|  |  |
| --- | --- |
| Conformer | Coordinates |
| TM\_NP\_model\_scan\_m\_20\_m\_0 | 1 6 0 1.401327 0.465861 0.126436  2 6 0 0.989722 -0.877718 0.083304  3 6 0 -0.337838 -1.310947 0.063982  4 6 0 -1.395390 -0.368770 0.013091  5 6 0 -0.994175 0.973805 -0.033715  6 6 0 0.330289 1.404367 0.033475  7 6 0 -2.794400 -0.704300 -0.380462  8 6 0 -3.047899 -1.857902 -1.108343  9 6 0 -4.343313 -2.217295 -1.530277  10 6 0 -5.419452 -1.441519 -1.189198  11 6 0 -5.246017 -0.309628 -0.354036  12 6 0 -3.933327 0.043506 0.107354  13 6 0 -3.847708 1.074727 1.083732  14 6 0 -4.959427 1.766025 1.504150  15 6 0 -6.233931 1.469973 0.976855  16 6 0 -6.369442 0.444066 0.076706  17 6 0 2.817166 0.766950 -0.258664  18 6 0 3.928241 -0.092826 0.121572  19 6 0 5.246776 0.224742 -0.353190  20 6 0 5.480451 1.447774 -1.029706  21 6 0 4.460088 2.346054 -1.183843  22 6 0 3.154471 2.013189 -0.771733  23 6 0 3.831140 -1.190699 1.022411  24 6 0 4.912004 -1.987343 1.321221  25 6 0 6.172119 -1.741530 0.739756  26 6 0 6.332765 -0.643453 -0.065498  27 6 0 -0.572207 -2.764198 0.243272  28 7 0 0.310334 -3.637951 -0.021317  29 6 0 0.006950 -5.025297 0.266778  30 6 0 0.520059 2.864772 0.224635  31 7 0 -0.296265 3.728648 -0.221437  32 6 0 -0.068998 5.120417 0.113241  33 1 0 1.716118 -1.670993 0.004632  34 1 0 -1.727640 1.755960 -0.167608  35 1 0 -2.217264 -2.444081 -1.477714  36 1 0 -4.473291 -3.100655 -2.145005  37 1 0 -6.417827 -1.693542 -1.530454  38 1 0 -2.892456 1.305729 1.531768  39 1 0 -4.855234 2.539484 2.256785  40 1 0 -7.100897 2.033116 1.303158  41 1 0 -7.347812 0.174470 -0.307201  42 1 0 6.482164 1.672408 -1.380004  43 1 0 4.636061 3.308612 -1.650282  44 1 0 2.372562 2.709429 -1.035521  45 1 0 2.898334 -1.388593 1.526975  46 1 0 4.792428 -2.805178 2.022869  47 1 0 7.011272 -2.391176 0.960857  48 1 0 7.307786 -0.396914 -0.472712  49 1 0 -1.546171 -3.043767 0.666737  50 1 0 -0.997403 -5.181564 0.689268  51 1 0 1.384217 3.156236 0.837959  52 1 0 0.828645 5.288351 0.728127  53 1 0 0.101762 -5.613261 -0.651523  54 1 0 0.750034 -5.418092 0.968119  55 1 0 0.017079 5.703903 -0.808703  56 1 0 -0.941211 5.508435 0.648915 |
| TM\_NP\_model\_scan\_m\_20\_m\_10 | 1 6 0 1.402104 0.411563 0.037058  2 6 0 0.976619 -0.925652 -0.000232  3 6 0 -0.358791 -1.332960 0.002212  4 6 0 -1.399338 -0.368173 -0.014916  5 6 0 -0.978815 0.968574 -0.052557  6 6 0 0.355289 1.374647 -0.010749  7 6 0 -2.811977 -0.676831 -0.382938  8 6 0 -3.098341 -1.818260 -1.117723  9 6 0 -4.407534 -2.153626 -1.516414  10 6 0 -5.464354 -1.365459 -1.145043  11 6 0 -5.256275 -0.245454 -0.301723  12 6 0 -3.929113 0.082564 0.136491  13 6 0 -3.808025 1.101559 1.121897  14 6 0 -4.900169 1.805244 1.572027  15 6 0 -6.189442 1.534570 1.067596  16 6 0 -6.358946 0.520540 0.159760  17 6 0 2.820450 0.703714 -0.332403  18 6 0 3.927323 -0.105840 0.141536  19 6 0 5.257368 0.207636 -0.300449  20 6 0 5.489224 1.371514 -1.074974  21 6 0 4.453227 2.216954 -1.368446  22 6 0 3.139924 1.892317 -0.974738  23 6 0 3.802013 -1.156170 1.093504  24 6 0 4.882439 -1.908366 1.491131  25 6 0 6.166883 -1.659591 0.965140  26 6 0 6.346114 -0.611075 0.099659  27 6 0 -0.618496 -2.782361 0.176631  28 7 0 0.240371 -3.671244 -0.114395  29 6 0 -0.083056 -5.054287 0.172700  30 6 0 0.596724 2.826793 0.174503  31 7 0 -0.236211 3.712793 -0.190665  32 6 0 0.056913 5.096824 0.123641  33 1 0 1.696700 -1.725877 -0.083967  34 1 0 -1.702120 1.764365 -0.158997  35 1 0 -2.284772 -2.412832 -1.510938  36 1 0 -4.563475 -3.028318 -2.137487  37 1 0 -6.473306 -1.598615 -1.468134  38 1 0 -2.840627 1.313184 1.553009  39 1 0 -4.768670 2.568830 2.330435  40 1 0 -7.040804 2.107439 1.417225  41 1 0 -7.348889 0.270072 -0.207062  42 1 0 6.499932 1.593121 -1.400580  43 1 0 4.626538 3.129762 -1.926880  44 1 0 2.345396 2.535675 -1.325735  45 1 0 2.843067 -1.353095 1.548303  46 1 0 4.744443 -2.693164 2.226357  47 1 0 7.007749 -2.272391 1.269483  48 1 0 7.335113 -0.370148 -0.275982  49 1 0 -1.587732 -3.045626 0.620855  50 1 0 -1.080081 -5.193940 0.617772  51 1 0 1.522956 3.093361 0.701622  52 1 0 1.011539 5.239368 0.653021  53 1 0 -0.021026 -5.638356 -0.750887  54 1 0 0.668522 -5.465541 0.854145  55 1 0 0.072535 5.681447 -0.801510  56 1 0 -0.751758 5.504974 0.738269 |
| TM\_NP\_model\_scan\_m\_20\_m\_20 | 1 6 0 -1.401861 -0.359369 -0.052539  2 6 0 -0.962555 0.971073 -0.082973  3 6 0 0.379828 1.353088 -0.058712  4 6 0 1.402330 0.367082 -0.042999  5 6 0 0.962149 -0.963413 -0.073971  6 6 0 -0.380456 -1.345623 -0.057029  7 6 0 2.827702 0.648745 -0.384447  8 6 0 3.147781 1.777724 -1.124473  9 6 0 4.470267 2.088497 -1.498485  10 6 0 5.506340 1.287859 -1.096771  11 6 0 5.262682 0.180203 -0.246609  12 6 0 3.921456 -0.122243 0.166780  13 6 0 3.763657 -1.128218 1.160321  14 6 0 4.834737 -1.843928 1.641017  15 6 0 6.138430 -1.599211 1.161015  16 6 0 6.343035 -0.597946 0.246265  17 6 0 -2.826381 -0.643802 -0.393565  18 6 0 -3.921621 0.117783 0.166108  19 6 0 -5.262369 -0.186687 -0.246991  20 6 0 -5.502409 -1.285287 -1.109924  21 6 0 -4.463287 -2.075043 -1.525413  22 6 0 -3.141424 -1.762958 -1.150175  23 6 0 -3.764314 1.117034 1.166368  24 6 0 -4.837106 1.823485 1.656768  25 6 0 -6.141487 1.575396 1.180119  26 6 0 -6.344723 0.581403 0.257108  27 6 0 0.664380 2.798020 0.112851  28 7 0 -0.170506 3.701407 -0.202441  29 6 0 0.173144 5.079542 0.084978  30 6 0 -0.668193 -2.790092 0.111611  31 7 0 0.171126 -3.693946 -0.190396  32 6 0 -0.177792 -5.071930 0.091193  33 1 0 -1.675805 1.778541 -0.169001  34 1 0 1.674827 -1.771580 -0.156305  35 1 0 2.352297 2.380747 -1.541157  36 1 0 4.653152 2.954191 -2.124812  37 1 0 6.525474 1.501843 -1.400629  38 1 0 2.784284 -1.319835 1.573261  39 1 0 4.675069 -2.596832 2.404671  40 1 0 6.973050 -2.181537 1.534565  41 1 0 7.344301 -0.367068 -0.102244  42 1 0 -6.521258 -1.500865 -1.413640  43 1 0 -4.643631 -2.932993 -2.163032  44 1 0 -2.342962 -2.357183 -1.574090  45 1 0 -2.783662 1.310885 1.575497  46 1 0 -4.678396 2.571721 2.425197  47 1 0 -6.977635 2.150099 1.561970  48 1 0 -7.346131 0.349221 -0.090131  49 1 0 1.628437 3.045125 0.577161  50 1 0 1.162323 5.202456 0.551957  51 1 0 -1.639642 -3.036669 0.560377  52 1 0 -1.174289 -5.194385 0.542434  53 1 0 0.143342 5.659633 -0.842712  54 1 0 -0.585678 5.508756 0.747037  55 1 0 -0.133704 -5.651793 -0.836079  56 1 0 0.570245 -5.501811 0.764998 |
| TM\_NP\_model\_scan\_m\_20\_m\_30 | 1 6 0 -1.401745 -0.308188 -0.142125  2 6 0 -0.947703 1.015219 -0.160497  3 6 0 0.400844 1.372267 -0.113699  4 6 0 1.404353 0.365992 -0.069544  5 6 0 0.943931 -0.957495 -0.099577  6 6 0 -0.406239 -1.315838 -0.109161  7 6 0 2.841307 0.621196 -0.384118  8 6 0 3.195241 1.739213 -1.125193  9 6 0 4.530139 2.025317 -1.474201  10 6 0 5.544296 1.210888 -1.045430  11 6 0 5.264940 0.114022 -0.192130  12 6 0 3.910628 -0.163123 0.195685  13 6 0 3.715803 -1.158205 1.193577  14 6 0 4.764781 -1.887206 1.702244  15 6 0 6.081945 -1.667759 1.247545  16 6 0 6.321861 -0.677598 0.329273  17 6 0 -2.833546 -0.580360 -0.455891  18 6 0 -3.911075 0.125424 0.193677  19 6 0 -5.262421 -0.160090 -0.195687  20 6 0 -5.519402 -1.174088 -1.152517  21 6 0 -4.486711 -1.898730 -1.687896  22 6 0 -3.155498 -1.609688 -1.326335  23 6 0 -3.717554 1.055937 1.251686  24 6 0 -4.776109 1.708802 1.837275  25 6 0 -6.097710 1.470895 1.402832  26 6 0 -6.330667 0.548606 0.414398  27 6 0 0.709874 2.811867 0.058872  28 7 0 -0.100266 3.729714 -0.278663  29 6 0 0.263225 5.102171 0.011383  30 6 0 -0.737519 -2.752570 0.033709  31 7 0 0.105475 -3.672849 -0.201819  32 6 0 -0.296150 -5.044340 0.037318  33 1 0 -1.653209 1.830713 -0.245352  34 1 0 1.645037 -1.777530 -0.161782  35 1 0 2.418567 2.352121 -1.562447  36 1 0 4.740150 2.883102 -2.102909  37 1 0 6.572873 1.405736 -1.329756  38 1 0 2.725141 -1.330508 1.587547  39 1 0 4.576850 -2.631039 2.468340  40 1 0 6.898992 -2.260482 1.642957  41 1 0 7.333793 -0.465972 -0.000156  42 1 0 -6.546096 -1.375839 -1.439007  43 1 0 -4.682002 -2.687163 -2.405836  44 1 0 -2.359081 -2.152527 -1.819590  45 1 0 -2.718450 1.239522 1.620721  46 1 0 -4.593847 2.406901 2.646572  47 1 0 -6.923300 2.001169 1.863819  48 1 0 -7.343748 0.332216 0.091629  49 1 0 1.668024 3.042290 0.543535  50 1 0 1.243716 5.208261 0.500347  51 1 0 -1.748671 -2.980362 0.395016  52 1 0 -1.329886 -5.147184 0.400994  53 1 0 0.265729 5.678868 -0.918922  54 1 0 -0.502123 5.548616 0.654260  55 1 0 -0.185995 -5.618735 -0.887874  56 1 0 0.382366 -5.495458 0.768421 |
| TM\_NP\_model\_scan\_m\_20\_m\_40 | 1 6 0 -1.401851 -0.259930 -0.231208  2 6 0 -0.932961 1.056406 -0.233619  3 6 0 0.420613 1.389834 -0.162275  4 6 0 1.405238 0.364946 -0.095400  5 6 0 0.925224 -0.951231 -0.130629  6 6 0 -0.431238 -1.286603 -0.166526  7 6 0 2.852413 0.596258 -0.382314  8 6 0 3.238475 1.706609 -1.118691  9 6 0 4.584354 1.970806 -1.442013  10 6 0 5.576884 1.141785 -0.991286  11 6 0 5.263529 0.051712 -0.141036  12 6 0 3.897572 -0.203219 0.220457  13 6 0 3.667419 -1.192680 1.216421  14 6 0 4.694569 -1.936579 1.747579  15 6 0 6.023787 -1.738796 1.318792  16 6 0 6.297354 -0.754902 0.403195  17 6 0 -2.842216 -0.516073 -0.517430  18 6 0 -3.895819 0.125664 0.223673  19 6 0 -5.258362 -0.128941 -0.145765  20 6 0 -5.542290 -1.039230 -1.195021  21 6 0 -4.525223 -1.690812 -1.843780  22 6 0 -3.183248 -1.434669 -1.495706  23 6 0 -3.661453 0.968874 1.344379  24 6 0 -4.699140 1.562661 2.022369  25 6 0 -6.036112 1.347147 1.622736  26 6 0 -6.304873 0.513556 0.566594  27 6 0 0.752069 2.823161 0.019153  28 7 0 -0.034343 3.755751 -0.333959  29 6 0 0.347062 5.121067 -0.033421  30 6 0 -0.800898 -2.715766 -0.055996  31 7 0 0.041657 -3.650783 -0.227095  32 6 0 -0.405717 -5.015846 -0.038915  33 1 0 -1.629949 1.880374 -0.314997  34 1 0 1.614512 -1.782216 -0.177724  35 1 0 2.480200 2.330596 -1.572276  36 1 0 4.820234 2.823515 -2.068457  37 1 0 6.613829 1.319680 -1.255666  38 1 0 2.666607 -1.348835 1.590874  39 1 0 4.479740 -2.675569 2.511274  40 1 0 6.823468 -2.343151 1.731721  41 1 0 7.318837 -0.559945 0.093514  42 1 0 -6.577225 -1.218439 -1.466573  43 1 0 -4.742746 -2.395402 -2.638427  44 1 0 -2.396074 -1.921764 -2.058619  45 1 0 -2.646564 1.132975 1.679773  46 1 0 -4.489667 2.196850 2.876457  47 1 0 -6.845315 1.828289 2.160369  48 1 0 -7.329195 0.321426 0.264591  49 1 0 1.703703 3.035710 0.524385  50 1 0 1.318769 5.209146 0.476252  51 1 0 -1.843141 -2.926218 0.215122  52 1 0 -1.468900 -5.101128 0.232684  53 1 0 0.379311 5.699320 -0.962220  54 1 0 -0.423716 5.579763 0.594176  55 1 0 -0.227008 -5.583381 -0.957639  56 1 0 0.198155 -5.487623 0.742879 |
| TM\_NP\_model\_scan\_m\_20\_m\_50 | 1 6 0 -1.403006 -0.197044 -0.330833  2 6 0 -0.912715 1.109514 -0.309163  3 6 0 0.446398 1.413395 -0.209665  4 6 0 1.406929 0.366189 -0.126356  5 6 0 0.901793 -0.939817 -0.180308  6 6 0 -0.460941 -1.245909 -0.247085  7 6 0 2.865186 0.568900 -0.378472  8 6 0 3.291253 1.675204 -1.098527  9 6 0 4.649650 1.914019 -1.387562  10 6 0 5.614139 1.063192 -0.917072  11 6 0 5.258390 -0.024896 -0.081093  12 6 0 3.879075 -0.254782 0.244848  13 6 0 3.604723 -1.245735 1.228145  14 6 0 4.603597 -2.012741 1.779969  15 6 0 5.946805 -1.838306 1.386073  16 6 0 6.262372 -0.854676 0.483811  17 6 0 -2.853911 -0.426129 -0.591382  18 6 0 -3.873776 0.127352 0.255287  19 6 0 -5.250172 -0.091825 -0.082963  20 6 0 -5.575257 -0.868594 -1.223851  21 6 0 -4.585120 -1.421644 -1.994902  22 6 0 -3.229527 -1.204078 -1.671803  23 6 0 -3.587490 0.854012 1.443270  24 6 0 -4.594447 1.363458 2.227510  25 6 0 -5.948140 1.174108 1.871623  26 6 0 -6.264222 0.457953 0.744504  27 6 0 0.804662 2.837625 -0.009414  28 7 0 0.047144 3.789397 -0.374393  29 6 0 0.450165 5.143918 -0.053970  30 6 0 -0.872313 -2.665611 -0.182373  31 7 0 -0.039747 -3.618922 -0.290236  32 6 0 -0.534777 -4.974926 -0.168822  33 1 0 -1.596191 1.945999 -0.383065  34 1 0 1.575207 -1.784100 -0.219536  35 1 0 2.556707 2.316839 -1.566341  36 1 0 4.917806 2.765079 -2.003175  37 1 0 6.660646 1.221816 -1.154704  38 1 0 2.592021 -1.385185 1.576212  39 1 0 4.355241 -2.752263 2.532893  40 1 0 6.723953 -2.460581 1.815112  41 1 0 7.294927 -0.677954 0.201064  42 1 0 -6.620277 -1.022686 -1.471266  43 1 0 -4.835403 -2.019850 -2.863696  44 1 0 -2.461713 -1.619805 -2.314172  45 1 0 -2.556527 0.997225 1.738288  46 1 0 -4.348560 1.911119 3.130378  47 1 0 -6.733010 1.586431 2.495611  48 1 0 -7.301177 0.292840 0.470952  49 1 0 1.748200 3.025925 0.520059  50 1 0 1.411510 5.207568 0.478506  51 1 0 -1.939445 -2.853026 -0.010744  52 1 0 -1.620272 -5.037736 0.001734  53 1 0 0.515990 5.728484 -0.977016  54 1 0 -0.325116 5.613867 0.559591  55 1 0 -0.285060 -5.531871 -1.077420  56 1 0 -0.017194 -5.474205 0.656585 |
| TM\_NP\_model\_scan\_m\_20\_m\_60 | 1 6 0 -1.404161 -0.123133 -0.415440  2 6 0 -0.890025 1.171507 -0.354945  3 6 0 0.474046 1.442207 -0.226432  4 6 0 1.408750 0.371161 -0.145433  5 6 0 0.876752 -0.922339 -0.232318  6 6 0 -0.491560 -1.195329 -0.329730  7 6 0 2.875585 0.546618 -0.368182  8 6 0 3.337480 1.656582 -1.059873  9 6 0 4.705516 1.872329 -1.320089  10 6 0 5.643558 0.993391 -0.847856  11 6 0 5.250203 -0.102381 -0.039257  12 6 0 3.860630 -0.309947 0.256928  13 6 0 3.547752 -1.315020 1.214131  14 6 0 4.520481 -2.113295 1.768328  15 6 0 5.874223 -1.958144 1.403468  16 6 0 6.226520 -0.963347 0.527446  17 6 0 -2.864450 -0.316696 -0.662747  18 6 0 -3.851025 0.115365 0.284181  19 6 0 -5.238766 -0.051573 -0.035020  20 6 0 -5.604437 -0.650792 -1.267253  21 6 0 -4.642864 -1.078648 -2.146910  22 6 0 -3.275511 -0.913078 -1.839739  23 6 0 -3.516427 0.678630 1.545659  24 6 0 -4.492136 1.075995 2.427945  25 6 0 -5.858729 0.930982 2.100273  26 6 0 -6.219576 0.376831 0.897538  27 6 0 0.860621 2.853280 0.010207  28 7 0 0.132265 3.829211 -0.350428  29 6 0 0.558402 5.167376 0.006746  30 6 0 -0.943886 -2.603258 -0.323749  31 7 0 -0.129950 -3.577313 -0.371377  32 6 0 -0.669414 -4.921042 -0.329645  33 1 0 -1.557534 2.022422 -0.411835  34 1 0 1.532385 -1.780200 -0.276805  35 1 0 2.624850 2.321989 -1.528401  36 1 0 5.002304 2.728670 -1.914895  37 1 0 6.697328 1.134613 -1.063357  38 1 0 2.525971 -1.441908 1.539803  39 1 0 4.242989 -2.863206 2.500499  40 1 0 6.630453 -2.604610 1.834126  41 1 0 7.267573 -0.802142 0.267495  42 1 0 -6.657679 -0.767625 -1.499858  43 1 0 -4.925230 -1.537986 -3.087438  44 1 0 -2.528566 -1.234403 -2.556953  45 1 0 -2.473351 0.788667 1.812623  46 1 0 -4.212317 1.501011 3.385347  47 1 0 -6.618638 1.252244 2.803671  48 1 0 -7.266716 0.252155 0.641930  49 1 0 1.797026 3.009243 0.562402  50 1 0 1.510326 5.198424 0.558655  51 1 0 -2.027197 -2.762865 -0.257876  52 1 0 -1.767338 -4.956733 -0.262618  53 1 0 0.654837 5.769814 -0.902015  54 1 0 -0.218304 5.641150 0.615565  55 1 0 -0.350194 -5.464569 -1.224550  56 1 0 -0.244490 -5.452814 0.527711 |
| TM\_NP\_model\_scan\_m\_20\_m\_70 | 1 6 0 -1.406587 -0.013836 -0.502817  2 6 0 -0.858644 1.261927 -0.388834  3 6 0 0.511298 1.486682 -0.230256  4 6 0 1.411419 0.385112 -0.168624  5 6 0 0.844256 -0.888370 -0.312283  6 6 0 -0.529717 -1.115681 -0.442047  7 6 0 2.887485 0.523342 -0.354532  8 6 0 3.398096 1.642085 -0.995852  9 6 0 4.777718 1.825229 -1.217339  10 6 0 5.678118 0.902929 -0.754675  11 6 0 5.233680 -0.207622 0.005813  12 6 0 3.831893 -0.383726 0.262048  13 6 0 3.466810 -1.412294 1.174842  14 6 0 4.402330 -2.257866 1.722933  15 6 0 5.768614 -2.129840 1.396336  16 6 0 6.170747 -1.116005 0.564737  17 6 0 -2.877513 -0.159443 -0.731176  18 6 0 -3.820230 0.102131 0.315350  19 6 0 -5.220703 -0.015546 0.033483  20 6 0 -5.639827 -0.392936 -1.267864  21 6 0 -4.717935 -0.648944 -2.250874  22 6 0 -3.337377 -0.532506 -1.978521  23 6 0 -3.426263 0.455969 1.634333  24 6 0 -4.360267 0.696418 2.613047  25 6 0 -5.740528 0.594003 2.328419  26 6 0 -6.157251 0.243756 1.068213  27 6 0 0.935165 2.875926 0.063372  28 7 0 0.245160 3.885707 -0.279236  29 6 0 0.703347 5.196662 0.134969  30 6 0 -1.028021 -2.505307 -0.517074  31 7 0 -0.245877 -3.506017 -0.533920  32 6 0 -0.831312 -4.829812 -0.590751  33 1 0 -1.503096 2.131989 -0.415772  34 1 0 1.475966 -1.762581 -0.378897  35 1 0 2.716723 2.344936 -1.456208  36 1 0 5.113566 2.692220 -1.774759  37 1 0 6.740446 1.019857 -0.940696  38 1 0 2.433968 -1.521476 1.470808  39 1 0 4.085305 -3.024862 2.420541  40 1 0 6.495149 -2.812852 1.821690  41 1 0 7.222098 -0.976505 0.335491  42 1 0 -6.702226 -0.476045 -1.471643  43 1 0 -5.041929 -0.936221 -3.244792  44 1 0 -2.621008 -0.724063 -2.769678  45 1 0 -2.371169 0.533116 1.864172  46 1 0 -4.037467 0.964849 3.612704  47 1 0 -6.467185 0.789133 3.109049  48 1 0 -7.215338 0.157384 0.843629  49 1 0 1.862628 2.983937 0.641495  50 1 0 1.641796 5.178197 0.709987  51 1 0 -2.118052 -2.627061 -0.546539  52 1 0 -1.931581 -4.827838 -0.610610  53 1 0 0.840603 5.827014 -0.749296  54 1 0 -0.073173 5.673131 0.741895  55 1 0 -0.460631 -5.348680 -1.480472  56 1 0 -0.493176 -5.410020 0.273731 |
| TM\_NP\_model\_scan\_m\_20\_m\_80 | 1 6 0 -1.404562 0.125062 -0.526160  2 6 0 -0.817785 1.373341 -0.337638  3 6 0 0.558267 1.542706 -0.158334  4 6 0 1.420454 0.409917 -0.152426  5 6 0 0.813246 -0.834643 -0.370388  6 6 0 -0.566076 -1.007140 -0.523115  7 6 0 2.901479 0.508416 -0.324072  8 6 0 3.453644 1.642041 -0.901510  9 6 0 4.839868 1.787881 -1.109684  10 6 0 5.705135 0.809866 -0.697199  11 6 0 5.218760 -0.323800 0.001014  12 6 0 3.810662 -0.463382 0.244625  13 6 0 3.405655 -1.525078 1.100791  14 6 0 4.308565 -2.430882 1.605665  15 6 0 5.679792 -2.334509 1.288984  16 6 0 6.120839 -1.293353 0.512671  17 6 0 -2.881099 0.040406 -0.760514  18 6 0 -3.805557 0.068691 0.332213  19 6 0 -5.210665 0.016565 0.054654  20 6 0 -5.651253 -0.064340 -1.291212  21 6 0 -4.745709 -0.096132 -2.321018  22 6 0 -3.359896 -0.044941 -2.051817  23 6 0 -3.386916 0.135844 1.688490  24 6 0 -4.303295 0.156933 2.712241  25 6 0 -5.688477 0.112555 2.435884  26 6 0 -6.128316 0.043590 1.137153  27 6 0 1.026348 2.898109 0.214513  28 7 0 0.373505 3.948281 -0.075712  29 6 0 0.872926 5.217649 0.413757  30 6 0 -1.112844 -2.368245 -0.701494  31 7 0 -0.371675 -3.399468 -0.723342  32 6 0 -1.003657 -4.691334 -0.896836  33 1 0 -1.434344 2.263471 -0.315814  34 1 0 1.417047 -1.723552 -0.484636  35 1 0 2.799603 2.393004 -1.324027  36 1 0 5.208409 2.671683 -1.617864  37 1 0 6.771608 0.898761 -0.874821  38 1 0 2.368291 -1.613055 1.388052  39 1 0 3.961925 -3.221653 2.261384  40 1 0 6.380032 -3.064318 1.679273  41 1 0 7.177365 -1.179403 0.293282  42 1 0 -6.716991 -0.100883 -1.491249  43 1 0 -5.086300 -0.156964 -3.348484  44 1 0 -2.655914 -0.063065 -2.876306  45 1 0 -2.327320 0.171339 1.908823  46 1 0 -3.963224 0.208036 3.740501  47 1 0 -6.401002 0.131869 3.252844  48 1 0 -7.190455 0.006795 0.918157  49 1 0 1.952502 2.942217 0.802995  50 1 0 1.804920 5.134388 0.993551  51 1 0 -2.202704 -2.440305 -0.808514  52 1 0 -2.099067 -4.640536 -0.988162  53 1 0 1.039861 5.890664 -0.433190  54 1 0 0.107944 5.686731 1.040736  55 1 0 -0.594625 -5.173849 -1.790207  56 1 0 -0.747570 -5.333827 -0.048381 |
| TM\_NP\_model\_scan\_m\_20\_m\_90 | 1 6 0 -1.402706 0.276320 -0.529921  2 6 0 -0.772767 1.489710 -0.270719  3 6 0 0.608514 1.598961 -0.080296  4 6 0 1.429376 0.437749 -0.138985  5 6 0 0.779328 -0.769001 -0.435130  6 6 0 -0.604165 -0.882421 -0.599850  7 6 0 2.914100 0.492011 -0.297513  8 6 0 3.511801 1.636997 -0.802716  9 6 0 4.903951 1.743420 -0.994548  10 6 0 5.729449 0.710388 -0.638402  11 6 0 5.196502 -0.444758 -0.013258  12 6 0 3.782590 -0.545826 0.215246  13 6 0 3.332588 -1.641123 1.004019  14 6 0 4.197682 -2.609164 1.456870  15 6 0 5.573523 -2.545774 1.152029  16 6 0 6.058250 -1.477037 0.442074  17 6 0 -2.884402 0.252858 -0.747399  18 6 0 -3.785021 0.033855 0.343537  19 6 0 -5.195558 0.036536 0.091302  20 6 0 -5.665017 0.256270 -1.229284  21 6 0 -4.782020 0.464064 -2.258112  22 6 0 -3.390333 0.461100 -2.013708  23 6 0 -3.336316 -0.188990 1.673196  24 6 0 -4.229740 -0.398179 2.696135  25 6 0 -5.620385 -0.394752 2.445316  26 6 0 -6.088949 -0.181555 1.172423  27 6 0 1.122899 2.912093 0.373920  28 7 0 0.508961 4.000320 0.145563  29 6 0 1.051061 5.219892 0.710385  30 6 0 -1.197885 -2.205352 -0.883722  31 7 0 -0.500551 -3.265909 -0.928327  32 6 0 -1.174421 -4.515076 -1.218178  33 1 0 -1.358067 2.397442 -0.192286  34 1 0 1.352303 -1.669091 -0.606324  35 1 0 2.888985 2.436020 -1.182084  36 1 0 5.308610 2.642139 -1.445923  37 1 0 6.799745 0.770084 -0.804889  38 1 0 2.290957 -1.706808 1.281526  39 1 0 3.817545 -3.424259 2.062301  40 1 0 6.243425 -3.323768 1.500208  41 1 0 7.119690 -1.390154 0.234301  42 1 0 -6.734730 0.257632 -1.410630  43 1 0 -5.144847 0.632727 -3.265727  44 1 0 -2.704055 0.628183 -2.836333  45 1 0 -2.272250 -0.189479 1.874555  46 1 0 -3.867202 -0.565636 3.704139  47 1 0 -6.314675 -0.559900 3.261518  48 1 0 -7.155649 -0.176665 0.973377  49 1 0 2.047685 2.887721 0.965633  50 1 0 1.977936 5.069804 1.284970  51 1 0 -2.282073 -2.221058 -1.053667  52 1 0 -2.259644 -4.409745 -1.366589  53 1 0 1.244045 5.935860 -0.094776  54 1 0 0.301169 5.677545 1.363513  55 1 0 -0.734570 -4.959921 -2.116455  56 1 0 -0.994765 -5.218855 -0.399272 |
| TM\_NP\_model\_scan\_m\_20\_m\_100 | 1 6 0 -1.398193 0.398301 -0.493997  2 6 0 -0.730617 1.578893 -0.182498  3 6 0 0.653944 1.638163 0.006620  4 6 0 1.439725 0.457691 -0.111177  5 6 0 0.752723 -0.714016 -0.461633  6 6 0 -0.633619 -0.778743 -0.624982  7 6 0 2.924811 0.476970 -0.273652  8 6 0 3.552689 1.627907 -0.726301  9 6 0 4.946556 1.705212 -0.918774  10 6 0 5.744085 0.633442 -0.617423  11 6 0 5.180854 -0.536534 -0.049039  12 6 0 3.765429 -0.609650 0.181009  13 6 0 3.287173 -1.732108 0.912918  14 6 0 4.125871 -2.747093 1.309093  15 6 0 5.501954 -2.706236 1.001499  16 6 0 6.014504 -1.615206 0.347194  17 6 0 -2.881253 0.429640 -0.693006  18 6 0 -3.777696 -0.005627 0.335730  19 6 0 -5.189522 0.054551 0.097544  20 6 0 -5.665048 0.547796 -1.144742  21 6 0 -4.786873 0.969603 -2.110091  22 6 0 -3.394199 0.909852 -1.880474  23 6 0 -3.325159 -0.487393 1.593621  24 6 0 -4.215335 -0.896352 2.557435  25 6 0 -5.606773 -0.843758 2.317313  26 6 0 -6.079307 -0.377307 1.115532  27 6 0 1.207855 2.912476 0.521250  28 7 0 0.626029 4.027906 0.346339  29 6 0 1.204760 5.203133 0.966230  30 6 0 -1.263373 -2.064499 -0.990560  31 7 0 -0.605213 -3.149243 -1.046695  32 6 0 -1.310039 -4.356302 -1.427793  33 1 0 -1.289090 2.497650 -0.054063  34 1 0 1.298561 -1.620203 -0.682002  35 1 0 2.951053 2.461340 -1.063364  36 1 0 5.374640 2.613556 -1.327261  37 1 0 6.815134 0.671694 -0.785372  38 1 0 2.245036 -1.783200 1.191521  39 1 0 3.724583 -3.582497 1.871645  40 1 0 6.150664 -3.520312 1.304365  41 1 0 7.077229 -1.547508 0.138839  42 1 0 -6.735644 0.588381 -1.316083  43 1 0 -5.154270 1.349652 -3.056644  44 1 0 -2.711322 1.242512 -2.654081  45 1 0 -2.260917 -0.523488 1.790511  46 1 0 -3.849306 -1.258861 3.511477  47 1 0 -6.298335 -1.169050 3.086340  48 1 0 -7.146699 -0.329512 0.926181  49 1 0 2.132362 2.832856 1.108584  50 1 0 2.127867 4.999300 1.530154  51 1 0 -2.337260 -2.030309 -1.214628  52 1 0 -2.380825 -4.200195 -1.627088  53 1 0 1.417284 5.950227 0.194952  54 1 0 0.469818 5.651474 1.642424  55 1 0 -0.840156 -4.779281 -2.321432  56 1 0 -1.201683 -5.101699 -0.633555 |
| TM\_NP\_model\_scan\_m\_20\_m\_110 | 1 6 0 -1.394054 0.499918 -0.448634  2 6 0 -0.691351 1.651903 -0.105531  3 6 0 0.696012 1.670449 0.069689  4 6 0 1.449639 0.474771 -0.091710  5 6 0 0.729503 -0.665475 -0.479020  6 6 0 -0.658596 -0.689487 -0.634371  7 6 0 2.933772 0.459310 -0.261531  8 6 0 3.591140 1.607108 -0.678956  9 6 0 4.986068 1.653522 -0.873418  10 6 0 5.755579 0.551988 -0.608762  11 6 0 5.162626 -0.620657 -0.077276  12 6 0 3.746159 -0.664087 0.153768  13 6 0 3.239347 -1.798318 0.847311  14 6 0 4.051574 -2.848011 1.206567  15 6 0 5.428024 -2.832427 0.898391  16 6 0 5.968273 -1.733454 0.280688  17 6 0 -2.877833 0.578414 -0.612643  18 6 0 -3.770934 -0.040081 0.322791  19 6 0 -5.184030 0.074412 0.112625  20 6 0 -5.666006 0.808795 -1.001194  21 6 0 -4.792257 1.412691 -1.868926  22 6 0 -3.398926 1.296553 -1.670517  23 6 0 -3.316418 -0.749444 1.467322  24 6 0 -4.203946 -1.332139 2.339961  25 6 0 -5.596006 -1.234788 2.119185  26 6 0 -6.071209 -0.543678 1.032396  27 6 0 1.286556 2.914476 0.616893  28 7 0 0.735155 4.049685 0.473384  29 6 0 1.348313 5.191893 1.121355  30 6 0 -1.315734 -1.940638 -1.067400  31 7 0 -0.695121 -3.047448 -1.118980  32 6 0 -1.419403 -4.215394 -1.577853  33 1 0 -1.225161 2.578166 0.065863  34 1 0 1.251212 -1.575262 -0.739154  35 1 0 3.011062 2.466778 -0.986558  36 1 0 5.437238 2.562842 -1.253936  37 1 0 6.826956 0.567443 -0.778289  38 1 0 2.196326 -1.832422 1.125261  39 1 0 3.628927 -3.691726 1.740338  40 1 0 6.055494 -3.673028 1.172184  41 1 0 7.032144 -1.686505 0.072510  42 1 0 -6.737621 0.888656 -1.150757  43 1 0 -5.163707 1.978333 -2.715918  44 1 0 -2.720147 1.769651 -2.371144  45 1 0 -2.252411 -0.821890 1.653658  46 1 0 -3.834584 -1.866627 3.207958  47 1 0 -6.285536 -1.700747 2.814089  48 1 0 -7.139152 -0.455462 0.861602  49 1 0 2.210131 2.794143 1.198708  50 1 0 2.266415 4.947637 1.677278  51 1 0 -2.372930 -1.859793 -1.350234  52 1 0 -2.468808 -4.012242 -1.838757  53 1 0 1.580428 5.951991 0.368616  54 1 0 0.627894 5.643643 1.810753  55 1 0 -0.910084 -4.633045 -2.452142  56 1 0 -1.389602 -4.984932 -0.799959 |
| TM\_NP\_model\_scan\_m\_20\_m\_120 | 1 6 0 -1.392157 0.547323 -0.442419  2 6 0 -0.672207 1.687451 -0.090708  3 6 0 0.714686 1.687583 0.084499  4 6 0 1.453471 0.483727 -0.084580  5 6 0 0.718175 -0.644607 -0.478079  6 6 0 -0.670030 -0.650586 -0.632655  7 6 0 2.936931 0.451626 -0.254973  8 6 0 3.606934 1.594720 -0.665536  9 6 0 5.001822 1.626300 -0.862595  10 6 0 5.758676 0.513319 -0.609437  11 6 0 5.152874 -0.657019 -0.087457  12 6 0 3.736611 -0.685448 0.147347  13 6 0 3.217733 -1.820745 0.830066  14 6 0 4.017875 -2.884449 1.175077  15 6 0 5.393561 -2.882461 0.863143  16 6 0 5.945731 -1.783396 0.256235  17 6 0 -2.876650 0.646045 -0.567971  18 6 0 -3.765000 -0.078505 0.296116  19 6 0 -5.179688 0.082062 0.126628  20 6 0 -5.669009 0.969836 -0.865374  21 6 0 -4.800589 1.686916 -1.647920  22 6 0 -3.407389 1.527658 -1.490646  23 6 0 -3.308671 -0.923476 1.344312  24 6 0 -4.193726 -1.596140 2.152393  25 6 0 -5.586765 -1.460931 1.960935  26 6 0 -6.064390 -0.636456 0.973080  27 6 0 1.319805 2.918477 0.645594  28 7 0 0.781607 4.061673 0.516120  29 6 0 1.407578 5.188136 1.179450  30 6 0 -1.333640 -1.885058 -1.103839  31 7 0 -0.736414 -3.005393 -1.130194  32 6 0 -1.459447 -4.152447 -1.641114  33 1 0 -1.194310 2.617301 0.095934  34 1 0 1.228573 -1.558045 -0.747334  35 1 0 3.036369 2.463663 -0.964746  36 1 0 5.462962 2.533398 -1.236406  37 1 0 6.829730 0.517402 -0.781630  38 1 0 2.175100 -1.845231 1.110548  39 1 0 3.586203 -3.728901 1.700383  40 1 0 6.011261 -3.733872 1.125517  41 1 0 7.009503 -1.747293 0.045417  42 1 0 -6.741675 1.080000 -0.985157  43 1 0 -5.176658 2.375462 -2.396074  44 1 0 -2.733718 2.089693 -2.127538  45 1 0 -2.244903 -1.027089 1.514230  46 1 0 -3.820640 -2.230685 2.948450  47 1 0 -6.274274 -2.000369 2.602621  48 1 0 -7.132786 -0.512968 0.829211  49 1 0 2.241600 2.780404 1.226256  50 1 0 2.322589 4.925788 1.732174  51 1 0 -2.371283 -1.777440 -1.444219  52 1 0 -2.486960 -3.922779 -1.960531  53 1 0 1.648545 5.955750 0.437221  54 1 0 0.692175 5.638515 1.874960  55 1 0 -0.909775 -4.574853 -2.488260  56 1 0 -1.492609 -4.928545 -0.869944 |
| TM\_NP\_model\_scan\_m\_20\_m\_130 | 1 6 0 -1.390890 0.593912 -0.429136  2 6 0 -0.650663 1.722115 -0.074936  3 6 0 0.736957 1.706303 0.088402  4 6 0 1.459340 0.492908 -0.080748  5 6 0 0.707137 -0.623628 -0.476027  6 6 0 -0.680960 -0.611451 -0.629066  7 6 0 2.941516 0.438237 -0.253403  8 6 0 3.629214 1.569980 -0.666125  9 6 0 5.024364 1.579027 -0.863787  10 6 0 5.763838 0.455018 -0.607836  11 6 0 5.139991 -0.704447 -0.082819  12 6 0 3.723386 -0.710414 0.151259  13 6 0 3.186450 -1.835954 0.836096  14 6 0 3.969984 -2.910723 1.184941  15 6 0 5.345912 -2.930410 0.874659  16 6 0 5.915295 -1.841771 0.264858  17 6 0 -2.876081 0.713030 -0.505928  18 6 0 -3.762468 -0.107614 0.274275  19 6 0 -5.177803 0.092404 0.151645  20 6 0 -5.671235 1.121155 -0.689923  21 6 0 -4.804856 1.939738 -1.368150  22 6 0 -3.413489 1.737900 -1.264961  23 6 0 -3.308796 -1.079444 1.208152  24 6 0 -4.193485 -1.842343 1.932071  25 6 0 -5.586605 -1.677215 1.768729  26 6 0 -6.062790 -0.725236 0.902974  27 6 0 1.360050 2.931757 0.641909  28 7 0 0.837135 4.081253 0.505604  29 6 0 1.480334 5.203989 1.158806  30 6 0 -1.347797 -1.828637 -1.141678  31 7 0 -0.771211 -2.959789 -1.155327  32 6 0 -1.490029 -4.085597 -1.717231  33 1 0 -1.158704 2.656009 0.128104  34 1 0 1.205416 -1.541602 -0.752482  35 1 0 3.072264 2.447136 -0.967071  36 1 0 5.499606 2.477775 -1.240094  37 1 0 6.834826 0.442103 -0.779997  38 1 0 2.143166 -1.843858 1.115221  39 1 0 3.525011 -3.747060 1.712135  40 1 0 5.950376 -3.790211 1.140485  41 1 0 6.979682 -1.822497 0.054961  42 1 0 -6.744071 1.259544 -0.772830  43 1 0 -5.181669 2.740027 -1.994846  44 1 0 -2.744648 2.377639 -1.829384  45 1 0 -2.246311 -1.210371 1.362436  46 1 0 -3.818607 -2.571682 2.641324  47 1 0 -6.274164 -2.290782 2.339846  48 1 0 -7.130796 -0.571905 0.787861  49 1 0 2.281156 2.785098 1.221448  50 1 0 2.392791 4.933125 1.711609  51 1 0 -2.365830 -1.696366 -1.529292  52 1 0 -2.497950 -3.832601 -2.078600  53 1 0 1.730556 5.962080 0.409860  54 1 0 0.772943 5.670003 1.852138  55 1 0 -0.909930 -4.504429 -2.545649  56 1 0 -1.571527 -4.872956 -0.961256 |
| TM\_NP\_model\_scan\_m\_20\_m\_140 | 1 6 0 -1.393289 0.622587 -0.459192  2 6 0 -0.640263 1.745690 -0.108252  3 6 0 0.746100 1.721197 0.058369  4 6 0 1.459707 0.500380 -0.092931  5 6 0 0.699105 -0.612235 -0.481802  6 6 0 -0.687953 -0.589967 -0.641891  7 6 0 2.942086 0.430563 -0.253476  8 6 0 3.643389 1.551780 -0.672332  9 6 0 5.039960 1.545757 -0.859461  10 6 0 5.766842 0.417315 -0.587193  11 6 0 5.128223 -0.731254 -0.056042  12 6 0 3.709955 -0.721662 0.167408  13 6 0 3.157048 -1.835690 0.858227  14 6 0 3.927591 -2.914653 1.222731  15 6 0 5.305612 -2.950142 0.923287  16 6 0 5.890003 -1.872592 0.308000  17 6 0 -2.879891 0.747908 -0.480266  18 6 0 -3.754244 -0.134518 0.250025  19 6 0 -5.170869 0.090732 0.190992  20 6 0 -5.677505 1.209467 -0.516082  21 6 0 -4.820439 2.096365 -1.115463  22 6 0 -3.430935 1.868992 -1.080162  23 6 0 -3.291704 -1.183373 1.092216  24 6 0 -4.166463 -2.000400 1.767662  25 6 0 -5.561360 -1.817898 1.646974  26 6 0 -6.046765 -0.787647 0.882551  27 6 0 1.375643 2.946445 0.605433  28 7 0 0.861901 4.098688 0.458072  29 6 0 1.510378 5.221379 1.106247  30 6 0 -1.348915 -1.797824 -1.186238  31 7 0 -0.783562 -2.934507 -1.190507  32 6 0 -1.491506 -4.046313 -1.792849  33 1 0 -1.138420 2.683495 0.099004  34 1 0 1.190483 -1.536179 -0.750580  35 1 0 3.096950 2.431354 -0.985377  36 1 0 5.526572 2.436296 -1.240705  37 1 0 6.838921 0.392759 -0.751070  38 1 0 2.111661 -1.830925 1.129439  39 1 0 3.470680 -3.741941 1.753980  40 1 0 5.899798 -3.813151 1.201587  41 1 0 6.956094 -1.865354 0.106170  42 1 0 -6.750716 1.363687 -0.552188  43 1 0 -5.203759 2.970402 -1.629515  44 1 0 -2.775339 2.563263 -1.592902  45 1 0 -2.228961 -1.331396 1.221603  46 1 0 -3.780585 -2.785872 2.407686  47 1 0 -6.241356 -2.476311 2.175576  48 1 0 -7.115241 -0.613834 0.808407  49 1 0 2.293430 2.797344 1.189577  50 1 0 2.419363 4.948009 1.663434  51 1 0 -2.349936 -1.651017 -1.611513  52 1 0 -2.482304 -3.778505 -2.189069  53 1 0 1.767553 5.973361 0.353521  54 1 0 0.803938 5.696084 1.794715  55 1 0 -0.884524 -4.461607 -2.603606  56 1 0 -1.609904 -4.841582 -1.050082 |
