
| 1546.400 | 2202 | 0 | 26046 | 0.0025 | -0.0007 | 0.0012 | 9.80E+06 | 0.451 | 2453.640 | 4201 | 0 | 30118 | 0.0028 | -0.0008 | 0.0012 | 9.24E+06 | 0.412 | 1649.160 | 6201 | 0 | 30715 | 0.0025 | -0.0009 | 0.0008 | 1.06E+07 | 0.426 |
| 1547.400 | 2201 | 0 | 26116 | 0.0026 | -0.0007 | 0.0012 | 9.81E+06 | 0.457 | 2454.640 | 4198 | 0 | 30224 | 0.0028 | -0.0008 | 0.0012 | 9.17E+06 | 0.411 | 1650.160 | 6201 | 0 | 30715 | 0.0025 | -0.0009 | 0.0008 | 1.06E+07 | 0.427 |
| 1548.400 | 2201 | 0 | 26081 | 0.0026 | -0.0007 | 0.0012 | 9.89E+06 | 0.461 | 2455.640 | 4202 | 0 | 30224 | 0.0028 | -0.0008 | 0.0012 | 9.19E+06 | 0.412 | 1651.160 | 6201 | 0 | 30820 | 0.0025 | -0.0009 | 0.0007 | 1.05E+07 | 0.426 |
| 1549.400 | 2201 | 0 | 26152 | 0.0026 | -0.0007 | 0.0012 | 9.86E+06 | 0.463 | 2456.630 | 4198 | 0 | 30259 | 0.0028 | -0.0008 | 0.0012 | 9.21E+06 | 0.416 | 1652.160 | 6200 | 0 | 30926 | 0.0025 | -0.0009 | 0.0007 | 1.05E+07 | 0.427 |
| 1550.400 | 2200 | 0 | 26152 | 0.0025 | -0.0007 | 0.0012 | 9.80E+06 | 0.465 | 2457.630 | 4200 | 0 | 30188 | 0.0028 | -0.0008 | 0.0012 | 9.27E+06 | 0.418 | 1653.160 | 6200 | 0 | 30926 | 0.0025 | -0.0009 | 0.0008 | 1.05E+07 | 0.426 |
| 1551.400 | 2201 | 0 | 26222 | 0.0026 | -0.0007 | 0.0012 | 9.82E+06 | 0.470 | 2458.630 | 4198 | 0 | 30364 | 0.0028 | -0.0008 | 0.0012 | 9.11E+06 | 0.415 | 1654.160 | 6199 | 0 | 30961 | 0.0025 | -0.0009 | 0.0007 | 1.05E+07 | 0.426 |
| 1552.400 | 2201 | 0 | 26257 | 0.0026 | -0.0007 | 0.0012 | 9.73E+06 | 0.467 | 2459.630 | 4203 | 0 | 30329 | 0.0029 | -0.0008 | 0.0012 | 9.13E+06 | 0.416 | 1655.160 | 6200 | 0 | 30926 | 0.0025 | -0.0009 | 0.0008 | 1.05E+07 | 0.426 |
| 1553.400 | 2201 | 0 | 26257 | 0.0026 | -0.0007 | 0.0012 | 9.78E+06 | 0.475 | 2460.630 | 4201 | 0 | 30364 | 0.0028 | -0.0008 | 0.0012 | 9.05E+06 | 0.415 | 1656.160 | 6200 | 0 | 30961 | 0.0025 | -0.0009 | 0.0007 | 1.06E+07 | 0.427 |
| 1554.400 | 2201 | 0 | 26292 | 0.0026 | -0.0007 | 0.0012 | 9.88E+06 | 0.483 | 2461.630 | 4199 | 0 | 30399 | 0.0028 | -0.0008 | 0.0012 | 8.99E+06 | 0.414 | 1657.160 | 6199 | 0 | 31101 | 0.0025 | -0.0009 | 0.0008 | 1.05E+07 | 0.426 |
| 1555.400 | 2201 | 0 | 26362 | 0.0026 | -0.0007 | 0.0012 | 9.88E+06 | 0.484 | 2462.630 | 4199 | 0 | 30469 | 0.0028 | -0.0008 | 0.0012 | 8.97E+06 | 0.413 | 1658.160 | 6199 | 0 | 31101 | 0.0025 | -0.0009 | 0.0007 | 1.06E+07 | 0.428 |
| 1556.400 | 2201 | 0 | 26467 | 0.0026 | -0.0007 | 0.0012 | 9.76E+06 | 0.482 | 2463.630 | 4201 | 0 | 30469 | 0.0028 | -0.0008 | 0.0012 | 8.95E+06 | 0.412 | 1659.160 | 6199 | 0 | 31136 | 0.0025 | -0.0009 | 0.0008 | 1.06E+07 | 0.428 |
| 1557.400 | 2201 | 0 | 26432 | 0.0026 | -0.0007 | 0.0012 | 9.76E+06 | 0.483 | 2464.630 | 4201 | 0 | 30539 | 0.0029 | -0.0008 | 0.0012 | 8.99E+06 | 0.413 | 1660.160 | 6200 | 0 | 31101 | 0.0025 | -0.0009 | 0.0007 | 1.06E+07 | 0.428 |
| 1558.400 | 2201 | 0 | 26467 | 0.0026 | -0.0007 | 0.0012 | 9.60E+06 | 0.482 | 2465.630 | 4200 | 0 | 30539 | 0.0029 | -0.0008 | 0.0012 | 9.00E+06 | 0.415 | 1661.160 | 6199 | 0 | 31206 | 0.0026 | -0.0009 | 0.0008 | 1.06E+07 | 0.429 |
| 1559.400 | 2201 | 0 | 26538 | 0.0026 | -0.0007 | 0.0012 | 9.55E+06 | 0.484 | 2466.630 | 4201 | 0 | 30610 | 0.0029 | -0.0008 | 0.0012 | 8.96E+06 | 0.416 | 1662.160 | 6199 | 0 | 31382 | 0.0025 | -0.0009 | 0.0007 | 1.06E+07 | 0.429 |
| 1560.390 | 2201 | 0 | 26538 | 0.0026 | -0.0007 | 0.0012 | 9.60E+06 | 0.488 | 2467.630 | 4200 | 0 | 30575 | 0.0029 | -0.0009 | 0.0012 | 8.96E+06 | 0.419 | 1663.160 | 6200 | 0 | 31873 | 0.0026 | -0.0009 | 0.0008 | 1.06E+07 | 0.427 |
| 1561.390 | 2199 | 0 | 26608 | 0.0026 | -0.0007 | 0.0012 | 9.55E+06 | 0.489 | 2468.630 | 4200 | 0 | 30645 | 0.0029 | -0.0008 | 0.0012 | 8.98E+06 | 0.422 | 1664.160 | 6201 | 0 | 32260 | 0.0026 | -0.0009 | 0.0008 | 1.06E+07 | 0.426 |
| 1562.390 | 2201 | 0 | 26643 | 0.0026 | -0.0007 | 0.0012 | 9.51E+06 | 0.491 | 2469.630 | 4202 | 0 | 30715 | 0.0029 | -0.0008 | 0.0012 | 9.01E+06 | 0.423 | 1665.160 | 6199 | 0 | 32470 | 0.0026 | -0.0009 | 0.0008 | 1.06E+07 | 0.425 |
| 1563.390 | 2202 | 0 | 26678 | 0.0026 | -0.0007 | 0.0012 | 9.53E+06 | 0.495 | 2470.630 | 4199 | 0 | 30715 | 0.0029 | -0.0009 | 0.0012 | 8.94E+06 | 0.422 | 1666.160 | 6199 | 0 | 32470 | 0.0026 | -0.0009 | 0.0008 | 1.06E+07 | 0.425 |
| 1564.390 | 2201 | 0 | 26748 | 0.0026 | -0.0007 | 0.0012 | 9.39E+06 | 0.493 | 2471.630 | 4201 | 0 | 30820 | 0.0029 | -0.0009 | 0.0012 | 8.95E+06 | 0.424 | 1667.160 | 6199 | 0 | 32224 | 0.0027 | -0.0009 | 0.0008 | 1.06E+07 | 0.425 |
| 1565.390 | 2201 | 0 | 26818 | 0.0026 | -0.0007 | 0.0012 | 9.36E+06 | 0.495 | 2472.630 | 4201 | 0 | 30855 | 0.0029 | -0.0009 | 0.0012 | 8.93E+06 | 0.422 | 1668.160 | 6202 | 0 | 31979 | 0.0026 | -0.0009 | 0.0008 | 1.06E+07 | 0.422 |
| 1566.390 | 2200 | 0 | 26818 | 0.0026 | -0.0007 | 0.0012 | 9.35E+06 | 0.498 | 2473.630 | 4203 | 0 | 30855 | 0.0029 | -0.0009 | 0.0012 | 9.04E+06 | 0.426 | 1669.160 | 6200 | 0 | 31944 | 0.0026 | -0.0009 | 0.0008 | 1.06E+07 | 0.420 |
