Resultados del Análisis de PP\_RBE

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| ID\_CIDERH | Media | D. Estándar | Min | Q1 | Mediana | Q3 | Max | IQR |
| CFM\_001\_A | 0.179 | 1.04374626 | 0 | 0 | 0 | 0 | 13.7 | 0 |
| CFM\_002\_A | 0.189 | 1.16278333 | 0 | 0 | 0 | 0 | 18.3 | 0 |
| FM\_001\_A | 0.223 | 1.34733616 | 0 | 0 | 0 | 0 | 17.8 | 0 |
| FM\_002\_A | 0.129 | 0.99375160 | 0 | 0 | 0 | 0 | 20.2 | 0 |
| M\_001\_A | 0.019 | 0.36541505 | 0 | 0 | 0 | 0 | 12.0 | 0 |
| M\_001\_AA | -1.062 | 22.24399497 | -99.9 | 0 | 0 | 0 | 655.0 | 0 |
| M\_001\_AH | 0.272 | 1.62428492 | 0 | 0 | 0 | 0 | 33.2 | 0 |
| M\_001\_AJ | -1.641 | 12.91921015 | -99.9 | 0 | 0 | 0 | 27.0 | 0 |
| M\_001\_A\_II | 0.002 | 0.14888496 | 0 | 0 | 0 | 0 | 11.5 | 0 |
| M\_001\_A\_XV | 0.036 | 0.91990744 | -99.9 | 0 | 0 | 0 | 29.5 | 0 |
| M\_001\_BOL | 1.041 | 6.60872229 | -99.9 | 0 | 0 | 0 | 73.2 | 0 |
| M\_001\_B\_II | -42.883 | 49.45104232 | -99.9 | -99.9 | 0 | 0 | 11.5 | 99.9 |
| M\_001\_B\_XV | 0.004 | 0.11117580 | 0 | 0 | 0 | 0 | 8.5 | 0 |
| M\_001\_Q | 0.342 | 1.51427093 | 0 | 0 | 0 | 0 | 18.4 | 0 |
| M\_001\_W | -99.9 | 4.14e-12 | -99.9 | -99.9 | -99.9 | -99.9 | -99.9 | 0 |
| M\_002\_A | 0.429 | 1.96928454 | 0 | 0 | 0 | 0 | 33.0 | 0 |
| M\_002\_AA | -94.351 | 24.54165551 | -99.9 | -99.9 | -99.9 | -99.9 | 100.0 | 0 |
| M\_002\_AH | 0.012 | 7.32369535 | -99.9 | 0 | 0 | 0 | 60.0 | 0 |
| M\_002\_AJ | -24.985 | 43.56969517 | -99.9 | -99.9 | 0 | 0 | 16.0 | 99.9 |
| M\_002\_A\_II | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| M\_002\_BOL | 1.330 | 8.79444803 | 0 | 0 | 0 | 0 | 161.0 | 0 |
| M\_002\_B\_II | -7.627 | 26.54282457 | -99.9 | 0 | 0 | 0 | 14.1 | 0 |
| M\_002\_H | 0.267 | 3.81267620 | -99.9 | 0 | 0 | 0 | 26.3 | 0 |
| M\_002\_Q | 0.003 | 0.06611643 | 0 | 0 | 0 | 0 | 2.2 | 0 |
| M\_002\_W | -1.597 | 12.56975970 | -99.9 | 0 | 0 | 0 | 5.0 | 0 |
| M\_003\_A | 0.220 | 1.63007738 | 0 | 0 | 0 | 0 | 43.0 | 0 |
| M\_003\_AA | 0 | nan | 0 | 0 | 0 | 0 | 0 | 0 |
| M\_003\_AH | 0.594 | 2.43870011 | 0 | 0 | 0 | 0 | 31.6 | 0 |
| M\_003\_A\_II | -2.225 | 14.74448824 | -99.9 | 0 | 0 | 0 | 3.0 | 0 |
| M\_003\_A\_XV | 0.119 | 0.96940737 | 0 | 0 | 0 | 0 | 31.0 | 0 |
| M\_003\_BOL | 1.324 | 3.96161538 | 0 | 0 | 0 | 0 | 41.5 | 0 |
| M\_003\_H | 0.658 | 4.28641400 | -99.9 | 0 | 0 | 0 | 64.8 | 0 |
| M\_003\_Q | 0.240 | 2.03654634 | 0 | 0 | 0 | 0 | 48.2 | 0 |
| M\_004\_A | -22.828 | 41.98870919 | -99.9 | 0 | 0 | 0 | 20.0 | 0 |
| M\_004\_AA | 4.246 | 53.50337117 | -99.9 | 0 | 0 | 0 | 788.0 | 0 |
| M\_004\_AH | 0.704 | 2.77633556 | 0 | 0 | 0 | 0 | 27.2 | 0 |
| M\_004\_A\_II | -4.905 | 21.59282082 | -99.9 | 0 | 0 | 0 | 5.0 | 0 |
| M\_004\_A\_XV | 0.042 | 0.44187109 | 0 | 0 | 0 | 0 | 10.6 | 0 |
| M\_004\_BOL | 0.303 | 1.53193380 | 0 | 0 | 0 | 0 | 19.3 | 0 |
| M\_004\_H | 0.866 | 5.30169165 | -99.9 | 0 | 0 | 0 | 46.5 | 0 |
| M\_005\_A | 0.311 | 1.58790247 | 0 | 0 | 0 | 0 | 28.0 | 0 |
| M\_005\_AA | 1.084 | 29.50308960 | -99.9 | 0 | 0 | 0 | 945.0 | 0 |
| M\_005\_AH | 0.317 | 1.60663777 | 0 | 0 | 0 | 0 | 20.2 | 0 |
| M\_005\_A\_II | 0.204 | 1.69125365 | 0 | 0 | 0 | 0 | 34.1 | 0 |
| M\_005\_A\_XV | 0.426 | 2.65919818 | 0 | 0 | 0 | 0 | 22.2 | 0 |
| M\_005\_BOL | 0.545 | 5.58598235 | -99.9 | 0 | 0 | 0 | 55.0 | 0 |
| M\_005\_H | 0.341 | 1.68533071 | 0 | 0 | 0 | 0 | 24.9 | 0 |
| M\_005\_Q | 0.012 | 0.13089186 | 0 | 0 | 0 | 0 | 2.8 | 0 |
| M\_006\_A | 0.521 | 2.63836546 | 0 | 0 | 0 | 0 | 29.5 | 0 |
| M\_006\_AA | -99.9 | nan | -99.9 | -99.9 | -99.9 | -99.9 | -99.9 | 0 |
| M\_006\_A\_II | 0.094 | 4.32564474 | -99.9 | 0 | 0 | 0 | 50.0 | 0 |
| M\_006\_A\_XV | 0.201 | 6.92367604 | -99.9 | 0 | 0 | 0 | 37.2 | 0 |
| M\_006\_BOL | -0.018 | 2.81916110 | -99.9 | 0 | 0 | 0 | 10.0 | 0 |
| M\_006\_Q | 0.003 | 0.04322822 | 0 | 0 | 0 | 0 | 0.8 | 0 |
| M\_007\_A | 0.457 | 2.13591349 | 0 | 0 | 0 | 0 | 26.5 | 0 |
| M\_007\_AA | -99.900 | 3.24e-12 | -99.9 | -99.9 | -99.9 | -99.9 | -99.9 | 0 |
| M\_007\_A\_II | 0.070 | 0.73823787 | 0 | 0 | 0 | 0 | 26.0 | 0 |
| M\_007\_A\_XV | 0.125 | 6.96258465 | -99.9 | 0 | 0 | 0 | 48.0 | 0 |
| M\_007\_BOL | 0.717 | 2.97209881 | 0 | 0 | 0 | 0 | 54.0 | 0 |
| M\_008\_A | 0.654 | 2.96257921 | 0 | 0 | 0 | 0 | 48.0 | 0 |
| M\_008\_AA | 3.476 | 9.61985858 | 0 | 0 | 0 | 2.0 | 97.0 | 2.00 |
| M\_008\_A\_II | 0.095 | 1.04512793 | 0 | 0 | 0 | 0 | 40.0 | 0 |
| M\_008\_A\_XV | 0.743 | 2.37185450 | 0 | 0 | 0 | 0 | 18.2 | 0 |
| M\_008\_BOL | 0.959 | 3.35348476 | 0 | 0 | 0 | 0 | 38.0 | 0 |
| M\_009\_A | 0.002 | 0.05683911 | 0 | 0 | 0 | 0 | 3.0 | 0 |
| M\_009\_AA | -0.519 | 19.31959018 | -99.9 | 0 | 0 | 0 | 164.5 | 0 |
| M\_009\_A\_II | -0.595 | 8.24482292 | -99.9 | 0 | 0 | 0 | 40.0 | 0 |
| M\_009\_A\_XV | -0.357 | 8.83113347 | -99.9 | 0 | 0 | 0 | 24.4 | 0 |
| M\_009\_BOL | 0.871 | 5.30424798 | -99.9 | 0 | 0 | 0 | 56.3 | 0 |
| M\_010\_A | -0.078 | 4.79010030 | -99.9 | 0 | 0 | 0 | 18.0 | 0 |
| M\_010\_AA | -9.743 | 45.96925147 | -99.9 | 0 | 0 | 0 | 926.0 | 0 |
| M\_010\_A\_II | -0.552 | 8.48455943 | -99.9 | 0 | 0 | 0 | 34.0 | 0 |
| M\_010\_A\_XV | -0.046 | 11.50167001 | -99.9 | 0 | 0 | 0 | 92.0 | 0 |
| M\_011\_A | 0.105 | 1.42534307 | 0 | 0 | 0 | 0 | 95.5 | 0 |
| M\_011\_AA | -99.900 | 1.47e-14 | -99.9 | -99.9 | -99.9 | -99.9 | -99.9 | 0 |