| TM\_NP\_model\_scan\_m\_20\_p\_20 | 1 6 0 1.400326 0.368083 -0.039737  2 6 0 0.964401 -0.938694 0.222156  3 6 0 -0.374833 -1.331801 0.232709  4 6 0 -1.400331 -0.367889 0.039874  5 6 0 -0.964394 0.938903 -0.221816  6 6 0 0.374874 1.332014 -0.232295  7 6 0 -2.814031 -0.721303 -0.277679  8 6 0 -3.108566 -1.971521 -0.802012  9 6 0 -4.419727 -2.361645 -1.139093  10 6 0 -5.470374 -1.512144 -0.914271  11 6 0 -5.254140 -0.261126 -0.283715  12 6 0 -3.924579 0.130316 0.091144  13 6 0 -3.794028 1.313189 0.870777  14 6 0 -4.880887 2.095944 1.182318  15 6 0 -6.172852 1.745504 0.737614  16 6 0 -6.350899 0.583753 0.030536  17 6 0 2.814107 0.721361 0.277506  18 6 0 3.924470 -0.130432 -0.091593  19 6 0 5.254170 0.260829 0.282973  20 6 0 5.470702 1.511806 0.913520  21 6 0 4.420215 2.361426 1.138632  22 6 0 3.108924 1.971494 0.801824  23 6 0 3.793607 -1.313315 -0.871165  24 6 0 4.880314 -2.096168 -1.183003  25 6 0 6.172425 -1.745871 -0.738626  26 6 0 6.350763 -0.584165 -0.031545  27 6 0 -0.659833 -2.714786 0.682357  28 7 0 0.183843 -3.655902 0.556357  29 6 0 -0.153577 -4.952558 1.109516  30 6 0 0.659852 2.715111 -0.681607  31 7 0 -0.183577 3.656320 -0.554677  32 6 0 0.153665 4.953129 -1.107610  33 1 0 1.678876 -1.698004 0.504236  34 1 0 -1.678817 1.698277 -0.503833  35 1 0 -2.298615 -2.633626 -1.077461  36 1 0 -4.582715 -3.331168 -1.595858  37 1 0 -6.481106 -1.791502 -1.192138  38 1 0 -2.825090 1.597870 1.253506  39 1 0 -4.741886 2.986584 1.784620  40 1 0 -7.019793 2.378685 0.976490  41 1 0 -7.343029 0.277660 -0.284646  42 1 0 6.481529 1.791007 1.191201  43 1 0 4.583418 3.330893 1.595441  44 1 0 2.299105 2.633648 1.077590  45 1 0 2.824537 -1.597948 -1.253600  46 1 0 4.741058 -2.986791 -1.785270  47 1 0 7.019236 -2.379156 -0.977693  48 1 0 7.342998 -0.278198 0.283427  49 1 0 -1.628570 -2.872733 1.174646  50 1 0 -1.148532 -4.989802 1.578726  51 1 0 1.628270 2.873095 -1.174541  52 1 0 1.148291 4.990376 -1.577511  53 1 0 -0.105414 -5.706636 0.317600  54 1 0 0.598412 -5.231705 1.854396  55 1 0 -0.598804 5.232664 -1.851855  56 1 0 0.106180 5.706918 -0.315377 |
| TM\_NP\_model\_scan\_m\_20\_p\_30 | 1 6 0 -1.398170 -0.336542 0.045218  2 6 0 -0.951547 0.964810 0.303692  3 6 0 0.392917 1.339981 0.294263  4 6 0 1.401946 0.365259 0.064736  5 6 0 0.947653 -0.932651 -0.209686  6 6 0 -0.396629 -1.310380 -0.195034  7 6 0 2.813133 0.708083 -0.277470  8 6 0 3.111484 1.962866 -0.788259  9 6 0 4.420202 2.344348 -1.144383  10 6 0 5.465642 1.480623 -0.952388  11 6 0 5.247755 0.222545 -0.336569  12 6 0 3.921294 -0.160633 0.057484  13 6 0 3.793002 -1.353666 0.821941  14 6 0 4.877211 -2.151873 1.101844  15 6 0 6.164261 -1.808241 0.638028  16 6 0 6.341193 -0.638140 -0.055421  17 6 0 -2.818759 -0.680976 0.333918  18 6 0 -3.917436 0.136330 -0.121581  19 6 0 -5.255906 -0.239067 0.235062  20 6 0 -5.481662 -1.434987 0.962067  21 6 0 -4.431254 -2.245783 1.304908  22 6 0 -3.112220 -1.873227 0.977161  23 6 0 -3.758230 1.273985 -0.960064  24 6 0 -4.836201 2.027204 -1.361061  25 6 0 -6.143744 1.687748 -0.952792  26 6 0 -6.344467 0.572259 -0.179861  27 6 0 0.705634 2.713426 0.755030  28 7 0 -0.127054 3.667553 0.657514  29 6 0 0.239789 4.952381 1.219483  30 6 0 -0.721399 -2.688322 -0.629361  31 7 0 0.122363 -3.635414 -0.560419  32 6 0 -0.262582 -4.930829 -1.084385  33 1 0 -1.659168 1.730172 0.590401  34 1 0 1.647894 -1.694595 -0.519386  35 1 0 2.303796 2.637567 -1.038551  36 1 0 4.584895 3.319002 -1.589480  37 1 0 6.473963 1.753551 -1.245026  38 1 0 2.828333 -1.634074 1.218341  39 1 0 4.740108 -3.049747 1.693763  40 1 0 7.008826 -2.453503 0.851652  41 1 0 7.330391 -0.337667 -0.384906  42 1 0 -6.499065 -1.702899 1.226645  43 1 0 -4.602741 -3.169733 1.845396  44 1 0 -2.300127 -2.499839 1.323666  45 1 0 -2.772026 1.545974 -1.308121  46 1 0 -4.679392 2.885950 -2.003955  47 1 0 -6.984357 2.296221 -1.266639  48 1 0 -7.346954 0.280791 0.115804  49 1 0 1.685796 2.851879 1.230333  50 1 0 1.243520 4.969213 1.670929  51 1 0 -1.723215 -2.840095 -1.051678  52 1 0 -1.286869 -4.960786 -1.486064  53 1 0 0.188899 5.716404 0.437319  54 1 0 -0.494382 5.233963 1.981018  55 1 0 0.435774 -5.219715 -1.876270  56 1 0 -0.168524 -5.682187 -0.293970 |
| TM\_NP\_model\_scan\_m\_20\_p\_40 | 1 6 0 -1.396566 -0.307784 0.135749  2 6 0 -0.937825 0.987763 0.390853  3 6 0 0.411142 1.345879 0.358914  4 6 0 1.402865 0.361506 0.092894  5 6 0 0.929564 -0.927526 -0.190901  6 6 0 -0.418986 -1.290005 -0.149704  7 6 0 2.810407 0.693822 -0.276185  8 6 0 3.112215 1.952311 -0.775473  9 6 0 4.417368 2.324539 -1.153929  10 6 0 5.456871 1.446915 -0.996240  11 6 0 5.237886 0.182941 -0.393021  12 6 0 3.915750 -0.191225 0.023727  13 6 0 3.790602 -1.392880 0.775180  14 6 0 4.871633 -2.206099 1.022061  15 6 0 6.152332 -1.870289 0.535491  16 6 0 6.327413 -0.693139 -0.146384  17 6 0 -2.825955 -0.638627 0.394279  18 6 0 -3.905234 0.140612 -0.154112  19 6 0 -5.254785 -0.210459 0.183437  20 6 0 -5.502284 -1.338220 1.006437  21 6 0 -4.462437 -2.104055 1.466673  22 6 0 -3.132993 -1.756512 1.152016  23 6 0 -3.710038 1.221070 -1.057567  24 6 0 -4.771700 1.939742 -1.553325  25 6 0 -6.094831 1.619010 -1.179664  26 6 0 -6.326528 0.561910 -0.336147  27 6 0 0.751430 2.710396 0.826776  28 7 0 -0.070040 3.676486 0.756072  29 6 0 0.326140 4.950743 1.322072  30 6 0 -0.780649 -2.664151 -0.563033  31 7 0 0.061081 -3.615599 -0.552075  32 6 0 -0.368494 -4.911477 -1.038464  33 1 0 -1.637308 1.759467 0.683308  34 1 0 1.614585 -1.692474 -0.526428  35 1 0 2.307237 2.639360 -0.999423  36 1 0 4.583469 3.303580 -1.588767  37 1 0 6.461810 1.712878 -1.306397  38 1 0 2.831356 -1.668063 1.188020  39 1 0 4.737183 -3.110015 1.605341  40 1 0 6.994086 -2.527282 0.722829  41 1 0 7.312688 -0.398982 -0.492882  42 1 0 -6.527897 -1.589111 1.255714  43 1 0 -4.651872 -2.972295 2.087604  44 1 0 -2.327226 -2.346463 1.572012  45 1 0 -2.707389 1.475519 -1.372075  46 1 0 -4.590969 2.756786 -2.242629  47 1 0 -6.922919 2.198805 -1.571453  48 1 0 -7.340135 0.290681 -0.059729  49 1 0 1.742931 2.830942 1.283087  50 1 0 1.338404 4.949148 1.754409  51 1 0 -1.811438 -2.812031 -0.909158  52 1 0 -1.419530 -4.937493 -1.363909  53 1 0 0.271610 5.722330 0.547580  54 1 0 -0.389338 5.236296 2.099754  55 1 0 0.268672 -5.209527 -1.877188  56 1 0 -0.221163 -5.658510 -0.252054 |
| TM\_NP\_model\_scan\_m\_20\_p\_50 | 1 6 0 1.397106 -0.273952 -0.238839  2 6 0 0.921498 1.015080 -0.486378  3 6 0 -0.432153 1.353033 -0.430261  4 6 0 -1.403152 0.356646 -0.130635  5 6 0 -0.907336 -0.923923 0.152129  6 6 0 0.445454 -1.267866 0.080503  7 6 0 -2.805287 0.675123 0.272001  8 6 0 -3.109414 1.934252 0.768115  9 6 0 -4.408430 2.293896 1.178628  10 6 0 -5.440447 1.401728 1.058176  11 6 0 -5.221813 0.134893 0.460864  12 6 0 -3.907062 -0.226328 0.010605  13 6 0 -3.787549 -1.433208 -0.733358  14 6 0 -4.864260 -2.262655 -0.942026  15 6 0 -6.134898 -1.939020 -0.421966  16 6 0 -6.306140 -0.757648 0.253559  17 6 0 2.837273 -0.580374 -0.472375  18 6 0 3.885832 0.144075 0.191259  19 6 0 5.250009 -0.170362 -0.120958  20 6 0 5.535738 -1.200871 -1.052229  21 6 0 4.519374 -1.905512 -1.644922  22 6 0 3.175660 -1.596316 -1.348573  23 6 0 3.640490 1.138412 1.177106  24 6 0 4.674411 1.805736 1.789089  25 6 0 6.015386 1.515549 1.454336  26 6 0 6.292472 0.545342 0.524204  27 6 0 -0.803874 2.708340 -0.901069  28 7 0 0.004292 3.687207 -0.859594  29 6 0 -0.425253 4.950194 -1.426333  30 6 0 0.845187 -2.638561 0.466278  31 7 0 0.010376 -3.594651 0.520688  32 6 0 0.485594 -4.890326 0.962722  33 1 0 1.609542 1.796263 -0.782863  34 1 0 -1.573859 -1.695717 0.508763  35 1 0 -2.307500 2.633264 0.964178  36 1 0 -4.574977 3.274977 1.608679  37 1 0 -6.439785 1.657845 1.393676  38 1 0 -2.836758 -1.699420 -1.170871  39 1 0 -4.734527 -3.170163 -1.520787  40 1 0 -6.972823 -2.608728 -0.578975  41 1 0 -7.284991 -0.472994 0.625284  42 1 0 6.571997 -1.425406 -1.282023  43 1 0 4.739737 -2.696132 -2.353213  44 1 0 2.386362 -2.140745 -1.854084  45 1 0 2.620412 1.366998 1.455120  46 1 0 4.458864 2.558670 2.538757  47 1 0 6.821624 2.053156 1.940538  48 1 0 7.319576 0.303317 0.271421  49 1 0 -1.808002 2.809841 -1.333925  50 1 0 -1.447316 4.929284 -1.834455  51 1 0 1.901653 -2.781785 0.725425  52 1 0 1.560098 -4.911916 1.199631  53 1 0 -0.364568 5.729069 -0.659613  54 1 0 0.267072 5.240396 -2.223035  55 1 0 -0.078359 -5.196093 1.849719  56 1 0 0.277369 -5.634128 0.187097 |
| TM\_NP\_model\_scan\_m\_20\_p\_60 | 1 6 0 1.398627 -0.231704 -0.336133  2 6 0 0.902932 1.050884 -0.569115  3 6 0 -0.455152 1.366758 -0.486738  4 6 0 -1.403474 0.355203 -0.163994  5 6 0 -0.883104 -0.917570 0.108981  6 6 0 0.473500 -1.239989 0.007243  7 6 0 -2.800861 0.653262 0.271263  8 6 0 -3.112362 1.908030 0.773600  9 6 0 -4.406421 2.247870 1.215627  10 6 0 -5.426963 1.339492 1.121658  11 6 0 -5.203328 0.075691 0.519811  12 6 0 -3.894690 -0.265088 0.037006  13 6 0 -3.775043 -1.470047 -0.710046  14 6 0 -4.843323 -2.316537 -0.891542  15 6 0 -6.105289 -2.013093 -0.339150  16 6 0 -6.278167 -0.834185 0.340249  17 6 0 2.849371 -0.507341 -0.554202  18 6 0 3.863174 0.139550 0.228137  19 6 0 5.241092 -0.126005 -0.066795  20 6 0 5.570793 -1.027766 -1.110509  21 6 0 4.584097 -1.651923 -1.830422  22 6 0 3.226441 -1.390855 -1.547989  23 6 0 3.565530 1.014965 1.307683  24 6 0 4.566860 1.611849 2.035301  25 6 0 5.923337 1.365104 1.727554  26 6 0 6.248888 0.512768 0.702199  27 6 0 -0.859191 2.715815 -0.948658  28 7 0 -0.066054 3.707516 -0.927195  29 6 0 -0.529711 4.963359 -1.482633  30 6 0 0.909955 -2.607783 0.359861  31 7 0 0.088052 -3.569177 0.478330  32 6 0 0.605543 -4.864822 0.869516  33 1 0 1.577071 1.844323 -0.866253  34 1 0 -1.529664 -1.699887 0.479359  35 1 0 -2.316969 2.619629 0.949891  36 1 0 -4.577605 3.226749 1.648869  37 1 0 -6.421548 1.580223 1.481769  38 1 0 -2.831482 -1.720831 -1.171658  39 1 0 -4.713983 -3.221949 -1.473669  40 1 0 -6.936133 -2.696168 -0.474745  41 1 0 -7.251731 -0.564923 0.736509  42 1 0 6.616948 -1.217313 -1.326697  43 1 0 4.839019 -2.341625 -2.627095  44 1 0 2.459405 -1.873714 -2.143055  45 1 0 2.530998 1.208482 1.559403  46 1 0 4.314611 2.275523 2.854632  47 1 0 6.703592 1.845235 2.307327  48 1 0 7.288140 0.309250 0.465597  49 1 0 -1.875004 2.801072 -1.357121  50 1 0 -1.560711 4.925837 -1.866367  51 1 0 1.985178 -2.745833 0.529374  52 1 0 1.695582 -4.880484 1.019863  53 1 0 -0.463686 5.742744 -0.716858  54 1 0 0.138644 5.265452 -2.295234  55 1 0 0.115793 -5.182175 1.795614  56 1 0 0.341188 -5.603354 0.106018 |
| TM\_NP\_model\_scan\_m\_20\_p\_70 | 1 6 0 1.400599 -0.154958 -0.425508  2 6 0 0.874060 1.118967 -0.628128  3 6 0 -0.490189 1.400664 -0.517177  4 6 0 -1.407479 0.362388 -0.188849  5 6 0 -0.853001 -0.901738 0.055603  6 6 0 0.508626 -1.189818 -0.078683  7 6 0 -2.802098 0.621696 0.279921  8 6 0 -3.132298 1.861673 0.806288  9 6 0 -4.423808 2.163614 1.282243  10 6 0 -5.423859 1.231691 1.199167  11 6 0 -5.183672 -0.017819 0.574310  12 6 0 -3.878826 -0.319200 0.056435  13 6 0 -3.747810 -1.509366 -0.712081  14 6 0 -4.799073 -2.379254 -0.881681  15 6 0 -6.054409 -2.115668 -0.294800  16 6 0 -6.239863 -0.951458 0.406280  17 6 0 2.861182 -0.387963 -0.643723  18 6 0 3.841110 0.132636 0.262874  19 6 0 5.230097 -0.082028 -0.019431  20 6 0 5.601421 -0.805471 -1.181566  21 6 0 4.644669 -1.302608 -2.029558  22 6 0 3.275429 -1.092489 -1.756888  23 6 0 3.495480 0.838535 1.446983  24 6 0 4.464804 1.318579 2.294424  25 6 0 5.833440 1.117572 2.006557  26 6 0 6.203744 0.431251 0.876814  27 6 0 -0.936067 2.744983 -0.953328  28 7 0 -0.165343 3.754389 -0.941909  29 6 0 -0.671877 5.004798 -1.471356  30 6 0 0.990228 -2.553993 0.223118  31 7 0 0.194825 -3.528798 0.398143  32 6 0 0.761493 -4.822463 0.721286  33 1 0 1.526471 1.933391 -0.917498  34 1 0 -1.473474 -1.705230 0.425465  35 1 0 -2.350634 2.590168 0.974948  36 1 0 -4.608666 3.132116 1.732849  37 1 0 -6.415335 1.442949 1.585406  38 1 0 -2.809766 -1.729300 -1.199929  39 1 0 -4.661696 -3.272239 -1.480915  40 1 0 -6.871257 -2.817140 -0.421196  41 1 0 -7.210086 -0.712189 0.829102  42 1 0 6.655584 -0.959266 -1.387136  43 1 0 4.932312 -1.853893 -2.917674  44 1 0 2.531025 -1.478181 -2.444599  45 1 0 2.449768 0.995920 1.678569  46 1 0 4.178612 1.854873 3.192149  47 1 0 6.588186 1.503989 2.682229  48 1 0 7.252684 0.267774 0.652206  49 1 0 -1.963792 2.811262 -1.334660  50 1 0 -1.711755 4.947712 -1.827759  51 1 0 2.078039 -2.677903 0.297321  52 1 0 1.860415 -4.823703 0.778677  53 1 0 -0.602697 5.777791 -0.699416  54 1 0 -0.032640 5.330157 -2.298307  55 1 0 0.356213 -5.162532 1.679566  56 1 0 0.443812 -5.552168 -0.030316 |
| TM\_NP\_model\_scan\_m\_20\_p\_80 | 1 6 0 1.402855 -0.048861 -0.503150  2 6 0 0.838247 1.214074 -0.659960  3 6 0 -0.532184 1.452441 -0.519045  4 6 0 -1.413379 0.378630 -0.207310  5 6 0 -0.819515 -0.876514 -0.013170  6 6 0 0.547387 -1.119938 -0.177708  7 6 0 -2.804813 0.582194 0.297473  8 6 0 -3.159327 1.793923 0.871519  9 6 0 -4.447937 2.040312 1.386096  10 6 0 -5.421749 1.081824 1.293540  11 6 0 -5.159610 -0.137771 0.620338  12 6 0 -3.858728 -0.381587 0.063889  13 6 0 -3.710754 -1.539142 -0.749984  14 6 0 -4.739916 -2.433335 -0.928281  15 6 0 -5.988638 -2.228459 -0.304894  16 6 0 -6.191802 -1.096033 0.441810  17 6 0 2.872865 -0.228333 -0.722517  18 6 0 3.817931 0.117128 0.296090  19 6 0 5.216879 -0.041569 0.027751  20 6 0 5.631133 -0.534868 -1.236008  21 6 0 4.706306 -0.861898 -2.194847  22 6 0 3.326623 -0.707495 -1.934427  23 6 0 3.425593 0.601199 1.573263  24 6 0 4.361490 0.918023 2.528167  25 6 0 5.740527 0.767270 2.259035  26 6 0 6.155089 0.297856 1.037280  27 6 0 -1.024435 2.795835 -0.904854  28 7 0 -0.280765 3.825225 -0.883505  29 6 0 -0.833652 5.075765 -1.363766  30 6 0 1.075194 -2.480727 0.052677  31 7 0 0.313932 -3.477393 0.253678  32 6 0 0.927411 -4.768301 0.490344  33 1 0 1.463716 2.056229 -0.928802  34 1 0 -1.410777 -1.710231 0.337402  35 1 0 -2.395843 2.539735 1.047881  36 1 0 -4.650839 2.987080 1.873621  37 1 0 -6.409746 1.249918 1.708814  38 1 0 -2.778169 -1.713132 -1.266084  39 1 0 -4.590562 -3.299851 -1.562496  40 1 0 -6.787450 -2.949015 -0.439002  41 1 0 -7.158774 -0.900871 0.893757  42 1 0 6.692411 -0.648498 -1.430865  43 1 0 5.027132 -1.236972 -3.160171  44 1 0 2.607214 -0.963769 -2.704220  45 1 0 2.371124 0.720560 1.788287  46 1 0 4.041353 1.286676 3.496200  47 1 0 6.468436 1.022613 3.020903  48 1 0 7.212382 0.177832 0.824714  49 1 0 -2.062997 2.844937 -1.258413  50 1 0 -1.881343 5.001136 -1.692999  51 1 0 2.167896 -2.583012 0.045099  52 1 0 2.027233 -4.748603 0.461879  53 1 0 -0.762369 5.829122 -0.572858  54 1 0 -0.226378 5.439990 -2.198595  55 1 0 0.604614 -5.145539 1.465900  56 1 0 0.565008 -5.481036 -0.257265 |
| TM\_NP\_model\_scan\_m\_20\_p\_90 | 1 6 0 1.404761 0.083541 -0.550879  2 6 0 0.797737 1.332648 -0.640385  3 6 0 -0.578501 1.518138 -0.474819  4 6 0 -1.420454 0.401828 -0.208601  5 6 0 -0.784390 -0.842226 -0.088899  6 6 0 0.587436 -1.031585 -0.279916  7 6 0 -2.809603 0.533741 0.325474  8 6 0 -3.192320 1.701770 0.967919  9 6 0 -4.479513 1.879199 1.513748  10 6 0 -5.424616 0.896603 1.383664  11 6 0 -5.135802 -0.276215 0.641903  12 6 0 -3.836927 -0.448713 0.054997  13 6 0 -3.666333 -1.555452 -0.822640  14 6 0 -4.670414 -2.470482 -1.034985  15 6 0 -5.915090 -2.338564 -0.384317  16 6 0 -6.141050 -1.255153 0.425837  17 6 0 2.882049 -0.031289 -0.769445  18 6 0 3.797368 0.089166 0.324739  19 6 0 5.203725 -0.008678 0.067856  20 6 0 5.654723 -0.218333 -1.260740  21 6 0 4.758115 -0.327267 -2.293026  22 6 0 3.370545 -0.233180 -2.043637  23 6 0 3.367220 0.299760 1.662584  24 6 0 4.274509 0.406359 2.689062  25 6 0 5.660935 0.309288 2.433690  26 6 0 6.111721 0.107326 1.152595  27 6 0 -1.118824 2.861850 -0.787963  28 7 0 -0.407078 3.912265 -0.730555  29 6 0 -1.006459 5.165391 -1.143353  30 6 0 1.160536 -2.387077 -0.148385  31 7 0 0.437788 -3.411568 0.054353  32 6 0 1.094196 -4.696776 0.180651  33 1 0 1.393035 2.208480 -0.866835  34 1 0 -1.344723 -1.713410 0.219007  35 1 0 -2.449431 2.460924 1.173174  36 1 0 -4.703684 2.791708 2.054388  37 1 0 -6.410480 1.010776 1.821691  38 1 0 -2.737101 -1.672099 -1.360493  39 1 0 -4.504660 -3.296635 -1.717198  40 1 0 -6.693557 -3.075406 -0.546674  41 1 0 -7.106442 -1.114948 0.900941  42 1 0 6.721423 -0.289599 -1.445851  43 1 0 5.107118 -0.485129 -3.307276  44 1 0 2.673450 -0.320237 -2.869614  45 1 0 2.306796 0.380697 1.866499  46 1 0 3.926073 0.568223 3.702893  47 1 0 6.366154 0.396352 3.252589  48 1 0 7.175119 0.033452 0.949557  49 1 0 -2.164428 2.894322 -1.122072  50 1 0 -2.057722 5.073436 -1.456463  51 1 0 2.252171 -2.460557 -0.235616  52 1 0 2.188149 -4.648687 0.072492  53 1 0 -0.942004 5.884624 -0.320761  54 1 0 -0.426891 5.584725 -1.972034  55 1 0 0.852957 -5.128029 1.157400  56 1 0 0.692014 -5.381572 -0.572697 |
| TM\_NP\_model\_scan\_m\_20\_p\_100 | 1 6 0 1.402102 0.217713 -0.538041  2 6 0 0.755259 1.449762 -0.554707  3 6 0 -0.625683 1.582138 -0.377183  4 6 0 -1.431574 0.426666 -0.176098  5 6 0 -0.756125 -0.801708 -0.128876  6 6 0 0.619863 -0.936825 -0.333810  7 6 0 -2.824837 0.483832 0.360527  8 6 0 -3.245416 1.601385 1.066111  9 6 0 -4.539660 1.709278 1.613369  10 6 0 -5.454473 0.708399 1.421244  11 6 0 -5.127386 -0.411031 0.615627  12 6 0 -3.821236 -0.511619 0.027991  13 6 0 -3.614393 -1.560784 -0.910539  14 6 0 -4.589930 -2.491299 -1.180679  15 6 0 -5.840836 -2.433326 -0.531182  16 6 0 -6.102267 -1.404940 0.337915  17 6 0 2.881502 0.167965 -0.763600  18 6 0 3.794291 0.047468 0.333500  19 6 0 5.201738 0.017582 0.065338  20 6 0 5.657165 0.115493 -1.274620  21 6 0 4.763795 0.242296 -2.307458  22 6 0 3.375271 0.269522 -2.047834  23 6 0 3.361896 -0.035986 1.684471  24 6 0 4.267325 -0.151862 2.711702  25 6 0 5.654425 -0.188955 2.444421  26 6 0 6.107593 -0.104317 1.151213  27 6 0 -1.207393 2.924549 -0.611714  28 7 0 -0.528434 3.991313 -0.492065  29 6 0 -1.166732 5.247234 -0.831362  30 6 0 1.231253 -2.281881 -0.307909  31 7 0 0.545881 -3.334284 -0.118997  32 6 0 1.236767 -4.607498 -0.110367  33 1 0 1.322488 2.356092 -0.726251  34 1 0 -1.288556 -1.707389 0.124080  35 1 0 -2.526431 2.369339 1.318327  36 1 0 -4.793324 2.582418 2.203692  37 1 0 -6.445382 0.768237 1.858661  38 1 0 -2.679955 -1.618924 -1.448806  39 1 0 -4.396749 -3.271753 -1.908016  40 1 0 -6.596426 -3.182137 -0.740119  41 1 0 -7.073488 -1.320290 0.814243  42 1 0 6.724684 0.091941 -1.467005  43 1 0 5.115779 0.320971 -3.329865  44 1 0 2.680518 0.365955 -2.874639  45 1 0 2.301207 -0.000218 1.899482  46 1 0 3.916850 -0.211685 3.735948  47 1 0 6.358042 -0.280321 3.264220  48 1 0 7.171605 -0.126655 0.939425  49 1 0 -2.253483 2.944201 -0.945245  50 1 0 -2.214397 5.141118 -1.151993  51 1 0 2.316547 -2.322676 -0.465989  52 1 0 2.320356 -4.525636 -0.283081  53 1 0 -1.125544 5.918000 0.032642  54 1 0 -0.600135 5.732985 -1.632281  55 1 0 1.067328 -5.100810 0.852003  56 1 0 0.802526 -5.257472 -0.876695 |
| TM\_NP\_model\_scan\_m\_20\_p\_110 | 1 6 0 1.403283 0.325837 -0.533103  2 6 0 0.724824 1.540905 -0.490903  3 6 0 -0.658864 1.631229 -0.311531  4 6 0 -1.437135 0.448674 -0.167212  5 6 0 -0.732952 -0.764070 -0.188016  6 6 0 0.645575 -0.856073 -0.398963  7 6 0 -2.828438 0.446348 0.377407  8 6 0 -3.268918 1.516938 1.141387  9 6 0 -4.561026 1.567527 1.701600  10 6 0 -5.453935 0.556254 1.466110  11 6 0 -5.107434 -0.513951 0.603561  12 6 0 -3.804254 -0.554376 0.002042  13 6 0 -3.581211 -1.550191 -0.989372  14 6 0 -4.536836 -2.489310 -1.298160  15 6 0 -5.782882 -2.493731 -0.636866  16 6 0 -6.060857 -1.516077 0.284108  17 6 0 2.886278 0.331314 -0.727792  18 6 0 3.781016 -0.001930 0.341443  19 6 0 5.193502 0.037566 0.102107  20 6 0 5.673158 0.417999 -1.177604  21 6 0 4.798068 0.754281 -2.178546  22 6 0 3.405199 0.712518 -1.948899  23 6 0 3.328171 -0.352792 1.642069  24 6 0 4.217111 -0.666982 2.641819  25 6 0 5.608583 -0.644541 2.398086  26 6 0 6.082127 -0.296764 1.157320  27 6 0 -1.272662 2.969457 -0.478096  28 7 0 -0.618562 4.045157 -0.309526  29 6 0 -1.288951 5.300478 -0.582861  30 6 0 1.280133 -2.189191 -0.473701  31 7 0 0.624585 -3.262749 -0.298884  32 6 0 1.333711 -4.521595 -0.403796  33 1 0 1.270582 2.468928 -0.607431  34 1 0 -1.243739 -1.695257 0.011003  35 1 0 -2.565531 2.287348 1.427524  36 1 0 -4.829976 2.403998 2.336561  37 1 0 -6.442366 0.570896 1.912883  38 1 0 -2.650539 -1.558356 -1.537175  39 1 0 -4.331864 -3.227576 -2.065216  40 1 0 -6.522349 -3.249378 -0.876545  41 1 0 -7.029508 -1.478601 0.771599  42 1 0 6.744314 0.443610 -1.348224  43 1 0 5.168096 1.050881 -3.153482  44 1 0 2.725449 0.972821 -2.752475  45 1 0 2.264688 -0.362386 1.844610  46 1 0 3.849319 -0.929106 3.627462  47 1 0 6.299145 -0.895857 3.195214  48 1 0 7.149629 -0.267948 0.964796  49 1 0 -2.320762 2.980555 -0.805603  50 1 0 -2.335376 5.184808 -0.904249  51 1 0 2.353619 -2.201464 -0.700335  52 1 0 2.403558 -4.410434 -0.635527  53 1 0 -1.259877 5.927672 0.313756  54 1 0 -0.738586 5.839942 -1.360364  55 1 0 1.229843 -5.071102 0.537141  56 1 0 0.863780 -5.135377 -1.178883 |
| TM\_NP\_model\_scan\_m\_20\_p\_120 | 1 6 0 1.401686 0.399685 -0.518164  2 6 0 0.699557 1.600590 -0.438977  3 6 0 -0.685152 1.662196 -0.259137  4 6 0 -1.443500 0.463123 -0.150862  5 6 0 -0.717953 -0.735672 -0.208845  6 6 0 0.661857 -0.798344 -0.420952  7 6 0 -2.834364 0.419539 0.392525  8 6 0 -3.294016 1.458192 1.188604  9 6 0 -4.587410 1.469243 1.747915  10 6 0 -5.462908 0.451121 1.478953  11 6 0 -5.097528 -0.585169 0.583338  12 6 0 -3.792959 -0.584853 -0.016528  13 6 0 -3.552489 -1.543738 -1.039755  14 6 0 -4.492466 -2.487246 -1.381496  15 6 0 -5.739151 -2.533611 -0.723076  16 6 0 -6.034081 -1.591611 0.229234  17 6 0 2.886109 0.445254 -0.681748  18 6 0 3.777279 -0.047123 0.330250  19 6 0 5.191410 0.049356 0.114368  20 6 0 5.678016 0.651949 -1.073731  21 6 0 4.807739 1.156005 -2.005968  22 6 0 3.414763 1.056540 -1.802561  23 6 0 3.324199 -0.597263 1.560236  24 6 0 4.211551 -1.055929 2.504073  25 6 0 5.603711 -0.988333 2.274066  26 6 0 6.078428 -0.443634 1.107196  27 6 0 -1.320923 2.994956 -0.382293  28 7 0 -0.684467 4.075378 -0.179852  29 6 0 -1.376304 5.327674 -0.410421  30 6 0 1.308702 -2.120265 -0.567117  31 7 0 0.677416 -3.207583 -0.388526  32 6 0 1.393741 -4.452479 -0.577949  33 1 0 1.229023 2.541883 -0.518305  34 1 0 -1.213013 -1.681789 -0.043215  35 1 0 -2.603957 2.230868 1.499903  36 1 0 -4.871260 2.280572 2.408484  37 1 0 -6.452094 0.435169 1.924008  38 1 0 -2.621262 -1.518359 -1.586077  39 1 0 -4.274733 -3.196008 -2.172489  40 1 0 -6.466082 -3.292618 -0.989023  41 1 0 -7.003920 -1.585876 0.715781  42 1 0 6.750291 0.716998 -1.225639  43 1 0 5.181965 1.628286 -2.907185  44 1 0 2.739740 1.445525 -2.556519  45 1 0 2.261245 -0.643633 1.758512  46 1 0 3.840884 -1.467008 3.436334  47 1 0 6.292984 -1.357180 3.025243  48 1 0 7.146330 -0.372901 0.928262  49 1 0 -2.369732 2.999273 -0.707644  50 1 0 -2.421120 5.205182 -0.734476  51 1 0 2.366894 -2.111296 -0.856340  52 1 0 2.447428 -4.318750 -0.864947  53 1 0 -1.356523 5.924726 0.506793  54 1 0 -0.836330 5.902366 -1.169756  55 1 0 1.349434 -5.036069 0.346982  56 1 0 0.887883 -5.044847 -1.347099 |
| TM\_NP\_model\_scan\_m\_20\_p\_130 | 1 6 0 1.403048 0.451309 -0.517612  2 6 0 0.682380 1.641040 -0.414497  3 6 0 -0.702522 1.683245 -0.237017  4 6 0 -1.446576 0.473875 -0.146788  5 6 0 -0.705917 -0.713912 -0.229781  6 6 0 0.674220 -0.756659 -0.444673  7 6 0 -2.834556 0.404387 0.400408  8 6 0 -3.302747 1.424064 1.215927  9 6 0 -4.593744 1.410749 1.780553  10 6 0 -5.458646 0.387256 1.497933  11 6 0 -5.085214 -0.629435 0.583389  12 6 0 -3.783314 -0.603954 -0.021724  13 6 0 -3.536490 -1.542230 -1.062379  14 6 0 -4.467208 -2.490372 -1.416475  15 6 0 -5.710369 -2.562352 -0.753726  16 6 0 -6.011795 -1.640343 0.215937  17 6 0 2.889346 0.528032 -0.635060  18 6 0 3.772115 -0.088847 0.317435  19 6 0 5.188540 0.058110 0.144951  20 6 0 5.687425 0.844450 -0.924125  21 6 0 4.825444 1.483152 -1.778269  22 6 0 3.432358 1.330443 -1.622766  23 6 0 3.312909 -0.800342 1.459750  24 6 0 4.193457 -1.375909 2.344044  25 6 0 5.587348 -1.271564 2.141422  26 6 0 6.069079 -0.563498 1.069421  27 6 0 -1.354013 3.010420 -0.337865  28 7 0 -0.729350 4.095391 -0.123517  29 6 0 -1.436934 5.342500 -0.333508  30 6 0 1.323132 -2.069995 -0.653892  31 7 0 0.710535 -3.166707 -0.468451  32 6 0 1.423235 -4.399913 -0.733523  33 1 0 1.198942 2.591358 -0.464997  34 1 0 -1.189173 -1.669660 -0.086082  35 1 0 -2.620181 2.199185 1.537488  36 1 0 -4.884073 2.207450 2.455942  37 1 0 -6.445676 0.352367 1.946674  38 1 0 -2.608246 -1.496487 -1.612433  39 1 0 -4.245075 -3.182739 -2.220656  40 1 0 -6.429801 -3.324924 -1.029671  41 1 0 -6.979492 -1.654077 0.706582  42 1 0 6.761103 0.945047 -1.042767  43 1 0 5.206798 2.101697 -2.582762  44 1 0 2.766626 1.822974 -2.322279  45 1 0 2.249847 -0.876200 1.644577  46 1 0 3.814829 -1.907369 3.209851  47 1 0 6.271369 -1.736798 2.842175  48 1 0 7.138020 -0.455745 0.917304  49 1 0 -2.404383 3.007002 -0.658101  50 1 0 -2.481954 5.212064 -0.653737  51 1 0 2.363121 -2.045787 -1.002315  52 1 0 2.457287 -4.249143 -1.077565  53 1 0 -1.419197 5.927398 0.591522  54 1 0 -0.907886 5.933655 -1.087904  55 1 0 1.437466 -5.008761 0.175957  56 1 0 0.877500 -4.975546 -1.487969 |
| TM\_NP\_model\_scan\_m\_20\_p\_140 | 1 6 0 1.406288 0.479296 -0.545907  2 6 0 0.673412 1.662586 -0.432118  3 6 0 -0.710135 1.695557 -0.247898  4 6 0 -1.446383 0.481896 -0.153686  5 6 0 -0.697037 -0.699482 -0.244166  6 6 0 0.682002 -0.732544 -0.466645  7 6 0 -2.829417 0.401236 0.403558  8 6 0 -3.299383 1.415619 1.224679  9 6 0 -4.586112 1.391089 1.798606  10 6 0 -5.445566 0.362086 1.519293  11 6 0 -5.071440 -0.649126 0.598969  12 6 0 -3.773970 -0.612644 -0.014956  13 6 0 -3.527953 -1.545489 -1.060660  14 6 0 -4.454678 -2.498593 -1.411888  15 6 0 -5.692692 -2.581450 -0.740837  16 6 0 -5.993604 -1.665100 0.234342  17 6 0 2.894606 0.573536 -0.611685  18 6 0 3.763773 -0.127757 0.298672  19 6 0 5.182512 0.055568 0.180422  20 6 0 5.697280 0.970002 -0.772251  21 6 0 4.846787 1.706199 -1.556162  22 6 0 3.454400 1.515618 -1.459142  23 6 0 3.293465 -0.943487 1.364736  24 6 0 4.162640 -1.591258 2.209557  25 6 0 5.558875 -1.462362 2.042921  26 6 0 6.052120 -0.648725 1.054842  27 6 0 -1.369748 3.019704 -0.337212  28 7 0 -0.749895 4.107173 -0.121758  29 6 0 -1.466574 5.351296 -0.318236  30 6 0 1.325012 -2.041683 -0.721680  31 7 0 0.725018 -3.143479 -0.526618  32 6 0 1.426891 -4.369033 -0.850032  33 1 0 1.180095 2.618561 -0.468752  34 1 0 -1.172398 -1.659691 -0.103858  35 1 0 -2.620319 2.194956 1.543451  36 1 0 -4.877400 2.183726 2.478349  37 1 0 -6.429056 0.318766 1.975014  38 1 0 -2.603979 -1.491254 -1.617104  39 1 0 -4.233546 -3.186322 -2.220316  40 1 0 -6.408883 -3.347805 -1.014722  41 1 0 -6.957758 -1.687211 0.731610  42 1 0 6.772106 1.094868 -0.850310  43 1 0 5.237221 2.430378 -2.262043  44 1 0 2.802972 2.082312 -2.114174  45 1 0 2.229615 -1.039569 1.530280  46 1 0 3.771578 -2.198168 3.018380  47 1 0 6.234221 -1.987613 2.708762  48 1 0 7.122208 -0.513234 0.936933  49 1 0 -2.422601 3.011804 -0.648995  50 1 0 -2.513393 5.216502 -0.630609  51 1 0 2.346881 -2.007919 -1.119758  52 1 0 2.440178 -4.207853 -1.247023  53 1 0 -1.444700 5.930471 0.610298  54 1 0 -0.947393 5.950369 -1.073232  55 1 0 1.492892 -4.992498 0.047196  56 1 0 0.843367 -4.934776 -1.583344 |
| TM\_NP\_model\_scan\_m\_20\_p\_150 | 1 6 0 1.411547 0.510624 -0.568764  2 6 0 0.662411 1.685708 -0.450933  3 6 0 -0.720521 1.707906 -0.267305  4 6 0 -1.447008 0.489404 -0.162850  5 6 0 -0.686855 -0.683969 -0.257609  6 6 0 0.691294 -0.705426 -0.486620  7 6 0 -2.824913 0.399896 0.404620  8 6 0 -3.295774 1.414386 1.225305  9 6 0 -4.576979 1.382155 1.810913  10 6 0 -5.430123 0.344391 1.544882  11 6 0 -5.055717 -0.668634 0.626680  12 6 0 -3.764397 -0.624389 0.000366  13 6 0 -3.520023 -1.561109 -1.042216  14 6 0 -4.441371 -2.524690 -1.378760  15 6 0 -5.672171 -2.614593 -0.695476  16 6 0 -5.972177 -1.694914 0.276842  17 6 0 2.901051 0.624613 -0.575515  18 6 0 3.759759 -0.156807 0.283650  19 6 0 5.179175 0.054801 0.221398  20 6 0 5.704302 1.086945 -0.594509  21 6 0 4.860064 1.912093 -1.291362  22 6 0 3.470909 1.687628 -1.260919  23 6 0 3.282750 -1.070716 1.264239  24 6 0 4.142921 -1.793458 2.055897  25 6 0 5.540498 -1.648458 1.920238  26 6 0 6.040987 -0.733764 1.029581  27 6 0 -1.390990 3.026513 -0.360989  28 7 0 -0.778748 4.120823 -0.159026  29 6 0 -1.507259 5.357268 -0.360803  30 6 0 1.327205 -2.009101 -0.790038  31 7 0 0.736510 -3.116362 -0.598902  32 6 0 1.425993 -4.332586 -0.979246  33 1 0 1.155034 2.648824 -0.475619  34 1 0 -1.152167 -1.649444 -0.120019  35 1 0 -2.620333 2.200880 1.534014  36 1 0 -4.868761 2.175831 2.489229  37 1 0 -6.408965 0.295110 2.009906  38 1 0 -2.602074 -1.501806 -1.607993  39 1 0 -4.221667 -3.215376 -2.185050  40 1 0 -6.383894 -3.389101 -0.957822  41 1 0 -6.931338 -1.722558 0.783396  42 1 0 6.778725 1.232568 -0.629032  43 1 0 5.253338 2.731780 -1.881712  44 1 0 2.833614 2.323467 -1.863818  45 1 0 2.218976 -1.181964 1.414583  46 1 0 3.741855 -2.471354 2.800908  47 1 0 6.209643 -2.235974 2.538569  48 1 0 7.111317 -0.577046 0.944828  49 1 0 -2.445966 3.007611 -0.665008  50 1 0 -2.555428 5.210759 -0.663110  51 1 0 2.332819 -1.963116 -1.226703  52 1 0 2.420862 -4.160151 -1.416134  53 1 0 -1.482537 5.945274 0.562066  54 1 0 -0.999541 5.953446 -1.125831  55 1 0 1.532205 -4.975224 -0.099529  56 1 0 0.812417 -4.883949 -1.698801 |
| TM\_NP\_model\_scan\_m\_20\_p\_160 | 1 6 0 1.418193 0.535975 -0.596376  2 6 0 0.651749 1.703338 -0.485123  3 6 0 -0.730251 1.717074 -0.299694  4 6 0 -1.447902 0.495638 -0.174597  5 6 0 -0.677357 -0.670256 -0.264708  6 6 0 0.699728 -0.682554 -0.500222  7 6 0 -2.820177 0.402050 0.404593  8 6 0 -3.291804 1.422776 1.217221  9 6 0 -4.567093 1.387090 1.815320  10 6 0 -5.413797 0.338879 1.570388  11 6 0 -5.039443 -0.682401 0.661356  12 6 0 -3.754575 -0.635158 0.022118  13 6 0 -3.512087 -1.582928 -1.010842  14 6 0 -4.428092 -2.558798 -1.325923  15 6 0 -5.651443 -2.650544 -0.629652  16 6 0 -5.950226 -1.720926 0.333560  17 6 0 2.907844 0.669154 -0.541386  18 6 0 3.759370 -0.177146 0.268730  19 6 0 5.177891 0.055965 0.261282  20 6 0 5.707169 1.179451 -0.418541  21 6 0 4.863717 2.073337 -1.024991  22 6 0 3.479847 1.823992 -1.059683  23 6 0 3.280197 -1.171029 1.167393  24 6 0 4.134674 -1.956161 1.904218  25 6 0 5.532746 -1.798596 1.795531  26 6 0 6.036015 -0.800666 1.001622  27 6 0 -1.410404 3.030011 -0.405121  28 7 0 -0.804907 4.131424 -0.222433  29 6 0 -1.544414 5.359619 -0.434591  30 6 0 1.324999 -1.982913 -0.844692  31 7 0 0.737478 -3.093121 -0.662135  32 6 0 1.411405 -4.301578 -1.091900  33 1 0 1.127261 2.674313 -0.507788  34 1 0 -1.132563 -1.639902 -0.122971  35 1 0 -2.620209 2.218684 1.509782  36 1 0 -4.859201 2.186640 2.486562  37 1 0 -6.387671 0.287112 2.045460  38 1 0 -2.600291 -1.522953 -1.586368  39 1 0 -4.210022 -3.257917 -2.125354  40 1 0 -6.358764 -3.434570 -0.875083  41 1 0 -6.904201 -1.750281 0.849712  42 1 0 6.779973 1.339742 -0.412909  43 1 0 5.253722 2.966956 -1.498612  44 1 0 2.856087 2.517209 -1.609924  45 1 0 2.217224 -1.294309 1.307286  46 1 0 3.726715 -2.692475 2.587463  47 1 0 6.198232 -2.437442 2.364928  48 1 0 7.105530 -0.625546 0.948970  49 1 0 -2.467589 2.999632 -0.700323  50 1 0 -2.594002 5.200907 -0.725481  51 1 0 2.316826 -1.928504 -1.311071  52 1 0 2.393671 -4.121365 -1.553537  53 1 0 -1.516126 5.960440 0.479870  54 1 0 -1.048153 5.948932 -1.212348  55 1 0 1.541325 -4.965843 -0.231625  56 1 0 0.775351 -4.833735 -1.806395 |