| 1567.390 | 2201 | 0 | 26854 | 0.0026 | -0.0007 | 0.0012 | 9.25E+06 | 0.495 | 2474.630 | 4198 | 0 | 30820 | 0.0029 | -0.0009 | 0.0012 | 9.03E+06 | 0.427 | 1670.160 | 6199 | 0 | 31838 | 0.0026 | -0.0009 | 0.0008 | 1.06E+07 | 0.420 |
| 1568.390 | 2201 | 0 | 26854 | 0.0026 | -0.0007 | 0.0012 | 9.22E+06 | 0.495 | 2475.630 | 4202 | 0 | 30855 | 0.0029 | -0.0009 | 0.0012 | 9.10E+06 | 0.427 | 1671.160 | 6199 | 0 | 31838 | 0.0026 | -0.0009 | 0.0008 | 1.06E+07 | 0.422 |
| 1569.390 | 2201 | 0 | 26854 | 0.0026 | -0.0007 | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------|------|---|-------|--------|---------|--------|----------|-------|----------|------|---|-------|--------|---------|--------|----------|----------|----------|------|-------|--------|---------|---------|----------|----------|-------|
| 1605.380 | 2201 | 0 | 28047 | 0.0028 | -0.0008 | 0.0011 | 7.80E+06 | 0.557 | 2512.620 | 4201 | 0 | 32224 | 0.0030 | -0.0009 | 0.0012 | 8.67E+06 | 0.507 | 1708.150 | 6199 | 0 | 33523 | 0.0028 | -0.0010 | 0.0008 | 1.07E+07 | 0.441 |
| 1606.380 | 2201 | 0 | 28047 | 0.0028 | -0.0008 | 0.0011 | 7.83E+06 | 0.561 | 2513.620 | 4200 | 0 | 32224 | 0.0031 | -0.0009 | 0.0012 | 8.71E+06 | 0.509 | 1709.140 | 6201 | 0 | 33558 | 0.0028 | -0.0010 | 0.0008 | 1.07E+07 | 0.443 |
| 1607.380 | 2201 | 0 | 28188 | 0.0028 | -0.0008 | 0.0012 | 7.79E+06 | 0.561 | 2514.620 | 4201 | 0 | 32260 | 0.0030 | -0.0009 | 0.0012 | 8.70E+06 | 0.510 | 1710.140 | 6201 | 0 | 33558 | 0.0028 | -0.0010 | 0.0008 | 1.06E+07 | 0.445 |
| 1608.380 | 2201 | 0 | 28188 | 0.0028 | -0.0008 | 0.0012 | 7.76E+06 | 0.556 | 2515.620 | 4200 | 0 | 32330 | 0.0031 | -0.0009 | 0.0012 | 8.65E+06 | 0.510 | 1711.140 | 6199 | 0 | 33628 | 0.0028 | -0.0010 | 0.0008 | 1.07E+07 | 0.449 |
| 1609.380 | 2201 | 0 | 28223 | 0.0028 | -0.0008 | 0.0012 | 7.56E+06 | 0.547 | 2516.620 | 4200 | 0 | 32330 | 0.0031 | -0.0009 | 0.0012 | 8.65E+06 | 0.515 | 1712.140 | 6200 | 0 | 33664 | 0.0028 | -0.0010 | 0.0008 | 1.07E+07 | 0.452 |
| 1610.380 | 2200 | 0 | 28223 | 0.0028 | -0.0008 | 0.0011 | 7.46E+06 | 0.543 | 2517.610 | 4200 | 0 | 32400 | 0.0031 | -0.0009 | 0.0012 | 8.64E+06 | 0.519 | 1713.140 | 6201 | 0 | 33664 | 0.0028 | -0.0010 | 0.0008 | 1.06E+07 | 0.453 |
| 1611.380 | 2202 | 0 | 28223 | 0.0028 | -0.0008 | 0.0011 | 7.49E+06 | 0.548 | 2518.610 | 4203 | 0 | 32400 | 0.0031 | -0.0009 | 0.0012 | 8.52E+06 | 0.519 | 1714.140 | 6199 | 0 | 33664 | 0.0028 | -0.0010 | 0.0008 | 1.06E+07 | 0.454 |
| 1612.380 | 2201 | 0 | 28363 | 0.0028 | -0.0008 | 0.0011 | 7.44E+06 | 0.548 | 2519.610 | 4200 | 0 | 32470 | 0.0031 | -0.0009 | 0.0012 | 8.55E+06 | 0.524 | 1715.140 | 6199 | 0 | 33734 | 0.0028 | -0.0010 | 0.0008 | 1.05E+07 | 0.452 |
| 1612.680 | 2201 | 0 | 28293 | 0.0028 | -0.0008 | 0.0011 | 7.48E+06 | 0.555 | 2520.610 | 4199 | 0 | 32435 | 0.0031 | -0.0009 | 0.0012 | 8.48E+06 | 0.524 | 1716.140 | 6200 | 0 | 33769 | 0.0028 | -0.0010 | 0.0008 | 1.06E+07 | 0.455 |
| 1613.670 | 2201 | 0 | 28328 | 0.0028 | -0.0008 | 0.0012 | 7.43E+06 | 0.554 | 2521.610 | 4200 | 0 | 32505 | 0.0031 | -0.0009 | 0.0012 | 8.39E+06 | 0.523 | 1717.140 | 6199 | 0 | 33804 | 0.0028 | -0.0010 | 0.0008 | 1.05E+07 | 0.457 |
| | | | | | | | | | 2522.610 | 4199 | 0 | 32540 | 0.0031 | -0.0009 | 0.0012 | 8.37E+06 | 0.525 | 1718.140 | 6200 | 0 | 33874 | 0.0028 | -0.0010 | 0.0008 | 1.04E+07 | 0.458 |
| | | | | | | | | | 2523.610 | 4198 | 0 | 32575 | 0.0031 | -0.0009 | 0.0012 | 8.40E+06 | 0.527 | 1719.140 | 6199 | 0 | 33944 | 0.0028 | -0.0010 | 0.0008 | 1.03E+07 | 0.456 |
| | | | | | | | | | 2524.610 | 4200 | 0 | 32646 | 0.0031 | -0.0009 | 0.0012 | 8.22E+06 | 0.522 | 1720.140 | 6199 | 0 | 33944 | 0.0028 | -0.0010 | 0.0008 | 1.02E+07 | 0.456 |
| | | | | | | | | | 2525.610 | 4201 | 0 | 32681 | 0.0031 | -0.0010 | 0.0012 | 8.18E+06 | 0.524 | 1721.140 | 6199 | 0 | 33909 | 0.0028 | -0.0010 | 0.0008 | 1.01E+07 | 0.456 |
| | | | | | | | | | 2526.610 | 4201 | 0 | 32681 | 0.0031 | -0.0010 | 0.0012 | 8.24E+06 | 0.528 | 1722.140 | 6202 | 0 | 33979 | 0.0028 | -0.0010 | 0.0008 | 1.02E+07 | 0.458 |
| | | | | | | | | | 2527.610 | 4203 | 0 | 32786 | 0.0031 | -0.0010 | 0.0012 | 8.15E+06 | 0.527 | 1723.140 | 6199 | 0 | 34015 | 0.0028 | -0.0010 | 0.0008 | 1.03E+07 | 0.461 |
| | | | | | | | | | 2528.610 | 4201 | 0 | 32751 | 0.0031 | -0.0010 | 0.0012 | 8.15E+06 | 0.529 | 1724.140 | 6201 | 0 | 34050 | 0.0028 | -0.0010 | 0.0008 | 1.03E+07 | 0.462 |
| | | | | | | | | | 2529.610 | 4201 | 0 | 32821 | 0.0031 | -0.0010 | 0.0012 | 8.12E+06 | 0.531 | 1725.140 | 6200 | 0 | 34120 | 0.0028 | -0.0010 | 0.0008 | 1.03E+07 | 0.462 |
| | | | | | | | | | 2530.610 | 4200 | 0 | 32821 | 0.0031 | -0.0010 | 0.0012 | 8.11E+06 | 0.533 | 1726.140 | 6199 | 0 | 34155 | 0.0028 | -0.0010 | 0.0008 | 1.03E+07 | 0.464 |