| M\_011\_A\_II | -0.077 | 6.74795248 | -99.9 | 0 | 0 | 0 | 52.0 | 0 |
| M\_011\_A\_XV | 0.983 | 3.53334897 | 0 | 0 | 0 | 0 | 43.6 | 0 |
| M\_011\_B | 0.003 | 0.10195542 | 0 | 0 | 0 | 0 | 9.1 | 0 |
| M\_011\_BOL | 0.991 | 2.69684029 | 0 | 0 | 0 | 0 | 26.7 | 0 |
| M\_012\_A | 0.433 | 2.26153331 | 0 | 0 | 0 | 0 | 32.0 | 0 |
| M\_012\_AA | -95.363 | 21.31413951 | -99.9 | -99.9 | -99.9 | -99.9 | 59.0 | 0 |
| M\_012\_A\_XV | 1.044 | 3.03378627 | 0 | 0 | 0 | 0 | 34.8 | 0 |
| M\_012\_BOL | 1.461 | 4.43707191 | 0 | 0 | 0 | 0.5 | 32.5 | 0.50 |
| M\_013\_A | 0.314 | 1.81927829 | 0 | 0 | 0 | 0 | 19.1 | 0 |
| M\_013\_AA | 0.794 | 13.67832396 | -99.9 | 0 | 0 | 0 | 327.4 | 0 |
| M\_013\_A\_II | 0.227 | 1.87354354 | 0 | 0 | 0 | 0 | 37.5 | 0 |
| M\_013\_A\_XV | 0.977 | 3.04361110 | 0 | 0 | 0 | 0 | 36.7 | 0 |
| M\_013\_BOL | 0.975 | 4.49191741 | -99.9 | 0 | 0 | 0 | 43.8 | 0 |
| M\_014\_A | 0.420 | 2.58891387 | 0 | 0 | 0 | 0 | 55.1 | 0 |
| M\_014\_AA | -20.567 | 47.68123382 | -99.9 | 0 | 0 | 0 | 884.0 | 0 |
| M\_014\_A\_II | 0.109 | 1.17885991 | 0 | 0 | 0 | 0 | 65.0 | 0 |
| M\_014\_A\_XV | 0.954 | 3.20889043 | 0 | 0 | 0 | 0 | 50.0 | 0 |
| M\_014\_BOL | 0.880 | 6.63730613 | -99.9 | 0 | 0 | 0 | 46.5 | 0 |
| M\_015\_A | 0.353 | 1.90958465 | 0 | 0 | 0 | 0 | 41.1 | 0 |
| M\_015\_AA | 0.248 | 8.54008396 | -99.9 | 0 | 0 | 0 | 87.0 | 0 |
| M\_015\_A\_II | -4.006 | 19.74405744 | -99.9 | 0 | 0 | 0 | 31.0 | 0 |
| M\_015\_A\_XV | 0.280 | 8.42589156 | -99.9 | 0 | 0 | 0 | 98.5 | 0 |
| M\_015\_BOL | 2.021 | 6.30754610 | -99.9 | 0 | 0 | 1.9 | 75.6 | 1.90 |
| M\_015\_H | -0.358 | 5.98094233 | -99.9 | 0 | 0 | 0 | 0.3 | 0 |
| M\_016\_A | 0.280 | 3.80104363 | -99.9 | 0 | 0 | 0 | 42.0 | 0 |
| M\_016\_AA | -47.562 | 50.30330082 | -99.9 | -99.9 | 0 | 0 | 0.6 | 99.9 |
| M\_016\_A\_II | -1.805 | 13.51284181 | -99.9 | 0 | 0 | 0 | 16.0 | 0 |
| M\_016\_A\_XV | -1.001 | 13.73225096 | -99.9 | 0 | 0 | 0 | 26.6 | 0 |
| M\_016\_BOL | 1.200 | 3.98582817 | -99.9 | 0 | 0 | 0 | 80.0 | 0 |
| M\_016\_H | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| M\_017\_A | 0.319 | 1.49154762 | 0 | 0 | 0 | 0 | 34.0 | 0 |
| M\_017\_AA | -86.890 | 39.21806050 | -99.9 | -99.9 | -99.9 | -99.9 | 901.0 | 0 |
| M\_017\_A\_II | -0.412 | 6.52680356 | -99.9 | 0 | 0 | 0 | 21.0 | 0 |
| M\_017\_A\_XV | 0.884 | 2.85079666 | 0 | 0 | 0 | 0 | 55.0 | 0 |
| M\_017\_BOL | 0.622 | 2.49470004 | 0 | 0 | 0 | 0 | 34.8 | 0 |
| M\_018\_A | 0.055 | 0.71025000 | 0 | 0 | 0 | 0 | 36.0 | 0 |
| M\_018\_AA | -6.267 | 33.59353036 | -99.9 | 0 | 0 | 0 | 310.0 | 0 |
| M\_018\_A\_II | -0.220 | 6.97362417 | -99.9 | 0 | 0 | 0 | 23.3 | 0 |
| M\_018\_A\_XV | 1.610 | 3.57991644 | 0 | 0 | 0 | 1.4 | 23.0 | 1.35 |
| M\_018\_BOL | 0.411 | 2.17134247 | 0 | 0 | 0 | 0 | 35.2 | 0 |
| M\_019\_A | -0.474 | 6.88102304 | -99.9 | 0 | 0 | 0 | 4.0 | 0 |
| M\_019\_AA | -30.506 | 66.69046561 | -99.9 | -99.9 | 0 | 0 | 150.0 | 99.9 |
| M\_019\_A\_II | 0.073 | 0.84749336 | 0 | 0 | 0 | 0 | 22.3 | 0 |
| M\_019\_A\_XV | 1.185 | 3.19741794 | 0 | 0 | 0 | 0 | 27.8 | 0 |
| M\_019\_BOL | 0.374 | 7.63989554 | -99.9 | 0 | 0 | 0 | 70.0 | 0 |
| M\_020\_A | 0.389 | 1.97786048 | 0 | 0 | 0 | 0 | 34.0 | 0 |
| M\_020\_AA | 0 | nan | 0 | 0 | 0 | 0 | 0 | 0 |
| M\_020\_A\_II | 0.193 | 1.70543514 | 0 | 0 | 0 | 0 | 59.3 | 0 |
| M\_020\_A\_XV | 0.373 | 8.62653144 | -99.9 | 0 | 0 | 0 | 40.8 | 0 |
| M\_020\_BOL | 0.210 | 10.92035346 | -99.9 | 0 | 0 | 0 | 70.5 | 0 |
| M\_021\_A | 0.004 | 0.10779430 | 0 | 0 | 0 | 0 | 7.0 | 0 |
| M\_021\_AA | -66.267 | 58.25464216 | -99.9 | -99.9 | -99.9 | -49.5 | 1.0 | 50.45 |
| M\_021\_A\_II | -6.962 | 25.67353813 | -99.9 | 0 | 0 | 0 | 26.5 | 0 |
| M\_021\_A\_XV | 0.691 | 3.68961816 | -99.9 | 0 | 0 | 0 | 30.0 | 0 |
| M\_021\_BOL | 0.686 | 2.36561387 | 0 | 0 | 0 | 0 | 32.0 | 0 |
| M\_022\_A | 0.082 | 0.83729769 | 0 | 0 | 0 | 0 | 25.0 | 0 |
| M\_022\_AA | -99.900 | 1.15e-13 | -99.9 | -99.9 | -99.9 | -99.9 | -99.9 | 0 |
| M\_022\_A\_II | -2.633 | 17.53638850 | -99.9 | 0 | 0 | 0 | 50.0 | 0 |
| M\_022\_A\_XV | -6.572 | 25.65288421 | -99.9 | 0 | 0 | 0 | 51.5 | 0 |
| M\_022\_BOL | -5.436 | 25.38648183 | -99.9 | 0 | 0 | 0 | 42.2 | 0 |
| M\_023\_A | 0.078 | 1.04643913 | 0 | 0 | 0 | 0 | 49.0 | 0 |
| M\_023\_AA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| M\_023\_A\_II | 0.222 | 2.90963273 | -99.9 | 0 | 0 | 0 | 64.0 | 0 |
| M\_023\_A\_XV | 1.175 | 4.08076320 | 0 | 0 | 0 | 0 | 32.5 | 0 |
| M\_023\_BOL | 1.530 | 5.32990881 | -99.9 | 0 | 0 | 0 | 65.0 | 0 |
| M\_024\_A | 0.079 | 0.75181002 | 0 | 0 | 0 | 0 | 23.5 | 0 |
| M\_024\_AA | -2.192 | 21.65661255 | -99.9 | 0 | 0 | 0 | 257.9 | 0 |
| M\_024\_A\_II | -0.100 | 4.73034606 | -99.9 | 0 | 0 | 0 | 44.5 | 0 |
| M\_024\_A\_XV | 0.416 | 2.04863276 | 0 | 0 | 0 | 0 | 45.2 | 0 |
| M\_024\_BOL | 1.596 | 5.22358110 | -99.9 | 0 | 0 | 0 | 55.5 | 0 |
| M\_025\_A | 0.129 | 1.12296730 | 0 | 0 | 0 | 0 | 35.0 | 0 |
| M\_025\_AA | -68.446 | 49.52028056 | -99.9 | -99.9 | -99.9 | 0 | 702.1 | 99.9 |
| M\_025\_A\_II | 0.136 | 1.28436930 | 0 | 0 | 0 | 0 | 24.2 | 0 |
| M\_025\_A\_XV | 0.408 | 2.22058821 | 0 | 0 | 0 | 0 | 62.0 | 0 |
| M\_025\_BOL | 0.993 | 3.53058444 | 0 | 0 | 0 | 0 | 42.0 | 0 |
| M\_026\_AA | -47.700 | 60.30992179 | -99.9 | -99.9 | -49.0 | 3.2 | 7.0 | 103.15 |
| M\_026\_A\_II | 0.191 | 1.68804436 | 0 | 0 | 0 | 0 | 45.0 | 0 |