| TM\_NP\_model\_scan\_m\_30\_m\_0 | 1 6 0 1.403192 0.466414 0.098966  2 6 0 0.971812 -0.870713 0.056956  3 6 0 -0.363291 -1.281138 0.011873  4 6 0 -1.394522 -0.317484 -0.077962  5 6 0 -0.979121 1.018809 -0.113081  6 6 0 0.351440 1.425382 -0.022532  7 6 0 -2.801774 -0.642393 -0.444979  8 6 0 -3.057085 -1.713119 -1.287563  9 6 0 -4.362338 -2.054628 -1.694689  10 6 0 -5.437493 -1.341418 -1.232800  11 6 0 -5.251294 -0.286480 -0.304339  12 6 0 -3.927112 0.052347 0.132697  13 6 0 -3.808136 1.022361 1.166051  14 6 0 -4.909907 1.662836 1.681498  15 6 0 -6.203329 1.372418 1.197207  16 6 0 -6.365400 0.410746 0.232448  17 6 0 2.832179 0.741705 -0.258161  18 6 0 3.920871 -0.133693 0.150362  19 6 0 5.254099 0.159585 -0.298315  20 6 0 5.522147 1.374616 -0.976417  21 6 0 4.520168 2.288473 -1.156893  22 6 0 3.200830 1.979239 -0.770526  23 6 0 3.787208 -1.224887 1.054787  24 6 0 4.848414 -2.037529 1.379863  25 6 0 6.124152 -1.815624 0.823441  26 6 0 6.319518 -0.724601 0.016268  27 6 0 -0.640376 -2.728326 0.168061  28 7 0 0.246421 -3.617493 -0.021073  29 6 0 -0.108336 -5.000308 0.226354  30 6 0 0.564463 2.882348 0.168908  31 7 0 -0.226432 3.759348 -0.297146  32 6 0 0.018950 5.147818 0.038460  33 1 0 1.686929 -1.675862 -0.001393  34 1 0 -1.705143 1.809142 -0.246585  35 1 0 -2.225986 -2.248352 -1.728847  36 1 0 -4.503262 -2.874380 -2.389902  37 1 0 -6.444447 -1.583542 -1.555693  38 1 0 -2.832666 1.246262 1.573844  39 1 0 -4.784047 2.391709 2.474255  40 1 0 -7.063333 1.893395 1.602471  41 1 0 -7.356378 0.153384 -0.126751  42 1 0 6.534532 1.580654 -1.306907  43 1 0 4.721572 3.245346 -1.624749  44 1 0 2.436358 2.686852 -1.054507  45 1 0 2.841306 -1.405083 1.541154  46 1 0 4.700770 -2.849552 2.082909  47 1 0 6.947656 -2.477844 1.065164  48 1 0 7.306675 -0.496232 -0.371858  49 1 0 -1.653802 -2.991193 0.497904  50 1 0 -1.150330 -5.139708 0.552422  51 1 0 1.420663 3.160027 0.799505  52 1 0 0.906424 5.301514 0.671566  53 1 0 0.060283 -5.584108 -0.683993  54 1 0 0.559033 -5.411902 0.990301  55 1 0 0.134853 5.726795 -0.883069  56 1 0 -0.857156 5.553149 0.554627 |
| TM\_NP\_model\_scan\_m\_30\_m\_10 | 1 6 0 1.404160 0.411433 0.010201  2 6 0 0.958865 -0.919182 -0.025126  3 6 0 -0.384135 -1.303226 -0.048697  4 6 0 -1.398721 -0.316984 -0.104708  5 6 0 -0.963997 1.013168 -0.130763  6 6 0 0.376281 1.394838 -0.066206  7 6 0 -2.818849 -0.614651 -0.446133  8 6 0 -3.108445 -1.671153 -1.295511  9 6 0 -4.426944 -1.986664 -1.680395  10 6 0 -5.480827 -1.261573 -1.189008  11 6 0 -5.258956 -0.221025 -0.252146  12 6 0 -3.920942 0.090937 0.162417  13 6 0 -3.765774 1.045886 1.204927  14 6 0 -4.846464 1.697726 1.749900  15 6 0 -6.153752 1.434520 1.287872  16 6 0 -6.350597 0.487621 0.315017  17 6 0 2.834889 0.677351 -0.332490  18 6 0 3.918453 -0.146397 0.170176  19 6 0 5.262267 0.142246 -0.246505  20 6 0 5.529043 1.296567 -1.024192  21 6 0 4.513298 2.156558 -1.344603  22 6 0 3.186998 1.855982 -0.975895  23 6 0 3.756582 -1.187574 1.126677  24 6 0 4.816191 -1.954295 1.551674  25 6 0 6.115013 -1.730217 1.050550  26 6 0 6.329042 -0.690988 0.181730  27 6 0 -0.687265 -2.745659 0.102031  28 7 0 0.176071 -3.650688 -0.118094  29 6 0 -0.199943 -5.028116 0.128372  30 6 0 0.641397 2.842607 0.119580  31 7 0 -0.167338 3.742439 -0.265886  32 6 0 0.144760 5.121940 0.050126  33 1 0 1.667732 -1.731259 -0.088021  34 1 0 -1.679907 1.816875 -0.236640  35 1 0 -2.295039 -2.214745 -1.759001  36 1 0 -4.595108 -2.795762 -2.382014  37 1 0 -6.497823 -1.483365 -1.494599  38 1 0 -2.778996 1.249137 1.595926  39 1 0 -4.692879 2.414588 2.548683  40 1 0 -6.996921 1.964427 1.716284  41 1 0 -7.352553 0.250878 -0.027551  42 1 0 6.549716 1.499383 -1.330414  43 1 0 4.712871 3.062513 -1.905442  44 1 0 2.410602 2.509647 -1.347776  45 1 0 2.785525 -1.365730 1.563038  46 1 0 4.650189 -2.731423 2.289246  47 1 0 6.939334 -2.354338 1.376398  48 1 0 7.329316 -0.468852 -0.175182  49 1 0 -1.696874 -2.990899 0.456308  50 1 0 -1.235145 -5.149122 0.482183  51 1 0 1.561368 3.093884 0.664834  52 1 0 1.090608 5.248796 0.598920  53 1 0 -0.068396 -5.607696 -0.790753  54 1 0 0.479805 -5.459305 0.870281  55 1 0 0.190611 5.702901 -0.876352  56 1 0 -0.668937 5.547167 0.646271 |
| TM\_NP\_model\_scan\_m\_30\_m\_20 | 1 6 0 1.404113 0.358154 -0.079946  2 6 0 0.944512 -0.965328 -0.108586  3 6 0 -0.405607 -1.323288 -0.110768  4 6 0 -1.402219 -0.315540 -0.133260  5 6 0 -0.947296 1.007858 -0.153335  6 6 0 0.401658 1.364864 -0.114132  7 6 0 -2.834749 -0.585560 -0.446447  8 6 0 -3.160802 -1.627870 -1.300038  9 6 0 -4.492630 -1.917039 -1.659042  10 6 0 -5.523032 -1.179974 -1.136675  11 6 0 -5.263070 -0.153972 -0.193576  12 6 0 -3.911133 0.131052 0.194455  13 6 0 -3.717063 1.070982 1.244077  14 6 0 -4.774352 1.734132 1.820405  15 6 0 -6.095746 1.498044 1.384657  16 6 0 -6.329869 0.565991 0.405757  17 6 0 2.840463 0.615702 -0.393610  18 6 0 3.910767 -0.158759 0.195948  19 6 0 5.264924 0.119909 -0.190995  20 6 0 5.541416 1.206839 -1.057875  21 6 0 4.524672 2.010099 -1.501728  22 6 0 3.190116 1.723218 -1.151993  23 6 0 3.715710 -1.146018 1.201439  24 6 0 4.765940 -1.865260 1.721177  25 6 0 6.084093 -1.643041 1.270397  26 6 0 6.323366 -0.661190 0.343035  27 6 0 -0.734444 -2.760335 0.035956  28 7 0 0.104228 -3.680454 -0.215052  29 6 0 -0.292833 -5.052075 0.031061  30 6 0 0.714095 2.804043 0.054394  31 7 0 -0.100359 3.722308 -0.271458  32 6 0 0.268616 5.094710 0.011916  33 1 0 1.646275 -1.784760 -0.173758  34 1 0 -1.652288 1.823961 -0.235169  35 1 0 -2.366916 -2.180242 -1.786470  36 1 0 -4.689894 -2.715434 -2.365333  37 1 0 -6.550125 -1.381276 -1.422032  38 1 0 -2.718700 1.253507 1.615321  39 1 0 -4.591057 2.438944 2.623626  40 1 0 -6.920250 2.036743 1.837744  41 1 0 -7.343004 0.349812 0.083015  42 1 0 6.569915 1.402915 -1.341669  43 1 0 4.732807 2.859501 -2.142330  44 1 0 2.410787 2.327133 -1.597307  45 1 0 2.723550 -1.320059 1.591152  46 1 0 4.578413 -2.603545 2.492721  47 1 0 6.902306 -2.227765 1.675203  48 1 0 7.335666 -0.448697 0.015288  49 1 0 -1.739004 -2.988300 0.415292  50 1 0 -1.319805 -5.155150 0.413387  51 1 0 1.679634 3.033946 0.524276  52 1 0 1.256433 5.200307 0.485958  53 1 0 -0.199348 -5.626312 -0.896063  54 1 0 0.398840 -5.503219 0.749710  55 1 0 0.257605 5.670577 -0.918838  56 1 0 -0.486615 5.542343 0.665835 |
| TM\_NP\_model\_scan\_m\_30\_m\_30 | 1 6 0 -1.404255 -0.306686 -0.168726  2 6 0 -0.929785 1.009451 -0.185454  3 6 0 0.426537 1.342078 -0.164879  4 6 0 1.404478 0.314281 -0.159041  5 6 0 0.929221 -1.001823 -0.178303  6 6 0 -0.427321 -1.334610 -0.165360  7 6 0 2.847902 0.558060 -0.444444  8 6 0 3.208870 1.588599 -1.298157  9 6 0 4.552483 1.852738 -1.631908  10 6 0 5.559416 1.102374 -1.083387  11 6 0 5.262954 0.088062 -0.138423  12 6 0 3.898747 -0.171445 0.223745  13 6 0 3.667575 -1.099962 1.276011  14 6 0 4.701591 -1.776242 1.878723  15 6 0 6.035383 -1.565555 1.468510  16 6 0 6.305067 -0.644998 0.487891  17 6 0 -2.847170 -0.552232 -0.454113  18 6 0 -3.898697 0.165881 0.224004  19 6 0 -5.262601 -0.093815 -0.138758  20 6 0 -5.556848 -1.095278 -1.098044  21 6 0 -4.548095 -1.832740 -1.660822  22 6 0 -3.204799 -1.569037 -1.325225  23 6 0 -3.667321 1.084100 1.285158  24 6 0 -4.702152 1.749597 1.898302  25 6 0 -6.036443 1.537375 1.490184  26 6 0 -6.305687 0.627387 0.499575  27 6 0 0.780357 2.772857 -0.016670  28 7 0 -0.033052 3.707860 -0.294584  29 6 0 0.384465 5.072680 -0.044427  30 6 0 -0.783844 -2.765089 -0.022267  31 7 0 0.033857 -3.700288 -0.286724  32 6 0 -0.388519 -5.065040 -0.044605  33 1 0 -1.623631 1.836785 -0.249555  34 1 0 1.622473 -1.829682 -0.240117  35 1 0 2.434427 2.151004 -1.804099  36 1 0 4.777560 2.642516 -2.339572  37 1 0 6.595383 1.284172 -1.349089  38 1 0 2.658986 -1.263227 1.628005  39 1 0 4.490057 -2.471836 2.683032  40 1 0 6.841274 -2.114469 1.942366  41 1 0 7.328085 -0.448150 0.184519  42 1 0 -6.592642 -1.277305 -1.364277  43 1 0 -4.771773 -2.611890 -2.380611  44 1 0 -2.428186 -2.121573 -1.838923  45 1 0 -2.657771 1.248133 1.634358  46 1 0 -4.491097 2.437873 2.709009  47 1 0 -6.843060 2.077407 1.972936  48 1 0 -7.328879 0.430548 0.196786  49 1 0 1.779043 2.982933 0.387756  50 1 0 1.402420 5.157599 0.365519  51 1 0 -1.789237 -2.975053 0.365042  52 1 0 -1.413189 -5.149621 0.348296  53 1 0 0.327904 5.643498 -0.976661  54 1 0 -0.317585 5.541381 0.652595  55 1 0 -0.316860 -5.635142 -0.976243  56 1 0 0.301612 -5.534723 0.663565 |
| TM\_NP\_model\_scan\_m\_30\_m\_40 | 1 6 0 -1.404894 -0.256817 -0.259636  2 6 0 -0.914893 1.051693 -0.259576  3 6 0 0.446673 1.359780 -0.214098  4 6 0 1.405515 0.313199 -0.185835  5 6 0 0.909946 -0.995111 -0.211690  6 6 0 -0.453047 -1.304054 -0.225858  7 6 0 2.858741 0.532705 -0.441485  8 6 0 3.254034 1.555786 -1.288859  9 6 0 4.608411 1.797795 -1.594918  10 6 0 5.591497 1.032313 -1.024503  11 6 0 5.259043 0.024518 -0.084575  12 6 0 3.883575 -0.212471 0.249404  13 6 0 3.615717 -1.135637 1.297707  14 6 0 4.625992 -1.827634 1.922454  15 6 0 5.971241 -1.638951 1.539874  16 6 0 6.276020 -0.724198 0.564113  17 6 0 -2.855776 -0.485517 -0.516200  18 6 0 -3.881408 0.166320 0.254835  19 6 0 -5.256152 -0.062489 -0.085253  20 6 0 -5.579248 -0.958256 -1.135672  21 6 0 -4.588256 -1.620232 -1.813549  22 6 0 -3.234521 -1.389220 -1.494401  23 6 0 -3.607508 0.995122 1.377321  24 6 0 -4.619324 1.599662 2.084285  25 6 0 -5.968494 1.409849 1.713721  26 6 0 -6.275220 0.590438 0.656829  27 6 0 0.824010 2.783330 -0.056207  28 7 0 0.035757 3.733460 -0.354720  29 6 0 0.472157 5.090143 -0.092763  30 6 0 -0.849315 -2.726008 -0.116234  31 7 0 -0.031542 -3.676642 -0.318895  32 6 0 -0.502003 -5.033587 -0.127711  33 1 0 -1.599729 1.887628 -0.319587  34 1 0 1.590806 -1.834164 -0.258633  35 1 0 2.499490 2.130030 -1.811345  36 1 0 4.860801 2.582739 -2.298743  37 1 0 6.635587 1.196984 -1.268700  38 1 0 2.597602 -1.282395 1.628821  39 1 0 4.386615 -2.518760 2.722794  40 1 0 6.758158 -2.200092 2.030999  41 1 0 7.308172 -0.544169 0.281969  42 1 0 -6.622997 -1.118157 -1.384602  43 1 0 -4.835535 -2.313993 -2.609033  44 1 0 -2.468939 -1.884254 -2.079788  45 1 0 -2.582616 1.139585 1.690545  46 1 0 -4.379715 2.222544 2.938774  47 1 0 -6.757051 1.899307 2.274053  48 1 0 -7.309262 0.417919 0.376895  49 1 0 1.815798 2.974312 0.373913  50 1 0 1.480441 5.156022 0.343790  51 1 0 -1.887648 -2.917327 0.182685  52 1 0 -1.557905 -5.098590 0.175985  53 1 0 0.450777 5.662064 -1.025806  54 1 0 -0.239078 5.571758 0.585893  55 1 0 -0.363801 -5.596902 -1.055978  56 1 0 0.115436 -5.524633 0.631273 |
| TM\_NP\_model\_scan\_m\_30\_m\_50 | 1 6 0 -1.406236 -0.194181 -0.356329  2 6 0 -0.895518 1.104362 -0.330332  3 6 0 0.471348 1.383326 -0.256155  4 6 0 1.407014 0.315533 -0.213795  5 6 0 0.886867 -0.982554 -0.258708  6 6 0 -0.482247 -1.262658 -0.303649  7 6 0 2.869943 0.507735 -0.435651  8 6 0 3.303996 1.528469 -1.266567  9 6 0 4.669384 1.746351 -1.540445  10 6 0 5.624387 0.958087 -0.953741  11 6 0 5.251346 -0.049673 -0.029080  12 6 0 3.864385 -0.262323 0.272242  13 6 0 3.555294 -1.188021 1.306866  14 6 0 4.537855 -1.904051 1.948589  15 6 0 5.894748 -1.738449 1.597868  16 6 0 6.238927 -0.822553 0.636334  17 6 0 -2.866306 -0.396917 -0.587721  18 6 0 -3.858834 0.164857 0.285701  19 6 0 -5.245511 -0.027988 -0.025613  20 6 0 -5.607446 -0.788251 -1.166487  21 6 0 -4.643107 -1.350078 -1.963473  22 6 0 -3.277581 -1.157817 -1.667278  23 6 0 -3.535773 0.875042 1.474245  24 6 0 -4.517394 1.393988 2.283939  25 6 0 -5.881183 1.231074 1.954568  26 6 0 -6.232664 0.531007 0.827858  27 6 0 0.875348 2.796882 -0.076932  28 7 0 0.115355 3.765922 -0.387749  29 6 0 0.573355 5.110852 -0.103205  30 6 0 -0.920099 -2.674331 -0.240389  31 7 0 -0.110076 -3.642717 -0.381197  32 6 0 -0.628775 -4.989650 -0.256461  33 1 0 -1.567066 1.952128 -0.381950  34 1 0 1.551824 -1.834647 -0.298247  35 1 0 2.572752 2.121012 -1.801614  36 1 0 4.952513 2.531187 -2.232605  37 1 0 6.676736 1.104161 -1.173050  38 1 0 2.527389 -1.318043 1.613754  39 1 0 4.267241 -2.596565 2.737696  40 1 0 6.659479 -2.318312 2.102122  41 1 0 7.280438 -0.660382 0.378836  42 1 0 -6.659869 -0.922796 -1.393063  43 1 0 -4.921668 -1.935648 -2.832275  44 1 0 -2.530384 -1.579848 -2.329564  45 1 0 -2.496663 0.998189 1.748872  46 1 0 -4.243471 1.928870 3.186385  47 1 0 -6.645859 1.650768 2.598408  48 1 0 -7.277735 0.386044 0.574485  49 1 0 1.859618 2.962927 0.380008  50 1 0 1.571491 5.152028 0.359034  51 1 0 -1.985439 -2.842505 -0.039988  52 1 0 -1.709896 -5.032034 -0.054811  53 1 0 0.587574 5.690613 -1.031548  54 1 0 -0.144604 5.601828 0.561506  55 1 0 -0.416815 -5.543554 -1.176430  56 1 0 -0.097684 -5.506283 0.549459 |
| TM\_NP\_model\_scan\_m\_30\_m\_60 | 1 6 0 -1.407425 -0.117061 -0.437197  2 6 0 -0.873279 1.168892 -0.367115  3 6 0 0.498418 1.414718 -0.263918  4 6 0 1.408722 0.324379 -0.228902  5 6 0 0.861873 -0.960900 -0.309791  6 6 0 -0.512644 -1.207950 -0.385760  7 6 0 2.879165 0.489496 -0.423118  8 6 0 3.347658 1.518084 -1.225150  9 6 0 4.721398 1.713070 -1.472955  10 6 0 5.650332 0.892492 -0.888702  11 6 0 5.241580 -0.127178 0.007293  12 6 0 3.845832 -0.317180 0.282229  13 6 0 3.501015 -1.260072 1.289811  14 6 0 4.458190 -2.011223 1.929685  15 6 0 5.823746 -1.865931 1.604299  16 6 0 6.202192 -0.935625 0.669896  17 6 0 -2.875393 -0.284435 -0.658377  18 6 0 -3.837068 0.149020 0.313279  19 6 0 -5.233056 0.007655 0.018323  20 6 0 -5.631206 -0.567873 -1.215136  21 6 0 -4.693179 -0.997326 -2.119076  22 6 0 -3.317931 -0.856934 -1.835755  23 6 0 -3.470128 0.689219 1.575850  24 6 0 -4.422802 1.088524 2.482111  25 6 0 -5.797399 0.968536 2.178750  26 6 0 -6.189359 0.437193 0.975476  27 6 0 0.931310 2.813770 -0.044351  28 7 0 0.199803 3.806895 -0.347649  29 6 0 0.682333 5.133974 -0.022745  30 6 0 -0.991464 -2.606959 -0.384519  31 7 0 -0.197522 -3.595223 -0.466222  32 6 0 -0.761069 -4.929040 -0.423830  33 1 0 -1.528967 2.030312 -0.398345  34 1 0 1.508685 -1.826442 -0.357077  35 1 0 2.637546 2.137338 -1.758413  36 1 0 5.031761 2.506467 -2.143356  37 1 0 6.708871 1.021187 -1.088215  38 1 0 2.465797 -1.376291 1.577016  39 1 0 4.160700 -2.716375 2.697631  40 1 0 6.568098 -2.473253 2.106719  41 1 0 7.250811 -0.789528 0.432400  42 1 0 -6.690353 -0.665316 -1.429146  43 1 0 -5.000345 -1.438612 -3.060484  44 1 0 -2.589623 -1.179354 -2.571426  45 1 0 -2.420603 0.780104 1.824059  46 1 0 -4.118477 1.495871 3.439722  47 1 0 -6.538883 1.290975 2.901027  48 1 0 -7.242944 0.331919 0.738270  49 1 0 1.909927 2.946525 0.435071  50 1 0 1.673148 5.141620 0.456727  51 1 0 -2.075393 -2.747538 -0.290719  52 1 0 -1.857228 -4.944900 -0.327047  53 1 0 0.725024 5.735594 -0.936182  54 1 0 -0.035869 5.624566 0.642023  55 1 0 -0.476711 -5.468596 -1.332777  56 1 0 -0.323115 -5.477991 0.415977 |
| TM\_NP\_model\_scan\_m\_30\_m\_70 | 1 6 0 -1.409891 -0.006189 -0.524913  2 6 0 -0.842866 1.259836 -0.397049  3 6 0 0.534269 1.460657 -0.264242  4 6 0 1.410945 0.342488 -0.253596  5 6 0 0.829528 -0.922272 -0.395741  6 6 0 -0.550219 -1.124471 -0.503715  7 6 0 2.889701 0.470731 -0.410061  8 6 0 3.406521 1.515174 -1.160133  9 6 0 4.790917 1.680185 -1.367131  10 6 0 5.681937 0.812102 -0.792573  11 6 0 5.222746 -0.229535 0.052223  12 6 0 3.815768 -0.390443 0.285371  13 6 0 3.419766 -1.363453 1.244464  14 6 0 4.339435 -2.166897 1.875742  15 6 0 5.716347 -2.046940 1.590457  16 6 0 6.143760 -1.090568 0.704763  17 6 0 -2.887481 -0.126020 -0.725083  18 6 0 -3.804518 0.130433 0.345266  19 6 0 -5.212130 0.039802 0.090235  20 6 0 -5.663557 -0.306813 -1.208884  21 6 0 -4.766000 -0.558691 -2.215205  22 6 0 -3.378536 -0.468476 -1.969324  23 6 0 -3.378362 0.453648 1.662118  24 6 0 -4.288364 0.690258 2.664092  25 6 0 -5.675551 0.614593 2.406130  26 6 0 -6.123262 0.294387 1.148559  27 6 0 1.003559 2.836369 0.017801  28 7 0 0.307861 3.862003 -0.260854  29 6 0 0.822659 5.159912 0.126766  30 6 0 -1.074373 -2.503922 -0.587728  31 7 0 -0.310090 -3.516986 -0.643609  32 6 0 -0.919519 -4.829752 -0.703669  33 1 0 -1.475691 2.138851 -0.394253  34 1 0 1.452403 -1.803421 -0.468761  35 1 0 2.727394 2.174716 -1.685417  36 1 0 5.139792 2.489518 -1.998414  37 1 0 6.748359 0.918552 -0.960758  38 1 0 2.374717 -1.463073 1.500697  39 1 0 4.003078 -2.894523 2.605744  40 1 0 6.430778 -2.694876 2.085532  41 1 0 7.201703 -0.964626 0.499238  42 1 0 -6.731062 -0.369785 -1.392211  43 1 0 -5.114683 -0.822389 -3.207307  44 1 0 -2.681546 -0.656173 -2.778529  45 1 0 -2.317759 0.510671 1.871441  46 1 0 -3.941103 0.935201 3.661574  47 1 0 -6.383050 0.806545 3.204935  48 1 0 -7.186920 0.228724 0.944172  49 1 0 1.975427 2.921318 0.521150  50 1 0 1.802912 5.117858 0.625718  51 1 0 -2.166740 -2.607268 -0.587673  52 1 0 -2.019708 -4.809141 -0.691666  53 1 0 0.902415 5.795931 -0.760516  54 1 0 0.105585 5.645148 0.796652  55 1 0 -0.583375 -5.340692 -1.611515  56 1 0 -0.566689 -5.428985 0.141766 |
| TM\_NP\_model\_scan\_m\_30\_m\_80 | 1 6 0 -1.406883 0.139399 -0.543128  2 6 0 -0.800740 1.375215 -0.335183  3 6 0 0.582111 1.520177 -0.182826  4 6 0 1.420099 0.374164 -0.234603  5 6 0 0.797952 -0.859878 -0.455727  6 6 0 -0.586614 -1.006772 -0.585285  7 6 0 2.903040 0.460613 -0.380340  8 6 0 3.458130 1.528019 -1.068011  9 6 0 4.848100 1.655559 -1.264367  10 6 0 5.706411 0.724775 -0.740408  11 6 0 5.208611 -0.346929 0.042715  12 6 0 3.796180 -0.471307 0.264884  13 6 0 3.363144 -1.484002 1.164971  14 6 0 4.252128 -2.354628 1.749431  15 6 0 5.633348 -2.266551 1.473511  16 6 0 6.096906 -1.275979 0.645445  17 6 0 -2.889071 0.078911 -0.749240  18 6 0 -3.791780 0.092571 0.361872  19 6 0 -5.202539 0.062319 0.110710  20 6 0 -5.670198 0.018120 -1.227703  21 6 0 -4.785300 0.001527 -2.275621  22 6 0 -3.394075 0.030860 -2.032430  23 6 0 -3.346307 0.124394 1.710877  24 6 0 -4.242465 0.132502 2.752552  25 6 0 -5.633131 0.109191 2.502358  26 6 0 -6.098749 0.074353 1.211279  27 6 0 1.096504 2.858745 0.185171  28 7 0 0.437108 3.922971 -0.029895  29 6 0 0.994437 5.175426 0.439757  30 6 0 -1.160385 -2.354557 -0.779110  31 7 0 -0.436648 -3.395953 -0.849764  32 6 0 -1.094305 -4.673613 -1.032736  33 1 0 -1.404835 2.272398 -0.278683  34 1 0 1.392021 -1.754792 -0.581882  35 1 0 2.803953 2.240325 -1.554687  36 1 0 5.227006 2.487074 -1.847690  37 1 0 6.776332 0.802849 -0.901800  38 1 0 2.314301 -1.562344 1.413198  39 1 0 3.888067 -3.111597 2.434946  40 1 0 6.323012 -2.966879 1.930949  41 1 0 7.159274 -1.175456 0.448945  42 1 0 -6.739989 -0.002153 -1.407384  43 1 0 -5.146348 -0.030682 -3.297380  44 1 0 -2.706363 0.024334 -2.870717  45 1 0 -2.282315 0.143480 1.910941  46 1 0 -3.882133 0.157037 3.774868  47 1 0 -6.329505 0.117800 3.333324  48 1 0 -7.165276 0.054202 1.012338  49 1 0 2.068820 2.878918 0.694390  50 1 0 1.969411 5.068093 0.939275  51 1 0 -2.254064 -2.407513 -0.852747  52 1 0 -2.191104 -4.604102 -1.088279  53 1 0 1.101792 5.862111 -0.405893  54 1 0 0.290547 5.642974 1.135683  55 1 0 -0.721042 -5.141371 -1.949323  56 1 0 -0.822149 -5.339574 -0.207684 |
| TM\_NP\_model\_scan\_m\_30\_m\_90 | 1 6 0 -1.404940 0.294157 -0.545390  2 6 0 -0.756392 1.491330 -0.258573  3 6 0 0.631119 1.577486 -0.098446  4 6 0 1.427762 0.408522 -0.223826  5 6 0 0.763565 -0.784590 -0.533479  6 6 0 -0.624209 -0.873068 -0.675206  7 6 0 2.913871 0.450093 -0.356019  8 6 0 3.513894 1.539769 -0.966553  9 6 0 4.909368 1.628035 -1.144921  10 6 0 5.728057 0.633025 -0.678767  11 6 0 5.184292 -0.468642 0.028570  12 6 0 3.766253 -0.554808 0.232184  13 6 0 3.287888 -1.606361 1.061910  14 6 0 4.138998 -2.544306 1.596402  15 6 0 5.525152 -2.489652 1.336889  16 6 0 6.032344 -1.466486 0.576782  17 6 0 -2.891849 0.295282 -0.727545  18 6 0 -3.768555 0.049074 0.376973  19 6 0 -5.184697 0.077576 0.160077  20 6 0 -5.683170 0.349239 -1.140041  21 6 0 -4.822782 0.581899 -2.182612  22 6 0 -3.425713 0.553098 -1.973105  23 6 0 -3.290647 -0.226447 1.686491  24 6 0 -4.161527 -0.461983 2.723036  25 6 0 -5.557681 -0.433077 2.507010  26 6 0 -6.054258 -0.168539 1.254522  27 6 0 1.190369 2.870297 0.357625  28 7 0 0.570329 3.968849 0.207892  29 6 0 1.166626 5.169062 0.759010  30 6 0 -1.243867 -2.177360 -0.988087  31 7 0 -0.562440 -3.244226 -1.090777  32 6 0 -1.261652 -4.473910 -1.403039  33 1 0 -1.329507 2.402052 -0.136461  34 1 0 1.327141 -1.687751 -0.724529  35 1 0 2.890695 2.306863 -1.408552  36 1 0 5.323972 2.481850 -1.668696  37 1 0 6.801552 0.681808 -0.827474  38 1 0 2.234468 -1.661406 1.296424  39 1 0 3.741231 -3.329270 2.229716  40 1 0 6.184549 -3.242308 1.754087  41 1 0 7.099553 -1.392823 0.395143  42 1 0 -6.756854 0.369964 -1.294848  43 1 0 -5.207825 0.790186 -3.174458  44 1 0 -2.757636 0.740435 -2.806283  45 1 0 -2.222143 -0.246289 1.861686  46 1 0 -3.776755 -0.669919 3.715136  47 1 0 -6.234033 -0.619538 3.333615  48 1 0 -7.125331 -0.144142 1.082194  49 1 0 2.158915 2.823040 0.872145  50 1 0 2.135117 4.997853 1.253316  51 1 0 -2.332587 -2.173630 -1.126769  52 1 0 -2.348929 -4.349273 -1.517663  53 1 0 1.300685 5.904882 -0.040211  54 1 0 0.475258 5.614183 1.481744  55 1 0 -0.852754 -4.894511 -2.327261  56 1 0 -1.069691 -5.206906 -0.613038 |
| TM\_NP\_model\_scan\_m\_30\_m\_100 | 1 6 0 -1.399408 0.417387 -0.503859  2 6 0 -0.714350 1.579854 -0.163562  3 6 0 0.675676 1.617851 -0.006239  4 6 0 1.437549 0.434426 -0.193715  5 6 0 0.737413 -0.722513 -0.558303  6 6 0 -0.652476 -0.763907 -0.696980  7 6 0 2.923576 0.440878 -0.332213  8 6 0 3.550979 1.542551 -0.891711  9 6 0 4.947369 1.600690 -1.074732  10 6 0 5.739910 0.560250 -0.666103  11 6 0 5.168800 -0.561009 -0.013189  12 6 0 3.750117 -0.617266 0.196416  13 6 0 3.246356 -1.697087 0.972960  14 6 0 4.072979 -2.686237 1.450558  15 6 0 5.458538 -2.657631 1.183776  16 6 0 5.990699 -1.610517 0.475081  17 6 0 -2.886666 0.470242 -0.666244  18 6 0 -3.762960 0.005313 0.366915  19 6 0 -5.179366 0.086924 0.164971  20 6 0 -5.679188 0.630681 -1.046311  21 6 0 -4.819854 1.079994 -2.016188  22 6 0 -3.422743 0.998728 -1.822481  23 6 0 -3.285716 -0.527327 1.594733  24 6 0 -4.156799 -0.964351 2.563674  25 6 0 -5.552935 -0.890594 2.358956  26 6 0 -6.049050 -0.375131 1.187084  27 6 0 1.273444 2.869545 0.511600  28 7 0 0.685422 3.991712 0.418358  29 6 0 1.317730 5.145057 1.026570  30 6 0 -1.307345 -2.027657 -1.093800  31 7 0 -0.663375 -3.115811 -1.212957  32 6 0 -1.392821 -4.299708 -1.619354  33 1 0 -1.260922 2.498237 0.010849  34 1 0 1.274059 -1.629776 -0.800587  35 1 0 2.947529 2.348348 -1.290049  36 1 0 5.383223 2.468213 -1.557101  37 1 0 6.813516 0.586311 -0.819676  38 1 0 2.193225 -1.733889 1.212124  39 1 0 3.656321 -3.492124 2.044176  40 1 0 6.098317 -3.450073 1.555328  41 1 0 7.058452 -1.558230 0.289217  42 1 0 -6.753085 0.687528 -1.190145  43 1 0 -5.205650 1.498528 -2.938883  44 1 0 -2.755041 1.353503 -2.599523  45 1 0 -2.217501 -0.580306 1.764330  46 1 0 -3.771868 -1.365780 3.494408  47 1 0 -6.229343 -1.238653 3.131490  48 1 0 -7.120103 -0.310914 1.025229  49 1 0 2.240801 2.768829 1.020668  50 1 0 2.282510 4.921337 1.506946  51 1 0 -2.386782 -1.973766 -1.284762  52 1 0 -2.466881 -4.124747 -1.782106  53 1 0 1.470429 5.916221 0.264887  54 1 0 0.641850 5.572706 1.774079  55 1 0 -0.953066 -4.693394 -2.541262  56 1 0 -1.271072 -5.076033 -0.857310 |
| TM\_NP\_model\_scan\_m\_30\_m\_110 | 1 6 0 -1.394558 0.511283 -0.458166  2 6 0 -0.677248 1.646251 -0.089454  3 6 0 0.714484 1.647667 0.054626  4 6 0 1.446416 0.453006 -0.173948  5 6 0 0.715862 -0.674372 -0.570927  6 6 0 -0.675193 -0.679197 -0.700397  7 6 0 2.931237 0.427568 -0.320940  8 6 0 3.582904 1.530415 -0.849652  9 6 0 4.979599 1.560877 -1.036679  10 6 0 5.748518 0.489970 -0.663085  11 6 0 5.152962 -0.637209 -0.043014  12 6 0 3.734012 -0.666386 0.170394  13 6 0 3.207056 -1.758488 0.913669  14 6 0 4.011394 -2.781782 1.356136  15 6 0 5.396477 -2.777232 1.085521  16 6 0 5.951202 -1.720827 0.408647  17 6 0 -2.881272 0.606792 -0.586571  18 6 0 -3.759065 -0.032257 0.349466  19 6 0 -5.175377 0.102543 0.176092  20 6 0 -5.675254 0.876551 -0.902480  21 6 0 -4.815428 1.499552 -1.770550  22 6 0 -3.419171 1.363941 -1.608166  23 6 0 -3.285793 -0.781770 1.460352  24 6 0 -4.159101 -1.382886 2.334839  25 6 0 -5.554790 -1.265064 2.149775  26 6 0 -6.047625 -0.535522 1.096462  27 6 0 1.345440 2.869493 0.603576  28 7 0 0.784925 4.007917 0.543829  29 6 0 1.449060 5.128093 1.179725  30 6 0 -1.355239 -1.908776 -1.159077  31 7 0 -0.744017 -3.015717 -1.276890  32 6 0 -1.491114 -4.160923 -1.755768  33 1 0 -1.200641 2.569551 0.124964  34 1 0 1.229902 -1.583973 -0.850374  35 1 0 2.997601 2.362289 -1.220503  36 1 0 5.434398 2.432101 -1.494262  37 1 0 6.821958 0.495377 -0.819917  38 1 0 2.154063 -1.778384 1.155477  39 1 0 3.577353 -3.596362 1.924906  40 1 0 6.018410 -3.595982 1.429298  41 1 0 7.019302 -1.687950 0.220353  42 1 0 -6.749141 0.971308 -1.024548  43 1 0 -5.200285 2.095788 -2.590139  44 1 0 -2.751809 1.853191 -2.308665  45 1 0 -2.218597 -0.870125 1.619709  46 1 0 -3.775604 -1.947874 3.177020  47 1 0 -6.232942 -1.745933 2.845724  48 1 0 -7.118219 -0.431495 0.953466  49 1 0 2.312437 2.731341 1.104446  50 1 0 2.409997 4.866800 1.648640  51 1 0 -2.420907 -1.811040 -1.401651  52 1 0 -2.548403 -3.943491 -1.968983  53 1 0 1.617843 5.915586 0.438402  54 1 0 0.787768 5.552164 1.942149  55 1 0 -1.016670 -4.544198 -2.664757  56 1 0 -1.436531 -4.961970 -1.011768 |
| TM\_NP\_model\_scan\_m\_30\_m\_120 | 1 6 0 -1.392266 0.562755 -0.448895  2 6 0 -0.656319 1.684664 -0.072647  3 6 0 0.735101 1.666859 0.068412  4 6 0 1.450689 0.463938 -0.168088  5 6 0 0.703697 -0.650232 -0.571678  6 6 0 -0.687239 -0.635766 -0.699245  7 6 0 2.934650 0.419115 -0.315918  8 6 0 3.600719 1.516614 -0.838012  9 6 0 4.997424 1.529403 -1.026530  10 6 0 5.751983 0.445061 -0.662433  11 6 0 5.141681 -0.678976 -0.051062  12 6 0 3.722790 -0.690210 0.164559  13 6 0 3.181657 -1.781890 0.898179  14 6 0 3.972172 -2.820812 1.329050  15 6 0 5.356773 -2.833074 1.056255  16 6 0 5.925320 -1.777931 0.388956  17 6 0 -2.878808 0.677858 -0.536473  18 6 0 -3.753660 -0.069459 0.322120  19 6 0 -5.170395 0.108482 0.191403  20 6 0 -5.674421 1.035303 -0.756560  21 6 0 -4.817809 1.772804 -1.533030  22 6 0 -3.422849 1.596158 -1.414433  23 6 0 -3.281085 -0.954762 1.329036  24 6 0 -4.153219 -1.648427 2.133379  25 6 0 -5.549023 -1.495392 1.979105  26 6 0 -6.041745 -0.632632 1.032207  27 6 0 1.382519 2.875039 0.628505  28 7 0 0.836819 4.021214 0.581357  29 6 0 1.516013 5.125434 1.229332  30 6 0 -1.375413 -1.846257 -1.196693  31 7 0 -0.787663 -2.968101 -1.288781  32 6 0 -1.535524 -4.089457 -1.820247  33 1 0 -1.166661 2.611152 0.158280  34 1 0 1.205353 -1.563432 -0.861427  35 1 0 3.026362 2.359163 -1.201814  36 1 0 5.463611 2.397800 -1.477990  37 1 0 6.825187 0.436920 -0.820758  38 1 0 2.128862 -1.789495 1.141615  39 1 0 3.527487 -3.634882 1.890268  40 1 0 5.967599 -3.663918 1.390814  41 1 0 6.993466 -1.758279 0.199097  42 1 0 -6.748520 1.158726 -0.847033  43 1 0 -5.204774 2.491080 -2.246896  44 1 0 -2.759089 2.174834 -2.046803  45 1 0 -2.214622 -1.072836 1.470113  46 1 0 -3.767571 -2.313744 2.897698  47 1 0 -6.226478 -2.051674 2.617090  48 1 0 -7.112023 -0.495552 0.917539  49 1 0 2.348018 2.719134 1.127013  50 1 0 2.473832 4.846177 1.694210  51 1 0 -2.422837 -1.718513 -1.497579  52 1 0 -2.572211 -3.842175 -2.093506  53 1 0 1.694337 5.919261 0.497072  54 1 0 0.861004 5.549028 1.997430  55 1 0 -1.018580 -4.479278 -2.702888  56 1 0 -1.546321 -4.896538 -1.080898 |
| TM\_NP\_model\_scan\_m\_30\_m\_130 | 1 6 0 -1.390377 0.607448 -0.437041  2 6 0 -0.634353 1.717782 -0.060505  3 6 0 0.757181 1.684326 0.069562  4 6 0 1.456316 0.471639 -0.164413  5 6 0 0.692641 -0.631380 -0.567315  6 6 0 -0.697884 -0.598688 -0.693877  7 6 0 2.938906 0.404615 -0.314080  8 6 0 3.621165 1.490195 -0.840121  9 6 0 5.017867 1.481165 -1.029037  10 6 0 5.756221 0.387162 -0.660545  11 6 0 5.129319 -0.725244 -0.044653  12 6 0 3.710370 -0.714706 0.170345  13 6 0 3.152640 -1.795400 0.907695  14 6 0 3.927610 -2.843922 1.343588  15 6 0 5.312125 -2.877392 1.072180  16 6 0 5.896520 -1.833615 0.400652  17 6 0 -2.876393 0.741278 -0.476066  18 6 0 -3.752206 -0.096579 0.297755  19 6 0 -5.168048 0.119906 0.215662  20 6 0 -5.671261 1.180435 -0.579381  21 6 0 -4.813176 2.013069 -1.250950  22 6 0 -3.421740 1.795309 -1.187935  23 6 0 -3.286203 -1.103177 1.187588  24 6 0 -4.160870 -1.882658 1.905979  25 6 0 -5.555785 -1.700043 1.781270  26 6 0 -6.042983 -0.714937 0.959839  27 6 0 1.422043 2.887625 0.619937  28 7 0 0.892132 4.040745 0.563066  29 6 0 1.587730 5.141661 1.199255  30 6 0 -1.389878 -1.791251 -1.230487  31 7 0 -0.823964 -2.925573 -1.302416  32 6 0 -1.568438 -4.024528 -1.883456  33 1 0 -1.130238 2.648198 0.184515  34 1 0 1.181947 -1.549618 -0.862175  35 1 0 3.059335 2.339888 -1.206869  36 1 0 5.496945 2.340626 -1.484089  37 1 0 6.829192 0.362467 -0.818740  38 1 0 2.099609 -1.786606 1.150203  39 1 0 3.470662 -3.649046 1.907855  40 1 0 5.910551 -3.715470 1.411082  41 1 0 6.964976 -1.830384 0.211576  42 1 0 -6.744354 1.331061 -0.631977  43 1 0 -5.196798 2.837114 -1.841713  44 1 0 -2.760264 2.447471 -1.746770  45 1 0 -2.221668 -1.248398 1.311868  46 1 0 -3.776447 -2.639076 2.580929  47 1 0 -6.235604 -2.326826 2.347281  48 1 0 -7.111883 -0.548512 0.875248  49 1 0 2.386218 2.722798 1.118086  50 1 0 2.541652 4.853371 1.666550  51 1 0 -2.417079 -1.636913 -1.584155  52 1 0 -2.584063 -3.751074 -2.206187  53 1 0 1.777281 5.924910 0.458428  54 1 0 0.939468 5.583013 1.963022  55 1 0 -1.015911 -4.417534 -2.742819  56 1 0 -1.635051 -4.838235 -1.154369 |