| | | | | | | | | | 2531.610 | 4202 | 0 | 32856 | 0.0031 | -0.0010 | 0.0012 | 8.11E+06 | 0.536 | 1727.140 | 6199 | 0 | 34190 | 0.0028 | -0.0010 | 0.0008 | 1.02E+07 | 0.458 |
| | | | | | | | | | 2532.610 | 4202 | 0 | 32891 | 0.0031 | -0.0010 | 0.0012 | 8.14E+06 | 0.540 | 1728.140 | 6201 | 0 | 34190 | 0.0028 | -0.0010 | 0.0008 | 1.02E+07 | 0.457 |
| | | | | | | | | | 2533.610 | 4201 | 0 | 32927 | 0.0031 | -0.0010 | 0.0012 | 8.08E+06 | 0.541 | 1729.140 | 6201 | 0 | 34260 | 0.0028 | -0.0010 | 0.0008 | 1.01E+07 | 0.458 |
| | | | | | | | | | 2534.610 | 4202 | 0 | 32927 | 0.0031 | -0.0010 | 0.0012 | 8.10E+06 | 0.542 | 1730.140 | 6199 | 0 | 34260 | 0.0028 | -0.0010 | 0.0008 | 9.99E+06 | 0.456 |
| | | | | | | | | | 2535.610 | 4201 | 0 | 32927 | 0.0031 | -0.0010 | 0.0012 | 8.05E+06 | 0.542 | 1731.140 | 6200 | 0 | 34295 | 0.0028 | -0.0010 | 0.0008 | 9.93E+06 | 0.452 |
| | | | | | | | | | 2536.610 | 4199 | 0 | 33032 | 0.0031 | -0.0010 | 0.0012 | 7.98E+06 | 0.542 | 1732.140 | 6199 | 0 | 34331 | 0.0028 | -0.0010 | 0.0008 | 9.83E+06 | 0.449 |
| | | | | | | | | | 2537.610 | 4201 | 0 | 33067 | 0.0031 | -0.0010 | 0.0012 | 7.96E+06 | 0.544 | 1733.140 | 6201 | 0 | 34331 | 0.0028 | -0.0010 | 0.0008 | 9.79E+06 | 0.448 |
| | | | | | | | | | 2538.610 | 4200 | 0 | 33102 | 0.0031 | -0.0010 | 0.0012 | 7.91E+06 | 0.542 | 1734.140 | 6199 | 0 | 34401 | 0.0028 | -0.0010 | 0.0008 | 9.72E+06 | 0.444 |
| | | | | | | | | | 2539.610 | 4201 | 0 | 33137 | 0.0031 | -0.0010 | 0.0012 | 7.83E+06 | 0.540 | 1735.140 | 6199 | 0 | 34366 | 0.0028 | -0.0010 | 0.0008 | 9.70E+06 | 0.445 |
| | | | | | | | | | 2540.610 | 4202 | 0 | 33172 | 0.0031 | -0.0010 | 0.0012 | 7.79E+06 | 0.540 | 1736.140 | 6200 | 0 | 34541 | 0.0028 | -0.0010 | 0.0008 | 9.63E+06 | 0.444 |
| | | | | | | | | | 2541.610 | 4200 | 0 | 33172 | 0.0031 | -0.0010 | 0.0012 | 7.74E+06 | 0.537 | 1737.140 | 6199 | 0 | 34506 | 0.0028 | -0.0010 | 0.0008 | 9.64E+06 | 0.446 |
| | | | | | | | | | 2542.610 | 4200 | 0 | 33207 | 0.0032 | -0.0010 | 0.0012 | 7.67E+06 | 0.534 | 1738.140 | 6199 | 0 | 34541 | 0.0029 | -0.0010 | 0.0008 | 9.67E+06 | 0.448 |
| | | | | | | | | | 2543.610 | 4200 | 0 | 33242 | 0.0032 | -0.0010 | 0.0012 | 7.68E+06 | 0.535 | 1739.140 | 6200 | 0 | 34541 | 0.0029 | -0.0010 | 0.0008 | 9.62E+06 | 0.446 |
| | | | | | | | | | 2544.610 | 4201 | 0 | 33278 | 0.0032 | -0.0010 | 0.0012 | 7.66E+06 | 0.538 | 1740.130 | 6200 | 0 | 34646 | 0.0029 | -0.0010 | 0.0008 | 9.63E+06 | 0.447 |
| | | | | | | | | | 2545.610 | 4201 | 0 | 33278 | 0.0032 | -0.0010 | 0.0012 | 7.59E+06 | 0.536 | 1741.130 | 6199 | 0 | 34682 | 0.0029 | -0.0010 | 0.0008 | 9.57E+06 | 0.446 |
| | | | | | | | | | 2546.610 | 4199 | 0 | 33313 | 0.0032 | -0.0010 | 0.0012 | 7.50E+06 | 0.535 | 1742.130 | 6200 | 0 | 34576 | 0.0029 | -0.0010 | 0.0008 | 9.49E+06 | 0.439 |
| | | | | | | | | | 2547.610 | 4199 | 0 | 33383 | 0.0032 | -0.0010 | 0.0012 | 7.44E+06 | 0.532 | 1743.130 | 6199 | 0 | 34646 | 0.0029 | -0.0010 | 0.0008 | 9.44E+06 | 0.438 |
| | | | | | | | | | 2548.610 | 4201 | 0 | 33453 | 0.0032 | -0.0010 | 0.0012 | 7.43E+06 | 0.533 | 1744.130 | 6200 | 0 | 34682 | 0.0029 | -0.0010 | 0.0008 | 9.43E+06 | 0.436 |
| | | | | | | | | | 2549.600 | 4200 | 0 | 33418 | 0.0032 | -0.0010 | 0.0012 | 7.36E+06 | 0.532 | 1745.130 | 6202 | 0 | 34752 | 0.0029 | -0.0010 | 0.0008 | 9.41E+06 | 0.435 |
| | | | | | | | | | 2550.600 | 4200 | 0 | 33453 | 0.0032 | -0.0010 | 0.0012 | 7.39E+06 | 0.534 | 1746.130 | 6200 | 0 | 34822 | 0.0029 | -0.0010 | 0.0008 | 9.41E+06 | 0.433 |
| | | | | | | | | | 2551.600 | 4202 | 0 | 33558 | 0.0032 | -0.0010 | 0.0012 | 7.29E+06 | 0.531 | 1747.130 | 6199 | 0 | 34822 | 0.0029 | -0.0010 | 0.0008 | 9.41E+06 | 0.436 |
| | | | | | | | | | 2552.600 | 4201 | 0 | 33523 | 0.0032 | -0.0010 | 0.0012 | 7.24E+06 | 0.531 | 1748.130 | 6199 | 0 | 34857 | 0.0029 | -0.0010 | 0.0008 | 9.32E+06 | 0.437 |
| | | | | | | | | | 2553.600 | 4199 | 0 | 33558 | 0.0032 | -0.0010 | 0.0012 | 7.32E+06 | 0.535 | 1749.130 | 6200 | 0 | 34927 | 0.0029 | -0.0010 | 0.0008 | 9.32E+06 | 0.436 |
| | | | | | | | | | 2554.600 | 4201 | 0 | 33593 | 0.0032 | -0.0010 | 0.0012 | 7.42E+06 | 0.547 | 1750.130 | 6200 | 0 | 34927 | 0.0029 | -0.0010 | 0.0008 | 9.33E+06 | 0.438 |
| | | | | | | | | | 2555.600 | 4201 | 0 | 33664 | 0.0032 | -0.0010 | 0.0012 | 7.51E+06 | 0.552 | 1751.130 | 6200 | 0 | 34962 | 0.0029 | -0.0011 | 0.0008 | 9.44E+06 | 0.441 |
| | | | | | | | | | 2556.600 | 4199 | 0 | 33664 | 0.0032 | -0.0010 | 0.0012 | 7.68E+06 | 0.563 | 1752.130 | 6200 | 0 | 35033 | 0.0029 | -0.0011 | 0.0008 | 9.47E+06 | 0.442 |
| | | | | | | | | | 2557.600 | 4201 | 0 | 33699 | 0.0032 | -0.0010 | 0.0012 | 7.49E+06 | 0.553 | 1753.130 | 6200 | 0 | 35033 | 0.0029 | -0.0011 | 0.0008 | 9.46E+06 | 0.441 |
| | | | | | | | | | 2558.600 | 4204 | 0 | 33734 | 0.0032 | -0.0010 | 0.0012 | 7.43E+06 | 0.550 | 1754.130 | 6201 | 0 | 35068 | 0.0029 | -0.0011 | 0.0008 | 9.45E+06 | 0.443 |