| M\_026\_A\_XV | 0.352 | 2.07375714 | 0 | 0 | 0 | 0 | 67.0 | 0 |
| M\_026\_BOL | 1.413 | 5.10654081 | 0 | 0 | 0 | 0 | 59.0 | 0 |
| M\_027\_AA | -89.127 | 31.06490435 | -99.9 | -99.9 | -99.9 | -99.9 | 22.3 | 0 |
| M\_027\_A\_II | -0.723 | 9.92715734 | -99.9 | 0 | 0 | 0 | 76.0 | 0 |
| M\_027\_A\_XV | 0.207 | 1.31604657 | 0 | 0 | 0 | 0 | 25.0 | 0 |
| M\_027\_BOL | 0.903 | 3.03654708 | 0 | 0 | 0 | 0 | 29.8 | 0 |
| M\_028\_AA | -44.953 | 50.12055793 | -99.9 | -99.9 | 0 | 0 | 0.1 | 99.9 |
| M\_028\_A\_II | -0.386 | 9.06435456 | -99.9 | 0 | 0 | 0 | 56.0 | 0 |
| M\_028\_A\_XV | -0.280 | 10.93396944 | -99.9 | 0 | 0 | 0 | 77.0 | 0 |
| M\_028\_BOL | 1.912 | 6.53373111 | 0 | 0 | 0 | 0 | 120.0 | 0 |
| M\_029\_AA | -93.209 | 25.29770894 | -99.9 | -99.9 | -99.9 | -99.9 | 11.0 | 0 |
| M\_029\_A\_II | -3.029 | 17.16165006 | -99.9 | 0 | 0 | 0 | 13.5 | 0 |
| M\_029\_A\_XV | 0.798 | 3.13769682 | 0 | 0 | 0 | 0 | 97.0 | 0 |
| M\_029\_BOL | 0.951 | 3.27564979 | 0 | 0 | 0 | 0 | 70.2 | 0 |
| M\_030\_AA | -0.806 | 9.35654671 | -99.9 | 0 | 0 | 0 | 28.0 | 0 |
| M\_030\_A\_II | -4.129 | 20.42270460 | -99.9 | 0 | 0 | 0 | 29.5 | 0 |
| M\_030\_A\_XV | 0.832 | 3.26436183 | 0 | 0 | 0 | 0 | 70.0 | 0 |
| M\_030\_BOL | 0.904 | 2.94576713 | 0 | 0 | 0 | 0 | 32.0 | 0 |
| M\_031\_AA | -6.121 | 62.57165914 | -99.9 | 0 | 0 | 0 | 841.0 | 0 |
| M\_031\_A\_II | 0.396 | 1.76284647 | 0 | 0 | 0 | 0 | 14.0 | 0 |
| M\_031\_A\_XV | 0.813 | 2.95302007 | 0 | 0 | 0 | 0 | 70.0 | 0 |
| M\_031\_BOL | -12.375 | 34.09414855 | -99.9 | 0 | 0 | 0 | 48.0 | 0 |
| M\_032\_AA | 0.423 | 43.18169240 | -99.9 | 0 | 0 | 0 | 996.0 | 0 |
| M\_032\_A\_II | -1.073 | 11.07397278 | -99.9 | 0 | 0 | 0 | 24.5 | 0 |
| M\_032\_A\_XV | 0.408 | 1.85539361 | 0 | 0 | 0 | 0 | 23.0 | 0 |
| M\_032\_BOL | 2.370 | 5.08815535 | 0 | 0 | 0 | 2.0 | 45.0 | 2.00 |
| M\_033\_AA | -1.112 | 27.05454296 | -99.9 | 0 | 0 | 0 | 900.0 | 0 |
| M\_033\_A\_II | -0.323 | 7.24350127 | -99.9 | 0 | 0 | 0 | 25.0 | 0 |
| M\_033\_A\_XV | 0.592 | 2.59241176 | 0 | 0 | 0 | 0 | 72.0 | 0 |
| M\_033\_BOL | 1.498 | 4.08720009 | 0 | 0 | 0 | 0 | 28.0 | 0 |
| M\_034\_AA | 0.833 | 31.33417622 | -99.9 | 0 | 0 | 0 | 900.0 | 0 |
| M\_034\_A\_II | -0.479 | 7.52399711 | -99.9 | 0 | 0 | 0 | 39.4 | 0 |
| M\_034\_A\_XV | 0.182 | 1.20519605 | 0 | 0 | 0 | 0 | 25.5 | 0 |
| M\_034\_BOL | 2.177 | 5.17345961 | 0 | 0 | 0 | 0.5 | 31.0 | 0.50 |
| M\_035\_AA | -79.920 | 40.99809495 | -99.9 | -99.9 | -99.9 | -99.9 | 0 | 0 |
| M\_035\_A\_II | 0.202 | 1.74751318 | 0 | 0 | 0 | 0 | 55.9 | 0 |
| M\_035\_A\_XV | -18.703 | 38.97337258 | -99.9 | 0 | 0 | 0 | 5.0 | 0 |
| M\_035\_BOL | 1.131 | 7.73436753 | -99.9 | 0 | 0 | 0 | 102.3 | 0 |
| M\_036\_AA | 0.040 | 0.18019597 | 0 | 0 | 0 | 0 | 1.0 | 0 |
| M\_036\_A\_II | 0.114 | 1.12537442 | 0 | 0 | 0 | 0 | 32.0 | 0 |
| M\_036\_A\_XV | -0.125 | 3.57092065 | -99.9 | 0 | 0 | 0 | 4.1 | 0 |
| M\_036\_BOL | 1.063 | 3.82650336 | 0 | 0 | 0 | 0 | 46.0 | 0 |
| M\_037\_AA | -99.900 | 2.72e-12 | -99.9 | -99.9 | -99.9 | -99.9 | -99.9 | 0 |
| M\_037\_A\_II | 0.073 | 1.71158504 | -99.9 | 0 | 0 | 0 | 48.0 | 0 |
| M\_037\_A\_XV | -10.702 | 30.90097270 | -99.9 | 0 | 0 | 0 | 8.2 | 0 |
| M\_037\_BOL | 0.907 | 3.62470926 | -99.9 | 0 | 0 | 0 | 44.5 | 0 |
| M\_038\_AA | -99.900 | 1.53e-14 | -99.9 | -99.9 | -99.9 | -99.9 | -99.9 | 0 |
| M\_038\_A\_II | 0.096 | 1.21117456 | 0 | 0 | 0 | 0 | 51.0 | 0 |
| M\_038\_A\_XV | -99.9 | 1.49e-12 | -99.9 | -99.9 | -99.9 | -99.9 | -99.9 | 0 |
| M\_038\_BOL | 1.087 | 3.53226358 | 0 | 0 | 0 | 0 | 30.2 | 0 |
| M\_039\_AA | -36.189 | 62.03958920 | -99.9 | -99.9 | 1.0 | 17.0 | 94.0 | 116.90 |
| M\_039\_A\_II | 0.112 | 1.10700063 | 0 | 0 | 0 | 0 | 34.0 | 0 |
| M\_039\_A\_XV | -62.660 | 48.31337095 | -99.9 | -99.9 | -99.9 | 0 | 0 | 99.9 |
| M\_039\_BOL | 0.653 | 3.50079982 | -99.9 | 0 | 0 | 0 | 64.6 | 0 |
| M\_040\_AA | -25.311 | 49.82032952 | -99.9 | -99.9 | 0 | 1.0 | 500.3 | 100.90 |
| M\_040\_A\_II | 0.056 | 0.77303542 | 0 | 0 | 0 | 0 | 40.5 | 0 |
| M\_040\_A\_XV | -0.059 | 2.48763941 | -99.9 | 0 | 0 | 0 | 4.0 | 0 |
| M\_040\_BOL | 0.258 | 5.79606214 | -99.9 | 0 | 0 | 0 | 59.0 | 0 |
| M\_041\_AA | 9.612 | 63.99179104 | -99.9 | 0 | 0 | 3.0 | 901.0 | 3.00 |
| M\_041\_A\_II | 0.180 | 1.54483860 | 0 | 0 | 0 | 0 | 47.0 | 0 |
| M\_041\_A\_XV | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| M\_041\_BOL | -1.001 | 16.28037817 | -99.9 | 0 | 0 | 0.5 | 95.0 | 0.50 |
| M\_042\_AA | 4.171 | 58.60879807 | -99.9 | 0 | 0 | 2.0 | 906.0 | 2.00 |
| M\_042\_A\_II | 0.009 | 0.25511612 | 0 | 0 | 0 | 0 | 17.0 | 0 |
| M\_042\_BOL | -4.314 | 24.08054026 | -99.9 | 0 | 0 | 0 | 71.9 | 0 |
| M\_043\_AA | -11.874 | 37.44262533 | -99.9 | 0 | 0 | 0 | 310.0 | 0 |
| M\_043\_A\_II | 0.008 | 0.17084419 | 0 | 0 | 0 | 0 | 4.5 | 0 |
| M\_043\_BOL | 1.092 | 3.76709778 | 0 | 0 | 0 | 0.3 | 34.3 | 0.35 |
| M\_044\_AA | -99.9 | nan | -99.9 | -99.9 | -99.9 | -99.9 | -99.9 | 0 |
| M\_044\_A\_II | -7.304 | 26.31669034 | -99.9 | 0 | 0 | 0 | 30.0 | 0 |
| M\_044\_BOL | 2.092 | 12.85882122 | 0 | 0 | 0 | 0 | 180.0 | 0 |
| M\_045\_AA | 5.664 | 50.05156739 | -99.9 | 0 | 0 | 0.9 | 918.0 | 0.90 |
| M\_045\_A\_II | 0.007 | 1.19894070 | -99.9 | 0 | 0 | 0 | 33.6 | 0 |
| M\_045\_BOL | 1.034 | 3.25846149 | 0 | 0 | 0 | 0 | 74.0 | 0 |