| TM\_NP\_model\_scan\_m\_30\_m\_140 | 1 6 0 -1.392562 0.635157 -0.468592  2 6 0 -0.624129 1.741040 -0.097105  3 6 0 0.765958 1.698973 0.037815  4 6 0 1.456878 0.477871 -0.175476  5 6 0 0.685015 -0.622230 -0.569352  6 6 0 -0.704369 -0.579453 -0.704154  7 6 0 2.939394 0.395693 -0.313380  8 6 0 3.634966 1.468480 -0.848357  9 6 0 5.032651 1.444229 -1.028057  10 6 0 5.758363 0.347721 -0.642069  11 6 0 5.117194 -0.751576 -0.017425  12 6 0 3.697152 -0.725164 0.188579  13 6 0 3.124406 -1.791987 0.934530  14 6 0 3.886446 -2.843044 1.386746  15 6 0 5.272228 -2.892803 1.124303  16 6 0 5.870886 -1.862198 0.445035  17 6 0 -2.878726 0.773453 -0.453849  18 6 0 -3.744682 -0.122105 0.270513  19 6 0 -5.160072 0.117409 0.251077  20 6 0 -5.672030 1.260851 -0.411218  21 6 0 -4.820371 2.157534 -1.003564  22 6 0 -3.432575 1.916903 -1.006857  23 6 0 -3.273053 -1.199021 1.071154  24 6 0 -4.139722 -2.027250 1.743342  25 6 0 -5.535208 -1.828804 1.660622  26 6 0 -6.028192 -0.772757 0.937336  27 6 0 1.436439 2.902603 0.581048  28 7 0 0.914996 4.058865 0.511448  29 6 0 1.614693 5.160189 1.142499  30 6 0 -1.390803 -1.762765 -1.270437  31 7 0 -0.836376 -2.903276 -1.329304  32 6 0 -1.570325 -3.987467 -1.950294  33 1 0 -1.110037 2.675778 0.149671  34 1 0 1.167409 -1.547340 -0.853930  35 1 0 3.083287 2.318870 -1.228657  36 1 0 5.522741 2.293753 -1.489989  37 1 0 6.832008 0.311182 -0.793217  38 1 0 2.070053 -1.769950 1.170410  39 1 0 3.418369 -3.637467 1.957024  40 1 0 5.860398 -3.732811 1.476129  41 1 0 6.940475 -1.871391 0.262696  42 1 0 -6.744280 1.425498 -0.418238  43 1 0 -5.206887 3.049896 -1.482554  44 1 0 -2.782263 2.620568 -1.513442  45 1 0 -2.209070 -1.360141 1.171076  46 1 0 -3.746777 -2.834297 2.351438  47 1 0 -6.209126 -2.496019 2.185966  48 1 0 -7.096384 -0.587387 0.893040  49 1 0 2.396664 2.735445 1.085970  50 1 0 2.564411 4.869306 1.616697  51 1 0 -2.401089 -1.593167 -1.664167  52 1 0 -2.569140 -3.698189 -2.309614  53 1 0 1.812955 5.936530 0.396727  54 1 0 0.965694 5.611443 1.899843  55 1 0 -0.989332 -4.378714 -2.791494  56 1 0 -1.675537 -4.807423 -1.232861 |
| TM\_NP\_model\_scan\_m\_30\_p\_20 | 1 6 0 -1.401947 0.365276 0.064556  2 6 0 -0.947568 -0.932578 -0.210021  3 6 0 0.396730 -1.310255 -0.195267  4 6 0 1.398233 -0.336410 0.045134  5 6 0 0.951506 0.964878 0.303726  6 6 0 -0.392972 1.340005 0.294210  7 6 0 2.818779 -0.680904 0.333936  8 6 0 3.112144 -1.873197 0.977117  9 6 0 4.431153 -2.245882 1.304859  10 6 0 5.481632 -1.435179 0.962060  11 6 0 5.255981 -0.239182 0.235139  12 6 0 3.917547 0.136353 -0.121488  13 6 0 3.758449 1.274141 -0.959809  14 6 0 4.836490 2.027300 -1.360737  15 6 0 6.144001 1.687663 -0.952526  16 6 0 6.344616 0.572080 -0.179707  17 6 0 -2.813203 0.708071 -0.277473  18 6 0 -3.921333 -0.160730 0.057471  19 6 0 -5.247855 0.222481 -0.336403  20 6 0 -5.465846 1.480646 -0.951988  21 6 0 -4.420455 2.344441 -1.143904  22 6 0 -3.111695 1.962946 -0.787977  23 6 0 -3.793025 -1.353872 0.821774  24 6 0 -4.877214 -2.152105 1.101664  25 6 0 -6.164301 -1.808433 0.637986  26 6 0 -6.341273 -0.638245 -0.055293  27 6 0 0.721486 -2.688221 -0.629564  28 7 0 -0.122312 -3.635267 -0.560557  29 6 0 0.262626 -4.930761 -1.084334  30 6 0 -0.705670 2.713456 0.754915  31 7 0 0.126964 3.667611 0.657121  32 6 0 -0.239859 4.952503 1.218980  33 1 0 -1.647741 -1.694497 -0.519897  34 1 0 1.659090 1.730220 0.590584  35 1 0 2.300000 -2.499760 1.323602  36 1 0 4.602529 -3.169893 1.845277  37 1 0 6.499011 -1.703183 1.226635  38 1 0 2.772277 1.546303 -1.307803  39 1 0 4.679748 2.886126 -2.003540  40 1 0 6.984676 2.296086 -1.266305  41 1 0 7.347071 0.280498 0.115958  42 1 0 -6.474198 1.753586 -1.244507  43 1 0 -4.585221 3.319186 -1.588775  44 1 0 -2.304108 2.637793 -1.038202  45 1 0 -2.828358 -1.634377 1.218088  46 1 0 -4.740059 -3.050037 1.693483  47 1 0 -7.008848 -2.453728 0.851576  48 1 0 -7.330491 -0.337724 -0.384674  49 1 0 1.723328 -2.840079 -1.051773  50 1 0 1.286859 -4.960754 -1.486138  51 1 0 -1.685755 2.851924 1.230347  52 1 0 -1.243640 4.969443 1.670300  53 1 0 0.168688 -5.681969 -0.293756  54 1 0 -0.435837 -5.219839 -1.876056  55 1 0 0.494250 5.234038 1.980598  56 1 0 -0.188766 5.716508 0.436808 |
| TM\_NP\_model\_scan\_m\_30\_p\_30 | 1 6 0 1.398778 0.334826 0.020198  2 6 0 0.934118 -0.957242 0.292936  3 6 0 -0.414628 -1.317633 0.257919  4 6 0 -1.398699 -0.334662 -0.020811  5 6 0 -0.934036 0.957447 -0.293462  6 6 0 0.414707 1.317841 -0.258459  7 6 0 -2.816874 -0.669118 -0.334972  8 6 0 -3.109963 -1.868891 -0.964026  9 6 0 -4.426149 -2.234109 -1.311174  10 6 0 -5.474886 -1.408082 -1.001475  11 6 0 -5.251211 -0.202707 -0.289574  12 6 0 -3.916055 0.165825 0.086255  13 6 0 -3.761718 1.315310 0.909399  14 6 0 -4.839715 2.084733 1.278248  15 6 0 -6.142590 1.750940 0.850896  16 6 0 -6.339491 0.625236 0.091939  17 6 0 2.816912 0.669193 0.334682  18 6 0 3.916089 -0.165815 -0.086355  19 6 0 5.251208 0.202499 0.289922  20 6 0 5.474840 1.407728 1.002042  21 6 0 4.426111 2.233829 1.311619  22 6 0 3.109986 1.868804 0.964097  23 6 0 3.761868 -1.315242 -0.909619  24 6 0 4.839873 -2.084789 -1.278157  25 6 0 6.142673 -1.751206 -0.850373  26 6 0 6.339493 -0.625562 -0.091322  27 6 0 -0.767001 -2.684868 0.704655  28 7 0 0.065311 -3.643784 0.668859  29 6 0 -0.348821 -4.926082 1.202641  30 6 0 0.766978 2.685167 -0.704987  31 7 0 -0.065487 3.643975 -0.669120  32 6 0 0.348505 4.926378 -1.202737  33 1 0 1.627459 -1.724392 0.608669  34 1 0 -1.627414 1.724603 -0.609088  35 1 0 -2.297818 -2.509144 -1.284471  36 1 0 -4.596337 -3.165118 -1.839837  37 1 0 -6.489682 -1.670594 -1.281061  38 1 0 -2.779550 1.583622 1.271379  39 1 0 -4.686781 2.952090 1.910433  40 1 0 -6.983075 2.372138 1.139124  41 1 0 -7.339024 0.338499 -0.218016  42 1 0 6.489599 1.670115 1.281889  43 1 0 4.596283 3.164680 1.840568  44 1 0 2.297826 2.509039 1.284542  45 1 0 2.779794 -1.583360 -1.272015  46 1 0 4.687012 -2.952149 -1.910353  47 1 0 6.983169 -2.372502 -1.138366  48 1 0 7.338981 -0.338967 0.218918  49 1 0 -1.779845 -2.817196 1.106715  50 1 0 -1.382046 -4.936562 1.581821  51 1 0 1.779865 2.817822 -1.106776  52 1 0 1.381649 4.936963 -1.582143  53 1 0 -0.247624 -5.690168 0.425385  54 1 0 0.327948 -5.212824 2.013856  55 1 0 -0.328414 5.213327 -2.013761  56 1 0 0.247437 5.690261 -0.425270 |
| TM\_NP\_model\_scan\_m\_30\_p\_40 | 1 6 0 -1.395607 -0.308883 0.107821  2 6 0 -0.919614 0.977251 0.378253  3 6 0 0.432596 1.322052 0.319232  4 6 0 1.398653 0.331163 0.003728  5 6 0 0.915697 -0.951683 -0.280661  6 6 0 -0.436422 -1.297888 -0.219428  7 6 0 2.813605 0.655388 -0.337195  8 6 0 3.107124 1.861062 -0.954433  9 6 0 4.420213 2.218292 -1.321194  10 6 0 5.466365 1.378377 -1.041855  11 6 0 5.243978 0.165720 -0.342011  12 6 0 3.912240 -0.195440 0.052726  13 6 0 3.761862 -1.354106 0.863697  14 6 0 4.839052 -2.137598 1.204106  15 6 0 6.137274 -1.810105 0.758128  16 6 0 6.331103 -0.676809 0.009790  17 6 0 -2.822331 -0.630677 0.394085  18 6 0 -3.906023 0.168550 -0.115395  19 6 0 -5.251102 -0.176224 0.245734  20 6 0 -5.491269 -1.316891 1.052876  21 6 0 -4.448869 -2.100799 1.475346  22 6 0 -3.123434 -1.759650 1.137507  23 6 0 -3.720644 1.264057 -1.002720  24 6 0 -4.786026 2.002064 -1.460599  25 6 0 -6.103544 1.686754 -1.063208  26 6 0 -6.326620 0.615967 -0.234795  27 6 0 0.811424 2.680137 0.772332  28 7 0 -0.009825 3.649147 0.766125  29 6 0 0.432442 4.920931 1.302349  30 6 0 -0.825187 -2.659882 -0.648301  31 7 0 0.004723 -3.621217 -0.677910  32 6 0 -0.453712 -4.902366 -1.176655  33 1 0 -1.604918 1.749510 0.701411  34 1 0 1.594232 -1.720479 -0.623700  35 1 0 2.295728 2.513789 -1.250703  36 1 0 4.589729 3.154831 -1.840228  37 1 0 6.478447 1.635171 -1.336209  38 1 0 2.783684 -1.618135 1.239358  39 1 0 4.689255 -3.011387 1.828144  40 1 0 6.976974 -2.442327 1.023788  41 1 0 7.327617 -0.395138 -0.314224  42 1 0 -6.513465 -1.562841 1.320426  43 1 0 -4.632776 -2.978838 2.084047  44 1 0 -2.314382 -2.365046 1.528217  45 1 0 -2.722871 1.515012 -1.335011  46 1 0 -4.612849 2.830403 -2.138273  47 1 0 -6.934454 2.281753 -1.425105  48 1 0 -7.336372 0.349090 0.059391  49 1 0 1.834823 2.796194 1.151960  50 1 0 1.474264 4.915184 1.657368  51 1 0 -1.866372 -2.788865 -0.969974  52 1 0 -1.513510 -4.909965 -1.473460  53 1 0 0.322699 5.693691 0.534893  54 1 0 -0.221732 5.208078 2.131755  55 1 0 0.156670 -5.191753 -2.038059  56 1 0 -0.294053 -5.666055 -0.408873 |
| TM\_NP\_model\_scan\_m\_30\_p\_50 | 1 6 0 -1.394424 -0.277933 0.207889  2 6 0 -0.902353 1.001457 0.472162  3 6 0 0.453427 1.327694 0.387318  4 6 0 1.397982 0.326746 0.037110  5 6 0 0.893247 -0.947163 -0.249058  6 6 0 -0.462046 -1.276109 -0.157264  7 6 0 2.807963 0.637704 -0.337381  8 6 0 3.100117 1.845974 -0.950052  9 6 0 4.407698 2.191906 -1.346202  10 6 0 5.450677 1.337547 -1.101168  11 6 0 5.231727 0.120769 -0.407406  12 6 0 3.906103 -0.229087 0.017068  13 6 0 3.762749 -1.393461 0.821108  14 6 0 4.839030 -2.191934 1.127823  15 6 0 6.129412 -1.875053 0.652394  16 6 0 6.317509 -0.737192 -0.090428  17 6 0 -2.831410 -0.576892 0.471739  18 6 0 -3.890111 0.170791 -0.148589  19 6 0 -5.248648 -0.138686 0.192075  20 6 0 -5.519770 -1.187069 1.107631  21 6 0 -4.494951 -1.913159 1.658288  22 6 0 -3.156560 -1.608693 1.334285  23 6 0 -3.661363 1.184527 -1.118607  24 6 0 -4.704537 1.874230 -1.688562  25 6 0 -6.039016 1.588442 -1.325215  26 6 0 -6.300801 0.600244 -0.409727  27 6 0 0.862649 2.675836 0.843644  28 7 0 0.054491 3.655351 0.872825  29 6 0 0.529576 4.915152 1.409094  30 6 0 -0.888209 -2.633250 -0.562466  31 7 0 -0.066546 -3.596785 -0.664155  32 6 0 -0.569552 -4.876254 -1.122172  33 1 0 -1.576179 1.781945 0.801502  34 1 0 1.553574 -1.721052 -0.615622  35 1 0 2.289365 2.510885 -1.219754  36 1 0 4.575020 3.131545 -1.860328  37 1 0 6.458035 1.585714 -1.418250  38 1 0 2.791127 -1.649697 1.218535  39 1 0 4.694868 -3.069574 1.747780  40 1 0 6.968154 -2.519134 0.891219  41 1 0 7.308794 -0.463790 -0.436794  42 1 0 -6.551776 -1.407780 1.359250  43 1 0 -4.704149 -2.717378 2.354565  44 1 0 -2.359650 -2.170709 1.807570  45 1 0 -2.646724 1.410154 -1.418059  46 1 0 -4.501587 2.641723 -2.426909  47 1 0 -6.852591 2.143812 -1.778086  48 1 0 -7.323171 0.361770 -0.135295  49 1 0 1.898173 2.774400 1.194186  50 1 0 1.581546 4.892059 1.732078  51 1 0 -1.953265 -2.758566 -0.794308  52 1 0 -1.650799 -4.880674 -1.327300  53 1 0 0.406814 5.697855 0.653769  54 1 0 -0.095314 5.201448 2.261089  55 1 0 -0.035617 -5.166801 -2.032576  56 1 0 -0.346948 -5.640636 -0.370944 |
| TM\_NP\_model\_scan\_m\_30\_p\_60 | 1 6 0 1.394330 -0.239745 -0.303676  2 6 0 0.883012 1.032926 -0.555929  3 6 0 -0.476015 1.338763 -0.443878  4 6 0 -1.397304 0.324788 -0.068130  5 6 0 -0.868888 -0.940805 0.211377  6 6 0 0.489137 -1.249837 0.089142  7 6 0 -2.802555 0.617091 0.339460  8 6 0 -3.097414 1.822893 0.955512  9 6 0 -4.400060 2.151294 1.381809  10 6 0 -5.436271 1.281599 1.163686  11 6 0 -5.216548 0.066385 0.467429  12 6 0 -3.896462 -0.265672 0.012502  13 6 0 -3.755848 -1.429248 -0.793210  14 6 0 -4.827771 -2.242984 -1.073816  15 6 0 -6.110868 -1.943575 -0.568280  16 6 0 -6.297308 -0.807307 0.177372  17 6 0 2.841560 -0.508970 -0.554064  18 6 0 3.870795 0.165527 0.183434  19 6 0 5.242399 -0.096289 -0.142773  20 6 0 5.551287 -1.021431 -1.172245  21 6 0 4.550660 -1.671024 -1.849143  22 6 0 3.199080 -1.413574 -1.536037  23 6 0 3.595491 1.066351 1.247924  24 6 0 4.611213 1.690110 1.931727  25 6 0 5.960814 1.446435 1.592885  26 6 0 6.265391 0.570388 0.581188  27 6 0 -0.916291 2.679284 -0.893606  28 7 0 -0.123039 3.669709 -0.950410  29 6 0 -0.631319 4.920571 -1.476882  30 6 0 0.950698 -2.603465 0.463898  31 7 0 0.143361 -3.569355 0.634279  32 6 0 0.686743 -4.848627 1.043567  33 1 0 1.542896 1.824247 -0.888738  34 1 0 -1.509553 -1.723346 0.594304  35 1 0 -2.290154 2.500025 1.204456  36 1 0 -4.568507 3.089876 1.897504  37 1 0 -6.439270 1.516307 1.503983  38 1 0 -2.790261 -1.672229 -1.213045  39 1 0 -4.686072 -3.119322 -1.696190  40 1 0 -6.945901 -2.599691 -0.786429  41 1 0 -7.283898 -0.547259 0.546666  42 1 0 6.592741 -1.207951 -1.412429  43 1 0 4.789623 -2.378331 -2.635262  44 1 0 2.420307 -1.917027 -2.097866  45 1 0 2.566638 1.258256 1.522947  46 1 0 4.375835 2.372979 2.740242  47 1 0 6.752501 1.947917 2.138061  48 1 0 7.299441 0.369403 0.320825  49 1 0 -1.962764 2.762229 -1.214388  50 1 0 -1.692226 4.881895 -1.767598  51 1 0 2.032011 -2.725977 0.603947  52 1 0 1.781112 -4.849580 1.159513  53 1 0 -0.496363 5.708061 -0.728656  54 1 0 -0.036542 5.211698 -2.348578  55 1 0 0.229790 -5.145391 1.992981  56 1 0 0.406261 -5.610387 0.309198 |
| TM\_NP\_model\_scan\_m\_30\_p\_70 | 1 6 0 1.395377 -0.166359 -0.398968  2 6 0 0.853398 1.097148 -0.624121  3 6 0 -0.510789 1.369351 -0.483232  4 6 0 -1.399865 0.330340 -0.097713  5 6 0 -0.837837 -0.926386 0.154992  6 6 0 0.524035 -1.202146 -0.000996  7 6 0 -2.801305 0.586523 0.346703  8 6 0 -3.107616 1.778411 0.983743  9 6 0 -4.405858 2.071509 1.447741  10 6 0 -5.426959 1.179990 1.247296  11 6 0 -5.197678 -0.021899 0.531276  12 6 0 -3.882929 -0.317409 0.037508  13 6 0 -3.737146 -1.467535 -0.786367  14 6 0 -4.797010 -2.302907 -1.048573  15 6 0 -6.072480 -2.040246 -0.504775  16 6 0 -6.265161 -0.917530 0.259591  17 6 0 2.852540 -0.392257 -0.648297  18 6 0 3.850105 0.160333 0.219252  19 6 0 5.233570 -0.051279 -0.091303  20 6 0 5.582370 -0.802911 -1.242423  21 6 0 4.609287 -1.329917 -2.052946  22 6 0 3.245438 -1.123286 -1.752057  23 6 0 3.527872 0.895638 1.392021  24 6 0 4.513593 1.405885 2.202014  25 6 0 5.876420 1.207397 1.886120  26 6 0 6.224586 0.493462 0.766530  27 6 0 -0.992363 2.702654 -0.911410  28 7 0 -0.222485 3.710157 -0.986959  29 6 0 -0.773038 4.952076 -1.491471  30 6 0 1.029415 -2.552299 0.324145  31 7 0 0.250537 -3.529051 0.553935  32 6 0 0.841174 -4.807048 0.895733  33 1 0 1.491160 1.908610 -0.952093  34 1 0 -1.452236 -1.728776 0.540023  35 1 0 -2.309932 2.471374 1.219659  36 1 0 -4.582281 3.000269 1.978345  37 1 0 -6.425710 1.387203 1.616686  38 1 0 -2.777820 -1.682373 -1.234957  39 1 0 -4.651892 -3.168083 -1.685615  40 1 0 -6.897515 -2.713421 -0.708494  41 1 0 -7.247238 -0.685218 0.658239  42 1 0 6.632421 -0.954067 -1.469841  43 1 0 4.879628 -1.902744 -2.932840  44 1 0 2.487674 -1.533594 -2.410289  45 1 0 2.486884 1.051383 1.644866  46 1 0 4.245084 1.964376 3.091645  47 1 0 6.644251 1.617794 2.532261  48 1 0 7.269025 0.331978 0.520505  49 1 0 -2.049474 2.764945 -1.200479  50 1 0 -1.841753 4.892483 -1.748123  51 1 0 2.120256 -2.663328 0.366966  52 1 0 1.941394 -4.796413 0.915280  53 1 0 -0.630197 5.739602 -0.744787  54 1 0 -0.212779 5.258399 -2.380685  55 1 0 0.472331 -5.121895 1.877094  56 1 0 0.505471 -5.562066 0.177730 |
| TM\_NP\_model\_scan\_m\_30\_p\_80 | 1 6 0 1.396004 -0.068551 -0.472429  2 6 0 0.818353 1.184788 -0.655360  3 6 0 -0.550866 1.415821 -0.486018  4 6 0 -1.404785 0.343274 -0.113777  5 6 0 -0.805661 -0.904700 0.094257  6 6 0 0.560257 -1.138524 -0.091512  7 6 0 -2.804142 0.549063 0.362627  8 6 0 -3.130183 1.714294 1.038055  9 6 0 -4.426298 1.957787 1.535569  10 6 0 -5.426368 1.043742 1.330343  11 6 0 -5.178824 -0.130645 0.575958  12 6 0 -3.866853 -0.375085 0.048266  13 6 0 -3.706660 -1.496487 -0.811866  14 6 0 -4.748504 -2.353020 -1.077767  15 6 0 -6.019283 -2.141904 -0.501359  16 6 0 -6.226838 -1.047515 0.299270  17 6 0 2.861374 -0.242824 -0.726775  18 6 0 3.831727 0.143094 0.252603  19 6 0 5.223970 -0.009581 -0.051681  20 6 0 5.606936 -0.538073 -1.311054  21 6 0 4.658323 -0.903990 -2.231863  22 6 0 3.285228 -0.754635 -1.936215  23 6 0 3.471364 0.663566 1.524909  24 6 0 4.431034 1.020277 2.441374  25 6 0 5.803262 0.875353 2.136560  26 6 0 6.187311 0.371542 0.918554  27 6 0 -1.074935 2.746555 -0.869859  28 7 0 -0.332573 3.775226 -0.934902  29 6 0 -0.924516 5.014785 -1.396279  30 6 0 1.108715 -2.486346 0.165124  31 7 0 0.364245 -3.483158 0.420892  32 6 0 0.997794 -4.760306 0.678331  33 1 0 1.430348 2.022590 -0.965727  34 1 0 -1.392312 -1.735006 0.463205  35 1 0 -2.347215 2.422563 1.277887  36 1 0 -4.617389 2.866293 2.095369  37 1 0 -6.422659 1.212554 1.725050  38 1 0 -2.751167 -1.671452 -1.285323  39 1 0 -4.593061 -3.195056 -1.742785  40 1 0 -6.829599 -2.831653 -0.708692  41 1 0 -7.206589 -0.854040 0.723560  42 1 0 6.663308 -0.647073 -1.533267  43 1 0 4.955098 -1.305711 -3.194151  44 1 0 2.546822 -1.040790 -2.676934  45 1 0 2.422273 0.779085 1.766770  46 1 0 4.135167 1.416324 3.406306  47 1 0 6.550146 1.162492 2.868138  48 1 0 7.239243 0.255857 0.678726  49 1 0 -2.139017 2.788842 -1.136161  50 1 0 -1.996491 4.934304 -1.632904  51 1 0 2.201696 -2.578568 0.127795  52 1 0 2.096041 -4.731214 0.616244  53 1 0 -0.786003 5.786761 -0.632719  54 1 0 -0.390599 5.357569 -2.288402  55 1 0 0.708003 -5.110579 1.674114  56 1 0 0.620638 -5.499110 -0.035948 |
| TM\_NP\_model\_scan\_m\_30\_p\_90 | 1 6 0 1.397870 0.061088 -0.528950  2 6 0 0.777923 1.301362 -0.647615  3 6 0 -0.596416 1.478746 -0.453988  4 6 0 -1.410196 0.362828 -0.122464  5 6 0 -0.769488 -0.874723 0.012853  6 6 0 0.600328 -1.054533 -0.200928  7 6 0 -2.807297 0.500965 0.384152  8 6 0 -3.156768 1.621626 1.120673  9 6 0 -4.450247 1.799481 1.651860  10 6 0 -5.424772 0.864325 1.420839  11 6 0 -5.154881 -0.264258 0.606568  12 6 0 -3.846454 -0.440571 0.044025  13 6 0 -3.668064 -1.513838 -0.872142  14 6 0 -4.687302 -2.390387 -1.159645  15 6 0 -5.952408 -2.248469 -0.550470  16 6 0 -6.178595 -1.200524 0.305398  17 6 0 2.870647 -0.046945 -0.780646  18 6 0 3.811620 0.118832 0.285495  19 6 0 5.212144 0.027196 -0.003461  20 6 0 5.632290 -0.222157 -1.335352  21 6 0 4.711480 -0.374670 -2.340428  22 6 0 3.329568 -0.286267 -2.059302  23 6 0 3.412603 0.369031 1.626127  24 6 0 4.343914 0.519548 2.625244  25 6 0 5.724559 0.429102 2.338156  26 6 0 6.145523 0.189153 1.053453  27 6 0 -1.167992 2.808104 -0.767770  28 7 0 -0.459439 3.862019 -0.796740  29 6 0 -1.097638 5.101611 -1.191444  30 6 0 1.192486 -2.398995 -0.043691  31 7 0 0.487336 -3.424429 0.209962  32 6 0 1.161579 -4.698322 0.355338  33 1 0 1.359812 2.173878 -0.917678  34 1 0 -1.325088 -1.742522 0.341472  35 1 0 -2.391996 2.342438 1.381086  36 1 0 -4.658856 2.673919 2.257760  37 1 0 -6.418084 0.981804 1.840859  38 1 0 -2.717121 -1.634780 -1.371006  39 1 0 -4.518482 -3.194417 -1.867101  40 1 0 -6.744378 -2.953712 -0.775777  41 1 0 -7.155384 -1.059314 0.756282  42 1 0 6.694786 -0.288717 -1.544792  43 1 0 5.036744 -0.562795 -3.357408  44 1 0 2.613209 -0.407503 -2.864232  45 1 0 2.356682 0.444792 1.853893  46 1 0 4.019039 0.711213 3.641705  47 1 0 6.448969 0.551205 3.135553  48 1 0 7.204318 0.119923 0.826148  49 1 0 -2.237108 2.828176 -1.015752  50 1 0 -2.170202 4.997458 -1.415884  51 1 0 2.282110 -2.463504 -0.158615  52 1 0 2.251834 -4.641504 0.217901  53 1 0 -0.971287 5.841838 -0.395029  54 1 0 -0.589284 5.501961 -2.074487  55 1 0 0.949992 -5.104725 1.349467  56 1 0 0.748399 -5.408263 -0.368222 |
| TM\_NP\_model\_scan\_m\_30\_p\_100 | 1 6 0 1.394517 0.199668 -0.521803  2 6 0 0.734189 1.423876 -0.565325  3 6 0 -0.644495 1.545360 -0.359024  4 6 0 -1.420980 0.386283 -0.093809  5 6 0 -0.740304 -0.836044 -0.034038  6 6 0 0.633020 -0.959247 -0.262719  7 6 0 -2.821836 0.448009 0.417443  8 6 0 -3.208911 1.511731 1.216964  9 6 0 -4.508456 1.616532 1.752625  10 6 0 -5.451612 0.665507 1.463807  11 6 0 -5.143948 -0.404152 0.585678  12 6 0 -3.829631 -0.504601 0.017968  13 6 0 -3.615894 -1.514580 -0.960536  14 6 0 -4.605809 -2.404773 -1.303136  15 6 0 -5.875407 -2.340616 -0.690154  16 6 0 -6.136269 -1.353486 0.226048  17 6 0 2.868943 0.158452 -0.780147  18 6 0 3.808166 0.080480 0.298313  19 6 0 5.209290 0.054460 -0.001667  20 6 0 5.632526 0.114365 -1.354370  21 6 0 4.714206 0.201118 -2.369298  22 6 0 3.331839 0.223869 -2.078145  23 6 0 3.408361 0.035819 1.661082  24 6 0 4.338563 -0.040062 2.669820  25 6 0 5.719353 -0.073554 2.371372  26 6 0 6.141309 -0.025591 1.065761  27 6 0 -1.258581 2.872389 -0.591060  28 7 0 -0.583686 3.948137 -0.558241  29 6 0 -1.262826 5.188122 -0.875878  30 6 0 1.263055 -2.295002 -0.213973  31 7 0 0.596868 -3.349904 0.023461  32 6 0 1.304321 -4.613778 0.048874  33 1 0 1.287467 2.329901 -0.779176  34 1 0 -1.267483 -1.740327 0.238162  35 1 0 -2.468069 2.239777 1.522351  36 1 0 -4.746548 2.446880 2.407664  37 1 0 -6.449023 0.726179 1.886168  38 1 0 -2.661108 -1.574083 -1.463099  39 1 0 -4.410329 -3.158594 -2.057460  40 1 0 -6.643917 -3.056295 -0.959447  41 1 0 -7.117645 -1.271010 0.681504  42 1 0 6.695454 0.094039 -1.571039  43 1 0 5.041595 0.250978 -3.401650  44 1 0 2.617302 0.287964 -2.891120  45 1 0 2.352771 0.069252 1.900363  46 1 0 4.012452 -0.070759 3.703376  47 1 0 6.442692 -0.133102 3.176797  48 1 0 7.200226 -0.045513 0.829635  49 1 0 -2.328745 2.873590 -0.835153  50 1 0 -2.332629 5.063236 -1.102923  51 1 0 2.344205 -2.326838 -0.399772  52 1 0 2.382087 -4.523379 -0.153563  53 1 0 -1.156183 5.882938 -0.036838  54 1 0 -0.771907 5.656658 -1.734931  55 1 0 1.165449 -5.082911 1.028090  56 1 0 0.859418 -5.289521 -0.688512 |
| TM\_NP\_model\_scan\_m\_30\_p\_110 | 1 6 0 1.395742 0.306048 -0.523246  2 6 0 0.705177 1.514759 -0.503509  3 6 0 -0.675889 1.593342 -0.294135  4 6 0 -1.425302 0.404829 -0.088947  5 6 0 -0.717416 -0.803354 -0.102330  6 6 0 0.657672 -0.882980 -0.338352  7 6 0 -2.822871 0.407380 0.434742  8 6 0 -3.224655 1.416621 1.295333  9 6 0 -4.520239 1.462383 1.848477  10 6 0 -5.444976 0.507124 1.517158  11 6 0 -5.123373 -0.505484 0.578383  12 6 0 -3.813584 -0.544459 -0.007233  13 6 0 -3.588493 -1.493514 -1.042428  14 6 0 -4.562018 -2.386040 -1.423821  15 6 0 -5.825536 -2.385228 -0.795127  16 6 0 -6.097997 -1.456460 0.176995  17 6 0 2.874478 0.322545 -0.749207  18 6 0 3.794598 0.030841 0.310625  19 6 0 5.201376 0.078615 0.041226  20 6 0 5.650656 0.426922 -1.258509  21 6 0 4.751573 0.723649 -2.250676  22 6 0 3.364181 0.672783 -1.991430  23 6 0 3.372257 -0.286902 1.629914  24 6 0 4.284743 -0.562736 2.619724  25 6 0 5.670629 -0.532711 2.346720  26 6 0 6.114943 -0.215662 1.087063  27 6 0 -1.320968 2.916284 -0.453956  28 7 0 -0.670126 4.004264 -0.372711  29 6 0 -1.380285 5.242673 -0.621090  30 6 0 1.308826 -2.208884 -0.394490  31 7 0 0.672934 -3.285700 -0.173222  32 6 0 1.395671 -4.537777 -0.265100  33 1 0 1.237797 2.444704 -0.659317  34 1 0 -1.223996 -1.734112 0.113806  35 1 0 -2.496386 2.142845 1.633395  36 1 0 -4.769510 2.249745 2.550719  37 1 0 -6.438622 0.521441 1.952317  38 1 0 -2.638643 -1.502603 -1.557662  39 1 0 -4.358484 -3.092068 -2.221026  40 1 0 -6.580806 -3.102614 -1.095518  41 1 0 -7.075632 -1.422142 0.646480  42 1 0 6.717786 0.459593 -1.451663  43 1 0 5.098299 0.995583 -3.241246  44 1 0 2.665317 0.901447 -2.788199  45 1 0 2.313262 -0.301988 1.854376  46 1 0 3.940019 -0.800400 3.619802  47 1 0 6.380008 -0.753878 3.136237  48 1 0 7.177943 -0.181135 0.871850  49 1 0 -2.393163 2.905470 -0.688741  50 1 0 -2.449130 5.104563 -0.844944  51 1 0 2.375930 -2.213222 -0.649766  52 1 0 2.457628 -4.419272 -0.527515  53 1 0 -1.281380 5.896372 0.251269  54 1 0 -0.908608 5.765529 -1.459340  55 1 0 1.323299 -5.064660 0.691609  56 1 0 0.913897 -5.176795 -1.012041 |
| TM\_NP\_model\_scan\_m\_30\_p\_120 | 1 6 0 1.393613 0.379310 -0.507167  2 6 0 0.680123 1.574537 -0.446933  3 6 0 -0.701693 1.623668 -0.236861  4 6 0 -1.431716 0.417270 -0.070975  5 6 0 -0.702903 -0.777272 -0.123243  6 6 0 0.673237 -0.826978 -0.360350  7 6 0 -2.829486 0.378352 0.450125  8 6 0 -3.250606 1.351559 1.342356  9 6 0 -4.548026 1.356482 1.893124  10 6 0 -5.455764 0.397630 1.526826  11 6 0 -5.115073 -0.576619 0.554856  12 6 0 -3.803230 -0.574031 -0.027351  13 6 0 -3.560141 -1.482321 -1.094547  14 6 0 -4.518123 -2.376376 -1.510275  15 6 0 -5.783070 -2.418079 -0.885935  16 6 0 -6.073051 -1.528650 0.117402  17 6 0 2.873689 0.437484 -0.704752  18 6 0 3.792625 -0.015068 0.300921  19 6 0 5.200469 0.092632 0.051685  20 6 0 5.653629 0.666757 -1.163477  21 6 0 4.757103 1.133308 -2.090330  22 6 0 3.370239 1.022980 -1.853645  23 6 0 3.373060 -0.535737 1.555422  24 6 0 4.286276 -0.956296 2.492315  25 6 0 5.672212 -0.877718 2.230424  26 6 0 6.114805 -0.360639 1.038592  27 6 0 -1.367607 2.941153 -0.350718  28 7 0 -0.734284 4.035827 -0.230718  29 6 0 -1.464372 5.270870 -0.434397  30 6 0 1.335154 -2.143062 -0.490334  31 7 0 0.723420 -3.233830 -0.269768  32 6 0 1.451470 -4.473528 -0.448360  33 1 0 1.197055 2.518933 -0.563638  34 1 0 -1.194218 -1.723563 0.057857  35 1 0 -2.535669 2.078402 1.706550  36 1 0 -4.812271 2.115221 2.620925  37 1 0 -6.450543 0.380424 1.959278  38 1 0 -2.609286 -1.457630 -1.607406  39 1 0 -4.301295 -3.050233 -2.331462  40 1 0 -6.525933 -3.136355 -1.213895  41 1 0 -7.052399 -1.526621 0.584568  42 1 0 6.721460 0.740251 -1.340772  43 1 0 5.105798 1.584136 -3.012537  44 1 0 2.674077 1.382337 -2.603047  45 1 0 2.315231 -0.589765 1.777748  46 1 0 3.941069 -1.345361 3.443619  47 1 0 6.382120 -1.216369 2.976589  48 1 0 7.177636 -0.281595 0.834699  49 1 0 -2.439566 2.921409 -0.585963  50 1 0 -2.530605 5.123679 -0.664744  51 1 0 2.385691 -2.127228 -0.806055  52 1 0 2.496047 -4.333051 -0.763980  53 1 0 -1.376967 5.893274 0.461757  54 1 0 -1.000534 5.832093 -1.251933  55 1 0 1.437077 -5.036425 0.490246  56 1 0 0.935026 -5.089659 -1.191380 |
| TM\_NP\_model\_scan\_m\_30\_p\_130 | 1 6 0 1.395268 0.435292 -0.507608  2 6 0 0.662800 1.618907 -0.419110  3 6 0 -0.719355 1.646437 -0.212857  4 6 0 -1.434322 0.428274 -0.069368  5 6 0 -0.690154 -0.754719 -0.151952  6 6 0 0.686088 -0.782474 -0.392157  7 6 0 -2.828975 0.361544 0.456364  8 6 0 -3.256720 1.311279 1.370635  9 6 0 -4.550700 1.288973 1.928887  10 6 0 -5.448572 0.326087 1.548958  11 6 0 -5.101614 -0.624224 0.555803  12 6 0 -3.793645 -0.593344 -0.034226  13 6 0 -3.546002 -1.477051 -1.120848  14 6 0 -4.495025 -2.375303 -1.547927  15 6 0 -5.755151 -2.445849 -0.916454  16 6 0 -6.050085 -1.579935 0.105807  17 6 0 2.878155 0.526977 -0.656795  18 6 0 3.786654 -0.057611 0.292039  19 6 0 5.197626 0.101471 0.088261  20 6 0 5.666176 0.868741 -1.008023  21 6 0 4.780162 1.477595 -1.859368  22 6 0 3.392252 1.312170 -1.673279  23 6 0 3.358395 -0.747814 1.459202  24 6 0 4.262748 -1.292522 2.339013  25 6 0 5.651065 -1.176907 2.106573  26 6 0 6.103276 -0.488515 1.009207  27 6 0 -1.401834 2.957496 -0.301582  28 7 0 -0.781968 4.058120 -0.166847  29 6 0 -1.528421 5.286892 -0.348042  30 6 0 1.349730 -2.090020 -0.590395  31 7 0 0.757911 -3.191274 -0.368012  32 6 0 1.481821 -4.419428 -0.626213  33 1 0 1.166589 2.573764 -0.502789  34 1 0 -1.169119 -1.711811 0.003605  35 1 0 -2.548739 2.039633 1.745292  36 1 0 -4.819874 2.029669 2.673282  37 1 0 -6.440278 0.287534 1.987040  38 1 0 -2.599251 -1.429416 -1.639657  39 1 0 -4.275065 -3.029991 -2.383661  40 1 0 -6.490732 -3.167324 -1.253678  41 1 0 -7.026266 -1.599836 0.579148  42 1 0 6.736069 0.979137 -1.149880  43 1 0 5.138409 2.081854 -2.685065  44 1 0 2.707198 1.780589 -2.370714  45 1 0 2.300092 -0.832060 1.666258  46 1 0 3.907329 -1.808215 3.223981  47 1 0 6.354196 -1.617838 2.804120  48 1 0 7.167718 -0.372246 0.833529  49 1 0 -2.474432 2.927965 -0.532795  50 1 0 -2.593626 5.129731 -0.576513  51 1 0 2.380686 -2.058051 -0.964132  52 1 0 2.504539 -4.261152 -0.999519  53 1 0 -1.445227 5.896264 0.557402  54 1 0 -1.075229 5.866738 -1.158536  55 1 0 1.527852 -5.009247 0.294699  56 1 0 0.925712 -5.018131 -1.354671 |
| TM\_NP\_model\_scan\_m\_30\_p\_140 | 1 6 0 1.397572 0.461898 -0.534077  2 6 0 0.653268 1.639103 -0.433030  3 6 0 -0.727273 1.657424 -0.219845  4 6 0 -1.434290 0.435142 -0.073956  5 6 0 -0.681554 -0.741492 -0.164141  6 6 0 0.693318 -0.759594 -0.412097  7 6 0 -2.824875 0.357304 0.460126  8 6 0 -3.254335 1.301600 1.379230  9 6 0 -4.545101 1.268509 1.944389  10 6 0 -5.438557 0.300929 1.565935  11 6 0 -5.090680 -0.643470 0.567471  12 6 0 -3.785954 -0.602101 -0.028961  13 6 0 -3.538421 -1.479637 -1.120594  14 6 0 -4.484147 -2.381736 -1.546877  15 6 0 -5.740578 -2.462708 -0.909356  16 6 0 -6.035540 -1.603108 0.118225  17 6 0 2.883203 0.572933 -0.633816  18 6 0 3.780437 -0.096236 0.273379  19 6 0 5.193877 0.102688 0.121427  20 6 0 5.676650 1.002142 -0.861746  21 6 0 4.800264 1.708860 -1.644276  22 6 0 3.412845 1.502319 -1.514024  23 6 0 3.343402 -0.895088 1.366074  24 6 0 4.238467 -1.513814 2.205612  25 6 0 5.629104 -1.370399 2.007050  26 6 0 6.090769 -0.571380 0.992177  27 6 0 -1.417010 2.965698 -0.295832  28 7 0 -0.802325 4.068633 -0.156854  29 6 0 -1.556483 5.294750 -0.323543  30 6 0 1.350128 -2.063783 -0.656425  31 7 0 0.772240 -3.169899 -0.422882  32 6 0 1.484005 -4.391559 -0.739392  33 1 0 1.147439 2.599849 -0.501980  34 1 0 -1.152738 -1.703030 -0.012196  35 1 0 -2.549412 2.033632 1.752496  36 1 0 -4.815258 2.004847 2.692738  37 1 0 -6.427656 0.254299 2.009095  38 1 0 -2.594767 -1.423701 -1.644192  39 1 0 -4.264578 -3.031201 -2.386784  40 1 0 -6.473534 -3.187056 -1.246136  41 1 0 -7.009189 -1.631005 0.596352  42 1 0 6.747851 1.139235 -0.964973  43 1 0 5.166151 2.421707 -2.374440  44 1 0 2.740601 2.045466 -2.167997  45 1 0 2.284631 -1.001943 1.555780  46 1 0 3.872329 -2.108889 3.034640  47 1 0 6.325083 -1.872865 2.669227  48 1 0 7.156280 -0.424722 0.848881  49 1 0 -2.490863 2.931999 -0.520510  50 1 0 -2.622049 5.133625 -0.547459  51 1 0 2.360894 -2.023202 -1.081399  52 1 0 2.483862 -4.224023 -1.166706  53 1 0 -1.471665 5.896703 0.586707  54 1 0 -1.111018 5.884093 -1.131444  55 1 0 1.583206 -4.994780 0.168566  56 1 0 0.889929 -4.981339 -1.444755 |
| TM\_NP\_model\_scan\_m\_30\_p\_150 | 1 6 0 1.402061 0.491848 -0.555478  2 6 0 0.642123 1.660945 -0.449333  3 6 0 -0.737593 1.669009 -0.235619  4 6 0 -1.434865 0.442628 -0.079982  5 6 0 -0.671594 -0.726282 -0.173124  6 6 0 0.702029 -0.733523 -0.428028  7 6 0 -2.821262 0.355904 0.462555  8 6 0 -3.252031 1.301070 1.380305  9 6 0 -4.538645 1.260483 1.954212  10 6 0 -5.426825 0.283956 1.586398  11 6 0 -5.078055 -0.662563 0.590267  12 6 0 -3.777756 -0.613737 -0.015255  13 6 0 -3.530615 -1.494705 -1.104195  14 6 0 -4.471859 -2.406615 -1.519391  15 6 0 -5.723202 -2.494528 -0.872856  16 6 0 -6.018144 -1.632071 0.152325  17 6 0 2.889869 0.623605 -0.599859  18 6 0 3.778195 -0.126145 0.257372  19 6 0 5.193021 0.101105 0.156470  20 6 0 5.685870 1.119410 -0.696128  21 6 0 4.815157 1.917492 -1.391837  22 6 0 3.430047 1.677022 -1.322964  23 6 0 3.336034 -1.021292 1.271174  24 6 0 4.223791 -1.713197 2.059959  25 6 0 5.615856 -1.554443 1.887845  26 6 0 6.083600 -0.656362 0.963118  27 6 0 -1.437209 2.972058 -0.314800  28 7 0 -0.830189 4.080633 -0.187826  29 6 0 -1.594876 5.299729 -0.358240  30 6 0 1.350322 -2.033812 -0.718940  31 7 0 0.781700 -3.145024 -0.487890  32 6 0 1.479325 -4.359161 -0.859927  33 1 0 1.122631 2.628769 -0.506708  34 1 0 -1.133156 -1.692695 -0.022771  35 1 0 -2.550460 2.040433 1.745329  36 1 0 -4.809691 1.998242 2.700835  37 1 0 -6.412530 0.231605 2.036422  38 1 0 -2.591172 -1.433712 -1.634723  39 1 0 -4.252751 -3.058559 -2.357490  40 1 0 -6.452496 -3.226543 -1.200885  41 1 0 -6.988231 -1.665407 0.637296  42 1 0 6.757282 1.277016 -0.759667  43 1 0 5.184002 2.727637 -2.010457  44 1 0 2.770817 2.290549 -1.925394  45 1 0 2.277656 -1.142252 1.449613  46 1 0 3.849089 -2.377069 2.830892  47 1 0 6.306692 -2.117969 2.504655  48 1 0 7.149528 -0.488500 0.849291  49 1 0 -2.512261 2.928817 -0.531953  50 1 0 -2.660698 5.128623 -0.573226  51 1 0 2.343572 -1.982866 -1.182540  52 1 0 2.461450 -4.182089 -1.323074  53 1 0 -1.508216 5.909330 0.546716  54 1 0 -1.159908 5.886192 -1.173937  55 1 0 1.614504 -4.982617 0.029553  56 1 0 0.857164 -4.933142 -1.554021 |