| | | | | | | | | | 2559.600 | 4202 | 0 | 33734 | 0.0032 | -0.0010 | 0.0012 | 7.45E+06 | 0.552 | 1755.130 | 6198 | 0 | 35103 | 0.0029 | -0.0011 | 0.0008 | 9.49E+06 | 0.445 |
| | | | | | | | | | 2560.600 | 4201 | 0 | 33769 | 0.0032 | -0.0010 | 0.0012 | 7.40E+06 | 0.555 | 1756.130 | 6201 | 0 | 35103 | 0.0029 | -0.0011 | 0.0008 | 9.50E+06 | 0.444 |
| | | | | | | | | | 2561.600 | 4200 | 0 | 33839 | 0.0033 | -0.0010 | 0.0012 | 7.19E+06 | 0.551 | 1757.130 | 6200 | 0 | 35138 | 0.0029 | -0.0011 | 0.0008 | 9.52E+06 | 0.446 |
| | | | | | | | | | | | | | | | | | 1758.130 | 6200 | 0 | 35208 | 0.0029 | -0.0011 | 0.0008 | 9.58E+06 | 0.448 | |
| | | | | | | | | | | | | | | | | | 1759.130 | 6199 | 0 | 35208 | 0.0029 | -0.0011 | 0.0008 | 9.49E+06 | 0.445 | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | |
|----------|------|---|-------|--------|---------|--------|----------|-------|
| 1787.120 | 6200 | 0 | 35945 | 0.0030 | -0.0011 | 0.0008 | 9.24E+06 | 0.454 |
| 1788.120 | 6200 | 0 | 36086 | 0.0030 | -0.0011 | 0.0008 | 9.26E+06 | 0.457 |
| 1789.120 | 6200 | 0 | 36015 | 0.0030 | -0.0011 | 0.0008 | 9.28E+06 | 0.461 |
| 1790.120 | 6201 | 0 | 36051 | 0.0030 | -0.0011 | 0.0008 | 9.21E+06 | 0.459 |
| 1791.120 | 6199 | 0 | 36121 | 0.0030 | -0.0011 | 0.0008 | 9.24E+06 | 0.460 |
| 1792.120 | 6201 | 0 | 36156 | 0.0030 | -0.0011 | 0.0008 | 9.28E+06 | 0.462 |
| 1793.120 | 6200 | 0 | 36086 | 0.0030 | -0.0011 | 0.0008 | 9.27E+06 | 0.460 |
| 1794.120 | 6200 | 0 | 35910 | 0.0030 | -0.0011 | 0.0008 | 9.28E+06 | 0.460 |
| 1795.120 | 6199 | 0 | 35805 | 0.0030 | -0.0011 | 0.0008 | 9.22E+06 | 0.458 |
| 1796.120 | 6200 | 0 | 35945 | 0.0030 | -0.0011 | 0.0008 | 9.19E+06 | 0.457 |
| 1797.120 | 6199 | 0 | 36472 | 0.0031 | -0.0011 | 0.0008 | 9.21E+06 | 0.456 |
| 1798.120 | 6200 | 0 | 37033 | 0.0031 | -0.0011 | 0.0008 | 9.27E+06 | 0.458 |
| 1799.120 | 6201 | 0 | 37209 | 0.0031 | -0.0011 | 0.0008 | 9.23E+06 | 0.456 |
| 1800.120 | 6201 | 0 | 37279 | 0.0031 | -0.0011 | 0.0008 | 9.25E+06 | 0.455 |
| 1801.120 | 6199 | 0 | 37244 | 0.0031 | -0.0012 | 0.0008 | 9.23E+06 | 0.454 |
| 1802.110 | 6199 | 0 | 37174 | 0.0031 | -0.0012 | 0.0008 | 9.26E+06 | 0.452 |
| 1803.110 | 6200 | 0 | 37139 | 0.0031 | -0.0012 | 0.0008 | 9.33E+06 | 0.451 |
| 1804.110 | 6199 | 0 | 37104 | 0.0031 | -0.0012 | 0.0008 | 9.36E+06 | 0.449 |
| 1805.110 | 6200 | 0 | 37104 | 0.0031 | -0.0012 | 0.0008 | 9.37E+06 | 0.447 |
| 1806.110 | 6199 | 0 | 37174 | 0.0031 | -0.0012 | 0.0008 | 9.35E+06 | 0.444 |
| 1807.110 | 6200 | 0 | 37174 | 0.0031 | -0.0012 | 0.0008 | 9.34E+06 | 0.439 |
| 1808.110 | 6200 | 0 | 37104 | 0.0032 | -0.0012 | 0.0008 | 9.29E+06 | 0.433 |
| 1809.110 | 6199 | 0 | 37244 | 0.0031 | -0.0012 | 0.0008 | 9.27E+06 | 0.428 |
| 1810.110 | 6200 | 0 | 37209 | 0.0031 | -0.0012 | 0.0008 | 9.23E+06 | 0.423 |
| 1811.110 | 6201 | 0 | 37244 | 0.0031 | -0.0012 | 0.0008 | 9.21E+06 | 0.419 |
| 1812.110 | 6200 | 0 | 37314 | 0.0032 | -0.0012 | 0.0008 | 9.13E+06 | 0.413 |
| 1813.110 | 6199 | 0 | 37314 | 0.0032 | -0.0012 | 0.0008 | 9.05E+06 | 0.410 |
| 1814.110 | 6200 | 0 | 37314 | 0.0032 | -0.0012 | 0.0008 | 9.02E+06 | 0.405 |
| 1815.110 | 6200 | 0 | 37349 | 0.0032 | -0.0012 | 0.0008 | 8.96E+06 | 0.398 |
| 1816.110 | 6199 | 0 | 37385 | 0.0032 | -0.0012 | 0.0008 | 8.93E+06 | 0.396 |
| 1817.110 | 6201 | 0 | 37490 | 0.0032 | -0.0012 | 0.0008 | 8.85E+06 | 0.390 |
| 1818.110 | 6200 | 0 | 37490 | 0.0032 | -0.0012 | 0.0008 | 8.71E+06 | 0.383 |
| 1819.110 | 6199 | 0 | 37560 | 0.0032 | -0.0012 | 0.0008 | 8.60E+06 | 0.377 |
| 1820.110 | 6201 | 0 | 37525 | 0.0032 | -0.0012 | 0.0008 | 8.27E+06 | 0.370 |
| 1821.110 | 6200 | 0 | 37560 | 0.0032 | -0.0012 | 0.0008 | 7.85E+06 | 0.363 |
| 1822.110 | 6200 | 0 | 37665 | 0.0032 | -0.0012 | 0.0008 | 7.35E+06 | 0.352 |
| 1823.110 | 6199 | 0 | 37665 | 0.0032 | -0.0012 | 0.0008 | 7.15E+06 | 0.337 |
| 1824.110 | 6199 | 0 | 37700 | 0.0032 | -0.0012 | 0.0008 | 7.27E+06 | 0.333 |
| 1825.110 | 6200 | 0 | 37700 | 0.0032 | -0.0012 | 0.0008 | 7.36E+06 | 0.333 |
| 1826.110 | 6199 | 0 | 37700 | 0.0032 | -0.0012 | 0.0008 | 7.43E+06 | 0.332 |
| 1827.110 | 6200 | 0 | 37736 | 0.0032 | -0.0012 | 0.0008 | 7.54E+06 | 0.333 |
| 1828.110 | 6199 | 0 | 37876 | 0.0032 | -0.0012 | 0.0008 | 7.55E+06 | 0.334 |
| 1829.110 | 6200 | 0 | 37876 | 0.0032 | -0.0012 | 0.0008 | 7.56E+06 | 0.335 |
| 1830.110 | 6200 | 0 | 37841 | 0.0032 | -0.0012 | 0.0009 | 7.52E+06 | 0.337 |
| 1831.110 | 6200 | 0 | 37841 | 0.0032 | -0.0012 | 0.0008 | 7.46E+06 | 0.338 |
| 1832.110 | 6200 | 0 | 37911 | 0.0032 | -0.0012 | 0.0009 | 7.48E+06 | 0.343 |
| 1833.100 | 6199 | 0 | 37946 | 0.0032 | -0.0012 | 0.0009 | 7.41E+06 | 0.346 |
| 1834.100 | 6199 | 0 | 37981 | 0.0032 | -0.0012 | 0.0009 | 7.22E+06 | 0.346 |
| 1835.100 | 6202 | 0 | 38016 | 0.0032 | -0.0012 | 0.0009 | 7.20E+06 | 0.350 |