| M\_046\_AA | -21.679 | 47.39718831 | -99.9 | -99.9 | 0 | 0 | 474.0 | 99.9 |
| M\_046\_A\_II | 0.149 | 1.13768562 | 0 | 0 | 0 | 0 | 13.2 | 0 |
| M\_046\_BOL | 2.133 | 2.89632536 | 0 | 0 | 0.5 | 4.0 | 10.0 | 4.00 |
| M\_047\_AA | 3.235 | 46.70366506 | -99.9 | 0 | 0 | 1.0 | 903.0 | 1.00 |
| M\_047\_A\_II | 0.027 | 0.63357460 | 0 | 0 | 0 | 0 | 35.5 | 0 |
| M\_047\_BOL | 1.622 | 5.28797490 | 0 | 0 | 0 | 0 | 141.0 | 0 |
| M\_048\_AA | -99.9 | 0 | -99.9 | -99.9 | -99.9 | -99.9 | -99.9 | 0 |
| M\_048\_A\_II | 0.103 | 0.83396914 | 0 | 0 | 0 | 0 | 11.0 | 0 |
| M\_048\_BOL | -0.194 | 11.29174364 | -99.9 | 0 | 0 | 0 | 52.1 | 0 |
| M\_049\_AA | -78.511 | 44.25828008 | -99.9 | -99.9 | -99.9 | -99.9 | 97.5 | 0 |
| M\_049\_BOL | 1.176 | 3.78590829 | 0 | 0 | 0 | 0 | 29.6 | 0 |
| M\_050\_AA | -19.449 | 43.20841263 | -99.9 | 0 | 0 | 0.2 | 60.2 | 0.20 |
| M\_050\_A\_II | -0.809 | 8.98265764 | -99.9 | 0 | 0 | 0 | 17.5 | 0 |
| M\_050\_BOL | -2.671 | 19.44298982 | -99.9 | 0 | 0 | 0 | 131.6 | 0 |
| M\_051\_AA | -4.075 | 33.39271052 | -99.9 | 0 | 0 | 2.3 | 82.0 | 2.30 |
| M\_051\_BOL | 0.770 | 3.48296745 | 0 | 0 | 0 | 0 | 60.1 | 0 |
| M\_052\_AA | -99.9 | 3.17e-12 | -99.9 | -99.9 | -99.9 | -99.9 | -99.9 | 0 |
| M\_052\_BOL | -0.846 | 13.07204062 | -99.9 | 0 | 0 | 0 | 42.5 | 0 |
| M\_053\_AA | -29.538 | 54.44645156 | -99.9 | -99.9 | 0 | 3.0 | 1000.0 | 102.90 |
| M\_053\_BOL | 1.592 | 4.39520928 | 0 | 0 | 0 | 0.4 | 40.4 | 0.40 |
| M\_054\_AA | 5.912 | 35.26392067 | -99.9 | 0 | 0 | 2.0 | 619.9 | 2.00 |
| M\_054\_BOL | 1.319 | 9.62269115 | -99.9 | 0 | 0 | 0.5 | 76.8 | 0.50 |
| M\_055\_AA | 1.937 | 23.02609761 | -99.9 | 0 | 0 | 1.0 | 701.0 | 1.00 |
| M\_055\_BOL | 1.254 | 4.06287350 | 0 | 0 | 0 | 0 | 27.9 | 0 |
| M\_056\_AA | -51.371 | 50.96144385 | -99.9 | -99.9 | -99.9 | 0 | 12.0 | 99.9 |
| M\_056\_BOL | 0.736 | 2.91049336 | 0 | 0 | 0 | 0 | 33.7 | 0 |
| M\_057\_AA | -99.9 | 3.21e-12 | -99.9 | -99.9 | -99.9 | -99.9 | -99.9 | 0 |
| M\_057\_BOL | 1.533 | 4.95848801 | -99.9 | 0 | 0 | 0 | 64.3 | 0 |
| M\_058\_AA | -71.263 | 47.17342334 | -99.9 | -99.9 | -99.9 | 0.6 | 123.0 | 100.50 |
| M\_058\_BOL | 0.434 | 1.54977691 | 0 | 0 | 0 | 0 | 12.0 | 0 |
| M\_059\_AA | 5.265 | 53.99334443 | -99.9 | 0 | 0 | 1.2 | 951.0 | 1.20 |
| M\_059\_BOL | 1.428 | 3.88527185 | 0 | 0 | 0 | 0 | 32.3 | 0 |
| M\_060\_AA | 6.323 | 46.74622030 | -99.9 | 0 | 0 | 3.5 | 818.1 | 3.50 |
| M\_060\_BOL | 0.111 | 11.29286865 | -99.9 | 0 | 0 | 0 | 45.2 | 0 |
| M\_061\_AA | 2.164 | 34.79370581 | -99.9 | 0 | 0 | 2.6 | 638.2 | 2.58 |
| M\_061\_BOL | 2.527 | 3.83938843 | 0 | 0 | 0 | 4.0 | 14.0 | 4.00 |
| M\_062\_AA | -16.807 | 52.00397992 | -99.9 | 0 | 0 | 1.2 | 1001.0 | 1.25 |
| M\_062\_BOL | 0.985 | 8.44454554 | -99.9 | 0 | 0 | 0 | 58.4 | 0 |
| M\_063\_AA | -9.033 | 51.14115827 | -99.9 | 0 | 0 | 1.3 | 901.9 | 1.30 |
| M\_063\_BOL | -0.733 | 14.26179142 | -99.9 | 0 | 0 | 0 | 45.0 | 0 |
| M\_064\_AA | 19.117 | 21.72497431 | 0 | 3.0 | 11.0 | 28.0 | 100.0 | 25.00 |
| M\_064\_BOL | 2.065 | 5.03902663 | 0 | 0 | 0 | 0 | 44.5 | 0 |
| M\_065\_AA | -49.950 | 70.63996744 | -99.9 | -74.9 | -50.0 | -25.0 | 0 | 49.95 |
| M\_065\_BOL | 1.058 | 3.77249681 | 0 | 0 | 0 | 0 | 80.2 | 0 |
| M\_066\_AA | -99.900 | 2.60e-12 | -99.9 | -99.9 | -99.9 | -99.9 | -99.9 | 0 |
| M\_066\_BOL | 1.691 | 4.57924938 | 0 | 0 | 0 | 0 | 50.8 | 0 |
| M\_067\_AA | 2.463 | 19.17140855 | -99.9 | 0 | 0 | 1.0 | 344.5 | 1.00 |
| M\_067\_BOL | 1.911 | 3.97628445 | 0 | 0 | 0 | 2.4 | 43.8 | 2.40 |
| M\_068\_AA | 2.945 | 27.28808023 | -99.9 | 0 | 0 | 0 | 959.0 | 0 |
| M\_068\_BOL | 2.105 | 5.12656681 | 0 | 0 | 0 | 0.4 | 44.0 | 0.40 |
| M\_069\_AA | -31.256 | 56.15740396 | -99.9 | -99.9 | 0 | 3.0 | 940.0 | 102.90 |
| M\_069\_BOL | 0.314 | 4.79357821 | -99.9 | 0 | 0 | 0 | 37.5 | 0 |
| M\_070\_AA | -7.811 | 35.74604803 | -99.9 | 0 | 0 | 0 | 246.6 | 0 |
| M\_070\_BOL | -49.917 | 50.40579119 | -99.9 | -99.9 | -50.0 | 0 | 2.0 | 99.9 |
| M\_071\_AA | -19.403 | 42.79921894 | -99.9 | 0 | 0 | 0 | 34.0 | 0 |
| M\_071\_BOL | 1.453 | 4.31642266 | 0 | 0 | 0 | 0.5 | 40.1 | 0.50 |
| M\_072\_AA | -3.933 | 36.78336412 | -99.9 | 0 | 0 | 1.0 | 153.9 | 1.00 |
| M\_072\_BOL | 1.097 | 3.25174391 | 0 | 0 | 0 | 0 | 50.2 | 0 |
| M\_073\_AA | -79.437 | 47.62421548 | -99.9 | -99.9 | -99.9 | -99.9 | 903.0 | 0 |
| M\_073\_BOL | -99.900 | 8.68e-13 | -99.9 | -99.9 | -99.9 | -99.9 | -99.9 | 0 |
| M\_074\_AA | -99.900 | 1.48e-14 | -99.9 | -99.9 | -99.9 | -99.9 | -99.9 | 0 |
| M\_074\_BOL | 1.113 | 3.58199358 | 0 | 0 | 0 | 0.2 | 32.8 | 0.20 |
| M\_075\_AA | -99.900 | 3.23e-12 | -99.9 | -99.9 | -99.9 | -99.9 | -99.9 | 0 |
| M\_075\_BOL | 1.124 | 3.34791109 | 0 | 0 | 0 | 0 | 40.0 | 0 |
| M\_076\_AA | -42.130 | 59.59408531 | -99.9 | -99.9 | 0 | 0 | 921.0 | 99.9 |
| M\_076\_BOL | -0.009 | 5.16309805 | -99.9 | 0 | 0 | 0 | 34.4 | 0 |
| M\_077\_AA | -0.316 | 31.04576454 | -99.9 | 0 | 0 | 0 | 300.0 | 0 |
| M\_077\_BOL | 0.131 | 5.12978026 | -99.9 | 0 | 0 | 0 | 25.3 | 0 |
| M\_078\_AA | -9.791 | 33.09319364 | -99.9 | 0 | 0 | 0 | 27.0 | 0 |
| M\_078\_BOL | -0.294 | 11.30626400 | -99.9 | 0 | 0 | 0 | 45.0 | 0 |
| M\_079\_AA | -72.646 | 49.63456971 | -99.9 | -99.9 | -99.9 | 0 | 800.1 | 99.9 |
| M\_079\_BOL | 0.904 | 2.68147247 | 0 | 0 | 0 | 0.4 | 22.6 | 0.40 |