| TM\_NP\_model\_scan\_m\_30\_p\_160 | 1 6 0 1.408893 0.518340 -0.582763  2 6 0 0.631608 1.679339 -0.482677  3 6 0 -0.747135 1.678981 -0.267637  4 6 0 -1.435090 0.450512 -0.091439  5 6 0 -0.661522 -0.710890 -0.180559  6 6 0 0.710692 -0.709120 -0.442484  7 6 0 -2.816086 0.359309 0.462916  8 6 0 -3.246133 1.312294 1.373010  9 6 0 -4.526892 1.268196 1.959482  10 6 0 -5.410092 0.279621 1.612412  11 6 0 -5.062676 -0.676487 0.624972  12 6 0 -3.768612 -0.624454 0.006445  13 6 0 -3.524278 -1.517064 -1.073582  14 6 0 -4.461565 -2.442143 -1.468099  15 6 0 -5.705902 -2.532407 -0.808514  16 6 0 -5.998515 -1.659433 0.208401  17 6 0 2.898124 0.670170 -0.565000  18 6 0 3.777986 -0.147325 0.244463  19 6 0 5.193144 0.101470 0.198700  20 6 0 5.693416 1.215246 -0.517979  21 6 0 4.825674 2.085492 -1.124478  22 6 0 3.444463 1.819437 -1.121830  23 6 0 3.331627 -1.125936 1.176471  24 6 0 4.212260 -1.884172 1.910637  25 6 0 5.605509 -1.713421 1.765660  26 6 0 6.078315 -0.728299 0.937827  27 6 0 -1.456401 2.976213 -0.358988  28 7 0 -0.856918 4.090991 -0.252432  29 6 0 -1.632125 5.301868 -0.433784  30 6 0 1.347129 -2.006936 -0.775559  31 7 0 0.781086 -3.121411 -0.555110  32 6 0 1.461891 -4.328648 -0.977398  33 1 0 1.094862 2.654941 -0.537405  34 1 0 -1.113063 -1.681380 -0.026359  35 1 0 -2.547362 2.061910 1.722112  36 1 0 -4.797181 2.012924 2.699428  37 1 0 -6.390997 0.224627 2.072498  38 1 0 -2.590535 -1.454929 -1.613909  39 1 0 -4.244770 -3.102883 -2.299877  40 1 0 -6.431921 -3.274768 -1.120131  41 1 0 -6.963584 -1.694825 0.703135  42 1 0 6.764088 1.387830 -0.540592  43 1 0 5.193958 2.972672 -1.626729  44 1 0 2.800291 2.492750 -1.673232  45 1 0 2.273821 -1.258560 1.344274  46 1 0 3.829069 -2.609190 2.619829  47 1 0 6.291509 -2.331519 2.333606  48 1 0 7.144168 -0.542297 0.856143  49 1 0 -2.532810 2.922178 -0.566799  50 1 0 -2.698393 5.119595 -0.636905  51 1 0 2.326115 -1.947881 -1.267790  52 1 0 2.431114 -4.144058 -1.464234  53 1 0 -1.542329 5.925261 0.461395  54 1 0 -1.208836 5.879477 -1.261846  55 1 0 1.619950 -4.974876 -0.108156  56 1 0 0.817419 -4.882577 -1.667415 |
| TM\_NP\_model\_scan\_m\_40\_m\_0 | 1 6 0 1.403842 0.465873 0.072401  2 6 0 0.953242 -0.864499 0.025975  3 6 0 -0.388205 -1.252769 -0.044714  4 6 0 -1.393861 -0.269763 -0.167675  5 6 0 -0.964125 1.060231 -0.187766  6 6 0 0.371441 1.443947 -0.072728  7 6 0 -2.810782 -0.579794 -0.508491  8 6 0 -3.080955 -1.546969 -1.462190  9 6 0 -4.397708 -1.857704 -1.858322  10 6 0 -5.461615 -1.213579 -1.281330  11 6 0 -5.252035 -0.255811 -0.257173  12 6 0 -3.915629 0.054911 0.161483  13 6 0 -3.757723 0.943451 1.260318  14 6 0 -4.842180 1.527767 1.869950  15 6 0 -6.152653 1.257297 1.419403  16 6 0 -6.348323 0.378815 0.383796  17 6 0 2.844596 0.717632 -0.255848  18 6 0 3.910793 -0.174203 0.176039  19 6 0 5.257413 0.097628 -0.245464  20 6 0 5.558555 1.307322 -0.919201  21 6 0 4.575001 2.236427 -1.121425  22 6 0 3.243253 1.948315 -0.762002  23 6 0 3.741672 -1.262504 1.078134  24 6 0 4.783193 -2.091442 1.425074  25 6 0 6.073357 -1.890003 0.894806  26 6 0 6.302230 -0.802774 0.091313  27 6 0 -0.702988 -2.694071 0.082221  28 7 0 0.182172 -3.597214 -0.036154  29 6 0 -0.216461 -4.975643 0.163289  30 6 0 0.605803 2.896659 0.124867  31 7 0 -0.159577 3.787222 -0.357918  32 6 0 0.102150 5.171109 -0.015709  33 1 0 1.657021 -1.680477 -0.016737  34 1 0 -1.682091 1.859208 -0.318631  35 1 0 -2.255999 -2.029398 -1.972329  36 1 0 -4.558387 -2.598641 -2.633184  37 1 0 -6.477517 -1.435059 -1.590876  38 1 0 -2.764673 1.149724 1.635217  39 1 0 -4.690465 2.196686 2.709639  40 1 0 -6.999289 1.731649 1.902646  41 1 0 -7.351692 0.143791 0.044184  42 1 0 6.580648 1.496896 -1.229027  43 1 0 4.800902 3.189371 -1.586113  44 1 0 2.496071 2.667490 -1.062444  45 1 0 2.783496 -1.427951 1.545252  46 1 0 4.608340 -2.900588 2.125183  47 1 0 6.881247 -2.564884 1.153628  48 1 0 7.300522 -0.590198 -0.276792  49 1 0 -1.745527 -2.941550 0.318712  50 1 0 -1.285500 -5.099819 0.393899  51 1 0 1.452664 3.159294 0.774253  52 1 0 0.977687 5.309258 0.637283  53 1 0 0.022622 -5.553316 -0.735129  54 1 0 0.373499 -5.406281 0.978720  55 1 0 0.248746 5.748369 -0.933961  56 1 0 -0.778254 5.591238 0.480939 |
| TM\_NP\_model\_scan\_m\_40\_m\_10 | 1 6 0 1.404998 0.410302 -0.014076  2 6 0 0.940465 -0.913427 -0.052967  3 6 0 -0.408890 -1.275078 -0.102383  4 6 0 -1.398408 -0.269740 -0.192011  5 6 0 -0.949449 1.053813 -0.202589  6 6 0 0.395857 1.412389 -0.113629  7 6 0 -2.827206 -0.552514 -0.507737  8 6 0 -3.131727 -1.503312 -1.467477  9 6 0 -4.460770 -1.787048 -1.842315  10 6 0 -5.502506 -1.131941 -1.237892  11 6 0 -5.257418 -0.190642 -0.206381  12 6 0 -3.908301 0.092086 0.190917  13 6 0 -3.714899 0.964013 1.297388  14 6 0 -4.777706 1.559216 1.934027  15 6 0 -6.100720 1.316879 1.504669  16 6 0 -6.330585 0.454683 0.462436  17 6 0 2.846430 0.652917 -0.330010  18 6 0 3.907728 -0.185884 0.194892  19 6 0 5.263367 0.081223 -0.197407  20 6 0 5.562274 1.229434 -0.972563  21 6 0 4.565983 2.103943 -1.313753  22 6 0 3.228589 1.824296 -0.969406  23 6 0 3.712315 -1.222209 1.150426  24 6 0 4.752009 -2.003965 1.596672  25 6 0 6.063156 -1.800961 1.119261  26 6 0 6.309097 -0.767159 0.252407  27 6 0 -0.750391 -2.710725 0.018387  28 7 0 0.112574 -3.630310 -0.132972  29 6 0 -0.308930 -5.002216 0.064831  30 6 0 0.682877 2.854875 0.079302  31 7 0 -0.102242 3.768913 -0.321445  32 6 0 0.227194 5.142431 0.002853  33 1 0 1.637874 -1.736399 -0.099844  34 1 0 -1.657257 1.865929 -0.305501  35 1 0 -2.324675 -1.993355 -1.998572  36 1 0 -4.648546 -2.515716 -2.622703  37 1 0 -6.527673 -1.332121 -1.530971  38 1 0 -2.711769 1.148972 1.656235  39 1 0 -4.598946 2.215178 2.778594  40 1 0 -6.929980 1.799722 2.009180  41 1 0 -7.343958 0.241099 0.138715  42 1 0 6.591479 1.415904 -1.260083  43 1 0 4.789741 3.005432 -1.872677  44 1 0 2.469318 2.488495 -1.357585  45 1 0 2.730830 -1.384603 1.569141  46 1 0 4.560340 -2.776706 2.332612  47 1 0 6.871676 -2.436850 1.461531  48 1 0 7.319071 -0.561192 -0.086456  49 1 0 -1.791148 -2.939359 0.280444  50 1 0 -1.373463 -5.106634 0.324237  51 1 0 1.596032 3.089665 0.643045  52 1 0 1.164159 5.252486 0.570231  53 1 0 -0.107065 -5.575874 -0.845233  54 1 0 0.294576 -5.452854 0.859268  55 1 0 0.301115 5.723740 -0.921596  56 1 0 -0.590665 5.580733 0.583657 |
| TM\_NP\_model\_scan\_m\_40\_m\_20 | 1 6 0 1.405170 0.357059 -0.104955  2 6 0 0.926007 -0.959202 -0.137455  3 6 0 -0.430539 -1.294215 -0.165827  4 6 0 -1.402292 -0.267274 -0.221310  5 6 0 -0.932739 1.049085 -0.225793  6 6 0 0.421386 1.382409 -0.162379  7 6 0 -2.842911 -0.522103 -0.507377  8 6 0 -3.185717 -1.456800 -1.469909  9 6 0 -4.527730 -1.714438 -1.816505  10 6 0 -5.544012 -1.049125 -1.180746  11 6 0 -5.259164 -0.123877 -0.144942  12 6 0 -3.896592 0.131927 0.223766  13 6 0 -3.663121 0.987582 1.335238  14 6 0 -4.700751 1.592976 2.003043  15 6 0 -6.037228 1.377593 1.601998  16 6 0 -6.305578 0.531317 0.555936  17 6 0 2.851607 0.590626 -0.391724  18 6 0 3.898096 -0.198416 0.220812  19 6 0 5.263669 0.057742 -0.140880  20 6 0 5.573752 1.137200 -1.005751  21 6 0 4.578454 1.954693 -1.471620  22 6 0 3.233099 1.689932 -1.146587  23 6 0 3.668318 -1.179245 1.225280  24 6 0 4.696979 -1.913006 1.767364  25 6 0 6.026890 -1.712829 1.341469  26 6 0 6.299290 -0.737965 0.415895  27 6 0 -0.798561 -2.723557 -0.050065  28 7 0 0.040601 -3.658780 -0.235864  29 6 0 -0.403641 -5.023658 -0.038825  30 6 0 0.756506 2.815355 0.014179  31 7 0 -0.034232 3.748326 -0.328071  32 6 0 0.353012 5.113575 -0.034786  33 1 0 1.616010 -1.789666 -0.186624  34 1 0 -1.629393 1.873504 -0.304334  35 1 0 -2.399657 -1.954287 -2.025069  36 1 0 -4.745721 -2.431202 -2.600058  37 1 0 -6.578963 -1.229058 -1.451735  38 1 0 -2.649063 1.151895 1.672754  39 1 0 -4.491411 2.236194 2.850383  40 1 0 -6.846356 1.868241 2.131081  41 1 0 -7.329633 0.338208 0.253654  42 1 0 6.610464 1.316143 -1.270359  43 1 0 4.812175 2.798506 -2.110792  44 1 0 2.471883 2.304552 -1.608302  45 1 0 2.666309 -1.336751 1.596263  46 1 0 4.483045 -2.645856 2.537205  47 1 0 6.827902 -2.308930 1.763721  48 1 0 7.320916 -0.542362 0.107090  49 1 0 -1.835946 -2.933766 0.239443  50 1 0 -1.461716 -5.108467 0.252190  51 1 0 1.715836 3.027425 0.504728  52 1 0 1.332322 5.201178 0.460167  53 1 0 -0.241862 -5.591742 -0.960331  54 1 0 0.214242 -5.495148 0.732107  55 1 0 0.371912 5.690693 -0.964644  56 1 0 -0.407845 5.573714 0.603757 |
| TM\_NP\_model\_scan\_m\_40\_m\_30 | 1 6 0 1.405473 0.305594 -0.194168  2 6 0 0.910903 -1.002878 -0.216080  3 6 0 -0.451993 -1.311829 -0.222326  4 6 0 -1.404986 -0.264661 -0.248153  5 6 0 -0.914539 1.043932 -0.251004  6 6 0 0.447355 1.352252 -0.213689  7 6 0 -2.855859 -0.492603 -0.505407  8 6 0 -3.235130 -1.413268 -1.467718  9 6 0 -4.588500 -1.646059 -1.786840  10 6 0 -5.579568 -0.969656 -1.123627  11 6 0 -5.256843 -0.058029 -0.086858  12 6 0 -3.882487 0.172185 0.254041  13 6 0 -3.610838 1.014451 1.367062  14 6 0 -4.623492 1.631305 2.062153  15 6 0 -5.971750 1.441336 1.688675  16 6 0 -6.276766 0.608322 0.642026  17 6 0 2.858042 0.526919 -0.450854  18 6 0 3.884138 -0.206176 0.249783  19 6 0 5.259031 0.030742 -0.086191  20 6 0 5.588548 1.024926 -1.041570  21 6 0 4.603220 1.776990 -1.626048  22 6 0 3.249386 1.535551 -1.316872  23 6 0 3.616993 -1.118057 1.308001  24 6 0 4.628599 -1.798702 1.942921  25 6 0 5.973983 -1.608855 1.561080  26 6 0 6.277493 -0.705540 0.574267  27 6 0 -0.846149 -2.733978 -0.106104  28 7 0 -0.031692 -3.684581 -0.321756  29 6 0 -0.498400 -5.041441 -0.120834  30 6 0 0.827529 2.775605 -0.062224  31 7 0 0.034675 3.725731 -0.348384  32 6 0 0.476088 5.082503 -0.095507  33 1 0 1.592563 -1.841339 -0.264553  34 1 0 -1.599076 1.880153 -0.308960  35 1 0 -2.469945 -1.919097 -2.044160  36 1 0 -4.835244 -2.352620 -2.571140  37 1 0 -6.623028 -1.130359 -1.373224  38 1 0 -2.587118 1.159377 1.683585  39 1 0 -4.385079 2.264013 2.909725  40 1 0 -6.760924 1.940831 2.239194  41 1 0 -7.310211 0.434639 0.360622  42 1 0 6.632273 1.189647 -1.287308  43 1 0 4.853646 2.550762 -2.342829  44 1 0 2.492256 2.099387 -1.847153  45 1 0 2.598242 -1.265265 1.637333  46 1 0 4.390363 -2.481748 2.750508  47 1 0 6.762027 -2.160690 2.060875  48 1 0 7.309554 -0.525787 0.291611  49 1 0 -1.879229 -2.925265 0.210700  50 1 0 -1.548525 -5.106322 0.202327  51 1 0 1.826498 2.966738 0.350691  52 1 0 1.491673 5.148314 0.323756  53 1 0 -0.377307 -5.605486 -1.051065  54 1 0 0.132990 -5.531839 0.626986  55 1 0 0.439101 5.653331 -1.028724  56 1 0 -0.223275 5.565277 0.594584 |
| TM\_NP\_model\_scan\_m\_40\_m\_40 | 1 6 0 -1.406605 -0.253854 -0.287828  2 6 0 -0.894797 1.046134 -0.293196  3 6 0 0.473760 1.328735 -0.275526  4 6 0 1.406531 0.261959 -0.277546  5 6 0 0.894065 -1.037964 -0.287710  6 6 0 -0.474689 -1.320642 -0.278657  7 6 0 2.866794 0.463517 -0.503603  8 6 0 3.283451 1.374680 -1.459428  9 6 0 4.647544 1.584303 -1.747647  10 6 0 5.611777 0.894395 -1.059319  11 6 0 5.250098 -0.008286 -0.027584  12 6 0 3.864544 -0.215212 0.281572  13 6 0 3.553276 -1.049302 1.390350  14 6 0 4.539202 -1.679869 2.111074  15 6 0 5.898771 -1.512658 1.769035  16 6 0 6.241725 -0.688232 0.727341  17 6 0 -2.866706 -0.456192 -0.514222  18 6 0 -3.864165 0.208424 0.282541  19 6 0 -5.249758 0.003101 -0.027234  20 6 0 -5.610887 -0.882469 -1.073938  21 6 0 -4.646197 -1.556943 -1.776877  22 6 0 -3.282016 -1.349270 -1.487245  23 6 0 -3.551748 1.027635 1.401952  24 6 0 -4.537480 1.644898 2.134334  25 6 0 -5.897549 1.478099 1.793845  26 6 0 -6.241193 0.668526 0.740727  27 6 0 0.893855 2.742570 -0.150962  28 7 0 0.105176 3.708975 -0.391084  29 6 0 0.593489 5.056557 -0.178981  30 6 0 -0.896981 -2.734345 -0.162325  31 7 0 -0.104336 -3.700503 -0.390104  32 6 0 -0.596949 -5.048185 -0.189254  33 1 0 -1.566342 1.893794 -0.337223  34 1 0 1.565119 -1.885975 -0.330627  35 1 0 2.540502 1.891456 -2.054987  36 1 0 4.923904 2.284180 -2.528066  37 1 0 6.663259 1.037531 -1.284783  38 1 0 2.520173 -1.177030 1.682792  39 1 0 4.270687 -2.305933 2.954565  40 1 0 6.666629 -2.022762 2.339611  41 1 0 7.284184 -0.532004 0.469968  42 1 0 -6.662431 -1.024612 -1.299771  43 1 0 -4.922388 -2.243026 -2.569508  44 1 0 -2.538072 -1.854490 -2.091592  45 1 0 -2.517852 1.154727 1.692162  46 1 0 -4.268545 2.260163 2.985604  47 1 0 -6.665320 1.977363 2.374048  48 1 0 -7.283949 0.513684 0.483711  49 1 0 1.921538 2.913447 0.193829  50 1 0 1.634833 5.100811 0.174682  51 1 0 -1.930576 -2.905618 0.163964  52 1 0 -1.644725 -5.092583 0.144833  53 1 0 0.511164 5.620752 -1.113368  54 1 0 -0.049349 5.561493 0.549152  55 1 0 -0.497335 -5.610927 -1.122820  56 1 0 0.032041 -5.554418 0.549999 |
| TM\_NP\_model\_scan\_m\_40\_m\_50 | 1 6 0 -1.408338 -0.194709 -0.381132  2 6 0 -0.876492 1.095310 -0.361215  3 6 0 0.497206 1.349446 -0.315670  4 6 0 1.407595 0.262664 -0.303495  5 6 0 0.871171 -1.027181 -0.330137  6 6 0 -0.503618 -1.281607 -0.351223  7 6 0 2.875911 0.437666 -0.499089  8 6 0 3.328072 1.345269 -1.442091  9 6 0 4.701235 1.531983 -1.701529  10 6 0 5.638882 0.822371 -0.996749  11 6 0 5.240256 -0.078255 0.023137  12 6 0 3.845206 -0.262211 0.302818  13 6 0 3.496547 -1.096050 1.400565  14 6 0 4.456245 -1.747008 2.138360  15 6 0 5.825333 -1.601726 1.825452  16 6 0 6.204090 -0.778660 0.795137  17 6 0 -2.876461 -0.371819 -0.582177  18 6 0 -3.840479 0.204754 0.313295  19 6 0 -5.236550 0.037669 0.030501  20 6 0 -5.635770 -0.712933 -1.104332  21 6 0 -4.698395 -1.289693 -1.922539  22 6 0 -3.323712 -1.122276 -1.654656  23 6 0 -3.480039 0.905805 1.496468  24 6 0 -4.435039 1.440151 2.327725  25 6 0 -5.808061 1.302767 2.026417  26 6 0 -6.195460 0.612115 0.905669  27 6 0 0.944242 2.752732 -0.169227  28 7 0 0.181926 3.737515 -0.419683  29 6 0 0.692792 5.072539 -0.182927  30 6 0 -0.967431 -2.684379 -0.280567  31 7 0 -0.181426 -3.667764 -0.450833  32 6 0 -0.723175 -5.004640 -0.316066  33 1 0 -1.535024 1.954092 -0.396735  34 1 0 1.526399 -1.887889 -0.364674  35 1 0 2.606701 1.878157 -2.049877  36 1 0 5.005739 2.230308 -2.472821  37 1 0 6.697133 0.948065 -1.199842  38 1 0 2.455484 -1.207536 1.670497  39 1 0 4.159469 -2.372469 2.972775  40 1 0 6.572225 -2.127780 2.409227  41 1 0 7.254212 -0.639403 0.560148  42 1 0 -6.694939 -0.828027 -1.309118  43 1 0 -5.005332 -1.868005 -2.786636  44 1 0 -2.598241 -1.555684 -2.333552  45 1 0 -2.433359 1.009940 1.749302  46 1 0 -4.132658 1.967595 3.225442  47 1 0 -6.551544 1.734426 2.686960  48 1 0 -7.248041 0.486802 0.673782  49 1 0 1.966690 2.898682 0.201598  50 1 0 1.726324 5.091934 0.195173  51 1 0 -2.029406 -2.832607 -0.048613  52 1 0 -1.797421 -5.026187 -0.077736  53 1 0 0.643746 5.647250 -1.113222  54 1 0 0.043621 5.583536 0.535309  55 1 0 -0.554332 -5.556682 -1.246077  56 1 0 -0.175523 -5.537339 0.467975 |
| TM\_NP\_model\_scan\_m\_40\_m\_60 | 1 6 0 -1.409728 -0.113741 -0.459419  2 6 0 -0.853646 1.162833 -0.391064  3 6 0 0.524994 1.383116 -0.316425  4 6 0 1.409373 0.274495 -0.315341  5 6 0 0.845373 -1.002139 -0.380573  6 6 0 -0.534758 -1.222765 -0.433915  7 6 0 2.884151 0.421416 -0.485879  8 6 0 3.368389 1.339977 -1.401929  9 6 0 4.748573 1.502635 -1.639267  10 6 0 5.661082 0.756973 -0.938832  11 6 0 5.229402 -0.157791 0.054772  12 6 0 3.827055 -0.318069 0.311725  13 6 0 3.445579 -1.169756 1.384532  14 6 0 4.381141 -1.857517 2.119974  15 6 0 5.757220 -1.733927 1.829151  16 6 0 6.167492 -0.895959 0.823161  17 6 0 -2.884635 -0.254628 -0.652840  18 6 0 -3.819788 0.186612 0.340966  19 6 0 -5.223466 0.069811 0.072780  20 6 0 -5.655156 -0.489132 -1.157016  21 6 0 -4.742214 -0.926436 -2.082610  22 6 0 -3.359571 -0.810710 -1.825390  23 6 0 -3.419352 0.710863 1.600077  24 6 0 -4.347392 1.117505 2.528359  25 6 0 -5.729477 1.021389 2.251703  26 6 0 -6.153622 0.506347 1.052274  27 6 0 1.002603 2.770798 -0.125919  28 7 0 0.268924 3.779583 -0.366307  29 6 0 0.806149 5.095613 -0.085805  30 6 0 -1.040767 -2.612003 -0.429779  31 7 0 -0.269125 -3.614524 -0.545190  32 6 0 -0.857462 -4.937427 -0.496450  33 1 0 -1.495491 2.035125 -0.403640  34 1 0 1.481496 -1.876652 -0.424742  35 1 0 2.666779 1.902404 -2.006196  36 1 0 5.078357 2.211514 -2.390277  37 1 0 6.724453 0.864232 -1.125102  38 1 0 2.398639 -1.265944 1.637045  39 1 0 4.059779 -2.495768 2.935372  40 1 0 6.484732 -2.288844 2.410678  41 1 0 7.223455 -0.773751 0.605526  42 1 0 -6.719766 -0.567722 -1.350727  43 1 0 -5.074994 -1.355269 -3.021073  44 1 0 -2.651176 -1.139474 -2.577525  45 1 0 -2.363763 0.783610 1.827684  46 1 0 -4.017680 1.512369 3.482794  47 1 0 -6.451265 1.349271 2.991277  48 1 0 -7.213253 0.419593 0.835339  49 1 0 2.020718 2.882417 0.268091  50 1 0 1.832956 5.081143 0.310510  51 1 0 -2.123898 -2.732810 -0.303908  52 1 0 -1.950056 -4.932668 -0.364672  53 1 0 0.786994 5.695166 -1.001410  54 1 0 0.156103 5.602867 0.634303  55 1 0 -0.613132 -5.473723 -1.418888  56 1 0 -0.403838 -5.502797 0.323905 |
| TM\_NP\_model\_scan\_m\_40\_m\_70 | 1 6 0 -1.411752 -0.001802 -0.544754  2 6 0 -0.824888 1.254429 -0.411063  3 6 0 0.558542 1.431959 -0.306080  4 6 0 1.411318 0.299174 -0.338582  5 6 0 0.814480 -0.957198 -0.471776  6 6 0 -0.570327 -1.135247 -0.556178  7 6 0 2.893197 0.412070 -0.470298  8 6 0 3.423402 1.358307 -1.330974  9 6 0 4.812611 1.494163 -1.528912  10 6 0 5.688015 0.691593 -0.844270  11 6 0 5.208686 -0.257112 0.094145  12 6 0 3.796841 -0.390782 0.311603  13 6 0 3.367914 -1.282166 1.333173  14 6 0 4.267455 -2.029289 2.055520  15 6 0 5.652811 -1.929564 1.802093  16 6 0 6.108554 -1.056380 0.846921  17 6 0 -2.894802 -0.096748 -0.717760  18 6 0 -3.787527 0.159793 0.372945  19 6 0 -5.200932 0.095242 0.143241  20 6 0 -5.682043 -0.226384 -1.151671  21 6 0 -4.807566 -0.478938 -2.177906  22 6 0 -3.414473 -0.414219 -1.956957  23 6 0 -3.331840 0.458522 1.685646  24 6 0 -4.219097 0.695969 2.707649  25 6 0 -5.611849 0.645869 2.474869  26 6 0 -6.087973 0.350008 1.221765  27 6 0 1.070466 2.795533 -0.044856  28 7 0 0.371253 3.834472 -0.258254  29 6 0 0.938001 5.120979 0.092413  30 6 0 -1.120022 -2.504443 -0.642684  31 7 0 -0.374753 -3.528942 -0.735498  32 6 0 -1.007663 -4.830642 -0.793566  33 1 0 -1.444773 2.142259 -0.384173  34 1 0 1.427313 -1.846037 -0.547355  35 1 0 2.751380 1.967817 -1.923049  36 1 0 5.178941 2.228403 -2.237415  37 1 0 6.758049 0.778589 -1.000605  38 1 0 2.313143 -1.362606 1.556851  39 1 0 3.910083 -2.696709 2.831625  40 1 0 6.351564 -2.531062 2.372466  41 1 0 7.172204 -0.952829 0.659072  42 1 0 -6.753663 -0.269736 -1.315674  43 1 0 -5.178845 -0.723379 -3.166740  44 1 0 -2.735863 -0.601768 -2.781680  45 1 0 -2.266757 0.496466 1.875589  46 1 0 -3.849361 0.922015 3.701505  47 1 0 -6.301225 0.838220 3.289268  48 1 0 -7.156170 0.304132 1.036537  49 1 0 2.081506 2.860669 0.376966  50 1 0 1.954033 5.059607 0.511304  51 1 0 -2.213511 -2.590056 -0.611090  52 1 0 -2.106500 -4.792272 -0.747709  53 1 0 0.957929 5.760168 -0.795985  54 1 0 0.284999 5.614814 0.819112  55 1 0 -0.707839 -5.334919 -1.717719  56 1 0 -0.639385 -5.446672 0.032997 |
| TM\_NP\_model\_scan\_m\_40\_m\_80 | 1 6 0 -1.408131 0.149545 -0.565206  2 6 0 -0.784676 1.373698 -0.340683  3 6 0 0.603458 1.498058 -0.214238  4 6 0 1.419765 0.343347 -0.321067  5 6 0 0.784658 -0.881078 -0.546079  6 6 0 -0.604159 -1.006884 -0.651051  7 6 0 2.905648 0.417023 -0.435191  8 6 0 3.473008 1.403690 -1.223784  9 6 0 4.867329 1.506760 -1.405038  10 6 0 5.710817 0.627361 -0.777036  11 6 0 5.193583 -0.371319 0.086317  12 6 0 3.776692 -0.471846 0.288487  13 6 0 3.311527 -1.423687 1.237133  14 6 0 4.180448 -2.256344 1.901078  15 6 0 5.569796 -2.186028 1.660140  16 6 0 6.060982 -1.257187 0.777856  17 6 0 -2.895312 0.110253 -0.739873  18 6 0 -3.773671 0.112517 0.390638  19 6 0 -5.189745 0.104859 0.169645  20 6 0 -5.686701 0.093824 -1.158885  21 6 0 -4.824872 0.088657 -2.225984  22 6 0 -3.428525 0.096266 -2.012472  23 6 0 -3.298924 0.112535 1.730041  24 6 0 -4.172289 0.111913 2.790936  25 6 0 -5.568158 0.110672 2.570590  26 6 0 -6.061846 0.106521 1.289491  27 6 0 1.156698 2.822617 0.144437  28 7 0 0.494791 3.896624 -0.005116  29 6 0 1.099133 5.136623 0.438329  30 6 0 -1.201376 -2.342824 -0.855293  31 7 0 -0.493983 -3.391831 -0.967096  32 6 0 -1.173917 -4.657260 -1.153623  33 1 0 -1.377338 2.275882 -0.251769  34 1 0 1.369844 -1.780895 -0.684008  35 1 0 2.825762 2.076665 -1.773161  36 1 0 5.262677 2.277656 -2.056746  37 1 0 6.784176 0.689172 -0.922085  38 1 0 2.253401 -1.485202 1.450911  39 1 0 3.795478 -2.969715 2.621062  40 1 0 6.243936 -2.854736 2.183336  41 1 0 7.128608 -1.176795 0.601579  42 1 0 -6.760289 0.090139 -1.315550  43 1 0 -5.208171 0.082229 -3.240100  44 1 0 -2.759003 0.099213 -2.865405  45 1 0 -2.230735 0.114968 1.907313  46 1 0 -3.789793 0.112662 3.805464  47 1 0 -6.246402 0.112144 3.416470  48 1 0 -7.132580 0.103669 1.113435  49 1 0 2.164078 2.825015 0.579864  50 1 0 2.106056 5.012504 0.865069  51 1 0 -2.297335 -2.380234 -0.897987  52 1 0 -2.270826 -4.572446 -1.176598  53 1 0 1.153687 5.832590 -0.404818  54 1 0 0.452346 5.603034 1.188309  55 1 0 -0.833086 -5.113515 -2.088452  56 1 0 -0.887597 -5.341225 -0.348324 |
| TM\_NP\_model\_scan\_m\_40\_m\_90 | 1 6 0 -1.405251 0.307667 -0.558286  2 6 0 -0.739735 1.489493 -0.247467  3 6 0 0.652263 1.555797 -0.115105  4 6 0 1.427234 0.383732 -0.304219  5 6 0 0.750055 -0.797194 -0.622607  6 6 0 -0.641523 -0.865122 -0.738728  7 6 0 2.915306 0.412203 -0.410566  8 6 0 3.521342 1.432115 -1.124480  9 6 0 4.919519 1.498094 -1.293547  10 6 0 5.728056 0.547625 -0.725967  11 6 0 5.171178 -0.490302 0.063257  12 6 0 3.750349 -0.555490 0.251457  13 6 0 3.245877 -1.554917 1.128219  14 6 0 4.081078 -2.461032 1.736916  15 6 0 5.473865 -2.421481 1.508962  16 6 0 6.002926 -1.451212 0.695809  17 6 0 -2.895579 0.329710 -0.710752  18 6 0 -3.754072 0.062827 0.403246  19 6 0 -5.173692 0.113627 0.214533  20 6 0 -5.693468 0.427675 -1.067525  21 6 0 -4.850303 0.680826 -2.119359  22 6 0 -3.450001 0.630251 -1.937629  23 6 0 -3.254943 -0.254201 1.695344  24 6 0 -4.108851 -0.508069 2.741629  25 6 0 -5.508425 -0.457370 2.553339  26 6 0 -6.025308 -0.152895 1.318288  27 6 0 1.250549 2.830681 0.338868  28 7 0 0.627085 3.935187 0.265722  29 6 0 1.272400 5.118556 0.797422  30 6 0 -1.284768 -2.153352 -1.069409  31 7 0 -0.619017 -3.224528 -1.219436  32 6 0 -1.341482 -4.437931 -1.542205  33 1 0 -1.301171 2.401492 -0.086494  34 1 0 1.304149 -1.703163 -0.831200  35 1 0 2.901171 2.165057 -1.626308  36 1 0 5.345480 2.298668 -1.887636  37 1 0 6.803787 0.581839 -0.862298  38 1 0 2.184540 -1.594963 1.330710  39 1 0 3.666879 -3.209477 2.403071  40 1 0 6.120986 -3.147458 1.988106  41 1 0 7.073981 -1.395396 0.531275  42 1 0 -6.769572 0.464745 -1.201053  43 1 0 -5.251617 0.922119 -3.097181  44 1 0 -2.795646 0.834150 -2.777782  45 1 0 -2.183630 -0.290617 1.849494  46 1 0 -3.707961 -0.747352 3.720193  47 1 0 -6.171199 -0.658538 3.387459  48 1 0 -7.099070 -0.111617 1.167224  49 1 0 2.255437 2.766359 0.775085  50 1 0 2.273785 4.929801 1.213495  51 1 0 -2.376842 -2.134133 -1.177023  52 1 0 -2.429686 -4.297525 -1.625686  53 1 0 1.352083 5.871524 0.006897  54 1 0 0.640450 5.551342 1.579560  55 1 0 -0.961642 -4.841866 -2.486047  56 1 0 -1.138758 -5.191468 -0.774497 |
| TM\_NP\_model\_scan\_m\_40\_m\_100 | 1 6 0 -1.399382 0.435300 -0.513303  2 6 0 -0.696624 1.578879 -0.146192  3 6 0 0.697652 1.597368 -0.020862  4 6 0 1.436235 0.415022 -0.276628  5 6 0 0.722428 -0.726578 -0.654895  6 6 0 -0.670579 -0.747159 -0.766303  7 6 0 2.923795 0.405188 -0.392144  8 6 0 3.556207 1.442722 -1.055976  9 6 0 4.954818 1.476063 -1.230967  10 6 0 5.737554 0.473909 -0.718796  11 6 0 5.154153 -0.586629 0.019567  12 6 0 3.732945 -0.619974 0.213033  13 6 0 3.203181 -1.647968 1.040352  14 6 0 4.014305 -2.607463 1.597658  15 6 0 5.406688 -2.596471 1.364040  16 6 0 5.960249 -1.602198 0.597494  17 6 0 -2.889511 0.508373 -0.640648  18 6 0 -3.747828 0.015078 0.394387  19 6 0 -5.167382 0.118457 0.227702  20 6 0 -5.688055 0.711306 -0.951312  21 6 0 -4.845536 1.186508 -1.923623  22 6 0 -3.445419 1.083763 -1.764669  23 6 0 -3.249273 -0.567421 1.590652  24 6 0 -4.103208 -1.031230 2.562385  25 6 0 -5.502669 -0.935828 2.392161  26 6 0 -6.019084 -0.372282 1.251622  27 6 0 1.335798 2.827558 0.497499  28 7 0 0.744253 3.951858 0.490611  29 6 0 1.427811 5.084552 1.081713  30 6 0 -1.349992 -1.989714 -1.187768  31 7 0 -0.721229 -3.079025 -1.363947  32 6 0 -1.474894 -4.241277 -1.788080  33 1 0 -1.230379 2.495362 0.072552  34 1 0 1.249018 -1.634120 -0.920278  35 1 0 2.955449 2.218861 -1.514666  36 1 0 5.401444 2.293539 -1.785545  37 1 0 6.813106 0.483417 -0.860419  38 1 0 2.141977 -1.667575 1.246394  39 1 0 3.581459 -3.376602 2.227384  40 1 0 6.034495 -3.364034 1.802325  41 1 0 7.031748 -1.569180 0.429695  42 1 0 -6.764190 0.784592 -1.068485  43 1 0 -5.247050 1.642233 -2.821662  44 1 0 -2.791336 1.459905 -2.543272  45 1 0 -2.178169 -0.637605 1.733573  46 1 0 -3.702053 -1.470759 3.468723  47 1 0 -6.165518 -1.305428 3.166443  48 1 0 -7.092723 -0.291407 1.116537  49 1 0 2.341364 2.710605 0.920991  50 1 0 2.426928 4.844070 1.476026  51 1 0 -2.433898 -1.918911 -1.344750  52 1 0 -2.551172 -4.050302 -1.914064  53 1 0 1.522361 5.878625 0.334230  54 1 0 0.815398 5.490005 1.893497  55 1 0 -1.065728 -4.608548 -2.734638  56 1 0 -1.340027 -5.043694 -1.055834 |
| TM\_NP\_model\_scan\_m\_40\_m\_110 | 1 6 0 -1.394157 0.520109 -0.470313  2 6 0 -0.662627 1.638109 -0.078584  3 6 0 0.732436 1.624567 0.035151  4 6 0 1.443820 0.434287 -0.256894  5 6 0 0.702835 -0.680610 -0.662220  6 6 0 -0.690693 -0.669191 -0.764794  7 6 0 2.929926 0.395636 -0.382255  8 6 0 3.580790 1.436814 -1.022152  9 6 0 4.978811 1.445228 -1.204383  10 6 0 5.742690 0.413330 -0.723714  11 6 0 5.140717 -0.654207 -0.010797  12 6 0 3.720152 -0.662734 0.189979  13 6 0 3.172835 -1.701451 0.992069  14 6 0 3.966249 -2.692665 1.518540  15 6 0 5.357348 -2.704636 1.277476  16 6 0 5.927983 -1.701889 0.534867  17 6 0 -2.882834 0.630450 -0.564198  18 6 0 -3.746185 -0.025699 0.373392  19 6 0 -5.164517 0.128888 0.236607  20 6 0 -5.680213 0.937826 -0.808411  21 6 0 -4.833488 1.576607 -1.677778  22 6 0 -3.435460 1.422818 -1.550566  23 6 0 -3.256130 -0.810713 1.452009  24 6 0 -4.115958 -1.425581 2.330286  25 6 0 -5.514088 -1.287323 2.181251  26 6 0 -6.022632 -0.524449 1.159466  27 6 0 1.399822 2.826208 0.582872  28 7 0 0.832154 3.962399 0.611780  29 6 0 1.543249 5.063275 1.230023  30 6 0 -1.392329 -1.878405 -1.244369  31 7 0 -0.791703 -2.983232 -1.421743  32 6 0 -1.560394 -4.106872 -1.917080  33 1 0 -1.175295 2.557279 0.175993  34 1 0 1.208839 -1.589550 -0.960648  35 1 0 2.994260 2.237609 -1.456231  36 1 0 5.439866 2.267630 -1.739529  37 1 0 6.817450 0.403895 -0.871248  38 1 0 2.112570 -1.704206 1.203810  39 1 0 3.520358 -3.469404 2.129547  40 1 0 5.970970 -3.496834 1.691324  41 1 0 6.999062 -1.687036 0.361841  42 1 0 -6.755499 1.046803 -0.903337  43 1 0 -5.230211 2.200011 -2.471077  44 1 0 -2.778690 1.926039 -2.251168  45 1 0 -2.186609 -0.915136 1.583782  46 1 0 -3.719809 -2.017393 3.147835  47 1 0 -6.181516 -1.779131 2.879919  48 1 0 -7.094957 -0.404889 1.044326  49 1 0 2.405473 2.676342 0.995714  50 1 0 2.539950 4.791010 1.609378  51 1 0 -2.464566 -1.766919 -1.448882  52 1 0 -2.623766 -3.878443 -2.083444  53 1 0 1.648766 5.876755 0.505230  54 1 0 0.945246 5.457191 2.058071  55 1 0 -1.120589 -4.455588 -2.856935  56 1 0 -1.482213 -4.936567 -1.207419 |
| TM\_NP\_model\_scan\_m\_40\_m\_120 | 1 6 0 -1.391017 0.578498 -0.454163  2 6 0 -0.638109 1.681232 -0.055560  3 6 0 0.756754 1.646743 0.050255  4 6 0 1.448988 0.447712 -0.251214  5 6 0 0.689061 -0.651196 -0.665081  6 6 0 -0.704136 -0.617800 -0.764133  7 6 0 2.933898 0.385183 -0.377827  8 6 0 3.602276 1.419900 -1.010147  9 6 0 5.000171 1.405762 -1.192864  10 6 0 5.746377 0.357065 -0.720801  11 6 0 5.126400 -0.705805 -0.016374  12 6 0 3.706002 -0.691454 0.185157  13 6 0 3.141096 -1.727282 0.978749  14 6 0 3.917422 -2.736598 1.496233  15 6 0 5.307994 -2.770607 1.254278  16 6 0 5.895621 -1.771561 0.519966  17 6 0 -2.878493 0.709308 -0.503602  18 6 0 -3.740933 -0.060957 0.347259  19 6 0 -5.158530 0.134057 0.255820  20 6 0 -5.675013 1.099864 -0.645299  21 6 0 -4.829151 1.857273 -1.414329  22 6 0 -3.433683 1.663337 -1.335214  23 6 0 -3.254357 -0.987511 1.309409  24 6 0 -4.114564 -1.703556 2.106892  25 6 0 -5.511990 -1.532828 1.990380  26 6 0 -6.017629 -0.630657 1.088121  27 6 0 1.443826 2.834046 0.605063  28 7 0 0.894346 3.978886 0.642133  29 6 0 1.623637 5.064138 1.266800  30 6 0 -1.416603 -1.803949 -1.285421  31 7 0 -0.839543 -2.924164 -1.442377  32 6 0 -1.612054 -4.019523 -1.992226  33 1 0 -1.135308 2.603241 0.218195  34 1 0 1.180497 -1.563635 -0.976706  35 1 0 3.029394 2.234007 -1.437622  36 1 0 5.475151 2.224314 -1.721695  37 1 0 6.820771 0.330357 -0.868916  38 1 0 2.081090 -1.713340 1.191391  39 1 0 3.458348 -3.510678 2.100812  40 1 0 5.907979 -3.576825 1.660984  41 1 0 6.966719 -1.773835 0.346435  42 1 0 -6.749610 1.236510 -0.705899  43 1 0 -5.225242 2.604771 -2.092294  44 1 0 -2.779083 2.258343 -1.961933  45 1 0 -2.186131 -1.120115 1.421108  46 1 0 -3.718028 -2.400712 2.836465  47 1 0 -6.180217 -2.106965 2.622243  48 1 0 -7.088886 -0.480237 1.003032  49 1 0 2.447449 2.665485 1.015624  50 1 0 2.616021 4.773353 1.643663  51 1 0 -2.472598 -1.658896 -1.545428  52 1 0 -2.657742 -3.758454 -2.213377  53 1 0 1.741921 5.880410 0.547119  54 1 0 1.032713 5.462358 2.097846  55 1 0 -1.131672 -4.371163 -2.910878  56 1 0 -1.596707 -4.858346 -1.289219 |
| TM\_NP\_model\_scan\_m\_40\_m\_130 | 1 6 0 -1.388897 0.618677 -0.448592  2 6 0 -0.617828 1.711449 -0.051822  3 6 0 0.776376 1.662600 0.047062  4 6 0 1.453940 0.453884 -0.247923  5 6 0 0.679069 -0.636189 -0.657188  6 6 0 -0.713448 -0.586098 -0.756932  7 6 0 2.937526 0.371559 -0.375270  8 6 0 3.618818 1.393876 -1.014033  9 6 0 5.016200 1.360256 -1.197923  10 6 0 5.748973 0.304410 -0.720718  11 6 0 5.115728 -0.746378 -0.009958  12 6 0 3.695834 -0.712262 0.192625  13 6 0 3.117828 -1.736344 0.991966  14 6 0 3.881211 -2.753006 1.514315  15 6 0 5.271055 -2.806500 1.271705  16 6 0 5.871258 -1.819252 0.531605  17 6 0 -2.874712 0.764971 -0.451682  18 6 0 -3.740531 -0.086886 0.318039  19 6 0 -5.155806 0.144222 0.275009  20 6 0 -5.667167 1.231280 -0.477869  21 6 0 -4.816807 2.075557 -1.144641  22 6 0 -3.426333 1.844153 -1.119613  23 6 0 -3.263834 -1.122350 1.168130  24 6 0 -4.129070 -1.914107 1.884494  25 6 0 -5.524701 -1.715776 1.797462  26 6 0 -6.021307 -0.703647 1.015477  27 6 0 1.478179 2.845735 0.592581  28 7 0 0.942652 3.997428 0.619989  29 6 0 1.685487 5.079343 1.234521  30 6 0 -1.428838 -1.756036 -1.312359  31 7 0 -0.873831 -2.891273 -1.436122  32 6 0 -1.642047 -3.965871 -2.031408  33 1 0 -1.101575 2.637283 0.232018  34 1 0 1.159032 -1.554451 -0.969481  35 1 0 3.056229 2.213057 -1.445444  36 1 0 5.501447 2.169482 -1.731765  37 1 0 6.822783 0.262759 -0.869629  38 1 0 2.058238 -1.707191 1.205238  39 1 0 3.412447 -3.517716 2.123356  40 1 0 5.860718 -3.618262 1.682462  41 1 0 6.942108 -1.836537 0.357386  42 1 0 -6.739747 1.392444 -0.501722  43 1 0 -5.205995 2.919734 -1.702431  44 1 0 -2.771648 2.506894 -1.673967  45 1 0 -2.198143 -1.280414 1.263427  46 1 0 -3.736432 -2.692648 2.528865  47 1 0 -6.197204 -2.352316 2.361322  48 1 0 -7.090245 -0.525514 0.960325  49 1 0 2.480028 2.668512 1.003767  50 1 0 2.674416 4.779905 1.613607  51 1 0 -2.463722 -1.583302 -1.633601  52 1 0 -2.664569 -3.676032 -2.315729  53 1 0 1.813434 5.887413 0.507257  54 1 0 1.099944 5.492429 2.062095  55 1 0 -1.116859 -4.333302 -2.918786  56 1 0 -1.693367 -4.802948 -1.328001 |