| 1836.100 | 6199 | 0 | 38051 | 0.0033 | -0.0012 | 0.0009 | 7.16E+06 | 0.354 |
| 1837.100 | 6199 | 0 | 38051 | 0.0033 | -0.0012 | 0.0009 | 7.10E+06 | 0.359 |
| 1838.100 | 6200 | 0 | 38087 | 0.0033 | -0.0012 | 0.0009 | 7.10E+06 | 0.366 |
| 1839.100 | 6201 | 0 | 38122 | 0.0033 | -0.0012 | 0.0009 | 7.07E+06 | 0.372 |
| 1840.100 | 6201 | 0 | 38157 | 0.0033 | -0.0012 | 0.0009 | 6.95E+06 | 0.380 |
| 1841.100 | 6200 | 0 | 38157 | 0.0033 | -0.0012 | 0.0009 | 6.82E+06 | 0.383 |
| 1842.100 | 6200 | 0 | 38262 | 0.0033 | -0.0012 | 0.0009 | 6.75E+06 | 0.386 |
| 1843.100 | 6199 | 0 | 38157 | 0.0033 | -0.0012 | 0.0009 | 6.79E+06 | 0.394 |
| 1844.100 | 6200 | 0 | 38297 | 0.0033 | -0.0012 | 0.0009 | 6.79E+06 | 0.403 |
| 1845.100 | 6200 | 0 | 38262 | 0.0033 | -0.0012 | 0.0009 | 6.80E+06 | 0.410 |
| 1846.100 | 6200 | 0 | 38297 | 0.0033 | -0.0012 | 0.0009 | 6.75E+06 | 0.416 |
| 1847.100 | 6200 | 0 | 38332 | 0.0033 | -0.0012 | 0.0009 | 6.68E+06 | 0.423 |
| 1848.100 | 6201 | 0 | 38403 | 0.0033 | -0.0012 | 0.0009 | 6.71E+06 | 0.431 |
| 1849.100 | 6199 | 0 | 38403 | 0.0033 | -0.0012 | 0.0009 | 6.74E+06 | 0.442 |
| 1850.100 | 6200 | 0 | 38403 | 0.0033 | -0.0012 | 0.0009 | 6.77E+06 | 0.449 |
| 1851.100 | 6199 | 0 | 38438 | 0.0033 | -0.0012 | 0.0009 | 6.78E+06 | 0.459 |
| 1852.100 | 6199 | 0 | 38508 | 0.0033 | -0.0012 | 0.0009 | 6.78E+06 | 0.468 |
| 1853.100 | 6201 | 0 | 38473 | 0.0033 | -0.0012 | 0.0009 | 6.75E+06 | 0.474 |
| 1854.100 | 6199 | 0 | 38543 | 0.0033 | -0.0012 | 0.0009 | 6.87E+06 | 0.481 |
| 1855.100 | 6199 | 0 | 38543 | 0.0033 | -0.0012 | 0.0009 | 6.92E+06 | 0.487 |
| 1856.100 | 6199 | 0 | 38543 | 0.0033 | -0.0012 | 0.0009 | 6.90E+06 | 0.484 |
| 1857.100 | 6200 | 0 | 38613 | 0.0033 | -0.0012 | 0.0009 | 6.89E+06 | 0.487 |
| 1858.100 | 6199 | 0 | 38578 | 0.0033 | -0.0012 | 0.0009 | 6.91E+06 | 0.487 |
| 1859.100 | 6199 | 0 | 38613 | 0.0033 | -0.0012 | 0.0009 | 6.87E+06 | 0.483 |
| 1860.100 | 6201 | 0 | 38648 | 0.0033 | -0.0012 | 0.0009 | 6.90E+06 | 0.480 |
| 1861.100 | 6199 | 0 | 38718 | 0.0033 | -0.0012 | 0.0009 | 6.89E+06 | 0.478 |
| 1862.100 | 6200 | 0 | 38718 | 0.0034 | -0.0012 | 0.0009 | 6.84E+06 | 0.471 |
| 1863.100 | 6200 | 0 | 38754 | 0.0034 | -0.0012 | 0.0009 | 6.77E+06 | 0.466 |
| 1864.100 | 6199 | 0 | 38789 | 0.0034 | -0.0012 | 0.0009 | 6.80E+06 | 0.463 |
| 1865.090 | 6200 | 0 | 38789 | 0.0034 | -0.0013 | 0.0009 | 6.79E+06 | 0.461 |

| | | | | | | | | |
|----------|------|---|-------|--------|---------|--------|----------|-------|
| 1866.090 | 6199 | 0 | 38824 | 0.0034 | -0.0013 | 0.0009 | 6.77E+06 | 0.456 |
| 1867.090 | 6199 | 0 | 38824 | 0.0034 | -0.0013 | 0.0009 | 6.78E+06 | 0.456 |
| 1868.090 | 6199 | 0 | 38894 | 0.0034 | -0.0013 | 0.0009 | 6.84E+06 | 0.454 |
| 1869.090 | 6199 | 0 | 38894 | 0.0034 | -0.0013 | 0.0009 | 6.75E+06 | 0.451 |
| 1870.090 | 6200 | 0 | 38929 | 0.0034 | -0.0013 | 0.0009 | 6.79E+06 | 0.450 |
| 1871.090 | 6201 | 0 | 38929 | 0.0034 | -0.0013 | 0.0009 | 6.77E+06 | 0.448 |
| 1872.090 | 6202 | 0 | 38964 | 0.0034 | -0.0013 | 0.0009 | 6.76E+06 | 0.444 |
| 1873.090 | 6199 | 0 | 38999 | 0.0034 | -0.0013 | 0.0009 | 6.69E+06 | 0.442 |
| 1874.090 | 6202 | 0 | 38999 | 0.0034 | -0.0013 | 0.0009 | 6.64E+06 | 0.437 |
| 1875.090 | 6201 | 0 | 39105 | 0.0034 | -0.0013 | 0.0009 | 6.63E+06 | 0.438 |
| 1876.090 | 6199 | 0 | 39069 | 0.0034 | -0.0013 | 0.0009 | 6.56E+06 | 0.437 |
| 1877.090 | 6201 | 0 | 39105 | 0.0034 | -0.0013 | 0.0009 | 6.57E+06 | 0.436 |
| 1878.090 | 6200 | 0 | 39105 | 0.0034 | -0.0013 | 0.0009 | 6.66E+06 | 0.441 |
| 1879.090 | 6199 | 0 | 39175 | 0.0034 | -0.0013 | 0.0009 | 6.66E+06 | 0.444 |
| 1880.090 | 6199 | 0 | 39140 | 0.0034 | -0.0013 | 0.0009 | 6.72E+06 | 0.450 |
| 1881.090 | 6201 | 0 | 39210 | 0.0034 | -0.0013 | 0.0009 | 6.75E+06 | 0.454 |
| 1882.090 | 6200 | 0 | 39245 | 0.0034 | -0.0013 | 0.0009 | 6.75E+06 | 0.459 |
| 1883.090 | 6199 | 0 | 39280 | 0.0034 | -0.0013 | 0.0009 | 6.77E+06 | 0.464 |
| 1884.090 | 6199 | 0 | 39280 | 0.0034 | -0.0013 | 0.0009 | 6.76E+06 | 0.468 |
| 1885.090 | 6199 | 0 | 39350 | 0.0034 | -0.0013 | 0.0009 | 6.69E+06 | 0.470 |
| 1886.090 | 6199 | 0 | 39315 | 0.0034 | -0.0013 | 0.0009 | 6.65E+06 | 0.476 |
| 1887.090 | 6199 | 0 | 39315 | 0.0034 | -0.0013 | 0.0009 | 6.63E+06 | 0.479 |
| 1888.090 | 6202 | 0 | 39315 | 0.0034 | -0.0013 | 0.0009 | 6.59E+06 | 0.484 |
| 1889.090 | 6201 | 0 | 39421 | 0.0034 | -0.0013 | 0.0009 | 6.58E+06 | 0.487 |
| 1890.090 | 6201 | 0 | 39421 | 0.0035 | -0.0013 | 0.0009 | 6.56E+06 | 0.491 |
| 1891.090 | 6199 | 0 | 39456 | 0.0035 | -0.0013 | 0.0009 | 6.50E+06 | 0.498 |
| 1892.090 | 6201 | 0 | 39491 | 0.0035 | -0.0013 | 0.0009 | 6.46E+06 | 0.502 |
| 1893.090 | 6199 | 0 | 39561 | 0.0035 | -0.0013 | 0.0009 | 6.41E+06 | 0.509 |
| 1894.090 | 6199 | 0 | 39491 | 0.0035 | -0.0013 | 0.0009 | 6.38E+06 | 0.515 |
| 1895.090 | 6201 | 0 | 39596 | 0.0035 | -0.0013 | 0.0009 | 6.41E+06 | 0.524 |