| M\_080\_AA | -24.289 | 43.65465953 | -99.9 | 0 | 0 | 0 | 14.0 | 0 |
| M\_080\_BOL | 1.521 | 5.04922343 | 0 | 0 | 0 | 0 | 100.0 | 0 |
| M\_081\_AA | -0.003 | 32.38914331 | -99.9 | 0 | 0 | 0 | 1200.0 | 0 |
| M\_081\_BOL | 0.890 | 3.49704556 | 0 | 0 | 0 | 0 | 36.8 | 0 |
| M\_082\_AA | 2.007 | 29.65760857 | -99.9 | 0 | 0 | 0 | 697.0 | 0 |
| M\_082\_BOL | 0.912 | 3.65156463 | 0 | 0 | 0 | 0 | 32.5 | 0 |
| M\_083\_AA | 0.388 | 7.61096967 | -99.9 | 0 | 0 | 0 | 70.1 | 0 |
| M\_083\_BOL | 0.803 | 2.51207684 | 0 | 0 | 0 | 0 | 38.0 | 0 |
| M\_084\_AA | -26.883 | 44.89657994 | -99.9 | -99.9 | 0 | 0 | 5.1 | 99.9 |
| M\_084\_BOL | 0.588 | 7.76333385 | -99.9 | 0 | 0 | 0 | 61.2 | 0 |
| M\_085\_AA | -27.587 | 46.82991775 | -99.9 | -99.9 | 0 | 0 | 601.0 | 99.9 |
| M\_085\_BOL | 1.303 | 4.01659042 | 0 | 0 | 0 | 0 | 75.5 | 0 |
| M\_086\_AA | -73.413 | 45.32989515 | -99.9 | -99.9 | -99.9 | 0 | 33.3 | 99.9 |
| M\_086\_BOL | 1.169 | 5.13632909 | -99.9 | 0 | 0 | 0 | 28.0 | 0 |
| M\_087\_AA | -89.377 | 31.74918442 | -99.9 | -99.9 | -99.9 | -99.9 | 300.0 | 0 |
| M\_087\_BOL | -7.662 | 28.26907251 | -99.9 | 0 | 0 | 0 | 70.0 | 0 |
| M\_088\_AA | -59.879 | 51.84163952 | -99.9 | -99.9 | -99.9 | 0 | 765.0 | 99.9 |
| M\_088\_BOL | 1.048 | 3.43918437 | 0 | 0 | 0 | 0 | 33.1 | 0 |
| M\_089\_AA | -9.463 | 33.63494659 | -99.9 | 0 | 0 | 0 | 200.0 | 0 |
| M\_089\_BOL | 1.006 | 3.08092109 | 0 | 0 | 0 | 0 | 21.6 | 0 |
| M\_090\_AA | -99.900 | 3.20e-12 | -99.9 | -99.9 | -99.9 | -99.9 | -99.9 | 0 |
| M\_090\_BOL | 0.713 | 8.21803556 | -99.9 | 0 | 0 | 0 | 70.0 | 0 |
| M\_091\_AA | -8.657 | 46.28022154 | -99.9 | 0 | 0 | 0 | 765.0 | 0 |
| M\_091\_BOL | 1.196 | 3.84500246 | 0 | 0 | 0 | 0 | 30.4 | 0 |
| M\_092\_AA | -64.096 | 49.65840734 | -99.9 | -99.9 | -99.9 | 0 | 182.1 | 99.9 |
| M\_092\_BOL | 0.977 | 4.67368672 | -99.9 | 0 | 0 | 0 | 66.7 | 0 |
| M\_093\_AA | -52.922 | 51.68016887 | -99.9 | -99.9 | -99.9 | 0 | 334.0 | 99.9 |
| M\_093\_BOL | 2.193 | 7.61593820 | 0 | 0 | 0 | 0 | 120.0 | 0 |
| M\_094\_AA | -24.033 | 43.77942820 | -99.9 | 0 | 0 | 0 | 14.0 | 0 |
| M\_094\_BOL | 0.662 | 7.24237588 | -99.9 | 0 | 0 | 0 | 110.7 | 0 |
| M\_095\_AA | 2.529 | 38.67547311 | -99.9 | 0 | 0 | 0.1 | 807.0 | 0.10 |
| M\_095\_BOL | 0.849 | 4.97657468 | -99.9 | 0 | 0 | 0 | 39.3 | 0 |
| M\_096\_AA | 0.742 | 16.25956185 | -99.9 | 0 | 0 | 0 | 907.0 | 0 |
| M\_096\_BOL | 0.715 | 7.26664880 | -99.9 | 0 | 0 | 0 | 83.0 | 0 |
| M\_097\_AA | -9.141 | 31.73580628 | -99.9 | 0 | 0 | 0 | 172.1 | 0 |
| M\_097\_BOL | 1.392 | 3.94643581 | 0 | 0 | 0 | 0 | 30.0 | 0 |
| M\_098\_AA | -2.854 | 16.88618201 | -99.9 | 0 | 0 | 0 | 0 | 0 |
| M\_098\_BOL | -14.362 | 36.48666135 | -99.9 | 0 | 0 | 0 | 51.0 | 0 |
| M\_099\_AA | -26.663 | 48.16636261 | -99.9 | -99.9 | 0 | 0 | 74.9 | 99.9 |
| M\_099\_BOL | 2.262 | 7.00839740 | 0 | 0 | 0 | 0 | 111.0 | 0 |
| M\_100\_AA | -50.810 | 57.01077065 | -99.9 | -99.9 | -99.9 | 1.0 | 185.9 | 100.90 |
| M\_100\_BOL | 1.216 | 3.55208321 | 0 | 0 | 0 | 0.2 | 28.6 | 0.20 |
| M\_101\_AA | 0.819 | 51.79142178 | -99.9 | 0 | 0 | 1.0 | 943.1 | 1.00 |
| M\_101\_BOL | 0.832 | 3.06912652 | 0 | 0 | 0 | 0 | 20.4 | 0 |
| M\_102\_AA | 3.689 | 26.59640459 | -99.9 | 0 | 0 | 1.0 | 706.0 | 1.00 |
| M\_102\_BOL | 0.787 | 4.04024872 | -99.9 | 0 | 0 | 0 | 50.0 | 0 |
| M\_103\_AA | -99.9 | 3.20e-12 | -99.9 | -99.9 | -99.9 | -99.9 | -99.9 | 0 |
| M\_103\_BOL | 0.784 | 3.42767175 | 0 | 0 | 0 | 0 | 53.6 | 0 |
| M\_104\_AA | -35.494 | 61.05764541 | -99.9 | -99.9 | 0 | 1.0 | 1000.0 | 100.90 |
| M\_104\_BOL | 0.681 | 2.40378960 | 0 | 0 | 0 | 0 | 26.0 | 0 |
| M\_105\_AA | 3.777 | 21.71276464 | -99.9 | 0 | 0 | 2.0 | 150.1 | 2.00 |
| M\_105\_BOL | 1.451 | 3.96919333 | 0 | 0 | 0 | 0 | 30.0 | 0 |
| M\_106\_AA | 2.603 | 28.05864324 | -99.9 | 0 | 0 | 0.5 | 651.0 | 0.50 |
| M\_106\_BOL | 0.679 | 4.00688129 | -99.9 | 0 | 0 | 0 | 56.7 | 0 |
| M\_107\_AA | -7.026 | 39.68304034 | -99.9 | 0 | 0 | 0.8 | 508.0 | 0.80 |
| M\_107\_BOL | -1.758 | 19.03118846 | -99.9 | 0 | 0 | 1.0 | 43.0 | 1.00 |
| M\_108\_AA | -22.018 | 47.77095659 | -99.9 | -74.9 | 0 | 0 | 87.9 | 74.93 |
| M\_109\_AA | -58.607 | 57.40836532 | -99.9 | -99.9 | -99.9 | 0 | 680.0 | 99.9 |
| M\_109\_BOL | -6.849 | 27.02768916 | -99.9 | 0 | 0 | 0 | 41.2 | 0 |
| M\_110\_AA | -19.128 | 41.58112242 | -99.9 | 0 | 0 | 0 | 22.9 | 0 |
| M\_110\_BOL | -74.644 | 43.66173046 | -99.9 | -99.9 | -99.9 | 0 | 32.0 | 99.9 |
| M\_111\_AA | -80.739 | 42.03512398 | -99.9 | -99.9 | -99.9 | -99.9 | 126.5 | 0 |
| M\_111\_BOL | 0.775 | 3.44795051 | 0 | 0 | 0 | 0 | 29.0 | 0 |
| M\_112\_AA | -2.720 | 31.45877430 | -99.9 | 0 | 0 | 3.0 | 84.3 | 3.00 |
| M\_112\_BOL | 0.809 | 2.99894846 | 0 | 0 | 0 | 0 | 48.5 | 0 |
| M\_113\_AA | 2.401 | 18.36691845 | -99.9 | 0 | 0 | 0.8 | 292.1 | 0.80 |
| M\_113\_BOL | 0.294 | 4.65225113 | -99.9 | 0 | 0 | 0 | 38.1 | 0 |
| M\_114\_AA | -6.644 | 46.39246731 | -99.9 | 0 | 0 | 0 | 904.0 | 0 |
| M\_114\_BOL | 1.557 | 4.28023903 | 0 | 0 | 0 | 0 | 52.2 | 0 |
| M\_115\_AA | 1.923 | 15.39935766 | -99.9 | 0 | 0 | 0 | 456.0 | 0 |
| M\_115\_BOL | 0.999 | 4.91659201 | -99.9 | 0 | 0 | 0 | 244.0 | 0 |
| M\_116\_AA | -99.9 | 3.07e-12 | -99.9 | -99.9 | -99.9 | -99.9 | -99.9 | 0 |
| M\_116\_BOL | 0.655 | 2.62021934 | 0 | 0 | 0 | 0 | 30.5 | 0 |
| M\_117\_AA | -44.467 | 54.73246197 | -99.9 | -99.9 | 0 | 0 | 300.0 | 99.9 |