| TM\_NP\_model\_scan\_m\_40\_m\_140 | 1 6 0 1.390632 0.647639 0.479844  2 6 0 0.606838 1.736129 0.089856  3 6 0 -0.785893 1.677786 -0.014328  4 6 0 -1.455112 0.459329 0.258322  5 6 0 -0.671595 -0.628110 0.656783  6 6 0 0.719745 -0.567113 0.764780  7 6 0 -2.938329 0.361204 0.373672  8 6 0 -3.633672 1.367927 1.022131  9 6 0 -5.031668 1.317903 1.197003  10 6 0 -5.750760 0.260772 0.702104  11 6 0 -5.102634 -0.774577 -0.017881  12 6 0 -3.682091 -0.723192 -0.212079  13 6 0 -3.088955 -1.731416 -1.020394  14 6 0 -3.838610 -2.749962 -1.558719  15 6 0 -5.229071 -2.821056 -1.324361  16 6 0 -5.843772 -1.848852 -0.576267  17 6 0 2.875443 0.797448 0.430380  18 6 0 3.733706 -0.109834 -0.288600  19 6 0 5.146996 0.141960 -0.306502  20 6 0 5.662800 1.307228 0.313400  21 6 0 4.815943 2.212801 0.898935  22 6 0 3.430693 1.960688 0.938708  23 6 0 3.254581 -1.211465 -1.050240  24 6 0 4.113799 -2.049578 -1.719708  25 6 0 5.508923 -1.837333 -1.672803  26 6 0 6.007989 -0.758739 -0.987973  27 6 0 -1.493757 2.861519 -0.551031  28 7 0 -0.966805 4.017411 -0.563668  29 6 0 -1.714336 5.099818 -1.171766  30 6 0 1.430603 -1.727610 1.347834  31 7 0 0.888638 -2.870823 1.452454  32 6 0 1.647255 -3.930307 2.086188  33 1 0 1.079951 2.666953 -0.194108  34 1 0 -1.144213 -1.554003 0.957460  35 1 0 -3.081894 2.186921 1.467623  36 1 0 -5.528302 2.115231 1.738217  37 1 0 -6.824932 0.206280 0.844090  38 1 0 -2.028644 -1.688303 -1.227678  39 1 0 -3.358415 -3.502419 -2.174078  40 1 0 -5.807832 -3.634205 -1.747681  41 1 0 -6.915313 -1.879458 -0.408239  42 1 0 6.733458 1.480888 0.292997  43 1 0 5.204520 3.121337 1.344720  44 1 0 2.785130 2.672793 1.439521  45 1 0 2.190179 -1.384007 -1.122579  46 1 0 3.715009 -2.875435 -2.298028  47 1 0 6.177237 -2.512334 -2.195349  48 1 0 7.075201 -0.563361 -0.971802  49 1 0 -2.491941 2.681126 -0.969598  50 1 0 -2.699002 4.796762 -1.558930  51 1 0 2.447972 -1.537670 1.713004  52 1 0 2.651431 -3.622265 2.413421  53 1 0 -1.852018 5.899954 -0.437559  54 1 0 -1.127566 5.524982 -1.992341  55 1 0 1.089810 -4.302409 2.951675  56 1 0 1.743195 -4.769509 1.390027 |
| TM\_NP\_model\_scan\_m\_40\_p\_20 | 1 6 0 -1.402837 0.361460 0.092941  2 6 0 -0.929588 -0.927583 -0.190825  3 6 0 0.418961 -1.290153 -0.149636  4 6 0 1.396581 -0.307978 0.135811  5 6 0 0.937901 0.987619 0.390805  6 6 0 -0.411037 1.345810 0.358866  7 6 0 2.825945 -0.638736 0.394536  8 6 0 3.133059 -1.756493 1.152432  9 6 0 4.462534 -2.103929 1.467091  10 6 0 5.502333 -1.338132 1.006681  11 6 0 5.254743 -0.210495 0.183538  12 6 0 3.905160 0.140476 -0.153973  13 6 0 3.709835 1.220833 -1.057512  14 6 0 4.771431 1.939519 -1.553395  15 6 0 6.094606 1.618875 -1.179803  16 6 0 6.326415 0.561863 -0.336199  17 6 0 -2.810387 0.693838 -0.276096  18 6 0 -3.915787 -0.191132 0.023876  19 6 0 -5.237924 0.183135 -0.392793  20 6 0 -5.456862 1.447122 -0.995992  21 6 0 -4.417304 2.324648 -1.153799  22 6 0 -3.112147 1.952324 -0.775436  23 6 0 -3.790705 -1.392844 0.775265  24 6 0 -4.871787 -2.205976 1.022186  25 6 0 -6.152493 -1.870036 0.535723  26 6 0 -6.327511 -0.692860 -0.146111  27 6 0 0.780525 -2.664269 -0.563138  28 7 0 -0.061367 -3.615586 -0.552734  29 6 0 0.368207 -4.911416 -1.039236  30 6 0 -0.751109 2.710416 0.826624  31 7 0 0.070514 3.676360 0.755698  32 6 0 -0.325438 4.950764 1.321533  33 1 0 -1.614624 -1.692497 -0.526391  34 1 0 1.637456 1.759281 0.683219  35 1 0 2.327343 -2.346415 1.572566  36 1 0 4.652023 -2.972064 2.088150  37 1 0 6.527973 -1.588949 1.255918  38 1 0 2.707144 1.475223 -1.371950  39 1 0 4.590608 2.756521 -2.242723  40 1 0 6.922644 2.198662 -1.571706  41 1 0 7.340058 0.290719 -0.059829  42 1 0 -6.461806 1.713168 -1.306057  43 1 0 -4.583365 3.303699 -1.588631  44 1 0 -2.307140 2.639296 -0.999521  45 1 0 -2.831459 -1.668135 1.188017  46 1 0 -4.737380 -3.109926 1.605422  47 1 0 -6.994293 -2.526959 0.723090  48 1 0 -7.312784 -0.398615 -0.492543  49 1 0 1.811406 -2.812255 -0.908930  50 1 0 1.419358 -4.937488 -1.364300  51 1 0 -1.742550 2.831175 1.282994  52 1 0 -1.337698 4.949385 1.753874  53 1 0 0.220482 -5.658588 -0.253039  54 1 0 -0.268681 -5.209196 -1.878269  55 1 0 0.390102 5.236271 2.099165  56 1 0 -0.270787 5.722242 0.546940 |
| TM\_NP\_model\_scan\_m\_40\_p\_30 | 1 6 0 -1.398666 0.331267 0.003609  2 6 0 -0.915708 -0.951556 -0.280866  3 6 0 0.436412 -1.297742 -0.219631  4 6 0 1.395575 -0.308737 0.107770  5 6 0 0.919556 0.977407 0.378123  6 6 0 -0.432653 1.322211 0.319005  7 6 0 2.822222 -0.630598 0.394274  8 6 0 3.123118 -1.759585 1.137762  9 6 0 4.448476 -2.100805 1.475845  10 6 0 5.491005 -1.316997 1.053514  11 6 0 5.251055 -0.176351 0.246275  12 6 0 3.906068 0.168512 -0.115072  13 6 0 3.720908 1.263932 -1.002557  14 6 0 4.786423 2.001808 -1.460344  15 6 0 6.103851 1.686427 -1.062718  16 6 0 6.326715 0.615705 -0.234162  17 6 0 -2.813700 0.655399 -0.337030  18 6 0 -3.912165 -0.195580 0.052970  19 6 0 -5.244016 0.165491 -0.341503  20 6 0 -5.466643 1.378194 -1.041156  21 6 0 -4.420611 2.218242 -1.320639  22 6 0 -3.107447 1.861115 -0.954132  23 6 0 -3.761570 -1.354332 0.863819  24 6 0 -4.838616 -2.137971 1.204284  25 6 0 -6.136952 -1.810570 0.758527  26 6 0 -6.331004 -0.677211 0.010356  27 6 0 0.825274 -2.659641 -0.648705  28 7 0 -0.004679 -3.620912 -0.679104  29 6 0 0.453953 -4.901923 -1.177950  30 6 0 -0.811437 2.680347 0.771967  31 7 0 0.009630 3.649515 0.764910  32 6 0 -0.432620 4.921407 1.300886  33 1 0 -1.594201 -1.720352 -0.623990  34 1 0 1.604863 1.749657 0.701287  35 1 0 2.313974 -2.364931 1.528354  36 1 0 4.632206 -2.978851 2.084590  37 1 0 6.513143 -1.563005 1.321228  38 1 0 2.723212 1.514937 -1.335036  39 1 0 4.613428 2.830095 -2.138129  40 1 0 6.934870 2.281302 -1.424569  41 1 0 7.336405 0.348779 0.060194  42 1 0 -6.478801 1.634949 -1.335284  43 1 0 -4.590333 3.154798 -1.839575  44 1 0 -2.296166 2.513916 -1.250552  45 1 0 -2.783322 -1.618262 1.239367  46 1 0 -4.688660 -3.011813 1.828215  47 1 0 -6.976536 -2.442922 1.024240  48 1 0 -7.327598 -0.395586 -0.313450  49 1 0 1.866634 -2.788604 -0.969815  50 1 0 1.513953 -4.909555 -1.474018  51 1 0 -1.834576 2.796291 1.152355  52 1 0 -1.474027 4.915407 1.657090  53 1 0 0.293646 -5.665875 -0.410558  54 1 0 -0.155871 -5.190955 -2.039875  55 1 0 0.222397 5.209384 2.129332  56 1 0 -0.324117 5.693772 0.532833 |
| TM\_NP\_model\_scan\_m\_40\_p\_40 | 1 6 0 1.394384 0.306755 0.083360  2 6 0 0.900814 -0.969891 0.366884  3 6 0 -0.453822 -1.301848 0.281627  4 6 0 -1.394351 -0.306942 -0.083457  5 6 0 -0.900791 0.969722 -0.366924  6 6 0 0.453852 1.301683 -0.281632  7 6 0 -2.818059 -0.619106 -0.396839  8 6 0 -3.115562 -1.756684 -1.128251  9 6 0 -4.437496 -2.090890 -1.486411  10 6 0 -5.480559 -1.291938 -1.094937  11 6 0 -5.245197 -0.141928 -0.299781  12 6 0 -3.903952 0.196591 0.080888  13 6 0 -3.725260 1.302831 0.956236  14 6 0 -4.792367 2.055835 1.384690  15 6 0 -6.105178 1.745940 0.967923  16 6 0 -6.322414 0.665807 0.150185  17 6 0 2.818093 0.619015 0.396535  18 6 0 3.904018 -0.196669 -0.081139  19 6 0 5.245244 0.141971 0.299453  20 6 0 5.480570 1.292057 1.094521  21 6 0 4.437481 2.090985 1.485962  22 6 0 3.115549 1.756670 1.127861  23 6 0 3.725341 -1.302983 -0.956379  24 6 0 4.792488 -2.055902 -1.384904  25 6 0 6.105295 -1.745875 -0.968239  26 6 0 6.322496 -0.665711 -0.150531  27 6 0 -0.867839 -2.653949 0.718183  28 7 0 -0.049231 -3.623237 0.782463  29 6 0 -0.534631 -4.893147 1.284283  30 6 0 0.867736 2.653942 -0.717927  31 7 0 0.049208 3.623326 -0.781233  32 6 0 0.534320 4.893403 -1.282926  33 1 0 1.571487 -1.742677 0.718522  34 1 0 -1.571449 1.742555 -0.718480  35 1 0 -2.304984 -2.375488 -1.494045  36 1 0 -4.617864 -2.976214 -2.085553  37 1 0 -6.499769 -1.532897 -1.377952  38 1 0 -2.731479 1.550032 1.302985  39 1 0 -4.624434 2.891932 2.054119  40 1 0 -6.937371 2.352652 1.306710  41 1 0 -7.328946 0.403249 -0.158557  42 1 0 6.499774 1.533048 1.377527  43 1 0 4.617818 2.976372 2.085017  44 1 0 2.304936 2.375461 1.493599  45 1 0 2.731539 -1.550312 -1.302978  46 1 0 4.624577 -2.892009 -2.054326  47 1 0 6.937510 -2.352530 -1.307072  48 1 0 7.329016 -0.403069 0.158178  49 1 0 -1.918427 -2.768092 1.013708  50 1 0 -1.602172 -4.886202 1.551996  51 1 0 1.918175 2.768017 -1.014086  52 1 0 1.601733 4.886563 -1.551154  53 1 0 -0.362215 -5.667984 0.530561  54 1 0 0.049019 -5.177967 2.165509  55 1 0 -0.049761 5.178432 -2.163799  56 1 0 0.362238 5.668038 -0.528924 |
| TM\_NP\_model\_scan\_m\_40\_p\_50 | 1 6 0 -1.391524 -0.278480 0.179875  2 6 0 -0.883219 0.991301 0.459073  3 6 0 0.473897 1.306679 0.347771  4 6 0 1.392746 0.304077 -0.052464  5 6 0 0.878605 -0.963194 -0.341030  6 6 0 -0.478130 -1.279602 -0.226314  7 6 0 2.812103 0.603990 -0.398026  8 6 0 3.104810 1.746602 -1.123354  9 6 0 4.421526 2.070607 -1.509174  10 6 0 5.464818 1.256574 -1.150804  11 6 0 5.235670 0.100612 -0.362545  12 6 0 3.900056 -0.227979 0.045549  13 6 0 3.729879 -1.341562 0.913270  14 6 0 4.798538 -2.109987 1.309204  15 6 0 6.104599 -1.809347 0.865328  16 6 0 6.314361 -0.723014 0.053900  17 6 0 -2.825051 -0.570238 0.471567  18 6 0 -3.890872 0.196723 -0.111841  19 6 0 -5.244234 -0.108510 0.252458  20 6 0 -5.504057 -1.171540 1.154299  21 6 0 -4.473481 -1.915740 1.668797  22 6 0 -3.139979 -1.615645 1.321330  23 6 0 -3.674974 1.226055 -1.068351  24 6 0 -4.724553 1.933879 -1.603182  25 6 0 -6.053170 1.651827 -1.216140  26 6 0 -6.303093 0.649318 -0.312974  27 6 0 0.915943 2.648611 0.788273  28 7 0 0.111128 3.626301 0.888874  29 6 0 0.626232 4.884276 1.390919  30 6 0 -0.927708 -2.625942 -0.642224  31 7 0 -0.118554 -3.595601 -0.779598  32 6 0 -0.645692 -4.863122 -1.243442  33 1 0 -1.542754 1.770802 0.818505  34 1 0 1.531689 -1.739250 -0.717890  35 1 0 2.292745 2.378318 -1.462846  36 1 0 4.597344 2.960501 -2.102877  37 1 0 6.479672 1.489799 -1.455133  38 1 0 2.741686 -1.582020 1.280172  39 1 0 4.637342 -2.951303 1.973744  40 1 0 6.937892 -2.428252 1.178394  41 1 0 7.316227 -0.467727 -0.275420  42 1 0 -6.532122 -1.388926 1.424266  43 1 0 -4.674055 -2.731310 2.354333  44 1 0 -2.337762 -2.192782 1.766608  45 1 0 -2.665162 1.449060 -1.385591  46 1 0 -4.531444 2.712874 -2.332079  47 1 0 -6.871815 2.221441 -1.641335  48 1 0 -7.321192 0.413809 -0.020692  49 1 0 1.975979 2.747131 1.054205  50 1 0 1.701313 4.862160 1.625674  51 1 0 -1.999399 -2.737380 -0.849254  52 1 0 -1.731725 -4.854132 -1.421445  53 1 0 0.439850 5.670384 0.652332  54 1 0 0.073015 5.164644 2.292970  55 1 0 -0.137425 -5.145534 -2.170935  56 1 0 -0.412193 -5.640590 -0.509122 |
| TM\_NP\_model\_scan\_m\_40\_p\_60 | 1 6 0 1.390102 -0.242515 -0.274843  2 6 0 0.862925 1.020203 -0.543601  3 6 0 -0.496499 1.316198 -0.404985  4 6 0 -1.391181 0.302409 0.022527  5 6 0 -0.853818 -0.956026 0.306696  6 6 0 0.504647 -1.253701 0.161026  7 6 0 -2.806149 0.584924 0.400900  8 6 0 -3.097191 1.727244 1.127212  9 6 0 -4.408734 2.035468 1.542544  10 6 0 -5.449174 1.206129 1.212129  11 6 0 -5.223061 0.049788 0.423580  12 6 0 -3.893014 -0.263069 -0.013928  13 6 0 -3.728337 -1.377963 -0.881050  14 6 0 -4.795695 -2.161728 -1.249425  15 6 0 -6.094985 -1.876377 -0.776534  16 6 0 -6.300184 -0.789575 0.035402  17 6 0 2.833455 -0.504970 -0.555496  18 6 0 3.874237 0.190926 0.144899  19 6 0 5.239973 -0.067655 -0.207438  20 6 0 5.532132 -1.010280 -1.225861  21 6 0 4.521147 -1.680022 -1.866759  22 6 0 3.175186 -1.426522 -1.527192  23 6 0 3.616545 1.110111 1.198018  24 6 0 4.642897 1.753394 1.846988  25 6 0 5.986220 1.512375 1.482339  26 6 0 6.274189 0.619599 0.480441  27 6 0 -0.968313 2.649280 -0.841467  28 7 0 -0.179759 3.636618 -0.972102  29 6 0 -0.725927 4.884038 -1.467501  30 6 0 0.988907 -2.595882 0.548018  31 7 0 0.195620 -3.565203 0.759871  32 6 0 0.762223 -4.832047 1.176168  33 1 0 1.508354 1.809485 -0.908265  34 1 0 -1.487194 -1.739368 0.701849  35 1 0 -2.286029 2.371583 1.444427  36 1 0 -4.582498 2.925739 2.136292  37 1 0 -6.459691 1.427323 1.539025  38 1 0 -2.745695 -1.606981 -1.269580  39 1 0 -4.638942 -3.003554 -1.914392  40 1 0 -6.927070 -2.507441 -1.067780  41 1 0 -7.297442 -0.546006 0.386835  42 1 0 6.569174 -1.193947 -1.486465  43 1 0 4.747365 -2.400813 -2.644359  44 1 0 2.387576 -1.946947 -2.060511  45 1 0 2.592722 1.300274 1.492302  46 1 0 4.420903 2.449783 2.647726  47 1 0 6.786426 2.029247 2.000021  48 1 0 7.303528 0.420857 0.200428  49 1 0 -2.036668 2.732270 -1.077728  50 1 0 -1.807149 4.846421 -1.669905  51 1 0 2.074833 -2.706447 0.659115  52 1 0 1.859498 -4.821663 1.259893  53 1 0 -0.527800 5.677989 -0.740480  54 1 0 -0.203426 5.164564 -2.387653  55 1 0 0.335795 -5.115294 2.143739  56 1 0 0.467253 -5.609495 0.464242 |
| TM\_NP\_model\_scan\_m\_40\_p\_70 | 1 6 0 1.389553 -0.173232 -0.369338  2 6 0 0.832495 1.079899 -0.614533  3 6 0 -0.530923 1.343640 -0.446640  4 6 0 -1.392844 0.307094 -0.006105  5 6 0 -0.822654 -0.941671 0.255956  6 6 0 0.538513 -1.207652 0.076561  7 6 0 -2.804431 0.556109 0.407695  8 6 0 -3.102246 1.686666 1.149477  9 6 0 -4.409327 1.962525 1.600162  10 6 0 -5.439142 1.112427 1.289928  11 6 0 -5.207511 -0.032897 0.487037  12 6 0 -3.882482 -0.312614 0.013483  13 6 0 -3.715401 -1.416974 -0.866611  14 6 0 -4.774215 -2.221543 -1.214194  15 6 0 -6.066905 -1.969182 -0.705792  16 6 0 -6.275305 -0.893325 0.119774  17 6 0 2.842048 -0.393890 -0.650801  18 6 0 3.856992 0.185493 0.178155  19 6 0 5.233845 -0.024486 -0.161696  20 6 0 5.559268 -0.800651 -1.303324  21 6 0 4.570037 -1.353317 -2.076335  22 6 0 3.212685 -1.148820 -1.746088  23 6 0 3.558929 0.946158 1.341109  24 6 0 4.560839 1.481228 2.114367  25 6 0 5.916789 1.283828 1.769530  26 6 0 6.242024 0.546335 0.658353  27 6 0 -1.042339 2.668044 -0.864474  28 7 0 -0.278857 3.672504 -1.012445  29 6 0 -0.864555 4.909482 -1.488269  30 6 0 1.064924 -2.545762 0.417653  31 7 0 0.301709 -3.523146 0.692922  32 6 0 0.913429 -4.788433 1.044729  33 1 0 1.455773 1.887655 -0.977761  34 1 0 -1.430056 -1.742688 0.656563  35 1 0 -2.297832 2.346772 1.451088  36 1 0 -4.587642 2.844529 2.204806  37 1 0 -6.445678 1.308570 1.643963  38 1 0 -2.738099 -1.620966 -1.281726  39 1 0 -4.615994 -3.054564 -1.889832  40 1 0 -6.891883 -2.616728 -0.980597  41 1 0 -7.268385 -0.674771 0.498419  42 1 0 6.604373 -0.950083 -1.553515  43 1 0 4.822400 -1.945165 -2.948960  44 1 0 2.441741 -1.580211 -2.374866  45 1 0 2.523494 1.101398 1.616018  46 1 0 4.310627 2.058652 2.997232  47 1 0 6.697518 1.713744 2.386880  48 1 0 7.281141 0.385759 0.390195  49 1 0 -2.118092 2.729011 -1.072288  50 1 0 -1.949541 4.849039 -1.663284  51 1 0 2.157428 -2.647182 0.430540  52 1 0 2.013604 -4.769149 1.028757  53 1 0 -0.665286 5.704820 -0.763062  54 1 0 -0.371917 5.204942 -2.420146  55 1 0 0.578609 -5.083432 2.044304  56 1 0 0.561185 -5.562324 0.355310 |
| TM\_NP\_model\_scan\_m\_40\_p\_80 | 1 6 0 1.389420 -0.080375 -0.445381  2 6 0 0.797007 1.162358 -0.651693  3 6 0 -0.570556 1.385191 -0.455514  4 6 0 -1.396437 0.316133 -0.024284  5 6 0 -0.789803 -0.923837 0.195599  6 6 0 0.574413 -1.148491 -0.014209  7 6 0 -2.805564 0.518338 0.422540  8 6 0 -3.116546 1.622857 1.197478  9 6 0 -4.420422 1.853686 1.681504  10 6 0 -5.434434 0.984637 1.371906  11 6 0 -5.190582 -0.134636 0.536518  12 6 0 -3.869236 -0.368059 0.028849  13 6 0 -3.692889 -1.445758 -0.882036  14 6 0 -4.738061 -2.268718 -1.227832  15 6 0 -6.025568 -2.062815 -0.686374  16 6 0 -6.243645 -1.013305 0.170028  17 6 0 2.849703 -0.248964 -0.732118  18 6 0 3.840703 0.169775 0.212508  19 6 0 5.226272 0.019831 -0.121990  20 6 0 5.582661 -0.538808 -1.376157  21 6 0 4.614780 -0.936317 -2.263161  22 6 0 3.248148 -0.789985 -1.937472  23 6 0 3.507432 0.720813 1.479337  24 6 0 4.486296 1.108281 2.362431  25 6 0 5.851765 0.965709 2.027713  26 6 0 6.209942 0.433361 0.813954  27 6 0 -1.123894 2.704882 -0.832686  28 7 0 -0.389132 3.731467 -0.974312  29 6 0 -1.015458 4.963261 -1.409942  30 6 0 1.143069 -2.484179 0.260719  31 7 0 0.415941 -3.480937 0.562506  32 6 0 1.069132 -4.745621 0.831863  33 1 0 1.394220 1.995952 -0.999995  34 1 0 -1.369547 -1.751624 0.582650  35 1 0 -2.323104 2.296230 1.498831  36 1 0 -4.608415 2.716189 2.310850  37 1 0 -6.437994 1.146039 1.751056  38 1 0 -2.719681 -1.613976 -1.322147  39 1 0 -4.573177 -3.080410 -1.927427  40 1 0 -6.839423 -2.724696 -0.960168  41 1 0 -7.233688 -0.829910 0.574417  42 1 0 6.634128 -0.645591 -1.621495  43 1 0 4.891127 -1.361096 -3.221623  44 1 0 2.494363 -1.101225 -2.652146  45 1 0 2.463675 0.834999 1.743854  46 1 0 4.210907 1.527001 3.323848  47 1 0 6.614012 1.277289 2.732980  48 1 0 7.256579 0.319359 0.551259  49 1 0 -2.205016 2.742946 -1.016679  50 1 0 -2.101811 4.878779 -1.565550  51 1 0 2.235402 -2.567354 0.194493  52 1 0 2.164874 -4.707958 0.737909  53 1 0 -0.822170 5.746816 -0.670406  54 1 0 -0.548996 5.292584 -2.343956  55 1 0 0.810920 -5.074904 1.843370  56 1 0 0.679276 -5.504623 0.146129 |
| TM\_NP\_model\_scan\_m\_40\_p\_90 | 1 6 0 1.390283 0.043102 -0.506406  2 6 0 0.756608 1.273609 -0.650815  3 6 0 -0.615148 1.443261 -0.429328  4 6 0 -1.400693 0.330343 -0.036162  5 6 0 -0.753757 -0.900028 0.113231  6 6 0 0.613428 -1.071169 -0.124313  7 6 0 -2.806711 0.468364 0.443779  8 6 0 -3.134173 1.525444 1.276087  9 6 0 -4.434123 1.693878 1.795070  10 6 0 -5.428021 0.809527 1.464517  11 6 0 -5.168412 -0.261696 0.572632  12 6 0 -3.851662 -0.430255 0.028498  13 6 0 -3.662580 -1.457656 -0.936325  14 6 0 -4.689790 -2.295149 -1.300544  15 6 0 -5.971059 -2.154971 -0.724323  16 6 0 -6.202171 -1.154231 0.185411  17 6 0 2.857742 -0.059274 -0.790939  18 6 0 3.822931 0.147509 0.245954  19 6 0 5.216785 0.059561 -0.074708  20 6 0 5.606596 -0.227421 -1.408229  21 6 0 4.662922 -0.419101 -2.385007  22 6 0 3.287548 -0.334128 -2.072547  23 6 0 3.454415 0.435010 1.587829  24 6 0 4.408378 0.625213 2.558398  25 6 0 5.782421 0.539005 2.239921  26 6 0 6.174118 0.262930 0.953229  27 6 0 -1.214931 2.760254 -0.737913  28 7 0 -0.514272 3.814135 -0.849122  29 6 0 -1.186403 5.043569 -1.217936  30 6 0 1.224236 -2.404337 0.055402  31 7 0 0.537211 -3.429263 0.356565  32 6 0 1.228840 -4.691804 0.518136  33 1 0 1.324115 2.142248 -0.961069  34 1 0 -1.303015 -1.764759 0.462244  35 1 0 -2.354634 2.207210 1.594300  36 1 0 -4.634602 2.520136 2.467690  37 1 0 -6.427939 0.922460 1.869950  38 1 0 -2.694194 -1.574412 -1.402995  39 1 0 -4.515628 -3.067181 -2.041564  40 1 0 -6.770410 -2.828004 -1.013200  41 1 0 -7.188482 -1.020663 0.617510  42 1 0 6.664236 -0.291137 -1.641734  43 1 0 4.964938 -0.635951 -3.403442  44 1 0 2.552855 -0.486482 -2.855354  45 1 0 2.403598 0.507087 1.839158  46 1 0 4.106736 0.845101 3.576316  47 1 0 6.524929 0.692738 3.014896  48 1 0 7.227678 0.196458 0.702031  49 1 0 -2.300265 2.772902 -0.899063  50 1 0 -2.272499 4.931831 -1.357359  51 1 0 2.311112 -2.461052 -0.086407  52 1 0 2.314919 -4.627065 0.353636  53 1 0 -1.002802 5.799421 -0.447716  54 1 0 -0.748691 5.428279 -2.144684  55 1 0 1.044898 -5.075305 1.526744  56 1 0 0.806874 -5.424106 -0.177578 |
| TM\_NP\_model\_scan\_m\_40\_p\_100 | 1 6 0 1.386586 0.182019 -0.507749  2 6 0 0.712906 1.397889 -0.573101  3 6 0 -0.662518 1.509646 -0.336994  4 6 0 -1.410425 0.349900 -0.012828  5 6 0 -0.724123 -0.866537 0.055168  6 6 0 0.645808 -0.979266 -0.198531  7 6 0 -2.818224 0.410817 0.477799  8 6 0 -3.178111 1.401448 1.375760  9 6 0 -4.481378 1.492525 1.905773  10 6 0 -5.446320 0.598455 1.520055  11 6 0 -5.154629 -0.403227 0.559817  12 6 0 -3.834648 -0.492222 0.004697  13 6 0 -3.615347 -1.445652 -1.027228  14 6 0 -4.615887 -2.289638 -1.446482  15 6 0 -5.899154 -2.230583 -0.860757  16 6 0 -6.159778 -1.301505 0.114637  17 6 0 2.855640 0.148883 -0.797033  18 6 0 3.818151 0.111038 0.262863  19 6 0 5.212929 0.090715 -0.065760  20 6 0 5.606925 0.116260 -1.428362  21 6 0 4.666570 0.164320 -2.425529  22 6 0 3.290392 0.181123 -2.105944  23 6 0 3.447607 0.100837 1.634602  24 6 0 4.399481 0.062509 2.625113  25 6 0 5.773971 0.034580 2.298597  26 6 0 6.167891 0.050217 0.983446  27 6 0 -1.305342 2.823360 -0.560215  28 7 0 -0.638861 3.903625 -0.614317  29 6 0 -1.353197 5.130756 -0.902818  30 6 0 1.293656 -2.305525 -0.130047  31 7 0 0.647146 -3.361168 0.154011  32 6 0 1.370560 -4.615555 0.194142  33 1 0 1.251732 2.302859 -0.825141  34 1 0 -1.244859 -1.769862 0.345260  35 1 0 -2.420357 2.086773 1.736053  36 1 0 -4.707354 2.266506 2.630462  37 1 0 -6.448082 0.651521 1.933135  38 1 0 -2.645285 -1.498332 -1.501859  39 1 0 -4.419155 -3.003244 -2.238646  40 1 0 -6.677249 -2.908195 -1.193605  41 1 0 -7.148670 -1.229572 0.555430  42 1 0 6.665197 0.100638 -1.667144  43 1 0 4.971730 0.187762 -3.465612  44 1 0 2.558417 0.214464 -2.905123  45 1 0 2.397038 0.130484 1.895658  46 1 0 4.095341 0.057482 3.665796  47 1 0 6.514644 0.004828 3.089784  48 1 0 7.221786 0.034279 0.725557  49 1 0 -2.392231 2.811536 -0.710597  50 1 0 -2.437254 4.993241 -1.034828  51 1 0 2.369916 -2.329675 -0.343234  52 1 0 2.441947 -4.517828 -0.036799  53 1 0 -1.181685 5.846537 -0.092618  54 1 0 -0.940816 5.581297 -1.811359  55 1 0 1.261006 -5.061212 1.187930  56 1 0 0.916307 -5.315018 -0.514910 |
| TM\_NP\_model\_scan\_m\_40\_p\_110 | 1 6 0 1.386981 0.287752 -0.509624  2 6 0 0.684128 1.489438 -0.507635  3 6 0 -0.693271 1.556965 -0.267798  4 6 0 -1.414703 0.365111 -0.007185  5 6 0 -0.702083 -0.838049 -0.014586  6 6 0 0.669081 -0.906249 -0.276225  7 6 0 -2.819723 0.367232 0.494898  8 6 0 -3.192791 1.296226 1.451469  9 6 0 -4.492146 1.325932 1.997929  10 6 0 -5.440159 0.432575 1.570607  11 6 0 -5.135895 -0.504624 0.551120  12 6 0 -3.820320 -0.530110 -0.020739  13 6 0 -3.590500 -1.416199 -1.108803  14 6 0 -4.575695 -2.258150 -1.566730  15 6 0 -5.853315 -2.264035 -0.965874  16 6 0 -6.124704 -1.399494 0.064365  17 6 0 2.860286 0.314185 -0.768962  18 6 0 3.806914 0.062207 0.277652  19 6 0 5.206766 0.117365 -0.024471  20 6 0 5.623321 0.434503 -1.342961  21 6 0 4.699199 0.694243 -2.322411  22 6 0 3.318539 0.635555 -2.030802  23 6 0 3.417455 -0.222801 1.614393  24 6 0 4.354628 -0.461030 2.590853  25 6 0 5.733692 -0.424288 2.286009  26 6 0 6.146440 -0.138020 1.008365  27 6 0 -1.365778 2.866435 -0.415765  28 7 0 -0.723517 3.962636 -0.416935  29 6 0 -1.466991 5.187078 -0.634521  30 6 0 1.336327 -2.224564 -0.316565  31 7 0 0.720792 -3.303357 -0.051605  32 6 0 1.457232 -4.548166 -0.132612  33 1 0 1.203013 2.420454 -0.699472  34 1 0 -1.202721 -1.769036 0.217592  35 1 0 -2.447027 1.977032 1.843948  36 1 0 -4.728046 2.051219 2.768374  37 1 0 -6.438126 0.437460 1.996042  38 1 0 -2.625257 -1.417229 -1.596007  39 1 0 -4.371501 -2.919373 -2.401321  40 1 0 -6.619069 -2.939624 -1.329991  41 1 0 -7.110046 -1.376997 0.518216  42 1 0 6.685505 0.473320 -1.560663  43 1 0 5.020790 0.942661 -3.327528  44 1 0 2.599663 0.834635 -2.817646  45 1 0 2.363880 -0.242852 1.862768  46 1 0 4.034787 -0.674176 3.604636  47 1 0 6.462821 -0.615844 3.065217  48 1 0 7.203989 -0.098348 0.768555  49 1 0 -2.453356 2.838624 -0.559036  50 1 0 -2.548926 5.032525 -0.765057  51 1 0 2.396372 -2.221790 -0.599828  52 1 0 2.510377 -4.422827 -0.425630  53 1 0 -1.303853 5.862939 0.210905  54 1 0 -1.072817 5.693826 -1.521269  55 1 0 1.416581 -5.052773 0.837881  56 1 0 0.964559 -5.210906 -0.851251 |
| TM\_NP\_model\_scan\_m\_40\_p\_120 | 1 6 0 1.384802 0.363234 -0.493028  2 6 0 0.659056 1.551512 -0.445092  3 6 0 -0.719115 1.587334 -0.205636  4 6 0 -1.420899 0.375239 0.010495  5 6 0 -0.687298 -0.814091 -0.041383  6 6 0 0.684662 -0.850294 -0.304480  7 6 0 -2.826146 0.334543 0.509481  8 6 0 -3.217111 1.221335 1.498437  9 6 0 -4.517985 1.208799 2.042026  10 6 0 -5.449831 0.315996 1.579407  11 6 0 -5.127627 -0.577188 0.526505  12 6 0 -3.810634 -0.559203 -0.042234  13 6 0 -3.564103 -1.399081 -1.162847  14 6 0 -4.534173 -2.239346 -1.654893  15 6 0 -5.812588 -2.289525 -1.057841  16 6 0 -6.100390 -1.469320 0.003725  17 6 0 2.859717 0.434851 -0.723653  18 6 0 3.805438 0.015750 0.271531  19 6 0 5.206228 0.135078 -0.010064  20 6 0 5.626289 0.687848 -1.246822  21 6 0 4.704440 1.122804 -2.164166  22 6 0 3.324402 1.000653 -1.895494  23 6 0 3.419053 -0.482729 1.545545  24 6 0 4.357073 -0.872147 2.471316  25 6 0 5.736081 -0.782419 2.178176  26 6 0 6.146871 -0.285650 0.966486  27 6 0 -1.412279 2.890862 -0.304071  28 7 0 -0.787684 3.996405 -0.262063  29 6 0 -1.550524 5.216412 -0.432703  30 6 0 1.361605 -2.159372 -0.425616  31 7 0 0.771692 -3.253484 -0.165458  32 6 0 1.511880 -4.486604 -0.339710  33 1 0 1.162229 2.498966 -0.593140  34 1 0 -1.172640 -1.762025 0.151350  35 1 0 -2.483923 1.899421 1.918418  36 1 0 -4.767659 1.901020 2.838122  37 1 0 -6.448604 0.288194 2.002047  38 1 0 -2.598473 -1.364891 -1.648087  39 1 0 -4.317535 -2.864560 -2.513763  40 1 0 -6.566238 -2.963360 -1.449440  41 1 0 -7.086880 -1.480377 0.455499  42 1 0 6.689094 0.770413 -1.448624  43 1 0 5.027771 1.557423 -3.103251  44 1 0 2.608011 1.335202 -2.637275  45 1 0 2.366927 -0.544526 1.791569  46 1 0 4.037080 -1.244850 3.437863  47 1 0 6.465771 -1.096396 2.916006  48 1 0 7.204076 -0.198195 0.738224  49 1 0 -2.499160 2.851329 -0.449798  50 1 0 -2.629378 5.049650 -0.573243  51 1 0 2.402751 -2.136065 -0.770819  52 1 0 2.544662 -4.338523 -0.688920  53 1 0 -1.400987 5.859981 0.439996  54 1 0 -1.162157 5.765132 -1.296739  55 1 0 1.533071 -5.029693 0.610396  56 1 0 0.982763 -5.125401 -1.054112 |
| TM\_NP\_model\_scan\_m\_40\_p\_130 | 1 6 0 1.386054 0.418297 -0.495109  2 6 0 0.642320 1.595368 -0.416020  3 6 0 -0.736035 1.609285 -0.179557  4 6 0 -1.423192 0.384869 0.011808  5 6 0 -0.675043 -0.793272 -0.072327  6 6 0 0.696618 -0.807376 -0.338736  7 6 0 -2.825400 0.316309 0.515348  8 6 0 -3.221360 1.176134 1.526041  9 6 0 -4.518825 1.135901 2.076225  10 6 0 -5.442313 0.241809 1.599504  11 6 0 -5.115262 -0.624229 0.525651  12 6 0 -3.802132 -0.577180 -0.050313  13 6 0 -3.552205 -1.388971 -1.190698  14 6 0 -4.514504 -2.230987 -1.694846  15 6 0 -5.788264 -2.310826 -1.091096  16 6 0 -6.079838 -1.517374 -0.010410  17 6 0 2.864449 0.524311 -0.678376  18 6 0 3.800015 -0.028210 0.263491  19 6 0 5.204268 0.144832 0.026919  20 6 0 5.639793 0.893907 -1.095302  21 6 0 4.728432 1.472592 -1.940832  22 6 0 3.346982 1.293579 -1.722048  23 6 0 3.405286 -0.698399 1.453959  24 6 0 4.334866 -1.210948 2.326784  25 6 0 5.716411 -1.081653 2.063341  26 6 0 6.136522 -0.412267 0.941709  27 6 0 -1.444512 2.906534 -0.249599  28 7 0 -0.832881 4.018453 -0.189702  29 6 0 -1.610782 5.232273 -0.334450  30 6 0 1.374036 -2.108837 -0.528844  31 7 0 0.804022 -3.213668 -0.270096  32 6 0 1.538686 -4.436307 -0.523978  33 1 0 1.133087 2.553931 -0.529481  34 1 0 -1.148751 -1.752046 0.093793  35 1 0 -2.493969 1.853388 1.957331  36 1 0 -4.772240 1.807507 2.888632  37 1 0 -6.438103 0.192327 2.027172  38 1 0 -2.590483 -1.331205 -1.681470  39 1 0 -4.295468 -2.834499 -2.568508  40 1 0 -6.535611 -2.985911 -1.492494  41 1 0 -7.063185 -1.550924 0.447074  42 1 0 6.704979 1.015048 -1.261747  43 1 0 5.061510 2.063316 -2.786619  44 1 0 2.641408 1.738117 -2.414640  45 1 0 2.352662 -0.792952 1.684216  46 1 0 4.004756 -1.711710 3.229953  47 1 0 6.439724 -1.497174 2.755835  48 1 0 7.195460 -0.285778 0.741493  49 1 0 -2.531461 2.856991 -0.391688  50 1 0 -2.687970 5.055262 -0.475144  51 1 0 2.394697 -2.069705 -0.929290  52 1 0 2.548328 -4.271103 -0.928612  53 1 0 -1.466290 5.860637 0.550090  54 1 0 -1.231781 5.802235 -1.188854  55 1 0 1.618649 -5.006774 0.406780  56 1 0 0.971641 -5.057447 -1.224691 |
| TM\_NP\_model\_scan\_m\_40\_p\_140 | 1 6 0 1.388177 0.447278 -0.521151  2 6 0 0.632332 1.617522 -0.427258  3 6 0 -0.744405 1.621238 -0.185117  4 6 0 -1.422907 0.392217 0.006197  5 6 0 -0.666015 -0.779137 -0.088449  6 6 0 0.704022 -0.782583 -0.362553  7 6 0 -2.821048 0.311236 0.518348  8 6 0 -3.217224 1.163765 1.535166  9 6 0 -4.510994 1.111377 2.092958  10 6 0 -5.430898 0.212904 1.617512  11 6 0 -5.104228 -0.645424 0.537375  12 6 0 -3.794919 -0.586250 -0.046054  13 6 0 -3.546302 -1.389956 -1.192448  14 6 0 -4.505811 -2.235758 -1.695556  15 6 0 -5.775296 -2.327782 -1.084599  16 6 0 -6.065796 -1.542354 0.002222  17 6 0 2.870334 0.574490 -0.653471  18 6 0 3.793927 -0.066800 0.247421  19 6 0 5.201444 0.147410 0.064127  20 6 0 5.653176 1.035075 -0.944123  21 6 0 4.752449 1.715713 -1.722130  22 6 0 3.370629 1.493766 -1.560984  23 6 0 3.389023 -0.852483 1.361866  24 6 0 4.308333 -1.445234 2.193881  25 6 0 5.692820 -1.287225 1.965649  26 6 0 6.123936 -0.499854 0.928521  27 6 0 -1.460342 2.915302 -0.240881  28 7 0 -0.854688 4.030181 -0.176367  29 6 0 -1.640302 5.240816 -0.305376  30 6 0 1.373973 -2.080885 -0.601539  31 7 0 0.818611 -3.190931 -0.334330  32 6 0 1.539890 -4.407617 -0.648363  33 1 0 1.113340 2.582590 -0.523451  34 1 0 -1.131656 -1.742846 0.071827  35 1 0 -2.492190 1.844165 1.965471  36 1 0 -4.764335 1.777207 2.910129  37 1 0 -6.423684 0.154182 2.050957  38 1 0 -2.588108 -1.322518 -1.688866  39 1 0 -4.287997 -2.832687 -2.574034  40 1 0 -6.520423 -3.005715 -1.485323  41 1 0 -7.046134 -1.585212 0.465354  42 1 0 6.720258 1.184182 -1.070662  43 1 0 5.094571 2.419560 -2.472282  44 1 0 2.678824 2.016356 -2.211329  45 1 0 2.335689 -0.970441 1.573800  46 1 0 3.966250 -2.031062 3.039601  47 1 0 6.408196 -1.769254 2.622325  48 1 0 7.184446 -0.342172 0.761664  49 1 0 -2.547948 2.860730 -0.375825  50 1 0 -2.717298 5.058913 -0.441066  51 1 0 2.373083 -2.032962 -1.052565  52 1 0 2.525945 -4.233454 -1.104220  53 1 0 -1.493983 5.861840 0.584038  54 1 0 -1.269888 5.820770 -1.156804  55 1 0 1.671120 -4.993500 0.266873  56 1 0 0.936596 -5.018034 -1.327880 |
| TM\_NP\_model\_scan\_m\_40\_p\_150 | 1 6 0 1.391855 0.475173 -0.542392  2 6 0 0.621199 1.637667 -0.442986  3 6 0 -0.754353 1.631995 -0.199153  4 6 0 -1.423501 0.399688 0.001821  5 6 0 -0.656565 -0.764338 -0.094297  6 6 0 0.711953 -0.757917 -0.375511  7 6 0 -2.818102 0.310155 0.521175  8 6 0 -3.215654 1.164506 1.535981  9 6 0 -4.506174 1.105013 2.100498  10 6 0 -5.421641 0.197470 1.633783  11 6 0 -5.093890 -0.663492 0.556069  12 6 0 -3.787958 -0.597380 -0.034164  13 6 0 -3.539143 -1.404503 -1.178076  14 6 0 -4.494869 -2.259731 -1.672436  15 6 0 -5.760545 -2.358312 -1.054707  16 6 0 -6.051432 -1.569987 0.029925  17 6 0 2.877011 0.623746 -0.622057  18 6 0 3.792934 -0.097264 0.230675  19 6 0 5.202304 0.145836 0.095278  20 6 0 5.663797 1.152581 -0.788041  21 6 0 4.768255 1.925218 -1.480908  22 6 0 3.388106 1.669004 -1.377311  23 6 0 3.384081 -0.977595 1.271063  24 6 0 4.297274 -1.642086 2.054400  25 6 0 5.683208 -1.468686 1.850036  26 6 0 6.119551 -0.583443 0.897952  27 6 0 -1.478927 2.921406 -0.256560  28 7 0 -0.880519 4.040654 -0.201655  29 6 0 -1.674935 5.245434 -0.331871  30 6 0 1.371979 -2.053797 -0.659013  31 7 0 0.826227 -3.168391 -0.391907  32 6 0 1.531721 -4.379264 -0.759722  33 1 0 1.089268 2.609523 -0.528181  34 1 0 -1.113069 -1.732472 0.065515  35 1 0 -2.493678 1.852417 1.959439  36 1 0 -4.760469 1.772772 2.915788  37 1 0 -6.411808 0.133367 2.072423  38 1 0 -2.584072 -1.332273 -1.679793  39 1 0 -4.277011 -2.859038 -2.549281  40 1 0 -6.502631 -3.043572 -1.448550  41 1 0 -7.029094 -1.617948 0.498181  42 1 0 6.731493 1.322225 -0.877783  43 1 0 5.113327 2.727156 -2.123487  44 1 0 2.708347 2.262109 -1.977393  45 1 0 2.331422 -1.109139 1.474112  46 1 0 3.947576 -2.295433 2.845808  47 1 0 6.394178 -2.010640 2.463293  48 1 0 7.180533 -0.404058 0.758407  49 1 0 -2.566941 2.858877 -0.384513  50 1 0 -2.751464 5.055627 -0.459891  51 1 0 2.352020 -1.997373 -1.149396  52 1 0 2.500099 -4.197009 -1.249124  53 1 0 -1.527254 5.871985 0.553420  54 1 0 -1.313785 5.823378 -1.188629  55 1 0 1.696467 -4.985341 0.136742  56 1 0 0.901335 -4.973565 -1.428881 |