| 1896.080 | 6200 | 0 | 39596 | 0.0035 | -0.0013 | 0.0009 | 6.40E+06 | 0.532 |
| 1897.080 | 6201 | 0 | 39631 | 0.0035 | -0.0013 | 0.0009 | 6.37E+06 | 0.542 |
| 1898.080 | 6200 | 0 | 39631 | 0.0035 | -0.0013 | 0.0009 | 6.31E+06 | 0.549 |
| 1899.080 | 6200 | 0 | 39666 | 0.0035 | -0.0013 | 0.0009 | 6.29E+06 | 0.560 |
| 1900.080 | 6200 | 0 | 39666 | 0.0035 | -0.0013 | 0.0009 | 6.20E+06 | 0.571 |
| 1901.080 | 6200 | 0 | 39666 | 0.0035 | -0.0013 | 0.0009 | 6.21E+06 | 0.583 |
| 1902.080 | 6200 | 0 | 39772 | 0.0035 | -0.0013 | 0.0009 | 6.15E+06 | 0.593 |
| 1903.080 | 6200 | 0 | 39772 | 0.0035 | -0.0013 | 0.0009 | 6.17E+06 | 0.606 |
| 1904.080 | 6199 | 0 | 39772 | 0.0035 | -0.0013 | 0.0009 | 6.10E+06 | 0.615 |
| 1905.080 | 6202 | 0 | 39807 | 0.0035 | -0.0013 | 0.0009 | 6.09E+06 | 0.623 |
| 1906.080 | 6200 | 0 | 39842 | 0.0035 | -0.0013 | 0.0009 | 5.98E+06 | 0.631 |
| 1907.080 | 6199 | 0 | 39842 | 0.0035 | -0.0013 | 0.0009 | 5.97E+06 | 0.637 |
| 1908.080 | 6200 | 0 | 39842 | 0.0035 | -0.0013 | 0.0009 | 5.99E+06 | 0.648 |
| 1909.080 | 6200 | 0 | 39947 | 0.0035 | -0.0013 | 0.0009 | 5.97E+06 | 0.656 |
| 1910.080 | 6200 | 0 | 39912 | 0.0035 | -0.0013 | 0.0009 | 5.93E+06 | 0.661 |
| 1911.080 | 6200 | 0 | 39912 | 0.0035 | -0.0013 | 0.0009 | 5.90E+06 | 0.667 |
| 1912.080 | 6200 | 0 | 39947 | 0.0035 | -0.0013 | 0.0009 | 5.82E+06 | 0.670 |
| 1913.080 | 6201 | 0 | 39982 | 0.0035 | -0.0013 | 0.0009 | 5.70E+06 | 0.670 |
| 1914.080 | 6199 | 0 | 40017 | 0.0035 | -0.0013 | 0.0009 | 5.54E+06 | 0.669 |
| 1915.080 | 6202 | 0 | 40052 | 0.0036 | -0.0013 | 0.0009 | 5.42E+06 | 0.671 |
| 1916.080 | 6200 | 0 | 40052 | 0.0035 | -0.0013 | 0.0008 | 5.32E+06 | 0.675 |
| 1917.080 | 6200 | 0 | 40087 | 0.0036 | -0.0014 | 0.0008 | 5.29E+06 | 0.677 |
| 1918.080 | 6200 | 0 | 40052 | 0.0036 | -0.0014 | 0.0008 | 5.24E+06 | 0.683 |
| 1919.080 | 6201 | 0 | 40123 | 0.0036 | -0.0014 | 0.0009 | 5.19E+06 | 0.686 |
| 1920.080 | 6201 | 0 | 40228 | 0.0036 | -0.0014 | 0.0009 | 5.08E+06 | 0.691 |
| 1921.080 | 6199 | 0 | 40193 | 0.0036 | -0.0014 | 0.0008 | 4.99E+06 | 0.693 |
| 1922.080 | 6199 | 0 | 40193 | 0.0036 | -0.0014 | 0.0008 | 4.90E+06 | 0.694 |
| 1923.080 | 6200 | 0 | 40193 | 0.0036 | -0.0014 | 0.0008 | 4.83E+06 | 0.695 |
| 1924.080 | 6199 | 0 | 40228 | 0.0036 | -0.0014 | 0.0008 | 4.77E+06 | 0.696 |
| 1925.080 | 6200 | 0 | 40193 | 0.0036 | -0.0014 | 0.0008 | 4.64E+06 | 0.694 |
| 1926.080 | 6201 | 0 | 40263 | 0.0036 | -0.0014 | 0.0008 | 4.52E+06 | 0.694 |
| 1927.070 | 6199 | 0 | 40298 | 0.0036 | -0.0014 | 0.0008 | 4.38E+06 | 0.694 |
| 1928.070 | 6200 | 0 | 40368 | 0.0036 | -0.0014 | 0.0008 | 4.28E+06 | 0.692 |
| 1929.070 | 6200 | 0 | 40333 | 0.0036 | -0.0014 | 0.0008 | 4.10E+06 | 0.687 |
| 1930.070 | 6201 | 0 | 40403 | 0.0036 | -0.0014 | 0.0008 | 3.96E+06 | 0.688 |
| 1931.070 | 6200 | 0 | 40333 | 0.0036 | -0.0014 | 0.0008 | 3.86E+06 | 0.691 |
| 1932.070 | 6200 | 0 | 40438 | 0.0036 | -0.0014 | 0.0008 | 3.76E+06 | 0.696 |
| 1933.070 | 6199 | 0 | 40438 | 0.0036 | -0.0014 | 0.0008 | 3.65E+06 | 0.701 |
| 1934.070 | 6201 | 0 | 40438 | 0.0036 | -0.0014 | 0.0008 | 3.50E+06 | 0.706 |
| 1935.070 | 6200 | 0 | 40474 | 0.0036 | -0.0014 | 0.0008 | 3.38E+06 | 0.706 |
| 1936.070 | 6200 | 0 | 40474 | 0.0036 | -0.0014 | 0.0008 | 3.15E+06 | 0.706 |
| 1937.070 | 6201 | 0 | 40509 | 0.0036 | -0.0014 | 0.0008 | 2.94E+06 | 0.706 |
| 1938.070 | 6200 | 0 | 40474 | 0.0036 | -0.0014 | 0.0008 | 2.74E+06 | 0.704 |
| 1939.070 | 6199 | 0 | 40474 | 0.0037 | -0.0014 | 0.0008 | 2.49E+06 | 0.701 |
| 1940.070 | 6199 | 0 | 40474 | 0.0037 | -0.0014 | 0.0008 | 2.26E+06 | 0.701 |
| 1941.070 | 6201 | 0 | 40509 | 0.0037 | -0.0014 | 0.0008 | 1.94E+06 | 0.700 |
| 1942.070 | 6199 | 0 | 40614 | 0.0037 | -0.0014 | 0.0008 | 1.54E+06 | 0.701 |
| 1943.070 | 6200 | 0 | 40579 | 0.0037 | -0.0014 | 0.0008 | 1.01E+06 | 0.700 |
| 1944.070 | 6201 | 0 | 40579 | 0.0037 | -0.0014 | 0.0008 | 5.31E+05 | 0.706 |

| | | | | | | | | |
|----------|------|---|-------|--------|---------|--------|-----------|-------|
| 1945.070 | 6201 | 0 | 40544 | 0.0037 | -0.0014 | 0.0008 | 5.01E+04 | 0.710 |
| 1946.070 | 6200 | 0 | 40579 | 0.0037 | -0.0014 | 0.0008 | -4.21E+05 | 0.714 |
| 1947.070 | 6199 | 0 | 40579 | 0.0037 | -0.0014 | 0.0008 | -1.00E+06 | 0.723 |
| 1948.070 | 6201 | 0 | 40649 | 0.0037 | -0.0014 | 0.0008 | -1.65E+06 | 0.729 |
| 1949.070 | 6200 | 0 | 40684 | 0.0037 | -0.0015 | 0.0008 | -2.25E+06 | 0.738 |
| 1950.070 | 6199 | 0 | 40614 | 0.0037 | -0.0015 | 0.0008 | -2.82E+06 | 0.747 |
| 1951.070 | 6201 | 0 | 40649 | 0.0037 | -0.0015 | 0.0008 | -3.31E+06 | 0.755 |
| 1952.070 | 6200 | 0 | 40614 | 0.0037 | -0.0015 | 0.0008 | -3.74E+06 | 0.761 |
| 1953.070 | 6199 | 0 | 40649 | 0.0037 | -0.0015 | 0.0008 | -4.11E+06 | 0.764 |
| 1954.070 | 6201 | 0 | 40614 | 0.0037 | -0.0015 | 0.0008 | -4.38E+06 | 0.768 |