| M\_117\_BOL | 0.852 | 3.58165000 | -99.9 | 0 | 0 | 0 | 67.5 | 0 |
| M\_118\_AA | -64.542 | 54.22601874 | -99.9 | -99.9 | -99.9 | 0 | 804.9 | 99.9 |
| M\_119\_AA | -54.670 | 56.37376516 | -99.9 | -99.9 | -99.9 | 4.0 | 125.0 | 103.90 |
| M\_119\_BOL | -6.343 | 25.92883494 | -99.9 | 0 | 0 | 0 | 46.0 | 0 |
| M\_120\_AA | -17.864 | 40.66644012 | -99.9 | 0 | 0 | 0 | 36.6 | 0 |
| M\_120\_BOL | -1.485 | 18.99667818 | -99.9 | 0 | 0 | 0 | 92.0 | 0 |
| M\_121\_AA | 2.277 | 27.43017406 | -99.9 | 0 | 0 | 0 | 801.1 | 0 |
| M\_121\_BOL | -11.905 | 33.53177806 | -99.9 | 0 | 0 | 0 | 52.5 | 0 |
| M\_122\_AA | 4.422 | 42.61922448 | -99.9 | 0 | 0 | 0.5 | 828.0 | 0.50 |
| M\_122\_BOL | 0.546 | 2.70256288 | 0 | 0 | 0 | 0 | 44.8 | 0 |
| M\_123\_AA | -99.9 | 3.13e-12 | -99.9 | -99.9 | -99.9 | -99.9 | -99.9 | 0 |
| M\_123\_BOL | 0.882 | 3.42297542 | -99.9 | 0 | 0 | 0 | 60.0 | 0 |
| M\_124\_AA | 2.298 | 25.85804294 | -99.9 | 0 | 0 | 0 | 999.0 | 0 |
| M\_124\_BOL | 1.310 | 4.12101881 | 0 | 0 | 0 | 0 | 45.0 | 0 |
| M\_125\_AA | -81.875 | 41.45315133 | -99.9 | -99.9 | -99.9 | -99.9 | 126.2 | 0 |
| M\_126\_AA | -6.756 | 46.51981143 | -99.9 | 0 | 0 | 0 | 900.0 | 0 |
| M\_126\_BOL | 1.018 | 5.51746616 | -99.9 | 0 | 0 | 0 | 49.3 | 0 |
| M\_127\_AA | -20.763 | 47.13145305 | -99.9 | 0 | 0 | 0 | 67.3 | 0 |
| M\_127\_BOL | 0.909 | 2.99010600 | 0 | 0 | 0 | 0 | 33.5 | 0 |
| M\_128\_AA | -27.473 | 52.36971101 | -99.9 | -99.9 | 0 | 1.2 | 612.0 | 101.08 |
| M\_128\_BOL | 1.354 | 4.47467689 | 0 | 0 | 0 | 0 | 66.0 | 0 |
| M\_129\_AA | -66.600 | 57.67729189 | -99.9 | -99.9 | -99.9 | -50.0 | 0 | 49.95 |
| M\_129\_BOL | 0.676 | 2.71744473 | -99.9 | 0 | 0 | 0 | 64.0 | 0 |
| M\_130\_AA | -1.061 | 23.20895455 | -99.9 | 0 | 0 | 0.1 | 300.0 | 0.10 |
| M\_131\_AA | 0.685 | 15.53897016 | -99.9 | 0 | 0 | 0 | 510.0 | 0 |
| M\_131\_BOL | 1.228 | 3.45267551 | 0 | 0 | 0 | 0.4 | 27.2 | 0.40 |
| M\_132\_AA | -83.947 | 38.03608462 | -99.9 | -99.9 | -99.9 | -99.9 | 54.1 | 0 |
| M\_132\_BOL | 0.442 | 1.94610754 | 0 | 0 | 0 | 0 | 30.0 | 0 |
| M\_133\_AA | -8.900 | 35.26011453 | -99.9 | 0 | 0 | 0 | 270.0 | 0 |
| M\_133\_BOL | 1.020 | 3.77778901 | 0 | 0 | 0 | 0 | 80.0 | 0 |
| M\_134\_AA | -24.038 | 43.83482563 | -99.9 | 0 | 0 | 0 | 29.0 | 0 |
| M\_134\_BOL | 2.099 | 5.10869065 | 0 | 0 | 0 | 1.0 | 57.0 | 1.00 |
| M\_135\_AA | -33.742 | 53.22758304 | -99.9 | -99.9 | 0 | 1.0 | 510.0 | 100.90 |
| M\_135\_BOL | 0.827 | 3.34612663 | 0 | 0 | 0 | 0 | 45.5 | 0 |
| M\_136\_AA | 1.581 | 34.06811020 | -99.9 | 0 | 0 | 0 | 907.0 | 0 |
| M\_136\_BOL | 1.120 | 7.00624481 | -99.9 | 0 | 0 | 0.2 | 65.3 | 0.20 |
| M\_137\_AA | -2.854 | 16.88618201 | -99.9 | 0 | 0 | 0 | 0 | 0 |
| M\_137\_BOL | 0.990 | 3.64160421 | 0 | 0 | 0 | 0 | 60.5 | 0 |
| M\_138\_AA | -0.835 | 29.41265877 | -99.9 | 0 | 0 | 0 | 599.9 | 0 |
| M\_138\_BOL | 0.319 | 6.66804234 | -99.9 | 0 | 0 | 0 | 43.4 | 0 |
| M\_139\_AA | -9.519 | 45.68451729 | -99.9 | 0 | 0 | 0 | 607.1 | 0 |
| M\_139\_BOL | 1.036 | 4.15547185 | -99.9 | 0 | 0 | 0 | 45.0 | 0 |
| M\_140\_AA | 0.303 | 22.65269069 | -99.9 | 0 | 0 | 0 | 1206.0 | 0 |
| M\_141\_AA | -4.504 | 46.68462859 | -99.9 | 0 | 0 | 0 | 500.0 | 0 |
| M\_141\_BOL | 5.780 | 13.82375474 | 0 | 0 | 0 | 2.3 | 120.8 | 2.30 |
| M\_142\_AA | -26.823 | 45.02083319 | -99.9 | -99.9 | 0 | 0 | 6.6 | 99.9 |
| M\_142\_BOL | 1.135 | 4.50766771 | -99.9 | 0 | 0 | 0 | 88.0 | 0 |
| M\_143\_AA | -85.350 | 50.03770085 | -99.9 | -99.9 | -99.9 | -99.9 | 701.0 | 0 |
| M\_143\_BOL | 0.475 | 7.39078909 | -99.9 | 0 | 0 | 0 | 66.4 | 0 |
| M\_144\_AA | -13.081 | 39.48167605 | -99.9 | 0 | 0 | 0 | 406.0 | 0 |
| M\_144\_BOL | -28.168 | 46.39467446 | -99.9 | -99.9 | 0 | 0 | 41.0 | 99.9 |
| M\_145\_AA | 0 | nan | 0 | 0 | 0 | 0 | 0 | 0 |
| M\_145\_BOL | 0.971 | 7.76093482 | -99.9 | 0 | 0 | 0 | 161.1 | 0 |
| M\_146\_AA | -25.484 | 45.47506802 | -99.9 | -99.9 | 0 | 0 | 36.1 | 99.9 |
| M\_146\_BOL | 0.992 | 3.95976329 | 0 | 0 | 0 | 0 | 69.4 | 0 |
| M\_147\_AA | -81.871 | 45.04134884 | -99.9 | -99.9 | -99.9 | -99.9 | 683.5 | 0 |
| M\_147\_BOL | 1.320 | 5.11807855 | 0 | 0 | 0 | 0 | 90.0 | 0 |
| M\_148\_AA | -3.108 | 25.71809506 | -99.9 | 0 | 0 | 0 | 80.0 | 0 |
| M\_148\_BOL | 1.478 | 4.18320116 | 0 | 0 | 0 | 0 | 23.2 | 0 |
| M\_149\_AA | 2.051 | 34.80115788 | -99.9 | 0 | 0 | 1.0 | 749.6 | 1.00 |
| M\_149\_BOL | -0.212 | 8.82375470 | -99.9 | 0 | 0 | 0 | 55.0 | 0 |
| M\_150\_AA | 3.098 | 38.93521619 | -99.9 | 0 | 0 | 1.0 | 906.5 | 1.00 |
| M\_150\_BOL | 1.868 | 4.87324663 | 0 | 0 | 0 | 0 | 36.0 | 0 |
| M\_151\_AA | 3.376 | 24.84230819 | -99.9 | 0 | 0 | 0.1 | 662.0 | 0.10 |
| M\_151\_BOL | 0.286 | 1.29410276 | 0 | 0 | 0 | 0 | 16.0 | 0 |
| M\_152\_AA | -25.209 | 45.76721290 | -99.9 | -99.9 | 0 | 0 | 66.0 | 99.9 |
| M\_152\_BOL | 0.903 | 3.74387368 | -99.9 | 0 | 0 | 0 | 47.0 | 0 |
| M\_153\_AA | -82.034 | 49.26527710 | -99.9 | -99.9 | -99.9 | -99.9 | 901.0 | 0 |
| M\_153\_BOL | 1.220 | 3.73556316 | 0 | 0 | 0 | 0 | 50.0 | 0 |
| M\_154\_AA | -6.484 | 36.66852197 | -99.9 | 0 | 0 | 1.0 | 137.9 | 1.00 |
| M\_154\_BOL | 0.563 | 4.12016949 | -99.9 | 0 | 0 | 0 | 27.0 | 0 |
| M\_155\_AA | -0.182 | 28.05801795 | -99.9 | 0 | 0 | 0 | 886.0 | 0 |
| M\_155\_BOL | 1.874 | 9.21550941 | 0 | 0 | 0 | 0 | 125.0 | 0 |