| TM\_NP\_model\_scan\_m\_40\_p\_160 | 1 6 0 1.398627 0.501646 -0.569937  2 6 0 0.611005 1.655994 -0.476602  3 6 0 -0.763553 1.642477 -0.231652  4 6 0 -1.423296 0.409069 -0.010018  5 6 0 -0.646479 -0.747727 -0.101886  6 6 0 0.720400 -0.733028 -0.390053  7 6 0 -2.812802 0.315329 0.521138  8 6 0 -3.207951 1.179419 1.528760  9 6 0 -4.492610 1.116771 2.106006  10 6 0 -5.404784 0.195799 1.659527  11 6 0 -5.079837 -0.676485 0.590124  12 6 0 -3.780042 -0.607492 -0.013188  13 6 0 -3.535059 -1.427802 -1.148521  14 6 0 -4.488016 -2.297661 -1.622247  15 6 0 -5.746985 -2.398517 -0.991302  16 6 0 -6.034502 -1.598004 0.085245  17 6 0 2.886495 0.670729 -0.587806  18 6 0 3.793189 -0.119756 0.218841  19 6 0 5.203978 0.144630 0.137724  20 6 0 5.675434 1.249449 -0.611554  21 6 0 4.784520 2.097008 -1.216486  22 6 0 3.407012 1.814856 -1.178835  23 6 0 3.378831 -1.084398 1.179930  24 6 0 4.284146 -1.816532 1.910546  25 6 0 5.671821 -1.632217 1.732430  26 6 0 6.114780 -0.659081 0.874489  27 6 0 -1.497172 2.926398 -0.301307  28 7 0 -0.906629 4.050569 -0.266325  29 6 0 -1.710455 5.247851 -0.407617  30 6 0 1.367342 -2.027522 -0.715131  31 7 0 0.822936 -3.145500 -0.460493  32 6 0 1.510605 -4.350562 -0.877796  33 1 0 1.062024 2.635343 -0.558993  34 1 0 -1.093357 -1.719648 0.061871  35 1 0 -2.487682 1.878466 1.936572  36 1 0 -4.744843 1.792819 2.915075  37 1 0 -6.390274 0.129224 2.108213  38 1 0 -2.585426 -1.354340 -1.660253  39 1 0 -4.273219 -2.907004 -2.492897  40 1 0 -6.486778 -3.095373 -1.368767  41 1 0 -7.007269 -1.647892 0.563391  42 1 0 6.743215 1.434131 -0.660316  43 1 0 5.131203 2.978200 -1.744030  44 1 0 2.743198 2.469314 -1.729611  45 1 0 2.326633 -1.226556 1.373155  46 1 0 3.925118 -2.531113 2.642626  47 1 0 6.377222 -2.230117 2.298236  48 1 0 7.176286 -0.462087 0.766263  49 1 0 -2.585621 2.854448 -0.420301  50 1 0 -2.786569 5.048703 -0.524034  51 1 0 2.333324 -1.963894 -1.231897  52 1 0 2.466902 -4.161427 -1.387941  53 1 0 -1.560103 5.888342 0.467170  54 1 0 -1.360431 5.815565 -1.275762  55 1 0 1.695355 -4.980569 -0.001941  56 1 0 0.859075 -4.923867 -1.545025 |
| TM\_NP\_model\_scan\_m\_50\_m\_0 | 1 6 0 1.404723 0.465086 0.042495  2 6 0 0.931924 -0.856684 -0.018580  3 6 0 -0.415627 -1.218962 -0.117730  4 6 0 -1.394141 -0.215123 -0.264606  5 6 0 -0.945623 1.107088 -0.264429  6 6 0 0.394824 1.464555 -0.121429  7 6 0 -2.822815 -0.501323 -0.580572  8 6 0 -3.124140 -1.339244 -1.639529  9 6 0 -4.455743 -1.611248 -2.016109  10 6 0 -5.497230 -1.052896 -1.320208  11 6 0 -5.249683 -0.217366 -0.201625  12 6 0 -3.898062 0.056444 0.191976  13 6 0 -3.690887 0.838765 1.360864  14 6 0 -4.748812 1.351009 2.072934  15 6 0 -6.077629 1.108888 1.659976  16 6 0 -6.317989 0.337397 0.550864  17 6 0 2.857482 0.691725 -0.251462  18 6 0 3.896974 -0.221736 0.200161  19 6 0 5.257808 0.028080 -0.188251  20 6 0 5.596477 1.235657 -0.847865  21 6 0 4.634841 2.183342 -1.068060  22 6 0 3.290035 1.917341 -0.741580  23 6 0 3.687425 -1.312220 1.091212  24 6 0 4.705655 -2.161672 1.457172  25 6 0 6.011328 -1.980309 0.958607  26 6 0 6.278243 -0.892786 0.167346  27 6 0 -0.768581 -2.653345 -0.029573  28 7 0 0.106520 -3.572751 -0.078155  29 6 0 -0.335291 -4.945247 0.061531  30 6 0 0.652652 2.911061 0.090876  31 7 0 -0.083349 3.818948 -0.405243  32 6 0 0.196466 5.195485 -0.047953  33 1 0 1.622019 -1.684608 -0.051559  34 1 0 -1.652117 1.917590 -0.390556  35 1 0 -2.315450 -1.758137 -2.227098  36 1 0 -4.646607 -2.254867 -2.867332  37 1 0 -6.524238 -1.247903 -1.610403  38 1 0 -2.680280 1.022191 1.700604  39 1 0 -4.562791 1.941314 2.963164  40 1 0 -6.903183 1.524088 2.226935  41 1 0 -7.335248 0.130663 0.234973  42 1 0 6.628854 1.408313 -1.132479  43 1 0 4.888626 3.134456 -1.521986  44 1 0 2.563106 2.651382 -1.055343  45 1 0 2.715780 -1.463943 1.534537  46 1 0 4.499844 -2.971692 2.147775  47 1 0 6.800789 -2.671030 1.232098  48 1 0 7.288457 -0.696067 -0.176244  49 1 0 -1.832757 -2.882012 0.107123  50 1 0 -1.422750 -5.050295 0.194769  51 1 0 1.488183 3.153540 0.762436  52 1 0 1.057219 5.312771 0.628363  53 1 0 -0.029126 -5.513609 -0.822385  54 1 0 0.171809 -5.400954 0.918039  55 1 0 0.378249 5.774793 -0.958614  56 1 0 -0.688208 5.630054 0.428242 |
| TM\_NP\_model\_scan\_m\_50\_m\_10 | 1 6 0 1.406352 0.410495 -0.045668  2 6 0 0.918601 -0.904083 -0.100270  3 6 0 -0.436970 -1.238604 -0.178920  4 6 0 -1.398977 -0.212005 -0.290737  5 6 0 -0.930440 1.102991 -0.280036  6 6 0 0.420082 1.434179 -0.163460  7 6 0 -2.838924 -0.470159 -0.580291  8 6 0 -3.175822 -1.288296 -1.643938  9 6 0 -4.519163 -1.534035 -1.996134  10 6 0 -5.536766 -0.969198 -1.270821  11 6 0 -5.252508 -0.153287 -0.146485  12 6 0 -3.888717 0.093849 0.222255  13 6 0 -3.644888 0.856932 1.396804  14 6 0 -4.679492 1.375848 2.137719  15 6 0 -6.020291 1.160135 1.749681  16 6 0 -6.295925 0.407699 0.635699  17 6 0 2.859567 0.626482 -0.326926  18 6 0 3.891673 -0.234857 0.219506  19 6 0 5.261387 0.008581 -0.137991  20 6 0 5.600683 1.154462 -0.899965  21 6 0 4.629706 2.049112 -1.261090  22 6 0 3.279267 1.793243 -0.950759  23 6 0 3.653384 -1.272294 1.164121  24 6 0 4.667097 -2.075248 1.631999  25 6 0 5.993323 -1.894136 1.188686  26 6 0 6.279773 -0.861062 0.333479  27 6 0 -0.818101 -2.666218 -0.099495  28 7 0 0.035723 -3.602773 -0.185155  29 6 0 -0.430931 -4.967426 -0.049281  30 6 0 0.731705 2.869203 0.045301  31 7 0 -0.025110 3.801076 -0.368750  32 6 0 0.323697 5.165726 -0.027737  33 1 0 1.601624 -1.739472 -0.137681  34 1 0 -1.626244 1.926723 -0.377188  35 1 0 -2.386290 -1.712093 -2.253702  36 1 0 -4.738021 -2.162731 -2.851773  37 1 0 -6.572633 -1.143980 -1.541805  38 1 0 -2.624701 1.020297 1.717538  39 1 0 -4.465536 1.951236 3.031430  40 1 0 -6.827173 1.580456 2.339301  41 1 0 -7.322699 0.221310 0.338460  42 1 0 6.639981 1.322828 -1.161197  43 1 0 4.884043 2.948762 -1.809805  44 1 0 2.542320 2.473616 -1.353576  45 1 0 2.658948 -1.419198 1.557161  46 1 0 4.442727 -2.848079 2.358527  47 1 0 6.781230 -2.546421 1.547764  48 1 0 7.301488 -0.672243 0.020821  49 1 0 -1.882641 -2.874372 0.064412  50 1 0 -1.516437 -5.051599 0.111829  51 1 0 1.635465 3.082371 0.632317  52 1 0 1.248901 5.253673 0.562350  53 1 0 -0.160275 -5.531451 -0.947448  54 1 0 0.089157 -5.443653 0.788074  55 1 0 0.431131 5.751063 -0.946353  56 1 0 -0.498941 5.616673 0.536404 |
| TM\_NP\_model\_scan\_m\_50\_m\_20 | 1 6 0 1.406605 0.357848 -0.136640  2 6 0 0.903279 -0.948691 -0.186049  3 6 0 -0.459563 -1.255550 -0.244808  4 6 0 -1.403417 -0.207101 -0.321133  5 6 0 -0.913520 1.099925 -0.303196  6 6 0 0.446019 1.404778 -0.212131  7 6 0 -2.854415 -0.436651 -0.579650  8 6 0 -3.230944 -1.235731 -1.644451  9 6 0 -4.586442 -1.455536 -1.966004  10 6 0 -5.576430 -0.884090 -1.208383  11 6 0 -5.251140 -0.087253 -0.081514  12 6 0 -3.874759 0.133621 0.255948  13 6 0 -3.589683 0.877681 1.433446  14 6 0 -4.597033 1.403140 2.206577  15 6 0 -5.950344 1.213496 1.849683  16 6 0 -6.265600 0.479900 0.733656  17 6 0 2.864102 0.563510 -0.388552  18 6 0 3.879656 -0.248223 0.246094  19 6 0 5.258542 -0.016674 -0.080037  20 6 0 5.610686 1.059973 -0.932201  21 6 0 4.643154 1.898118 -1.419340  22 6 0 3.285292 1.658229 -1.128621  23 6 0 3.606068 -1.229215 1.239450  24 6 0 4.606746 -1.984649 1.803703  25 6 0 5.950581 -1.807618 1.412712  26 6 0 6.264621 -0.834129 0.498958  27 6 0 -0.868530 -2.675735 -0.173076  28 7 0 -0.037357 -3.628339 -0.296734  29 6 0 -0.528679 -4.984714 -0.164243  30 6 0 0.807146 2.829075 -0.018691  31 7 0 0.044733 3.780249 -0.374937  32 6 0 0.452719 5.135408 -0.063630  33 1 0 1.578120 -1.791990 -0.226106  34 1 0 -1.597567 1.936051 -0.375052  35 1 0 -2.463685 -1.664847 -2.278517  36 1 0 -4.836669 -2.069836 -2.823508  37 1 0 -6.621425 -1.039171 -1.455264  38 1 0 -2.559374 1.021169 1.730319  39 1 0 -4.351579 1.963617 3.101662  40 1 0 -6.735519 1.638755 2.464533  41 1 0 -7.302317 0.313504 0.459977  42 1 0 6.656940 1.219992 -1.170035  43 1 0 4.908896 2.739727 -2.048836  44 1 0 2.547543 2.289518 -1.605713  45 1 0 2.592251 -1.370060 1.584017  46 1 0 4.359574 -2.717011 2.563986  47 1 0 6.729287 -2.420550 1.852254  48 1 0 7.297260 -0.656553 0.217050  49 1 0 -1.931971 -2.864168 0.019373  50 1 0 -1.610502 -5.048280 0.027973  51 1 0 1.758258 3.018153 0.496643  52 1 0 1.421567 5.200022 0.454915  53 1 0 -0.296627 -5.542321 -1.077112  54 1 0 0.005702 -5.482741 0.651145  55 1 0 0.505535 5.717643 -0.988984  56 1 0 -0.313620 5.607146 0.559722 |
| TM\_NP\_model\_scan\_m\_50\_m\_30 | 1 6 0 1.406676 0.306704 -0.223987  2 6 0 0.888188 -0.991907 -0.263082  3 6 0 -0.480960 -1.272824 -0.299752  4 6 0 -1.406481 -0.204863 -0.346509  5 6 0 -0.896080 1.094141 -0.325513  6 6 0 0.471061 1.374102 -0.259898  7 6 0 -2.866554 -0.408135 -0.576060  8 6 0 -3.278769 -1.191458 -1.639328  9 6 0 -4.644231 -1.386125 -1.933921  10 6 0 -5.608404 -0.804785 -1.150953  11 6 0 -5.246205 -0.023021 -0.024804  12 6 0 -3.859538 0.171771 0.285585  13 6 0 -3.537557 0.901059 1.462814  14 6 0 -4.519491 1.437249 2.260863  15 6 0 -5.882920 1.273667 1.930675  16 6 0 -6.233685 0.554585 0.815806  17 6 0 2.869048 0.501150 -0.446171  18 6 0 3.864635 -0.254846 0.273892  19 6 0 5.251216 -0.041748 -0.028411  20 6 0 5.621585 0.951142 -0.970073  21 6 0 4.664379 1.724408 -1.573244  22 6 0 3.299405 1.506573 -1.297195  23 6 0 3.555929 -1.167577 1.320056  24 6 0 4.539662 -1.870335 1.974392  25 6 0 5.896958 -1.703214 1.625445  26 6 0 6.240174 -0.800274 0.651377  27 6 0 -0.916305 -2.684936 -0.227873  28 7 0 -0.108120 -3.652701 -0.382774  29 6 0 -0.623067 -4.999910 -0.245912  30 6 0 0.877509 2.787853 -0.089187  31 7 0 0.112922 3.756196 -0.390903  32 6 0 0.575456 5.101806 -0.117089  33 1 0 1.554456 -1.843119 -0.302630  34 1 0 -1.568057 1.941578 -0.375977  35 1 0 -2.532261 -1.628014 -2.292826  36 1 0 -4.922668 -1.988932 -2.790892  37 1 0 -6.660809 -0.940385 -1.376944  38 1 0 -2.499030 1.024845 1.739082  39 1 0 -4.245882 1.986194 3.154921  40 1 0 -6.647863 1.707269 2.564902  41 1 0 -7.278556 0.408143 0.562451  42 1 0 6.673695 1.097761 -1.190181  43 1 0 4.945786 2.497203 -2.279516  44 1 0 2.565690 2.087457 -1.841823  45 1 0 2.527214 -1.298107 1.624390  46 1 0 4.269958 -2.553482 2.771935  47 1 0 6.662695 -2.272270 2.140381  48 1 0 7.281726 -0.638021 0.394103  49 1 0 -1.977505 -2.854010 -0.006989  50 1 0 -1.699706 -5.042880 -0.021643  51 1 0 1.868668 2.955030 0.352022  52 1 0 1.580570 5.143956 0.329647  53 1 0 -0.430061 -5.554549 -1.169633  54 1 0 -0.074801 -5.515447 0.549111  55 1 0 0.575445 5.679062 -1.047090  56 1 0 -0.132122 5.594730 0.557267 |
| TM\_NP\_model\_scan\_m\_50\_m\_40 | 1 6 0 1.407674 0.253465 -0.316641  2 6 0 0.872082 -1.036600 -0.336928  3 6 0 -0.502669 -1.291342 -0.349393  4 6 0 -1.408364 -0.204547 -0.373684  5 6 0 -0.876110 1.085587 -0.360970  6 6 0 0.497893 1.340143 -0.324549  7 6 0 -2.876777 -0.381873 -0.571140  8 6 0 -3.326410 -1.155880 -1.625985  9 6 0 -4.701377 -1.326227 -1.890075  10 6 0 -5.637486 -0.729657 -1.084798  11 6 0 -5.236459 0.043504 0.034082  12 6 0 -3.839996 0.213320 0.313599  13 6 0 -3.479007 0.934588 1.484426  14 6 0 -4.433190 1.486579 2.305044  15 6 0 -5.806314 1.347731 2.005179  16 6 0 -6.194547 0.636905 0.897466  17 6 0 2.876127 0.428947 -0.510959  18 6 0 3.843717 -0.255003 0.305872  19 6 0 5.239308 -0.072810 0.028100  20 6 0 5.639239 0.808794 -1.007806  21 6 0 4.702407 1.501351 -1.730552  22 6 0 3.328668 1.316892 -1.472001  23 6 0 3.491900 -1.071908 1.415200  24 6 0 4.449998 -1.707809 2.168007  25 6 0 5.820151 -1.563166 1.859223  26 6 0 6.201506 -0.756881 0.816613  27 6 0 -0.964277 -2.694425 -0.268944  28 7 0 -0.180965 -3.677508 -0.452797  29 6 0 -0.718916 -5.014531 -0.304583  30 6 0 0.947121 2.743672 -0.189024  31 7 0 0.181048 3.727682 -0.431020  32 6 0 0.696136 5.063437 -0.208047  33 1 0 1.528113 -1.896815 -0.370929  34 1 0 -1.534480 1.944418 -0.396526  35 1 0 -2.602542 -1.604395 -2.296643  36 1 0 -5.009454 -1.922509 -2.741458  37 1 0 -6.696912 -0.846480 -1.287235  38 1 0 -2.432539 1.039871 1.737308  39 1 0 -4.129911 2.029029 3.193467  40 1 0 -6.549138 1.793612 2.656952  41 1 0 -7.247261 0.509406 0.667378  42 1 0 6.697908 0.933362 -1.209434  43 1 0 5.008165 2.184464 -2.514863  44 1 0 2.607409 1.837114 -2.090970  45 1 0 2.449580 -1.182536 1.680918  46 1 0 4.151248 -2.320878 3.010874  47 1 0 6.565842 -2.076976 2.455310  48 1 0 7.252339 -0.619153 0.583903  49 1 0 -2.021453 -2.843146 -0.016229  50 1 0 -1.787992 -5.036354 -0.044018  51 1 0 1.975312 2.890902 0.164848  52 1 0 1.735384 5.083863 0.153945  53 1 0 -0.568979 -5.568085 -1.236942  54 1 0 -0.154796 -5.545503 0.468864  55 1 0 0.633021 5.634052 -1.140021  56 1 0 0.058368 5.577979 0.517830 |
| TM\_NP\_model\_scan\_m\_50\_m\_50 | 1 6 0 -1.409314 -0.197610 -0.407927  2 6 0 -0.855793 1.083273 -0.402762  3 6 0 0.523669 1.312183 -0.386980  4 6 0 1.409173 0.207785 -0.397809  5 6 0 0.855100 -1.073081 -0.400955  6 6 0 -0.524474 -1.302026 -0.394052  7 6 0 2.884270 0.360941 -0.565006  8 6 0 3.367273 1.131908 -1.607270  9 6 0 4.749745 1.280130 -1.844114  10 6 0 5.659972 0.663528 -1.024351  11 6 0 5.224329 -0.108505 0.082266  12 6 0 3.820081 -0.255364 0.334421  13 6 0 3.424465 -0.977128 1.493676  14 6 0 4.353141 -1.551082 2.328373  15 6 0 5.733906 -1.434677 2.055225  16 6 0 6.155415 -0.723856 0.959754  17 6 0 -2.884497 -0.350369 -0.576355  18 6 0 -3.819269 0.246594 0.336574  19 6 0 -5.223695 0.103149 0.083744  20 6 0 -5.659901 -0.645131 -1.038908  21 6 0 -4.750155 -1.241454 -1.874124  22 6 0 -3.367405 -1.096696 -1.636139  23 6 0 -3.421881 0.946544 1.508476  24 6 0 -4.349666 1.502111 2.356489  25 6 0 -5.730880 1.388013 2.084418  26 6 0 -6.153801 0.698800 0.975702  27 6 0 1.010175 2.705169 -0.283799  28 7 0 0.250648 3.704562 -0.479265  29 6 0 0.809697 5.029659 -0.304697  30 6 0 -1.013141 -2.695000 -0.303391  31 7 0 -0.250994 -3.694117 -0.490062  32 6 0 -0.813974 -5.019549 -0.331519  33 1 0 -1.500024 1.953200 -0.428312  34 1 0 1.498905 -1.943221 -0.427981  35 1 0 2.664179 1.596306 -2.289123  36 1 0 5.084152 1.875378 -2.686241  37 1 0 6.724925 0.763113 -1.205902  38 1 0 2.371704 -1.065847 1.725886  39 1 0 4.023660 -2.093812 3.207233  40 1 0 6.456343 -1.897800 2.717807  41 1 0 7.214364 -0.613543 0.750317  42 1 0 -6.725010 -0.742521 -1.220772  43 1 0 -5.085254 -1.817817 -2.729013  44 1 0 -2.664163 -1.545498 -2.328296  45 1 0 -2.368488 1.033451 1.738834  46 1 0 -4.019247 2.028603 3.244825  47 1 0 -6.452611 1.836275 2.757906  48 1 0 -7.213062 0.591287 0.766379  49 1 0 2.063198 2.831355 -0.002986  50 1 0 1.871543 5.028896 -0.015141  51 1 0 -2.070871 -2.821677 -0.041189  52 1 0 -1.880914 -5.019245 -0.061414  53 1 0 0.695556 5.593868 -1.235745  54 1 0 0.234919 5.564688 0.458037  55 1 0 -0.683214 -5.579761 -1.262790  56 1 0 -0.253557 -5.558341 0.439225 |
| TM\_NP\_model\_scan\_m\_50\_m\_60 | 1 6 0 -1.411046 -0.113644 -0.488628  2 6 0 -0.832420 1.153349 -0.432441  3 6 0 0.551976 1.348240 -0.387669  4 6 0 1.410942 0.222750 -0.410758  5 6 0 0.828503 -1.044640 -0.455771  6 6 0 -0.556436 -1.239595 -0.482531  7 6 0 2.891716 0.346085 -0.552621  8 6 0 3.406650 1.129689 -1.569886  9 6 0 4.795314 1.251966 -1.784197  10 6 0 5.679749 0.596783 -0.966115  11 6 0 5.211078 -0.190165 0.116246  12 6 0 3.800402 -0.311607 0.344922  13 6 0 3.371815 -1.051541 1.480703  14 6 0 4.275308 -1.664979 2.314950  15 6 0 5.662233 -1.572348 2.064723  16 6 0 6.115453 -0.845834 0.992439  17 6 0 -2.892288 -0.229274 -0.648467  18 6 0 -3.796801 0.227202 0.366652  19 6 0 -5.208074 0.133037 0.131418  20 6 0 -5.677367 -0.418731 -1.087803  21 6 0 -4.793463 -0.870664 -2.034297  22 6 0 -3.403467 -0.777405 -1.809408  23 6 0 -3.358714 0.745086 1.615812  24 6 0 -4.258138 1.166493 2.565434  25 6 0 -5.647669 1.092389 2.321334  26 6 0 -6.107940 0.584290 1.132306  27 6 0 1.070167 2.725395 -0.238208  28 7 0 0.339486 3.747865 -0.424149  29 6 0 0.925686 5.054158 -0.203335  30 6 0 -1.088417 -2.618800 -0.462931  31 7 0 -0.339598 -3.635646 -0.601510  32 6 0 -0.950998 -4.947189 -0.533144  33 1 0 -1.459314 2.036562 -0.433050  34 1 0 1.452391 -1.928786 -0.494443  35 1 0 2.723858 1.625720 -2.250081  36 1 0 5.154895 1.858444 -2.607741  37 1 0 6.749163 0.676502 -1.130453  38 1 0 2.313935 -1.123088 1.694904  39 1 0 3.921148 -2.221006 3.175709  40 1 0 6.364444 -2.066423 2.726698  41 1 0 7.179552 -0.753987 0.800988  42 1 0 -6.747356 -0.480221 -1.256449  43 1 0 -5.154923 -1.294221 -2.964519  44 1 0 -2.718257 -1.118015 -2.577596  45 1 0 -2.297060 0.801358 1.818444  46 1 0 -3.899816 1.556322 3.511595  47 1 0 -6.346623 1.431715 3.077496  48 1 0 -7.173613 0.514499 0.940250  49 1 0 2.119583 2.817866 0.068058  50 1 0 1.981138 5.020879 0.107028  51 1 0 -2.169336 -2.719305 -0.304180  52 1 0 -2.038518 -4.921813 -0.366400  53 1 0 0.843521 5.645155 -1.121037  54 1 0 0.348040 5.582378 0.561987  55 1 0 -0.746550 -5.488079 -1.462592  56 1 0 -0.482043 -5.520960 0.272625 |
| TM\_NP\_model\_scan\_m\_50\_m\_70 | 1 6 0 -1.413015 -0.001216 -0.567743  2 6 0 -0.802890 1.244734 -0.443308  3 6 0 0.586163 1.396913 -0.370054  4 6 0 1.412746 0.248654 -0.429468  5 6 0 0.796545 -0.998363 -0.543813  6 6 0 -0.592928 -1.150586 -0.602054  7 6 0 2.898835 0.335916 -0.540865  8 6 0 3.453194 1.149153 -1.512996  9 6 0 4.848387 1.243115 -1.697045  10 6 0 5.699578 0.530407 -0.891996  11 6 0 5.190012 -0.289096 0.146991  12 6 0 3.772465 -0.384001 0.343597  13 6 0 3.302926 -1.160362 1.438119  14 6 0 4.174355 -1.829775 2.263447  15 6 0 5.567937 -1.761002 2.044523  16 6 0 6.060321 -1.002816 1.012121  17 6 0 -2.900987 -0.070067 -0.709881  18 6 0 -3.766301 0.196209 0.400385  19 6 0 -5.185109 0.156488 0.199999  20 6 0 -5.698480 -0.150415 -1.086038  21 6 0 -4.849964 -0.412736 -2.131450  22 6 0 -3.451710 -0.372878 -1.939263  23 6 0 -3.278476 0.480850 1.704635  24 6 0 -4.140126 0.727463 2.746180  25 6 0 -5.538091 0.701408 2.542452  26 6 0 -6.045084 0.420213 1.298136  27 6 0 1.140729 2.749479 -0.145929  28 7 0 0.443019 3.800541 -0.295813  29 6 0 1.060688 5.077046 0.000375  30 6 0 -1.170120 -2.508828 -0.680008  31 7 0 -0.446995 -3.545681 -0.805405  32 6 0 -1.105081 -4.835297 -0.852148  33 1 0 -1.406750 2.143007 -0.401802  34 1 0 1.396113 -1.897021 -0.616996  35 1 0 2.796419 1.693063 -2.182088  36 1 0 5.239355 1.874752 -2.486666  37 1 0 6.773697 0.588885 -1.032988  38 1 0 2.239424 -1.215206 1.628178  39 1 0 3.789557 -2.412254 3.093007  40 1 0 6.244365 -2.298940 2.699121  41 1 0 7.129985 -0.929564 0.845316  42 1 0 -6.773861 -0.174867 -1.227826  43 1 0 -5.245891 -0.645915 -3.113423  44 1 0 -2.793698 -0.568110 -2.778765  45 1 0 -2.209182 0.500821 1.872366  46 1 0 -3.745992 0.942316 3.733121  47 1 0 -6.207020 0.900577 3.372119  48 1 0 -7.117521 0.392900 1.135082  49 1 0 2.186021 2.796324 0.184020  50 1 0 2.109486 4.998787 0.324833  51 1 0 -2.263400 -2.575138 -0.613286  52 1 0 -2.200845 -4.777805 -0.768185  53 1 0 1.009850 5.716120 -0.886851  54 1 0 0.484809 5.581271 0.783052  55 1 0 -0.846412 -5.336591 -1.790285  56 1 0 -0.719795 -5.465085 -0.043934 |
| TM\_NP\_model\_scan\_m\_50\_m\_80 | 1 6 0 -1.409154 0.160937 -0.598364  2 6 0 -0.762945 1.372217 -0.369340  3 6 0 0.630362 1.472950 -0.275970  4 6 0 1.420327 0.307266 -0.423925  5 6 0 0.766382 -0.905694 -0.647231  6 6 0 -0.626350 -1.006955 -0.726313  7 6 0 2.909855 0.353113 -0.511783  8 6 0 3.505364 1.225637 -1.404785  9 6 0 4.905348 1.284583 -1.565507  10 6 0 5.719980 0.474175 -0.817070  11 6 0 5.168271 -0.412655 0.142020  12 6 0 3.745812 -0.471587 0.316306  13 6 0 3.235117 -1.320728 1.335815  14 6 0 4.071363 -2.090013 2.108793  15 6 0 5.469090 -2.054706 1.909450  16 6 0 6.001248 -1.229904 0.950524  17 6 0 -2.901234 0.146022 -0.731034  18 6 0 -3.745202 0.139742 0.425408  19 6 0 -5.167202 0.155271 0.247529  20 6 0 -5.703862 0.174928 -1.065391  21 6 0 -4.874600 0.176542 -2.158039  22 6 0 -3.472478 0.160898 -1.986971  23 6 0 -3.230502 0.108375 1.749703  24 6 0 -4.071443 0.099293 2.836397  25 6 0 -5.473145 0.121001 2.658580  26 6 0 -6.005139 0.147862 1.393171  27 6 0 1.225107 2.784135 0.061576  28 7 0 0.563074 3.866150 -0.010491  29 6 0 1.218169 5.093538 0.393754  30 6 0 -1.250691 -2.329058 -0.938681  31 7 0 -0.563540 -3.385450 -1.097496  32 6 0 -1.268602 -4.636507 -1.287388  33 1 0 -1.339773 2.281396 -0.251995  34 1 0 1.338314 -1.813252 -0.794056  35 1 0 2.877024 1.848200 -2.031251  36 1 0 5.329024 1.967221 -2.293395  37 1 0 6.797250 0.505336 -0.941837  38 1 0 2.168052 -1.352572 1.510460  39 1 0 3.655257 -2.726528 2.881575  40 1 0 6.117553 -2.671374 2.521531  41 1 0 7.074868 -1.182453 0.800485  42 1 0 -6.781596 0.188666 -1.189753  43 1 0 -5.288372 0.193129 -3.159995  44 1 0 -2.828987 0.169305 -2.859693  45 1 0 -2.157588 0.093719 1.894940  46 1 0 -3.658625 0.075761 3.838692  47 1 0 -6.125569 0.115523 3.524521  48 1 0 -7.080626 0.162643 1.249679  49 1 0 2.267396 2.770878 0.404014  50 1 0 2.259029 4.953732 0.722918  51 1 0 -2.347905 -2.349464 -0.945335  52 1 0 -2.364276 -4.535196 -1.272687  53 1 0 1.201099 5.802503 -0.440098  54 1 0 0.648310 5.553284 1.207591  55 1 0 -0.965265 -5.078274 -2.241896  56 1 0 -0.966801 -5.341145 -0.505905 |
| TM\_NP\_model\_scan\_m\_50\_m\_90 | 1 6 0 -1.403817 0.323266 -0.576936  2 6 0 -0.720117 1.489971 -0.249483  3 6 0 0.675864 1.537714 -0.147918  4 6 0 1.428512 0.364177 -0.393415  5 6 0 0.736565 -0.804517 -0.717948  6 6 0 -0.658074 -0.853724 -0.805174  7 6 0 2.918985 0.370244 -0.477082  8 6 0 3.543305 1.295953 -1.293760  9 6 0 4.944695 1.324140 -1.450439  10 6 0 5.732035 0.426035 -0.776618  11 6 0 5.150716 -0.523957 0.101074  12 6 0 3.726983 -0.550889 0.273195  13 6 0 3.187795 -1.471698 1.212586  14 6 0 3.997191 -2.337109 1.908647  15 6 0 5.395350 -2.330832 1.709258  16 6 0 5.955431 -1.439079 0.829400  17 6 0 -2.897078 0.363591 -0.695425  18 6 0 -3.734450 0.077881 0.429926  19 6 0 -5.157217 0.145929 0.272599  20 6 0 -5.700918 0.496573 -0.989903  21 6 0 -4.877691 0.769327 -2.052540  22 6 0 -3.474436 0.701286 -1.901872  23 6 0 -3.211466 -0.274181 1.703346  24 6 0 -4.045635 -0.545436 2.761169  25 6 0 -5.448310 -0.478405 2.603625  26 6 0 -5.987997 -0.139940 1.387306  27 6 0 1.311078 2.796265 0.298592  28 7 0 0.684845 3.901604 0.314693  29 6 0 1.377623 5.069642 0.819559  30 6 0 -1.324659 -2.126799 -1.147936  31 7 0 -0.675032 -3.200057 -1.346139  32 6 0 -1.420062 -4.398514 -1.673347  33 1 0 -1.268288 2.403055 -0.052688  34 1 0 1.279803 -1.713431 -0.944044  35 1 0 2.936126 1.989463 -1.864021  36 1 0 5.390826 2.053349 -2.117193  37 1 0 6.809902 0.433438 -0.899814  38 1 0 2.120174 -1.483565 1.386303  39 1 0 3.559422 -3.027880 2.620449  40 1 0 6.022344 -3.023226 2.259596  41 1 0 7.030061 -1.414322 0.681174  42 1 0 -6.779206 0.546422 -1.099448  43 1 0 -5.297083 1.039274 -3.015165  44 1 0 -2.835912 0.920096 -2.750423  45 1 0 -2.137558 -0.322896 1.834068  46 1 0 -3.626555 -0.810988 3.725235  47 1 0 -6.095368 -0.693831 3.446482  48 1 0 -7.064252 -0.085623 1.260014  49 1 0 2.350641 2.720565 0.640991  50 1 0 2.410822 4.868650 1.141331  51 1 0 -2.419362 -2.094761 -1.219703  52 1 0 -2.508735 -4.245272 -1.720116  53 1 0 1.390546 5.843294 0.045225  54 1 0 0.817464 5.482117 1.664830  55 1 0 -1.073547 -4.785295 -2.636971  56 1 0 -1.202150 -5.170958 -0.928910 |
| TM\_NP\_model\_scan\_m\_50\_m\_100 | 1 6 0 -1.397732 0.453350 -0.525944  2 6 0 -0.676489 1.577912 -0.136776  3 6 0 0.721042 1.578689 -0.045042  4 6 0 1.436372 0.399876 -0.363831  5 6 0 0.707638 -0.725534 -0.755506  6 6 0 -0.687900 -0.727539 -0.837362  7 6 0 2.925786 0.367237 -0.458951  8 6 0 3.571733 1.320235 -1.225929  9 6 0 4.972511 1.318137 -1.390364  10 6 0 5.737712 0.362362 -0.772764  11 6 0 5.134348 -0.618761 0.054423  12 6 0 3.711157 -0.616695 0.232970  13 6 0 3.150627 -1.573673 1.122422  14 6 0 3.939157 -2.497333 1.765546  15 6 0 5.336298 -2.517102 1.559675  16 6 0 5.916894 -1.593750 0.726899  17 6 0 -2.889869 0.544635 -0.615764  18 6 0 -3.728988 0.023856 0.421486  19 6 0 -5.150890 0.146691 0.292317  20 6 0 -5.692791 0.785646 -0.852514  21 6 0 -4.868263 1.286140 -1.827579  22 6 0 -3.465973 1.164066 -1.705708  23 6 0 -3.208807 -0.605257 1.584515  24 6 0 -4.044573 -1.095364 2.559097  25 6 0 -5.446572 -0.980868 2.425402  26 6 0 -5.983556 -0.372025 1.318142  27 6 0 1.396332 2.789379 0.469771  28 7 0 0.803425 3.909789 0.555189  29 6 0 1.532885 5.025675 1.122314  30 6 0 -1.391300 -1.949253 -1.279666  31 7 0 -0.778465 -3.037312 -1.511280  32 6 0 -1.555694 -4.178513 -1.949697  33 1 0 -1.196183 2.491548 0.123890  34 1 0 1.222748 -1.632726 -1.045444  35 1 0 2.981242 2.061617 -1.751755  36 1 0 5.435580 2.071090 -2.018033  37 1 0 6.814780 0.347049 -0.902110  38 1 0 2.083644 -1.566587 1.300478  39 1 0 3.485831 -3.214501 2.440572  40 1 0 5.946482 -3.254981 2.068224  41 1 0 6.991221 -1.589567 0.574599  42 1 0 -6.770526 0.873678 -0.941383  43 1 0 -5.285841 1.776754 -2.699536  44 1 0 -2.826473 1.560830 -2.486209  45 1 0 -2.135479 -0.690283 1.699793  46 1 0 -3.626996 -1.570450 3.439706  47 1 0 -6.094980 -1.371660 3.201506  48 1 0 -7.059162 -0.276273 1.211383  49 1 0 2.435037 2.662875 0.799514  50 1 0 2.562626 4.777652 1.421473  51 1 0 -2.478733 -1.864190 -1.400931  52 1 0 -2.633325 -3.974128 -2.037308  53 1 0 1.561240 5.843857 0.395633  54 1 0 0.991304 5.401781 1.996176  55 1 0 -1.178283 -4.518736 -2.919274  56 1 0 -1.407037 -5.005299 -1.247842 |
| TM\_NP\_model\_scan\_m\_50\_m\_110 | 1 6 0 -1.392501 0.530428 -0.485251  2 6 0 -0.645695 1.630993 -0.073958  3 6 0 0.751880 1.603270 0.008898  4 6 0 1.442628 0.419211 -0.341864  5 6 0 0.689663 -0.682157 -0.756121  6 6 0 -0.705792 -0.655882 -0.830423  7 6 0 2.930350 0.361299 -0.448260  8 6 0 3.587964 1.320098 -1.197978  9 6 0 4.987114 1.296317 -1.373828  10 6 0 5.739113 0.312027 -0.785503  11 6 0 5.123966 -0.677555 0.022742  12 6 0 3.702467 -0.653750 0.212866  13 6 0 3.130986 -1.622002 1.082910  14 6 0 3.907206 -2.575501 1.696832  15 6 0 5.302178 -2.615597 1.479518  16 6 0 5.893443 -1.682853 0.664878  17 6 0 -2.882303 0.653907 -0.543115  18 6 0 -3.729889 -0.019594 0.396615  19 6 0 -5.149467 0.152220 0.297995  20 6 0 -5.681529 0.993650 -0.712640  21 6 0 -4.849174 1.648335 -1.583952  22 6 0 -3.450103 1.478887 -1.493427  23 6 0 -3.222525 -0.837634 1.442169  24 6 0 -4.067495 -1.466284 2.325091  25 6 0 -5.467251 -1.310114 2.213739  26 6 0 -5.992045 -0.516367 1.224179  27 6 0 1.452744 2.787009 0.551508  28 7 0 0.881285 3.915394 0.671198  29 6 0 1.634142 5.001328 1.265381  30 6 0 -1.429053 -1.844811 -1.328000  31 7 0 -0.841233 -2.946447 -1.559910  32 6 0 -1.632081 -4.048660 -2.068367  33 1 0 -1.146184 2.545662 0.218396  34 1 0 1.186053 -1.590053 -1.074963  35 1 0 3.007161 2.084578 -1.701036  36 1 0 5.459216 2.055533 -1.987054  37 1 0 6.814678 0.279941 -0.923983  38 1 0 2.065666 -1.599824 1.269547  39 1 0 3.445847 -3.300864 2.357505  40 1 0 5.902455 -3.376771 1.965005  41 1 0 6.966473 -1.694597 0.504063  42 1 0 -6.757627 1.114981 -0.779198  43 1 0 -5.258211 2.297026 -2.350274  44 1 0 -2.804927 1.995886 -2.194764  45 1 0 -2.151308 -0.956249 1.545028  46 1 0 -3.658148 -2.083011 3.117339  47 1 0 -6.122912 -1.812866 2.915746  48 1 0 -7.065487 -0.383099 1.138163  49 1 0 2.490636 2.632161 0.871670  50 1 0 2.661601 4.727057 1.548872  51 1 0 -2.506159 -1.720634 -1.496500  52 1 0 -2.698493 -3.808855 -2.194455  53 1 0 1.671073 5.840425 0.563367  54 1 0 1.105585 5.359927 2.154474  55 1 0 -1.223325 -4.368230 -3.032318  56 1 0 -1.537678 -4.902051 -1.389431 |
| TM\_NP\_model\_scan\_m\_50\_m\_120 | 1 6 0 -1.388403 0.592917 -0.463039  2 6 0 -0.617948 1.676305 -0.045725  3 6 0 0.779200 1.626554 0.024915  4 6 0 1.448365 0.433388 -0.336108  5 6 0 0.674309 -0.649501 -0.760025  6 6 0 -0.720513 -0.598973 -0.829721  7 6 0 2.934406 0.348064 -0.444729  8 6 0 3.610624 1.299607 -1.187105  9 6 0 5.009097 1.249832 -1.363010  10 6 0 5.741783 0.247028 -0.781576  11 6 0 5.107492 -0.736118 0.019698  12 6 0 3.686637 -0.686388 0.209337  13 6 0 3.096192 -1.649201 1.072768  14 6 0 3.853735 -2.621028 1.681244  15 6 0 5.247840 -2.686222 1.464498  16 6 0 5.857252 -1.759968 0.655830  17 6 0 -2.875758 0.737921 -0.473208  18 6 0 -3.725388 -0.053042 0.371536  19 6 0 -5.142791 0.157781 0.321063  20 6 0 -5.671033 1.159095 -0.533241  21 6 0 -4.836267 1.934179 -1.296732  22 6 0 -3.441350 1.724295 -1.258723  23 6 0 -3.225469 -1.017387 1.288566  24 6 0 -4.073523 -1.754093 2.080185  25 6 0 -5.471587 -1.567040 2.003099  26 6 0 -5.989442 -0.628431 1.146106  27 6 0 1.502294 2.795477 0.570664  28 7 0 0.951780 3.933827 0.694003  29 6 0 1.725383 5.004271 1.289672  30 6 0 -1.456838 -1.760999 -1.371700  31 7 0 -0.892695 -2.878040 -1.587522  32 6 0 -1.689899 -3.947608 -2.152639  33 1 0 -1.100806 2.593278 0.267853  34 1 0 1.154048 -1.560826 -1.094103  35 1 0 3.044880 2.078894 -1.684553  36 1 0 5.496066 2.004065 -1.970728  37 1 0 6.816579 0.195205 -0.920085  38 1 0 2.031408 -1.607792 1.259145  39 1 0 3.378247 -3.341485 2.337248  40 1 0 5.833267 -3.461515 1.945770  41 1 0 6.929986 -1.791131 0.495617  42 1 0 -6.745305 1.307959 -0.562658  43 1 0 -5.240886 2.708103 -1.939083  44 1 0 -2.796211 2.334040 -1.881065  45 1 0 -2.156238 -1.163247 1.369883  46 1 0 -3.666646 -2.480606 2.774558  47 1 0 -6.130369 -2.157671 2.629654  48 1 0 -7.060906 -0.465661 1.091852  49 1 0 2.537714 2.620843 0.888621  50 1 0 2.747696 4.710131 1.571791  51 1 0 -2.519196 -1.600504 -1.593830  52 1 0 -2.741081 -3.673411 -2.326972  53 1 0 1.777719 5.843772 0.589116  54 1 0 1.204501 5.371133 2.179893  55 1 0 -1.243478 -4.264769 -3.100545  56 1 0 -1.654982 -4.813605 -1.484146 |
| TM\_NP\_model\_scan\_m\_50\_m\_130 | 1 6 0 -1.386373 0.629564 -0.463102  2 6 0 -0.599062 1.704653 -0.050605  3 6 0 0.796972 1.641118 0.015953  4 6 0 1.452630 0.437495 -0.334307  5 6 0 0.664854 -0.638564 -0.749841  6 6 0 -0.729137 -0.572262 -0.821240  7 6 0 2.937237 0.333835 -0.442909  8 6 0 3.623978 1.270611 -1.194430  9 6 0 5.021528 1.202466 -1.371297  10 6 0 5.742726 0.195915 -0.781983  11 6 0 5.097538 -0.772736 0.028200  12 6 0 3.677604 -0.704252 0.218855  13 6 0 3.076356 -1.652755 1.090563  14 6 0 3.822721 -2.628654 1.706314  15 6 0 5.215732 -2.712404 1.488922  16 6 0 5.835511 -1.800288 0.672096  17 6 0 -2.871039 0.787135 -0.428326  18 6 0 -3.725714 -0.077736 0.339342  19 6 0 -5.139473 0.166456 0.337258  20 6 0 -5.659083 1.277415 -0.373941  21 6 0 -4.817431 2.132443 -1.037955  22 6 0 -3.428814 1.889018 -1.052521  23 6 0 -3.238078 -1.139468 1.149904  24 6 0 -4.092832 -1.942186 1.866633  25 6 0 -5.488274 -1.729533 1.819474  26 6 0 -5.994463 -0.693115 1.076407  27 6 0 1.533192 2.806398 0.552148  28 7 0 0.995545 3.951904 0.665489  29 6 0 1.781075 5.018633 1.252284  30 6 0 -1.468213 -1.719272 -1.393111  31 7 0 -0.924330 -2.852618 -1.571809  32 6 0 -1.717324 -3.902077 -2.179293  33 1 0 -1.069035 2.625927 0.269149  34 1 0 1.133633 -1.556657 -1.080811  35 1 0 3.067033 2.052221 -1.698138  36 1 0 5.516872 1.945452 -1.986060  37 1 0 6.816664 0.129969 -0.921151  38 1 0 2.012334 -1.596854 1.277594  39 1 0 3.339207 -3.337902 2.368623  40 1 0 5.792259 -3.490700 1.976052  41 1 0 6.907633 -1.845738 0.511179  42 1 0 -6.730463 1.447927 -0.367692  43 1 0 -5.212267 2.994748 -1.563098  44 1 0 -2.781668 2.561592 -1.603861  45 1 0 -2.171909 -1.309316 1.214762  46 1 0 -3.691831 -2.740729 2.480675  47 1 0 -6.152609 -2.374759 2.383143  48 1 0 -7.062736 -0.504398 1.052214  49 1 0 2.566557 2.622816 0.871689  50 1 0 2.799802 4.715246 1.537465  51 1 0 -2.511072 -1.530511 -1.677360  52 1 0 -2.747594 -3.598409 -2.417514  53 1 0 1.843306 5.851350 0.544480  54 1 0 1.264085 5.399126 2.139043  55 1 0 -1.224446 -4.238093 -3.097175  56 1 0 -1.748330 -4.764438 -1.505912 |