| 1955.070 | 6200 | 0 | 40649 | 0.0037 | -0.0015 | 0.0008 | -4.63E+06 | 0.771 |
| 1956.070 | 6201 | 0 | 40684 | 0.0037 | -0.0015 | 0.0008 | -4.82E+06 | 0.773 |
| 1957.070 | 6200 | 0 | 40649 | 0.0037 | -0.0015 | 0.0008 | -5.01E+06 | 0.776 |
| 1958.070 | 6199 | 0 | 40684 | 0.0037 | -0.0015 | 0.0008 | -5.14E+06 | 0.779 |
| 1959.060 | 6199 | 0 | 40649 | 0.0037 | -0.0015 | 0.0008 | -5.26E+06 | 0.784 |
| 1960.060 | 6200 | 0 | 40684 | 0.0038 | -0.0015 | 0.0008 | -5.36E+06 | 0.788 |
| 1961.060 | 6200 | 0 | 40544 | 0.0038 | -0.0015 | 0.0008 | -5.44E+06 | 0.788 |
| 1962.060 | 6199 | 0 | 40614 | 0.0038 | -0.0015 | 0.0008 | -5.49E+06 | 0.789 |
| 1963.060 | 6199 | 0 | 40614 | 0.0038 | -0.0015 | 0.0008 | -5.58E+06 | 0.791 |
| 1964.060 | 6199 | 0 | 40544 | 0.0038 | -0.0015 | 0.0008 | -5.68E+06 | 0.792 |
| 1965.060 | 6199 | 0 | 40509 | 0.0038 | -0.0015 | 0.0007 | -5.81E+06 | 0.794 |
| 1966.060 | 6199 | 0 | 40368 | 0.0038 | -0.0015 | 0.0007 | -5.92E+06 | 0.799 |
| 1967.060 | 6199 | 0 | 40263 | 0.0039 | -0.0016 | 0.0007 | -6.02E+06 | 0.803 |
| 1968.060 | 6199 | 0 | 40052 | 0.0039 | -0.0016 | 0.0007 | -6.09E+06 | 0.806 |
| 1969.060 | 6200 | 0 | 40017 | 0.0039 | -0.0016 | 0.0007 | -6.21E+06 | 0.813 |
| 1970.060 | 6201 | 0 | 39842 | 0.0039 | -0.0016 | 0.0007 | -6.31E+06 | 0.817 |
| 1971.060 | 6202 | 0 | 39666 | 0.0039 | -0.0016 | 0.0007 | -6.43E+06 | 0.822 |
| 1972.060 | 6200 | 0 | 39210 | 0.0039 | -0.0016 | 0.0007 | -6.54E+06 | 0.827 |
| 1973.060 | 6200 | 0 | 38859 | 0.0039 | -0.0016 | 0.0007 | -6.64E+06 | 0.833 |
| 1974.060 | 6200 | 0 | 38754 | 0.0039 | -0.0016 | 0.0007 | -6.73E+06 | 0.839 |
| 1975.060 | 6199 | 0 | 38683 | 0.0039 | -0.0016 | 0.0007 | -6.77E+06 | 0.843 |
| 1976.060 | 6200 | 0 | 38754 | 0.0039 | -0.0016 | 0.0007 | -6.85E+06 | 0.846 |
| 1977.060 | 6201 | 0 | 38929 | 0.0039 | -0.0016 | 0.0007 | -6.89E+06 | 0.851 |
| 1978.060 | 6199 | 0 | 38964 | 0.0039 | -0.0016 | 0.0007 | -6.97E+06 | 0.860 |
| 1979.060 | 6200 | 0 | 39140 | 0.0039 | -0.0016 | 0.0007 | -7.01E+06 | 0.864 |
| 1980.060 | 6199 | 0 | 39210 | 0.0039 | -0.0016 | 0.0007 | -7.00E+06 | 0.862 |
| 1981.060 | 6200 | 0 | 39245 | 0.0039 | -0.0016 | 0.0007 | -6.97E+06 | 0.865 |
| 1982.060 | 6199 | 0 | 39280 | 0.0039 | -0.0016 | 0.0007 | -6.91E+06 | 0.869 |
| 1983.060 | 6199 | 0 | 39350 | 0.0039 | -0.0016 | 0.0007 | -6.87E+06 | 0.877 |
| 1984.060 | 6201 | 0 | 39385 | 0.0039 | -0.0016 | 0.0006 | -6.73E+06 | 0.880 |
| 1985.060 | 6201 | 0 | 39385 | 0.0039 | -0.0017 | 0.0006 | -6.61E+06 | 0.889 |
| 1986.060 | 6200 | 0 | 39245 | 0.0040 | -0.0017 | 0.0006 | -6.41E+06 | 0.897 |
| 1987.060 | 6202 | 0 | 39315 | 0.0040 | -0.0017 | 0.0006 | -6.15E+06 | 0.897 |
| 1988.060 | 6199 | 0 | 39140 | 0.0040 | -0.0017 | 0.0006 | -5.79E+06 | 0.897 |
| 1989.060 | 6199 | 0 | 39140 | 0.0040 | -0.0017 | 0.0006 | -5.36E+06 | 0.896 |
| 1990.050 | 6200 | 0 | 38999 | 0.0040 | -0.0017 | 0.0006 | -4.87E+06 | 0.889 |
| 1991.050 | 6199 | 0 | 39105 | 0.0040 | -0.0017 | 0.0006 | -4.36E+06 | 0.889 |
| 1992.050 | 6200 | 0 | 39034 | 0.0040 | -0.0017 | 0.0006 | -3.86E+06 | 0.881 |
| 1993.050 | 6201 | 0 | 39034 | 0.0040 | -0.0017 | 0.0006 | -3.42E+06 | 0.873 |
| 1994.050 | 6199 | 0 | 38929 | 0.0040 | -0.0017 | 0.0006 | -3.12E+06 | 0.866 |
| 1995.050 | 6199 | 0 | 38929 | 0.0040 | -0.0017 | 0.0006 | -2.83E+06 | 0.857 |
| 1996.050 | 6200 | 0 | 38894 | 0.0040 | -0.0017 | 0.0006 | -2.64E+06 | 0.857 |
| 1997.050 | 6200 | 0 | 38859 | 0.0040 | -0.0017 | 0.0006 | -2.50E+06 | 0.855 |
| 1998.050 | 6199 | 0 | 38929 | 0.0040 | -0.0017 | 0.0006 | -2.53E+06 | 0.857 |
| 1999.050 | 6198 | 0 | 38824 | 0.0040 | -0.0017 | 0.0006 | -2.69E+06 | 0.859 |
| 2000.050 | 6199 | 0 | 38859 | 0.0040 | -0.0017 | 0.0006 | -2.98E+06 | 0.868 |
| 2001.050 | 6200 | 0 | 38718 | 0.0040 | -0.0017 | 0.0006 | -3.28E+06 | 0.875 |
| 2002.050 | 6199 | 0 | 38824 | 0.0040 | -0.0017 | 0.0006 | -3.64E+06 | 0.886 |
| 2003.050 | 6199 | 0 | 38824 | 0.0040 | -0.0017 | 0.0006 | -3.86E+06 | 0.894 |
| 2004.050 | 6200 | 0 | 38718 | 0.0040 | -0.0017 | 0.0006 | -4.02E+06 | 0.897 |
| 2005.050 | 6199 | 0 | 38683 | 0.0040 | -0.0017 | 0.0006 | -4.13E+06 | 0.903 |
| 2006.050 | 6199 | 0 | 38754 | 0.0040 | -0.0017 | 0.0006 | -4.17E+06 | 0.908 |
| 2007.050 | 6199 | 0 | 38754 | 0.0040 | -0.0017 | 0.0006 | -4.14E+06 | 0.908 |
| 2008.050 | 6201 | 0 | 38754 | 0.0040 | -0.0017 | 0.0006 | -4.10E+06 | 0.913 |
| 2009.050 | 6200 | 0 | 38718 | 0.0041 | -0.0017 | 0.0006 | -4.02E+06 | 0.921 |
| 2010.050 | 6199 | 0 | 38683 | 0.0040 | -0.0017 | 0.0006 | -3.86E+06 | 0.923 |
| 2011.050 | 6200 | 0 | 38683 | 0.0040 | -0.0017 | 0.0005 | -3.73E+06 | 0.929 |
| 2012.050 | 6200 | 0 | 38718 | 0.0041 | -0.0018 | 0.0006 | -3.65E+06 | 0.930 |
| 2013.050 | 6200 | 0 | 38648 | 0.0041 | -0.0018 | 0.0005 | -3.53E+06 | 0.934 |
| 2014.050 | 6200 | 0 | 38613 | 0.0041 | -0.0018 | 0.0005 | -3.44E+06 | 0.939 |