| M\_156\_AA | 1.354 | 22.87806912 | -99.9 | 0 | 0 | 0.1 | 427.0 | 0.10 |
| M\_156\_BOL | 0.671 | 2.52770592 | 0 | 0 | 0 | 0 | 25.0 | 0 |
| M\_157\_AA | 0.604 | 23.43100516 | -99.9 | 0 | 0 | 0 | 746.0 | 0 |
| M\_157\_BOL | 1.637 | 6.80294758 | -99.9 | 0 | 0 | 0 | 50.5 | 0 |
| M\_158\_AA | -7.960 | 43.37934887 | -99.9 | 0 | 0 | 0.1 | 752.3 | 0.10 |
| M\_159\_AA | -99.900 | 2.99e-12 | -99.9 | -99.9 | -99.9 | -99.9 | -99.9 | 0 |
| M\_160\_AA | -33.103 | 55.48817924 | -99.9 | -99.9 | 0.6 | 5.0 | 380.0 | 104.90 |
| M\_161\_AA | 0.263 | 0.86605451 | 0 | 0 | 0 | 0 | 4.6 | 0 |
| M\_162\_AA | -99.900 | 1.79e-12 | -99.9 | -99.9 | -99.9 | -99.9 | -99.9 | 0 |
| M\_163\_AA | -99.900 | 2.99e-13 | -99.9 | -99.9 | -99.9 | -99.9 | -99.9 | 0 |
| M\_164\_AA | -91.307 | 28.86944342 | -99.9 | -99.9 | -99.9 | -99.9 | 55.0 | 0 |
| M\_165\_AA | -82.267 | 41.37130846 | -99.9 | -99.9 | -99.9 | -99.9 | 112.3 | 0 |
| M\_166\_AA | -6.383 | 31.96646515 | -99.9 | 0 | 0 | 0.3 | 60.2 | 0.30 |
| M\_167\_AA | 2.386 | 23.88682521 | -99.9 | 0 | 0 | 0 | 545.6 | 0 |
| M\_168\_AA | 0.696 | 28.12277284 | -99.9 | 0 | 0 | 0 | 998.0 | 0 |
| M\_169\_AA | -8.352 | 41.58367726 | -99.9 | 0 | 0 | 0 | 702.1 | 0 |
| M\_170\_AA | 4.232 | 44.40631978 | -99.9 | 0 | 0 | 0 | 807.0 | 0 |
| M\_171\_AA | -7.395 | 40.14883656 | -99.9 | 0 | 0 | 0 | 700.0 | 0 |
| M\_172\_AA | 1.188 | 18.36258099 | -99.9 | 0 | 0 | 0 | 992.0 | 0 |
| M\_173\_AA | -9.564 | 39.79225177 | -99.9 | 0 | 0 | 0 | 372.0 | 0 |
| M\_174\_AA | -22.718 | 49.55110352 | -99.9 | -99.9 | 0 | 1.0 | 400.0 | 100.90 |
| M\_175\_AA | -79.505 | 42.64109940 | -99.9 | -99.9 | -99.9 | -99.9 | 386.6 | 0 |
| M\_176\_AA | -7.727 | 31.33401929 | -99.9 | 0 | 0 | 0 | 54.1 | 0 |
| M\_177\_AA | -79.103 | 45.36135730 | -99.9 | -99.9 | -99.9 | -99.9 | 500.1 | 0 |
| M\_178\_AA | -2.054 | 66.11041414 | -99.9 | 0 | 0 | 0.3 | 805.8 | 0.30 |
| M\_179\_AA | -12.283 | 34.36721258 | -99.9 | 0 | 0 | 0 | 51.0 | 0 |
| M\_180\_AA | -99.9 | 3.01e-12 | -99.9 | -99.9 | -99.9 | -99.9 | -99.9 | 0 |
| M\_181\_AA | 1.345 | 11.07851920 | -99.9 | 0 | 0 | 0.3 | 82.5 | 0.30 |
| M\_182\_AA | 2.228 | 19.47131719 | -99.9 | 0 | 0 | 0 | 1000.0 | 0 |
| M\_183\_AA | -15.456 | 47.89154845 | -99.9 | 0 | 0 | 2.0 | 801.0 | 2.00 |
| M\_184\_AA | -7.148 | 34.12244184 | -99.9 | 0 | 0 | 0.3 | 241.4 | 0.30 |
| M\_185\_AA | -2.136 | 43.04942539 | -99.9 | 0 | 0 | 0 | 689.0 | 0 |
| M\_186\_AA | 0.100 | 0.39556363 | 0 | 0 | 0 | 0 | 2.3 | 0 |
| M\_187\_AA | -99.900 | 1.35e-12 | -99.9 | -99.9 | -99.9 | -99.9 | -99.9 | 0 |
| M\_188\_AA | 4.332 | 40.16598113 | -99.9 | 0 | 0 | 1.0 | 866.1 | 1.00 |
| M\_189\_AA | 2.771 | 24.97381605 | -99.9 | 0 | 0 | 0 | 996.1 | 0 |
| M\_190\_AA | -2.474 | 27.36919643 | -99.9 | 0 | 0 | 1.5 | 74.5 | 1.50 |
| M\_191\_AA | -79.377 | 50.02590393 | -99.9 | -99.9 | -99.9 | -99.9 | 999.7 | 0 |
| M\_192\_AA | -26.271 | 44.91801938 | -99.9 | -99.9 | 0 | 0 | 6.1 | 99.9 |
| M\_193\_AA | -99.613 | 5.36872255 | -99.9 | -99.9 | -99.9 | -99.9 | 2.0 | 0 |
| M\_194\_AA | 1.858 | 30.85031766 | -99.9 | 0 | 0 | 0 | 768.0 | 0 |
| M\_195\_AA | 0.006 | 0.09551038 | 0 | 0 | 0 | 0 | 2.1 | 0 |
| M\_196\_AA | -1.193 | 15.47471557 | -99.9 | 0 | 0 | 0 | 257.6 | 0 |
| M\_197\_AA | -46.253 | 53.21321977 | -99.9 | -99.9 | 0 | 0 | 862.6 | 99.9 |
| M\_198\_AA | 62.725 | 301.17146292 | -99.9 | 0 | 0 | 0 | 4722.0 | 0 |
| M\_199\_AA | 137.763 | 387.24065593 | -99.9 | 0 | 0 | 0 | 2907.0 | 0 |
| M\_200\_AA | -99.9 | 2.44e-12 | -99.9 | -99.9 | -99.9 | -99.9 | -99.9 | 0 |
| M\_201\_AA | -37.593 | 63.13052921 | -99.9 | -99.9 | 0 | 0 | 862.1 | 99.9 |
| M\_202\_AA | -19.824 | 231.27078698 | -99.9 | -99.9 | -99.9 | 0 | 861.8 | 99.9 |
| M\_203\_AA | 298.082 | 578.29904286 | -99.9 | 0 | 0 | 509.0 | 2509.0 | 509.00 |
| M\_204\_AA | 77.305 | 280.01921321 | -99.9 | 0 | 0 | 51.0 | 2082.0 | 51.00 |
| M\_205\_AA | -99.671 | 4.80103468 | -99.9 | -99.9 | -99.9 | -99.9 | 2.0 | 0 |
| M\_206\_AA | -99.095 | 9.10824933 | -99.9 | -99.9 | -99.9 | -99.9 | 10.0 | 0 |
| M\_207\_AA | 10.768 | 107.23424440 | -99.9 | 0 | 0 | 0 | 2413.0 | 0 |
| M\_208\_AA | 30.036 | 172.57278624 | -99.9 | 0 | 0 | 0 | 1677.0 | 0 |
| M\_209\_AA | 31.754 | 268.45246912 | -99.9 | 0 | 0 | 0 | 2361.0 | 0 |
| M\_210\_AA | -0.137 | 3.70776360 | -99.9 | 0 | 0 | 0 | 0.7 | 0 |
| M\_211\_AA | -3.070 | 18.11892437 | -99.9 | 0 | 0 | 0 | 100.1 | 0 |
| M\_212\_AA | -10.419 | 36.85588559 | -99.9 | 0 | 0 | 0 | 635.0 | 0 |
| M\_213\_AA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| M\_214\_AA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| M\_215\_AA | 0.492 | 2.03288925 | 0 | 0 | 0 | 0 | 11.9 | 0 |
| M\_216\_AA | -15.547 | 39.23509485 | -99.9 | 0 | 0 | 0 | 380.0 | 0 |
| M\_217\_AA | -99.721 | 4.24267436 | -99.9 | -99.9 | -99.9 | -99.9 | 0.5 | 0 |
| M\_218\_AA | -35.580 | 47.85854324 | -99.9 | -99.9 | 0 | 0 | 8.1 | 99.9 |
| M\_219\_AA | -99.900 | 1.47e-14 | -99.9 | -99.9 | -99.9 | -99.9 | -99.9 | 0 |
| M\_220\_AA | -0.227 | 4.82412092 | -99.9 | 0 | 0 | 0 | 1.0 | 0 |
| M\_221\_AA | -8.424 | 32.44546020 | -99.9 | 0 | 0 | 0 | 570.0 | 0 |
| M\_222\_AA | 1.858 | 34.33429518 | -99.9 | 0 | 0 | 0 | 707.1 | 0 |
| M\_223\_AA | -3.195 | 17.72876189 | -99.9 | 0 | 0 | 0 | 21.0 | 0 |
| M\_224\_AA | 1.630 | 29.83769748 | -99.9 | 0 | 0 | 0 | 766.0 | 0 |