| 2015.050 | 6201 | 0 | 38648 | 0.0041 | -0.0018 | 0.0005 | -3.38E+06 | 0.949 |
| 2016.050 | 6200 | 0 | 38578 | 0.0041 | -0.0018 | 0.0005 | -3.38E+06 | 0.962 |
| 2017.050 | 6200 | 0 | 38543 | 0.0041 | -0.0018 | 0.0005 | -3.36E+06 | 0.985 |
| 2018.050 | 6199 | 0 | 38543 | 0.0041 | -0.0018 | 0.0005 | -3.34E+06 | 1.010 |
| 2019.050 | 6199 | 0 | 38543 | 0.0041 | -0.0018 | 0.0005 | -3.37E+06 | 1.045 |
| 2020.050 | 6200 | 0 | 38473 | 0.0041 | -0.0018 | 0.0005 | -3.43E+06 | 1.089 |
| 2021.040 | 6199 | 0 | 38473 | 0.0041 | -0.0018 | 0.0005 | -3.56E+06 | 1.143 |
| 2022.040 | 6200 | 0 | 38473 | 0.0041 | -0.0018 | 0.0005 | -1.13E+07 | 1.178 |
| 2023.040 | 6199 | 0 | 38403 | 0.0041 | -0.0018 | 0.0005 | -1.49E+07 | 1.288 |

| | | | | | | | | |
|----------|------|---|-------|--------|---------|---------|-----------|-------|
| 2024.040 | 6199 | 0 | 38438 | 0.0041 | -0.0018 | 0.0005 | -1.72E+07 | 1.359 |
| 2025.040 | 6201 | 0 | 38367 | 0.0041 | -0.0018 | 0.0005 | -1.88E+07 | 1.406 |
| 2026.040 | 6200 | 0 | 38403 | 0.0041 | -0.0018 | 0.0005 | -1.99E+07 | 1.441 |
| 2027.040 | 6199 | 0 | 38297 | 0.0042 | -0.0018 | 0.0005 | -2.08E+07 | 1.470 |
| 2028.040 | 6199 | 0 | 38332 | 0.0042 | -0.0018 | 0.0005 | -2.14E+07 | 1.489 |
| 2029.040 | 6199 | 0 | 38332 | 0.0042 | -0.0019 | 0.0005 | -2.20E+07 | 1.506 |
| 2030.040 | 6199 | 0 | 38297 | 0.0042 | -0.0019 | 0.0004 | -2.24E+07 | 1.519 |
| 2031.040 | 6201 | 0 | 38262 | 0.0042 | -0.0019 | 0.0004 | -2.28E+07 | 1.529 |
| 2032.040 | 6199 | 0 | 38262 | 0.0042 | -0.0019 | 0.0004 | -2.31E+07 | 1.538 |
| 2033.040 | 6199 | 0 | 38262 | 0.0042 | -0.0019 | 0.0004 | -2.33E+07 | 1.545 |
| 2034.040 | 6200 | 0 | 38227 | 0.0042 | -0.0019 | 0.0004 | -2.36E+07 | 1.551 |
| 2035.040 | 6199 | 0 | 38262 | 0.0042 | -0.0019 | 0.0004 | -2.38E+07 | 1.556 |
| 2036.040 | 6200 | 0 | 38192 | 0.0042 | -0.0019 | 0.0004 | -2.39E+07 | 1.562 |
| 2037.040 | 6200 | 0 | 38122 | 0.0042 | -0.0019 | 0.0004 | -2.41E+07 | 1.567 |
| 2038.040 | 6200 | 0 | 38122 | 0.0042 | -0.0019 | 0.0004 | -2.43E+07 | 1.571 |
| 2039.040 | 6200 | 0 | 38157 | 0.0042 | -0.0019 | 0.0004 | -2.44E+07 | 1.573 |
| 2040.040 | 6199 | 0 | 38087 | 0.0042 | -0.0020 | 0.0003 | -2.45E+07 | 1.575 |
| 2041.040 | 6199 | 0 | 37981 | 0.0043 | -0.0020 | 0.0003 | -2.46E+07 | 1.578 |
| 2042.040 | 6200 | 0 | 37946 | 0.0043 | -0.0020 | 0.0003 | -2.47E+07 | 1.580 |
| 2043.040 | 6200 | 0 | 37911 | 0.0043 | -0.0020 | 0.0002 | -2.47E+07 | 1.581 |
| 2044.040 | 6201 | 0 | 37736 | 0.0043 | -0.0021 | 0.0002 | -2.48E+07 | 1.582 |
| 2045.040 | 6200 | 0 | 37595 | 0.0043 | -0.0021 | 0.0001 | -2.49E+07 | 1.582 |
| 2046.040 | 6200 | 0 | 37244 | 0.0044 | -0.0022 | 0.0000 | -2.49E+07 | 1.583 |
| 2047.040 | 6199 | 0 | 16604 | 0.0059 | -0.0039 | -0.0019 | -2.50E+07 | 1.583 |
| 2048.040 | 6199 | 0 | 10391 | 0.0052 | -0.0036 | -0.0020 | -2.50E+07 | 1.583 |
| 2049.040 | 6199 | 0 | 9899 | 0.0052 | -0.0036 | -0.0020 | -2.51E+07 | 1.583 |
| 2050.040 | 6200 | 0 | 10039 | 0.0052 | -0.0036 | -0.0020 | -2.51E+07 | 1.583 |
| 2051.040 | 6201 | 0 | 10320 | 0.0052 | -0.0036 | -0.0020 | -2.52E+07 | 1.583 |
| 2052.030 | 6201 | 0 | 10566 | 0.0052 | -0.0036 | -0.0020 | -2.52E+07 | 1.583 |
| 2053.030 | 6199 | 0 | 10671 | 0.0052 | -0.0036 | -0.0019 | -2.53E+07 | 1.582 |
| 2054.030 | 6199 | 0 | 10706 | 0.0052 | -0.0036 | -0.0019 | -2.53E+07 | 1.582 |
| 2055.030 | 6200 | 0 | 10847 | 0.0052 | -0.0036 | -0.0019 | -2.53E+07 | 1.581 |
| 2056.030 | 6199 | 0 | 10882 | 0.0052 | -0.0036 | -0.0019 | -2.54E+07 | 1.580 |
| 2057.030 | 6199 | 0 | 10952 | 0.0052 | -0.0036 | -0.0019 | -2.54E+07 | 1.578 |
| 2058.030 | 6200 | 0 | 10882 | 0.0052 | -0.0036 | -0.0019 | -2.54E+07 | 1.575 |
| 2059.030 | 6199 | 0 | 10987 | 0.0052 | -0.0036 | -0.0019 | -2.54E+07 | 1.573 |
| 2060.030 | 6200 | 0 | 11092 | 0.0052 | -0.0036 | -0.0019 | -2.54E+07 | 1.570 |
| 2061.030 | 6199 | 0 | 11198 | 0.0052 | -0.0036 | -0.0019 | -2.54E+07 | 1.566 |
| 2062.030 | 6200 | 0 | 11233 | 0.0052 | -0.0036 | -0.0019 | -2.54E+07 | 1.561 |
| 2063.030 | 6200 | 0 | 11268 | 0.0052 | -0.0036 | -0.0019 | -2.53E+07 | 1.554 |
| 2064.030 | 6200 | 0 | 11303 | 0.0052 | -0.0036 | -0.0019 | -2.53E+07 | 1.545 |
| 2065.030 | 6201 | 0 | 11408 | 0.0052 | -0.0036 | -0.0019 | -2.51E+07 | 1.533 |
| 2066.030 | 6200 | 0 | 11408 | 0.0052 | -0.0036 | -0.0019 | -2.49E+07 | 1.520 |
| 2067.030 | 6200 | 0 | 11514 | 0.0052 | -0.0036 | -0.0019 | -2.45E+07 | 1.499 |
| 2068.030 | 6201 | 0 | 11549 | 0.0052 | -0.0036 | -0.0019 | -2.39E+07 | 1.470 |
| 2069.030 | 6200 | 0 | 11619 | 0.0052 | -0.0036 | -0.0019 | -2.29E+07 | 1.427 |
| 2070.030 | 6201 | 0 | 11654 | 0.0052 | -0.0036 | -0.0019 | -2.07E+07 | 1.351 |
| 2071.030 | 6199 | 0 | 11689 | 0.0052 | -0.0036 | -0.0019 | -1.51E+07 | 1.174 |
| 2072.030 | 6199 | 0 | 11759 | 0.0052 | -0.0036 | -0.0019 | 8.50E+06 | 0.497 |
| 2073.030 | 6200 | 0 | 11865 | 0.0052 | -0.0036 | -0.0019 | 1.72E+07 | 0.110 |