| M\_225\_AA | -12.210 | 70.86484257 | -99.9 | 0 | 0 | 0 | 1575.0 | 0 |
| M\_226\_AA | 14.527 | 116.72476587 | -99.9 | 0 | 0 | 0 | 2463.0 | 0 |
| M\_227\_AA | -99.372 | 7.38052637 | -99.9 | -99.9 | -99.9 | -99.9 | 27.0 | 0 |
| M\_228\_AA | 41.327 | 208.34160347 | -99.9 | 0 | 0 | 0 | 1625.0 | 0 |
| M\_229\_AA | -99.667 | 4.83903289 | -99.9 | -99.9 | -99.9 | -99.9 | 0.6 | 0 |
| M\_230\_AA | -99.689 | 4.71375105 | -99.9 | -99.9 | -99.9 | -99.9 | 17.0 | 0 |
| M\_231\_AA | -99.900 | 1.86e-13 | -99.9 | -99.9 | -99.9 | -99.9 | -99.9 | 0 |
| M\_232\_AA | -32.913 | 265.94342847 | -99.9 | -99.9 | -99.9 | -99.9 | 3148.0 | 0 |
| M\_233\_AA | -78.645 | 118.34193351 | -99.9 | -99.9 | -99.9 | -99.9 | 559.0 | 0 |
| M\_234\_AA | -98.855 | 10.60440066 | -99.9 | -99.9 | -99.9 | -99.9 | 26.0 | 0 |
| M\_235\_AA | -99.900 | 3.27e-12 | -99.9 | -99.9 | -99.9 | -99.9 | -99.9 | 0 |
| M\_236\_AA | -2.602 | 30.46214596 | -99.9 | 0 | 0 | 0 | 360.0 | 0 |
| M\_237\_AA | -5.812 | 27.30903134 | -99.9 | 0 | 0 | 0 | 200.0 | 0 |
| M\_238\_AA | 0 | nan | 0 | 0 | 0 | 0 | 0 | 0 |
| M\_239\_AA | -94.024 | 24.22930894 | -99.9 | -99.9 | -99.9 | -99.9 | 0 | 0 |
| M\_240\_AA | 4.100 | nan | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 0 |
| M\_241\_AA | -49.911 | 51.43839135 | -99.9 | -99.9 | -50.0 | 0 | 0.7 | 99.9 |
| M\_242\_AA | -75.499 | 46.22563212 | -99.9 | -99.9 | -99.9 | -99.9 | 126.0 | 0 |
| M\_243\_AA | -12.199 | 37.37750592 | -99.9 | 0 | 0 | 0 | 410.0 | 0 |
| M\_244\_AA | -99.900 | 2.91e-14 | -99.9 | -99.9 | -99.9 | -99.9 | -99.9 | 0 |
| M\_245\_AA | -93.608 | 25.99907808 | -99.9 | -99.9 | -99.9 | -99.9 | 90.0 | 0 |
| M\_246\_AA | 2.486 | 8.79368976 | 0 | 0 | 0 | 0.1 | 100.1 | 0.10 |
| M\_247\_AA | -19.944 | 46.30341478 | -99.9 | 0 | 0 | 0 | 1025.0 | 0 |
| M\_248\_AA | -0.629 | 16.47383299 | -99.9 | 0 | 0 | 0 | 136.1 | 0 |
| M\_249\_AA | -12.488 | 35.31998372 | -99.9 | 0 | 0 | 0 | 0 | 0 |
| M\_250\_AA | 0.191 | 0.56691706 | 0 | 0 | 0 | 0 | 3.0 | 0 |
| M\_251\_AA | -49.950 | 57.67729189 | -99.9 | -99.9 | -50.0 | 0 | 0 | 99.9 |
| M\_252\_AA | -99.900 | 1.74e-14 | -99.9 | -99.9 | -99.9 | -99.9 | -99.9 | 0 |
| M\_253\_AA | -29.470 | 48.28935927 | -99.9 | -99.9 | 0 | 0 | 90.0 | 99.9 |
| M\_254\_AA | -84.539 | 37.36223897 | -99.9 | -99.9 | -99.9 | -99.9 | 93.0 | 0 |
| M\_255\_AA | -30.644 | 56.01473395 | -99.9 | -99.9 | 0 | 0 | 962.9 | 99.9 |
| M\_256\_AA | 0 | nan | 0 | 0 | 0 | 0 | 0 | 0 |
| M\_257\_AA | -82.788 | 39.68662813 | -99.9 | -99.9 | -99.9 | -99.9 | 70.0 | 0 |
| M\_258\_AA | 6.169 | 39.98426495 | 0 | 0 | 0 | 0.5 | 664.9 | 0.50 |
| M\_259\_AA | -19.614 | 56.82710471 | -99.9 | 0 | 0 | 0.2 | 1006.1 | 0.20 |
| M\_260\_AA | 1.416 | 25.31580928 | -99.9 | 0 | 0 | 0.5 | 310.0 | 0.50 |
| M\_261\_AA | -99.9 | nan | -99.9 | -99.9 | -99.9 | -99.9 | -99.9 | 0 |
| M\_262\_AA | -99.900 | 2.70e-13 | -99.9 | -99.9 | -99.9 | -99.9 | -99.9 | 0 |
| M\_263\_AA | -99.9 | 0 | -99.9 | -99.9 | -99.9 | -99.9 | -99.9 | 0 |
| M\_264\_AA | -4.868 | 43.08801696 | -99.9 | 0 | 0 | 0 | 400.2 | 0 |
| M\_265\_AA | -17.341 | 52.30179705 | -99.9 | 0 | 0 | 0 | 960.1 | 0 |
| M\_266\_AA | 4.008 | 41.04085003 | -99.9 | 0 | 0 | 0.7 | 983.7 | 0.70 |
| M\_267\_AA | -99.9 | nan | -99.9 | -99.9 | -99.9 | -99.9 | -99.9 | 0 |
| M\_268\_AA | -0.609 | 38.79349879 | -99.9 | 0 | 0 | 0 | 300.0 | 0 |
| M\_269\_AA | 3.316 | 24.10529513 | -99.9 | 0 | 0 | 0.7 | 470.9 | 0.70 |
| M\_270\_AA | 0.859 | 31.73131604 | -99.9 | 0 | 0 | 0.5 | 530.2 | 0.45 |
| M\_271\_AA | 0.480 | 1.61478463 | 0 | 0 | 0 | 0 | 8.1 | 0 |
| M\_272\_AA | -5.227 | 79.13172088 | -99.9 | 0 | 0 | 0 | 1787.0 | 0 |
| M\_273\_AA | 9.666 | 66.80374682 | -99.9 | 0 | 0 | 0 | 865.0 | 0 |
| M\_274\_AA | -99.9 | nan | -99.9 | -99.9 | -99.9 | -99.9 | -99.9 | 0 |
| M\_275\_AA | -75.648 | 45.11750916 | -99.9 | -99.9 | -99.9 | -99.9 | 90.0 | 0 |
| M\_276\_AA | -77.318 | 43.62545059 | -99.9 | -99.9 | -99.9 | -99.9 | 70.6 | 0 |
| M\_277\_AA | 2.933 | 9.64351363 | 0 | 0 | 0 | 1.0 | 99.9 | 1.02 |
| M\_278\_AA | 3.896 | 55.34653593 | -99.9 | 0 | 0 | 0.7 | 706.0 | 0.70 |
| M\_279\_AA | -16.158 | 82.01005579 | -99.9 | -99.9 | 0 | 0.3 | 1541.0 | 100.20 |
| M\_280\_AA | -99.9 | 2.14e-13 | -99.9 | -99.9 | -99.9 | -99.9 | -99.9 | 0 |
| M\_281\_AA | -0.936 | 26.95860683 | -99.9 | 0 | 0 | 0 | 400.0 | 0 |
| M\_282\_AA | -19.866 | 41.82821068 | -99.9 | 0 | 0 | 0 | 46.0 | 0 |
| M\_283\_AA | -87.301 | 35.29335316 | -99.9 | -99.9 | -99.9 | -99.9 | 100.0 | 0 |
| M\_284\_AA | -5.131 | 31.92741373 | -99.9 | 0 | 0 | 0 | 931.0 | 0 |
| M\_285\_AA | -75.153 | 45.83376579 | -99.9 | -99.9 | -99.9 | -99.9 | 97.0 | 0 |
| M\_286\_AA | 2.846 | 14.94266884 | -99.9 | 0 | 0 | 0.3 | 140.9 | 0.30 |
| M\_287\_AA | 2.128 | 24.92264295 | -99.9 | 0 | 0 | 0.4 | 302.0 | 0.38 |
| M\_288\_AA | -24.832 | 51.44750403 | -99.9 | -99.9 | 0 | 0 | 869.0 | 99.9 |
| M\_289\_AA | -0.269 | 27.57641296 | -99.9 | 0 | 0 | 0 | 300.0 | 0 |
| M\_290\_AA | -99.9 | nan | -99.9 | -99.9 | -99.9 | -99.9 | -99.9 | 0 |
| M\_291\_AA | -99.9 | nan | -99.9 | -99.9 | -99.9 | -99.9 | -99.9 | 0 |
| M\_292\_AA | -99.9 | nan | -99.9 | -99.9 | -99.9 | -99.9 | -99.9 | 0 |
| M\_293\_AA | -99.9 | 0 | -99.9 | -99.9 | -99.9 | -99.9 | -99.9 | 0 |
| M\_294\_AA | -99.9 | nan | -99.9 | -99.9 | -99.9 | -99.9 | -99.9 | 0 |