| TM\_NP\_model\_scan\_m\_50\_m\_140 | 1 6 0 1.387375 0.661905 0.494054  2 6 0 0.585814 1.732296 0.090845  3 6 0 -0.808829 1.657426 0.020643  4 6 0 -1.454637 0.441937 0.346754  5 6 0 -0.656684 -0.630733 0.750456  6 6 0 0.735999 -0.551271 0.829621  7 6 0 -2.938306 0.319524 0.443102  8 6 0 -3.641704 1.235820 1.204446  9 6 0 -5.039450 1.147516 1.370510  10 6 0 -5.743983 0.141259 0.760809  11 6 0 -5.081292 -0.806759 -0.059560  12 6 0 -3.661137 -0.717513 -0.239469  13 6 0 -3.042121 -1.644920 -1.121329  14 6 0 -3.771932 -2.620642 -1.756913  15 6 0 -5.165163 -2.725278 -1.550287  16 6 0 -5.801885 -1.833609 -0.723977  17 6 0 2.869639 0.822313 0.405179  18 6 0 3.717931 -0.097387 -0.309874  19 6 0 5.128128 0.165094 -0.369597  20 6 0 5.648744 1.351387 0.204729  21 6 0 4.808561 2.266104 0.785531  22 6 0 3.426949 2.003848 0.866741  23 6 0 3.229958 -1.223405 -1.029218  24 6 0 4.079775 -2.072615 -1.696668  25 6 0 5.473757 -1.848056 -1.689926  26 6 0 5.979999 -0.747149 -1.047187  27 6 0 -1.553125 2.822812 -0.504367  28 7 0 -1.025528 3.974485 -0.601053  29 6 0 -1.817908 5.040930 -1.179203  30 6 0 1.473151 -1.686803 1.428818  31 7 0 0.944597 -2.830311 1.585904  32 6 0 1.730334 -3.862097 2.232074  33 1 0 1.043505 2.659445 -0.228502  34 1 0 -1.116759 -1.557436 1.069377  35 1 0 -3.098018 2.016214 1.724304  36 1 0 -5.548227 1.874594 1.993262  37 1 0 -6.817910 0.059781 0.891575  38 1 0 -1.977731 -1.572651 -1.300504  39 1 0 -3.275070 -3.313494 -2.426646  40 1 0 -5.728515 -3.503286 -2.053041  41 1 0 -6.874393 -1.895011 -0.571118  42 1 0 6.717007 1.533102 0.152962  43 1 0 5.199902 3.190006 1.195929  44 1 0 2.787666 2.724522 1.363300  45 1 0 2.165677 -1.406501 -1.070813  46 1 0 3.674138 -2.917169 -2.242305  47 1 0 6.134940 -2.531789 -2.210182  48 1 0 7.045567 -0.542900 -1.062592  49 1 0 -2.583205 2.633815 -0.831226  50 1 0 -2.832325 4.731555 -1.473200  51 1 0 2.498457 -1.476773 1.759099  52 1 0 2.740735 -3.535391 2.519777  53 1 0 -1.891420 5.864616 -0.462028  54 1 0 -1.300149 5.436509 -2.058886  55 1 0 1.201250 -4.209225 3.125296  56 1 0 1.813655 -4.723369 1.561766 |
| TM\_NP\_model\_scan\_m\_50\_p\_20 | 1 6 0 1.403158 0.356575 -0.130469  2 6 0 0.907374 -0.923975 0.152273  3 6 0 -0.445438 -1.267994 0.080627  4 6 0 -1.397103 -0.274122 -0.238679  5 6 0 -0.921506 1.014978 -0.486087  6 6 0 0.432094 1.352976 -0.429991  7 6 0 -2.837234 -0.580435 -0.472477  8 6 0 -3.175550 -1.596213 -1.348910  9 6 0 -4.519231 -1.905290 -1.645503  10 6 0 -5.535658 -1.200705 -1.052831  11 6 0 -5.250009 -0.170359 -0.121375  12 6 0 -3.885859 0.143955 0.191089  13 6 0 -3.640604 1.138102 1.177162  14 6 0 -4.674565 1.805386 1.789106  15 6 0 -6.015516 1.515335 1.454096  16 6 0 -6.292522 0.545313 0.523758  17 6 0 2.805297 0.675054 0.272187  18 6 0 3.907118 -0.226242 0.010457  19 6 0 5.221927 0.135032 0.460536  20 6 0 5.440553 1.401784 1.058010  21 6 0 4.408468 2.293824 1.178787  22 6 0 3.109421 1.934133 0.768425  23 6 0 3.787617 -1.433020 -0.733690  24 6 0 4.864363 -2.262327 -0.942670  25 6 0 6.135068 -1.938648 -0.422782  26 6 0 6.306310 -0.757369 0.252892  27 6 0 -0.845110 -2.638705 0.466432  28 7 0 -0.010089 -3.594548 0.521950  29 6 0 -0.485407 -4.890247 0.963795  30 6 0 0.803658 2.708336 -0.900763  31 7 0 -0.004654 3.687077 -0.859154  32 6 0 0.424736 4.950165 -1.425793  33 1 0 1.573842 -1.695758 0.509028  34 1 0 -1.609634 1.796124 -0.782492  35 1 0 -2.386213 -2.140557 -1.854452  36 1 0 -4.739527 -2.695815 -2.353919  37 1 0 -6.571894 -1.425139 -1.282830  38 1 0 -2.620544 1.366581 1.455328  39 1 0 -4.459090 2.558154 2.538961  40 1 0 -6.821790 2.052910 1.940272  41 1 0 -7.319601 0.303406 0.270748  42 1 0 6.439923 1.657954 1.393372  43 1 0 4.574995 3.274861 1.608948  44 1 0 2.307505 2.633060 0.964782  45 1 0 2.836784 -1.699245 -1.171094  46 1 0 4.734625 -3.169757 -1.521550  47 1 0 6.973031 -2.608250 -0.580034  48 1 0 7.285200 -0.472680 0.624483  49 1 0 -1.901787 -2.782169 0.724563  50 1 0 -1.560076 -4.911966 1.199929  51 1 0 1.807743 2.810036 -1.333619  52 1 0 1.446634 4.929261 -1.834322  53 1 0 -0.276527 -5.634085 0.188379  54 1 0 0.077972 -5.195841 1.851213  55 1 0 -0.267905 5.240602 -2.222122  56 1 0 0.364437 5.728836 -0.658831 |
| TM\_NP\_model\_scan\_m\_50\_p\_30 | 1 6 0 -1.397983 0.326710 0.037119  2 6 0 -0.893301 -0.947186 -0.249081  3 6 0 0.462010 -1.276151 -0.157345  4 6 0 1.394402 -0.278000 0.207810  5 6 0 0.902369 1.001440 0.472000  6 6 0 -0.453392 1.327688 0.387204  7 6 0 2.831372 -0.576937 0.471794  8 6 0 3.156473 -1.608682 1.334444  9 6 0 4.494834 -1.913109 1.658573  10 6 0 5.519696 -1.187045 1.107949  11 6 0 5.248633 -0.138702 0.192336  12 6 0 3.890114 0.170724 -0.148459  13 6 0 3.661432 1.184363 -1.118592  14 6 0 4.704636 1.874079 -1.688480  15 6 0 6.039089 1.588372 -1.324973  16 6 0 6.300814 0.600238 -0.409399  17 6 0 -2.807969 0.637693 -0.337327  18 6 0 -3.906088 -0.229057 0.017234  19 6 0 -5.231738 0.120776 -0.407191  20 6 0 -5.450717 1.337516 -1.100997  21 6 0 -4.407736 2.191849 -1.346148  22 6 0 -3.100140 1.845927 -0.950071  23 6 0 -3.762686 -1.393404 0.821318  24 6 0 -4.838942 -2.191865 1.128119  25 6 0 -6.129356 -1.875007 0.652738  26 6 0 -6.317498 -0.737180 -0.090118  27 6 0 0.888159 -2.633241 -0.562677  28 7 0 0.066446 -3.596690 -0.664836  29 6 0 0.569480 -4.876131 -1.122857  30 6 0 -0.862581 2.675878 0.843423  31 7 0 -0.054454 3.655424 0.872336  32 6 0 -0.529488 4.915270 1.408532  33 1 0 -1.553629 -1.721070 -0.615662  34 1 0 1.576255 1.781919 0.801233  35 1 0 2.359525 -2.170644 1.807730  36 1 0 4.703987 -2.717318 2.354872  37 1 0 6.551682 -1.407735 1.359663  38 1 0 2.646813 1.409918 -1.418174  39 1 0 4.501721 2.641491 -2.426921  40 1 0 6.852686 2.143760 -1.777777  41 1 0 7.323163 0.361807 -0.134847  42 1 0 -6.458087 1.585689 -1.418036  43 1 0 -4.575090 3.131463 -1.860310  44 1 0 -2.289385 2.510797 -1.219874  45 1 0 -2.791036 -1.649601 1.218704  46 1 0 -4.694749 -3.069473 1.748114  47 1 0 -6.968082 -2.519086 0.891621  48 1 0 -7.308800 -0.463801 -0.436455  49 1 0 1.953276 -2.758611 -0.794194  50 1 0 1.650697 -4.880464 -1.328165  51 1 0 -1.898045 2.774451 1.194142  52 1 0 -1.581402 4.892164 1.731706  53 1 0 0.347140 -5.640464 -0.371492  54 1 0 0.035406 -5.166846 -2.033113  55 1 0 0.095527 5.201684 2.260390  56 1 0 -0.406899 5.697872 0.653085 |
| TM\_NP\_model\_scan\_m\_50\_p\_40 | 1 6 0 -1.392748 0.304108 -0.052557  2 6 0 -0.878672 -0.963163 -0.341146  3 6 0 0.478073 -1.279626 -0.226469  4 6 0 1.391510 -0.278551 0.179697  5 6 0 0.883234 0.991273 0.458891  6 6 0 -0.473853 1.306715 0.347609  7 6 0 2.825006 -0.570315 0.471526  8 6 0 3.139879 -1.615647 1.321412  9 6 0 4.473346 -1.915715 1.669017  10 6 0 5.503968 -1.171559 1.154551  11 6 0 5.244217 -0.108569 0.252646  12 6 0 3.890889 0.196626 -0.111807  13 6 0 3.675097 1.225900 -1.068407  14 6 0 4.724731 1.933718 -1.603147  15 6 0 6.053307 1.651715 -1.215929  16 6 0 6.303136 0.649253 -0.312690  17 6 0 -2.812134 0.604060 -0.397969  18 6 0 -3.900052 -0.227948 0.045649  19 6 0 -5.235698 0.100670 -0.362325  20 6 0 -5.464912 1.256669 -1.150515  21 6 0 -4.421656 2.070717 -1.508944  22 6 0 -3.104909 1.746695 -1.123238  23 6 0 -3.729821 -1.341591 0.913280  24 6 0 -4.798458 -2.110023 1.309261  25 6 0 -6.104553 -1.809347 0.865508  26 6 0 -6.314365 -0.722973 0.054153  27 6 0 0.927588 -2.625969 -0.642422  28 7 0 0.118362 -3.595543 -0.780022  29 6 0 0.645532 -4.863118 -1.243697  30 6 0 -0.915814 2.648714 0.788029  31 7 0 -0.110945 3.626371 0.888502  32 6 0 -0.625973 4.884362 1.390619  33 1 0 -1.531784 -1.739201 -0.717992  34 1 0 1.542836 1.770723 0.818300  35 1 0 2.337616 -2.192707 1.766706  36 1 0 4.673845 -2.731253 2.354611  37 1 0 6.532011 -1.388925 1.424613  38 1 0 2.665337 1.448870 -1.385830  39 1 0 4.531682 2.712668 -2.332107  40 1 0 6.871988 2.221337 -1.641042  41 1 0 7.321197 0.413757 -0.020269  42 1 0 -6.479792 1.489897 -1.454758  43 1 0 -4.597525 2.960624 -2.102614  44 1 0 -2.292862 2.378415 -1.462776  45 1 0 -2.741603 -1.582086 1.280084  46 1 0 -4.637209 -2.951367 1.973753  47 1 0 -6.937823 -2.428265 1.178608  48 1 0 -7.316248 -0.467653 -0.275091  49 1 0 1.999290 -2.737493 -0.849314  50 1 0 1.731503 -4.854021 -1.422066  51 1 0 -1.975833 2.747308 1.053995  52 1 0 -1.701126 4.862396 1.625045  53 1 0 0.412429 -5.640382 -0.509020  54 1 0 0.136951 -5.145904 -2.170888  55 1 0 -0.072985 5.164410 2.292917  56 1 0 -0.439174 5.670570 0.652259 |
| TM\_NP\_model\_scan\_m\_50\_p\_50 | 1 6 0 1.388495 -0.278863 -0.147624  2 6 0 0.861759 0.981260 -0.435908  3 6 0 -0.496199 1.283936 -0.296477  4 6 0 -1.388502 0.278913 0.147523  5 6 0 -0.861754 -0.981242 0.435778  6 6 0 0.496177 -1.283910 0.296381  7 6 0 -2.817716 0.561202 0.469925  8 6 0 -3.122636 1.616543 1.310950  9 6 0 -4.450295 1.909098 1.686152  10 6 0 -5.485486 1.146969 1.208520  11 6 0 -5.236766 0.072749 0.316882  12 6 0 -3.889630 -0.224694 -0.075742  13 6 0 -3.686623 -1.266402 -1.021686  14 6 0 -4.741588 -1.992840 -1.519659  15 6 0 -6.063183 -1.718126 -1.104291  16 6 0 -6.301266 -0.704286 -0.210628  17 6 0 2.817723 -0.561192 -0.469985  18 6 0 3.889636 0.224692 0.075711  19 6 0 5.236785 -0.072815 -0.316845  20 6 0 5.485508 -1.147054 -1.208452  21 6 0 4.450310 -1.909159 -1.686114  22 6 0 3.122647 -1.616556 -1.310973  23 6 0 3.686643 1.266444 1.021620  24 6 0 4.741614 1.992839 1.519622  25 6 0 6.063223 1.718057 1.104325  26 6 0 6.301297 0.704189 0.210699  27 6 0 -0.970470 2.619840 -0.718673  28 7 0 -0.175459 3.595646 -0.890688  29 6 0 -0.728089 4.851605 -1.356103  30 6 0 0.970448 -2.619815 0.718571  31 7 0 0.175398 -3.595547 0.890827  32 6 0 0.728020 -4.851498 1.356292  33 1 0 1.504872 1.761532 -0.822549  34 1 0 -1.504914 -1.761494 0.822385  35 1 0 -2.315851 2.208210 1.727984  36 1 0 -4.642330 2.733265 2.363812  37 1 0 -6.508826 1.358361 1.500294  38 1 0 -2.682571 -1.484139 -1.360213  39 1 0 -4.558417 -2.781006 -2.241240  40 1 0 -6.886033 -2.302431 -1.500449  41 1 0 -7.314260 -0.474464 0.103106  42 1 0 6.508850 -1.358499 -1.500178  43 1 0 4.642360 -2.733339 -2.363756  44 1 0 2.315872 -2.208238 -1.728013  45 1 0 2.682585 1.484243 1.360087  46 1 0 4.558448 2.781030 2.241176  47 1 0 6.886085 2.302321 1.500517  48 1 0 7.314296 0.474323 -0.102988  49 1 0 -2.048310 2.717730 -0.898886  50 1 0 -1.818270 4.829200 -1.505398  51 1 0 2.048319 -2.717782 0.898523  52 1 0 1.818253 -4.829200 1.505207  53 1 0 -0.483869 5.640578 -0.637677  54 1 0 -0.247142 5.127756 -2.299893  55 1 0 0.247372 -5.127389 2.300315  56 1 0 0.483428 -5.640574 0.638115 |
| TM\_NP\_model\_scan\_m\_50\_p\_60 | 1 6 0 -1.386031 -0.243899 0.246385  2 6 0 -0.840751 1.008487 0.526737  3 6 0 0.518611 1.292654 0.360408  4 6 0 1.385660 0.278835 -0.114149  5 6 0 0.836215 -0.972057 -0.399708  6 6 0 -0.522287 -1.257358 -0.228303  7 6 0 2.810053 0.545572 -0.470758  8 6 0 3.106789 1.603822 -1.310999  9 6 0 4.427953 1.882737 -1.718135  10 6 0 5.465258 1.103595 -1.273713  11 6 0 5.225745 0.025304 -0.384496  12 6 0 3.885539 -0.258023 0.040829  13 6 0 3.693708 -1.304940 0.983403  14 6 0 4.751670 -2.049309 1.447362  15 6 0 6.065430 -1.788329 0.999527  16 6 0 6.293377 -0.769987 0.108358  17 6 0 -2.825108 -0.497154 0.557718  18 6 0 -3.875105 0.218548 -0.108002  19 6 0 -5.234859 -0.033682 0.270985  20 6 0 -5.512492 -0.989618 1.280992  21 6 0 -4.493412 -1.678507 1.887911  22 6 0 -3.153226 -1.431837 1.521490  23 6 0 -3.632903 1.151206 -1.152961  24 6 0 -4.667702 1.812645 -1.769366  25 6 0 -6.004642 1.577791 -1.378104  26 6 0 -6.278036 0.672781 -0.383147  27 6 0 1.021714 2.618312 0.781538  28 7 0 0.244536 3.601950 0.987171  29 6 0 0.826566 4.846040 1.448394  30 6 0 -1.030290 -2.588624 -0.622334  31 7 0 -0.252887 -3.561344 -0.873820  32 6 0 -0.843806 -4.816323 -1.291967  33 1 0 -1.469557 1.797310 0.920430  34 1 0 1.459483 -1.758135 -0.806713  35 1 0 2.297238 2.209020 -1.702488  36 1 0 4.612922 2.710033 -2.393953  37 1 0 6.483335 1.304307 -1.590355  38 1 0 2.696016 -1.512537 1.346296  39 1 0 4.577171 -2.841218 2.167003  40 1 0 6.890549 -2.386797 1.368928  41 1 0 7.300720 -0.550662 -0.230086  42 1 0 -6.544973 -1.168255 1.562370  43 1 0 -4.708632 -2.409748 2.658857  44 1 0 -2.358613 -1.968168 2.028009  45 1 0 -2.614201 1.336614 -1.467340  46 1 0 -4.457554 2.518718 -2.564818  47 1 0 -6.811596 2.109131 -1.870021  48 1 0 -7.302570 0.478751 -0.082936  49 1 0 2.105469 2.701180 0.931118  50 1 0 1.920252 4.808432 1.565709  51 1 0 -2.120025 -2.687718 -0.702412  52 1 0 -1.943042 -4.795120 -1.341034  53 1 0 0.571813 5.645183 0.745008  54 1 0 0.376661 5.118808 2.408345  55 1 0 -0.450405 -5.087846 -2.276754  56 1 0 -0.533839 -5.607613 -0.601981 |
| TM\_NP\_model\_scan\_m\_50\_p\_70 | 1 6 0 1.383619 -0.179451 -0.338689  2 6 0 0.809973 1.063056 -0.598871  3 6 0 -0.551957 1.317424 -0.402596  4 6 0 -1.386297 0.283665 0.087825  5 6 0 -0.805404 -0.956911 0.355861  6 6 0 0.554486 -1.212746 0.151221  7 6 0 -2.807457 0.519075 0.478697  8 6 0 -3.106566 1.567704 1.330047  9 6 0 -4.423313 1.816814 1.769550  10 6 0 -5.454163 1.017564 1.346325  11 6 0 -5.213035 -0.051665 0.446657  12 6 0 -3.877654 -0.304488 -0.011643  13 6 0 -3.686232 -1.342659 -0.963967  14 6 0 -4.738926 -2.107273 -1.406479  15 6 0 -6.046812 -1.876653 -0.925985  16 6 0 -6.274987 -0.867436 -0.024559  17 6 0 2.830830 -0.393557 -0.652196  18 6 0 3.861063 0.211628 0.138469  19 6 0 5.230803 0.006181 -0.231576  20 6 0 5.534462 -0.791342 -1.364447  21 6 0 4.531088 -1.369053 -2.100009  22 6 0 3.180700 -1.168996 -1.739896  23 6 0 3.585617 0.994193 1.292465  24 6 0 4.601821 1.553784 2.028832  25 6 0 5.950401 1.360562 1.654049  26 6 0 6.254151 0.602708 0.550521  27 6 0 -1.092441 2.633521 -0.806872  28 7 0 -0.340909 3.632607 -1.032537  29 6 0 -0.960029 4.865497 -1.475022  30 6 0 1.102452 -2.539229 0.503432  31 7 0 0.356367 -3.516968 0.821217  32 6 0 0.989404 -4.770163 1.178316  33 1 0 1.417103 1.868144 -0.994088  34 1 0 -1.403275 -1.758177 0.771408  35 1 0 -2.300959 2.188308 1.705225  36 1 0 -4.609679 2.637349 2.453181  37 1 0 -6.468458 1.195297 1.687852  38 1 0 -2.693226 -1.527189 -1.351411  39 1 0 -4.564971 -2.891845 -2.134256  40 1 0 -6.867577 -2.491070 -1.278521  41 1 0 -7.278401 -0.671151 0.338777  42 1 0 6.574246 -0.937041 -1.637907  43 1 0 4.766699 -1.977442 -2.965915  44 1 0 2.398152 -1.620379 -2.339634  45 1 0 2.556110 1.146532 1.590258  46 1 0 4.368766 2.147450 2.905614  47 1 0 6.742500 1.809763 2.242512  48 1 0 7.287588 0.445252 0.259536  49 1 0 -2.181328 2.695208 -0.926215  50 1 0 -2.055534 4.806144 -1.562981  51 1 0 2.195666 -2.631610 0.485539  52 1 0 2.088345 -4.742823 1.126961  53 1 0 -0.702488 5.668356 -0.776913  54 1 0 -0.541790 5.149011 -2.446131  55 1 0 0.688838 -5.047685 2.193673  56 1 0 0.621889 -5.560386 0.515920 |
| TM\_NP\_model\_scan\_m\_50\_p\_80 | 1 6 0 1.382632 -0.087338 -0.421681  2 6 0 0.772402 1.143828 -0.644308  3 6 0 -0.592722 1.356058 -0.417892  4 6 0 -1.388582 0.289588 0.065994  5 6 0 -0.770417 -0.941626 0.291873  6 6 0 0.591467 -1.155065 0.054962  7 6 0 -2.805925 0.478723 0.494604  8 6 0 -3.110807 1.499034 1.377736  9 6 0 -4.422391 1.703506 1.854131  10 6 0 -5.442658 0.888236 1.435868  11 6 0 -5.196487 -0.152390 0.504550  12 6 0 -3.866667 -0.359426 0.008667  13 6 0 -3.672367 -1.368094 -0.974275  14 6 0 -4.716023 -2.147970 -1.411562  15 6 0 -6.017197 -1.963320 -0.894367  16 6 0 -6.248701 -0.983239 0.037826  17 6 0 2.837451 -0.247509 -0.740289  18 6 0 3.846070 0.199490 0.172157  19 6 0 5.224982 0.052452 -0.189944  20 6 0 5.557664 -0.531207 -1.439213  21 6 0 4.573341 -0.955719 -2.295068  22 6 0 3.213177 -0.813106 -1.941648  23 6 0 3.536854 0.775442 1.434024  24 6 0 4.532045 1.188612 2.286680  25 6 0 5.890795 1.048643 1.924657  26 6 0 6.225983 0.493060 0.714744  27 6 0 -1.176603 2.665097 -0.782201  28 7 0 -0.456664 3.686776 -1.009957  29 6 0 -1.118404 4.911482 -1.411393  30 6 0 1.182615 -2.478076 0.343049  31 7 0 0.475997 -3.474381 0.691535  32 6 0 1.150659 -4.725994 0.968696  33 1 0 1.351923 1.975116 -1.026522  34 1 0 -1.339230 -1.769425 0.696186  35 1 0 -2.312210 2.131004 1.748907  36 1 0 -4.612868 2.502499 2.561726  37 1 0 -6.452610 1.031635 1.805283  38 1 0 -2.684666 -1.517046 -1.389660  39 1 0 -4.540236 -2.909023 -2.163479  40 1 0 -6.830608 -2.589582 -1.243070  41 1 0 -7.247674 -0.821783 0.429459  42 1 0 6.604194 -0.635697 -1.705730  43 1 0 4.831574 -1.399813 -3.249820  44 1 0 2.446195 -1.146674 -2.631809  45 1 0 2.498387 0.887902 1.719230  46 1 0 4.274862 1.625738 3.244946  47 1 0 6.666140 1.380581 2.605959  48 1 0 7.267375 0.380888 0.431238  49 1 0 -2.269541 2.701350 -0.870441  50 1 0 -2.213912 4.825214 -1.473110  51 1 0 2.273108 -2.552016 0.244077  52 1 0 2.242453 -4.679862 0.839106  53 1 0 -0.863788 5.706733 -0.703541  54 1 0 -0.732543 5.225264 -2.386609  55 1 0 0.927957 -5.034344 1.995140  56 1 0 0.747276 -5.504429 0.313227 |
| TM\_NP\_model\_scan\_m\_50\_p\_90 | 1 6 0 1.380832 0.029844 -0.477561  2 6 0 0.731460 1.249924 -0.638633  3 6 0 -0.636505 1.410378 -0.385359  4 6 0 -1.393039 0.299956 0.060410  5 6 0 -0.736080 -0.921961 0.219607  6 6 0 0.627695 -1.083058 -0.044524  7 6 0 -2.807876 0.426464 0.519537  8 6 0 -3.127438 1.395027 1.454160  9 6 0 -4.436091 1.537061 1.960498  10 6 0 -5.439021 0.712002 1.520008  11 6 0 -5.178748 -0.274976 0.535659  12 6 0 -3.852095 -0.418174 0.009643  13 6 0 -3.645648 -1.370750 -1.025324  14 6 0 -4.673854 -2.158081 -1.485270  15 6 0 -5.970782 -2.037871 -0.939180  16 6 0 -6.214392 -1.112602 0.044502  17 6 0 2.840987 -0.066329 -0.800475  18 6 0 3.833476 0.176539 0.202203  19 6 0 5.218354 0.092526 -0.156401  20 6 0 5.572523 -0.226784 -1.492488  21 6 0 4.603089 -0.452575 -2.436171  22 6 0 3.236544 -0.371162 -2.086308  23 6 0 3.500962 0.496499 1.546099  24 6 0 4.480572 0.721917 2.483026  25 6 0 5.845667 0.639935 2.127054  26 6 0 6.202821 0.332433 0.837453  27 6 0 -1.263906 2.716376 -0.681090  28 7 0 -0.577586 3.766616 -0.881430  29 6 0 -1.282011 4.987936 -1.214636  30 6 0 1.258888 -2.404129 0.152735  31 7 0 0.593551 -3.426902 0.505581  32 6 0 1.304080 -4.677219 0.679294  33 1 0 1.281917 2.115898 -0.985037  34 1 0 -1.275282 -1.785480 0.588353  35 1 0 -2.341346 2.032704 1.841839  36 1 0 -4.637856 2.295652 2.708283  37 1 0 -6.446250 0.807303 1.911737  38 1 0 -2.661352 -1.469222 -1.463159  39 1 0 -4.489260 -2.874834 -2.277522  40 1 0 -6.771800 -2.669553 -1.306287  41 1 0 -7.210902 -1.000068 0.458887  42 1 0 6.623606 -0.287551 -1.754623  43 1 0 4.877732 -0.693990 -3.456828  44 1 0 2.481135 -0.550597 -2.843216  45 1 0 2.457089 0.565099 1.825783  46 1 0 4.206316 0.966512 3.503064  47 1 0 6.608655 0.821633 2.875636  48 1 0 7.249321 0.268820 0.557648  49 1 0 -2.359164 2.725631 -0.743235  50 1 0 -2.375735 4.872579 -1.257628  51 1 0 2.341171 -2.453814 -0.022800  52 1 0 2.383816 -4.605604 0.479558  53 1 0 -1.034604 5.758389 -0.477401  54 1 0 -0.926452 5.355326 -2.182634  55 1 0 1.155485 -5.035308 1.702961  56 1 0 0.869206 -5.432416 0.016784 |
| TM\_NP\_model\_scan\_m\_50\_p\_100 | 1 6 0 1.377799 0.164922 -0.490454  2 6 0 0.689890 1.371852 -0.569427  3 6 0 -0.681062 1.473278 -0.301459  4 6 0 -1.400637 0.313654 0.073675  5 6 0 -0.706423 -0.896126 0.145727  6 6 0 0.659166 -0.998214 -0.135858  7 6 0 -2.815191 0.365716 0.547918  8 6 0 -3.157269 1.259713 1.546579  9 6 0 -4.465539 1.326005 2.069419  10 6 0 -5.445715 0.500424 1.581219  11 6 0 -5.162962 -0.409771 0.531362  12 6 0 -3.836851 -0.475438 -0.011169  13 6 0 -3.609621 -1.349338 -1.109266  14 6 0 -4.616681 -2.135951 -1.614958  15 6 0 -5.912150 -2.093698 -1.053976  16 6 0 -6.176183 -1.244732 -0.008703  17 6 0 2.840303 0.141218 -0.812772  18 6 0 3.826535 0.140703 0.225687  19 6 0 5.213849 0.129719 -0.133389  20 6 0 5.577084 0.126920 -1.504758  21 6 0 4.614247 0.138347 -2.481390  22 6 0 3.245393 0.145976 -2.131569  23 6 0 3.486576 0.158686 1.605317  24 6 0 4.460449 0.155434 2.574926  25 6 0 5.827628 0.136765 2.218534  26 6 0 6.192183 0.126166 0.894882  27 6 0 -1.349549 2.775791 -0.509120  28 7 0 -0.696869 3.856781 -0.649538  29 6 0 -1.441068 5.074131 -0.900827  30 6 0 1.325148 -2.314596 -0.054652  31 7 0 0.700786 -3.370364 0.274963  32 6 0 1.440635 -4.614820 0.322721  33 1 0 1.212733 2.276356 -0.854723  34 1 0 -1.218000 -1.799578 0.453107  35 1 0 -2.388163 1.894631 1.971098  36 1 0 -4.684668 2.026278 2.867503  37 1 0 -6.452052 0.537035 1.984907  38 1 0 -2.626672 -1.386837 -1.559326  39 1 0 -4.416634 -2.791519 -2.455009  40 1 0 -6.696230 -2.724084 -1.458022  41 1 0 -7.172302 -1.191682 0.418313  42 1 0 6.629863 0.118803 -1.767092  43 1 0 4.896016 0.139838 -3.528322  44 1 0 2.495517 0.150813 -2.914665  45 1 0 2.441760 0.181522 1.889275  46 1 0 4.179459 0.171109 3.621991  47 1 0 6.585931 0.134764 2.993407  48 1 0 7.240252 0.117006 0.613928  49 1 0 -2.445224 2.756013 -0.561492  50 1 0 -2.531478 4.928820 -0.936522  51 1 0 2.394747 -2.331273 -0.299682  52 1 0 2.503558 -4.509932 0.058195  53 1 0 -1.205388 5.807227 -0.122831  54 1 0 -1.110527 5.507753 -1.850133  55 1 0 1.365536 -5.038494 1.329245  56 1 0 0.974638 -5.335901 -0.356438 |
| TM\_NP\_model\_scan\_m\_50\_p\_110 | 1 6 0 1.375694 0.274421 -0.482116  2 6 0 0.658061 1.467182 -0.488383  3 6 0 -0.714591 1.520797 -0.216225  4 6 0 -1.406674 0.325085 0.090219  5 6 0 -0.684766 -0.870619 0.085803  6 6 0 0.681586 -0.924905 -0.203791  7 6 0 -2.820741 0.315032 0.568194  8 6 0 -3.181902 1.139381 1.618734  9 6 0 -4.489766 1.141464 2.146874  10 6 0 -5.450485 0.321629 1.612563  11 6 0 -5.148607 -0.516809 0.509618  12 6 0 -3.823269 -0.516062 -0.038673  13 6 0 -3.578512 -1.315471 -1.188574  14 6 0 -4.567275 -2.095550 -1.738526  15 6 0 -5.861050 -2.120745 -1.172639  16 6 0 -6.142420 -1.343343 -0.077394  17 6 0 2.840852 0.313551 -0.783880  18 6 0 3.821073 0.095167 0.238953  19 6 0 5.210589 0.159771 -0.106281  20 6 0 5.583981 0.453602 -1.442949  21 6 0 4.628080 0.682427 -2.399333  22 6 0 3.257581 0.614068 -2.065125  23 6 0 3.475048 -0.164940 1.592594  24 6 0 4.443691 -0.370910 2.545405  25 6 0 5.812540 -0.325398 2.198426  26 6 0 6.183560 -0.062522 0.903102  27 6 0 -1.413104 2.817695 -0.345552  28 7 0 -0.786022 3.919897 -0.424060  29 6 0 -1.559030 5.132055 -0.603246  30 6 0 1.366885 -2.234033 -0.235068  31 7 0 0.776199 -3.315032 0.073926  32 6 0 1.528484 -4.550609 -0.002641  33 1 0 1.160176 2.400446 -0.711432  34 1 0 -1.175840 -1.803587 0.332420  35 1 0 -2.427619 1.766554 2.079852  36 1 0 -4.723564 1.787393 2.985602  37 1 0 -6.455903 0.308437 2.019956  38 1 0 -2.597030 -1.299845 -1.643123  39 1 0 -4.354161 -2.693523 -2.617451  40 1 0 -6.630401 -2.745583 -1.612075  41 1 0 -7.137873 -1.341600 0.354434  42 1 0 6.638689 0.499865 -1.693114  43 1 0 4.916542 0.913521 -3.418538  44 1 0 2.513230 0.788253 -2.833973  45 1 0 2.429578 -0.191334 1.872787  46 1 0 4.156874 -0.565298 3.572752  47 1 0 6.566838 -0.491565 2.959293  48 1 0 7.232958 -0.015999 0.630901  49 1 0 -2.508213 2.775696 -0.396978  50 1 0 -2.646097 4.964069 -0.641169  51 1 0 2.417511 -2.222748 -0.551348  52 1 0 2.569526 -4.416862 -0.332862  53 1 0 -1.334740 5.826373 0.212726  54 1 0 -1.244726 5.624748 -1.528978  55 1 0 1.527095 -5.032884 0.979998  56 1 0 1.022830 -5.237067 -0.689279 |
| TM\_NP\_model\_scan\_m\_50\_p\_120 | 1 6 0 1.373205 0.353103 -0.466411  2 6 0 0.632261 1.531885 -0.419955  3 6 0 -0.740891 1.550456 -0.148097  4 6 0 -1.412311 0.331524 0.107897  5 6 0 -0.669101 -0.849698 0.051501  6 6 0 0.697514 -0.868790 -0.240630  7 6 0 -2.826035 0.275807 0.583117  8 6 0 -3.203681 1.048787 1.666484  9 6 0 -4.512378 1.005464 2.190790  10 6 0 -5.457633 0.192496 1.619688  11 6 0 -5.139225 -0.592669 0.482698  12 6 0 -3.813094 -0.545442 -0.061544  13 6 0 -3.552785 -1.289389 -1.244799  14 6 0 -4.526991 -2.061552 -1.830703  15 6 0 -5.821008 -2.133914 -1.269478  16 6 0 -6.117549 -1.409956 -0.142070  17 6 0 2.840382 0.441865 -0.737958  18 6 0 3.818990 0.050163 0.236194  19 6 0 5.209696 0.182726 -0.086386  20 6 0 5.587889 0.722464 -1.342238  21 6 0 4.635112 1.132026 -2.239470  22 6 0 3.264818 0.995848 -1.930582  23 6 0 3.474835 -0.434107 1.527659  24 6 0 4.443274 -0.798712 2.431967  25 6 0 5.812274 -0.696695 2.098649  26 6 0 6.182630 -0.212344 0.869035  27 6 0 -1.460866 2.840036 -0.221769  28 7 0 -0.852276 3.954768 -0.257112  29 6 0 -1.645715 5.160352 -0.383703  30 6 0 1.391761 -2.168795 -0.359997  31 7 0 0.830105 -3.266645 -0.056525  32 6 0 1.584585 -4.490755 -0.233063  33 1 0 1.118269 2.483901 -0.593879  34 1 0 -1.144501 -1.801348 0.253365  35 1 0 -2.461591 1.668924 2.156042  36 1 0 -4.759039 1.611091 3.055507  37 1 0 -6.463407 0.144637 2.023608  38 1 0 -2.571129 -1.236615 -1.696186  39 1 0 -4.302136 -2.616561 -2.734535  40 1 0 -6.578677 -2.752214 -1.737517  41 1 0 -7.113607 -1.444075 0.287011  42 1 0 6.643471 0.815428 -1.575024  43 1 0 4.926271 1.556684 -3.193525  44 1 0 2.523738 1.309933 -2.656890  45 1 0 2.430898 -0.505005 1.804151  46 1 0 4.155278 -1.161133 3.412382  47 1 0 6.566280 -0.991263 2.819848  48 1 0 7.231820 -0.115387 0.609739  49 1 0 -2.555275 2.782177 -0.271431  50 1 0 -2.729967 4.976126 -0.425872  51 1 0 2.419567 -2.136028 -0.742611  52 1 0 2.600377 -4.333024 -0.625258  53 1 0 -1.430250 5.823720 0.459912  54 1 0 -1.342602 5.696291 -1.288923  55 1 0 1.652012 -5.012197 0.726988  56 1 0 1.039631 -5.154021 -0.912381 |
| TM\_NP\_model\_scan\_m\_50\_p\_130 | 1 6 0 1.373619 0.402047 -0.470526  2 6 0 0.616388 1.570356 -0.391857  3 6 0 -0.756275 1.567889 -0.120426  4 6 0 -1.414062 0.336841 0.110918  5 6 0 -0.657585 -0.833812 0.023162  6 6 0 0.708238 -0.831745 -0.272898  7 6 0 -2.825079 0.255081 0.589721  8 6 0 -3.206690 0.999747 1.691488  9 6 0 -4.512986 0.931325 2.219023  10 6 0 -5.452031 0.121817 1.632950  11 6 0 -5.129751 -0.634486 0.477632  12 6 0 -3.806090 -0.561655 -0.069799  13 6 0 -3.542627 -1.276236 -1.270347  14 6 0 -4.511089 -2.045014 -1.870067  15 6 0 -5.802278 -2.143113 -1.306247  16 6 0 -6.102007 -1.447545 -0.161941  17 6 0 2.844841 0.525700 -0.697427  18 6 0 3.815130 0.005600 0.227505  19 6 0 5.209254 0.196638 -0.051668  20 6 0 5.600986 0.930801 -1.199645  21 6 0 4.657106 1.478898 -2.029642  22 6 0 3.285459 1.282757 -1.768195  23 6 0 3.464802 -0.648278 1.440775  24 6 0 4.426747 -1.128379 2.296818  25 6 0 5.798131 -0.981248 1.992618  26 6 0 6.175707 -0.327208 0.847050  27 6 0 -1.489447 2.851568 -0.162640  28 7 0 -0.892457 3.972975 -0.178912  29 6 0 -1.698760 5.172805 -0.275093  30 6 0 1.401194 -2.125339 -0.459223  31 7 0 0.858815 -3.233782 -0.159666  32 6 0 1.605430 -4.449180 -0.413583  33 1 0 1.091044 2.533455 -0.532146  34 1 0 -1.122357 -1.795722 0.199474  35 1 0 -2.469250 1.616351 2.192397  36 1 0 -4.762694 1.514928 3.097894  37 1 0 -6.455841 0.054793 2.039031  38 1 0 -2.563247 -1.203279 -1.723885  39 1 0 -4.283881 -2.577307 -2.786880  40 1 0 -6.555327 -2.758547 -1.785375  41 1 0 -7.096094 -1.501358 0.269686  42 1 0 6.658990 1.065404 -1.398473  43 1 0 4.956729 2.058566 -2.895361  44 1 0 2.553583 1.703239 -2.448393  45 1 0 2.420681 -0.756203 1.701925  46 1 0 4.130345 -1.617144 3.218078  47 1 0 6.547214 -1.371238 2.672447  48 1 0 7.226384 -0.187284 0.614818  49 1 0 -2.583483 2.783611 -0.206584  50 1 0 -2.781285 4.978442 -0.315514  51 1 0 2.407670 -2.077510 -0.893338  52 1 0 2.597262 -4.275947 -0.857108  53 1 0 -1.485419 5.819847 0.581638  54 1 0 -1.406174 5.731393 -1.170035  55 1 0 1.727896 -4.997863 0.525632  56 1 0 1.025108 -5.094779 -1.080490 |
| TM\_NP\_model\_scan\_m\_50\_p\_140 | 1 6 0 1.375968 0.435538 -0.496511  2 6 0 0.606003 1.596232 -0.400815  3 6 0 -0.765204 1.581774 -0.125942  4 6 0 -1.413201 0.345219 0.102715  5 6 0 -0.647678 -0.817930 0.000457  6 6 0 0.716220 -0.803530 -0.303120  7 6 0 -2.819751 0.249296 0.591189  8 6 0 -3.198925 0.983897 1.700600  9 6 0 -4.500443 0.901236 2.237759  10 6 0 -5.437274 0.087565 1.653891  11 6 0 -5.117817 -0.658695 0.491284  12 6 0 -3.799123 -0.571389 -0.065946  13 6 0 -3.539252 -1.276085 -1.273094  14 6 0 -4.505982 -2.049176 -1.870083  15 6 0 -5.791804 -2.161691 -1.296804  16 6 0 -6.088264 -1.475860 -0.145782  17 6 0 2.852432 0.582295 -0.669215  18 6 0 3.808688 -0.033012 0.215597  19 6 0 5.207667 0.198993 -0.007606  20 6 0 5.619704 1.078926 -1.039325  21 6 0 4.688934 1.735436 -1.802551  22 6 0 3.315202 1.495726 -1.602131  23 6 0 3.444826 -0.809298 1.350577  24 6 0 4.394230 -1.376787 2.166267  25 6 0 5.769758 -1.201594 1.899782  26 6 0 6.161840 -0.422669 0.840988  27 6 0 -1.506841 2.861158 -0.152897  28 7 0 -0.917610 3.986659 -0.166423  29 6 0 -1.732740 5.181750 -0.246183  30 6 0 1.401050 -2.093781 -0.542612  31 7 0 0.873987 -3.208411 -0.239583  32 6 0 1.605794 -4.417922 -0.556986  33 1 0 1.070729 2.566615 -0.520606  34 1 0 -1.103933 -1.785499 0.167772  35 1 0 -2.462678 1.603211 2.199912  36 1 0 -4.748095 1.477062 3.122320  37 1 0 -6.437235 0.009494 2.067432  38 1 0 -2.564214 -1.191959 -1.734016  39 1 0 -4.281575 -2.573672 -2.792063  40 1 0 -6.543450 -2.780404 -1.773901  41 1 0 -7.078414 -1.540766 0.293304  42 1 0 6.680787 1.241710 -1.195879  43 1 0 5.000799 2.433504 -2.571070  44 1 0 2.598989 1.999173 -2.241103  45 1 0 2.399237 -0.940475 1.591062  46 1 0 4.082999 -1.955973 3.028320  47 1 0 6.509253 -1.663767 2.543888  48 1 0 7.215213 -0.252120 0.644162  49 1 0 -2.600738 2.786195 -0.187644  50 1 0 -2.814220 4.980317 -0.278503  51 1 0 2.384541 -2.036025 -1.025731  52 1 0 2.574356 -4.235042 -1.045809  53 1 0 -1.516191 5.823516 0.613698  54 1 0 -1.451993 5.749229 -1.139315  55 1 0 1.774855 -4.986860 0.362721  56 1 0 0.992243 -5.048934 -1.207924 |
| TM\_NP\_model\_scan\_m\_50\_p\_150 | 1 6 0 1.379132 0.461925 -0.518552  2 6 0 0.595120 1.615087 -0.417071  3 6 0 -0.774635 1.592042 -0.139638  4 6 0 -1.413452 0.352921 0.098887  5 6 0 -0.638334 -0.803163 -0.003971  6 6 0 0.723744 -0.779792 -0.314720  7 6 0 -2.816769 0.248703 0.594027  8 6 0 -3.196789 0.986183 1.701271  9 6 0 -4.495555 0.896951 2.243995  10 6 0 -5.428942 0.073918 1.667774  11 6 0 -5.108853 -0.675696 0.507494  12 6 0 -3.792980 -0.582000 -0.055299  13 6 0 -3.533075 -1.290390 -1.260274  14 6 0 -4.496831 -2.072798 -1.849883  15 6 0 -5.779588 -2.191454 -1.271023  16 6 0 -6.076190 -1.502392 -0.121972  17 6 0 2.859758 0.630603 -0.639752  18 6 0 3.808415 -0.063222 0.199430  19 6 0 5.209998 0.197967 0.023101  20 6 0 5.633148 1.196984 -0.887699  21 6 0 4.708245 1.945368 -1.568570  22 6 0 3.335198 1.671113 -1.424243  23 6 0 3.440039 -0.933373 1.263189  24 6 0 4.383090 -1.573075 2.031575  25 6 0 5.760521 -1.382806 1.788128  26 6 0 6.158656 -0.505721 0.812085  27 6 0 -1.523823 2.867265 -0.167263  28 7 0 -0.941581 3.996212 -0.189330  29 6 0 -1.764180 5.186198 -0.268837  30 6 0 1.397007 -2.069018 -0.596768  31 7 0 0.878643 -3.187573 -0.294005  32 6 0 1.592931 -4.392986 -0.662664  33 1 0 1.047380 2.591989 -0.526180  34 1 0 -1.085872 -1.774738 0.163598  35 1 0 -2.463020 1.613105 2.194707  36 1 0 -4.743760 1.475354 3.126714  37 1 0 -6.426722 -0.009092 2.085595  38 1 0 -2.560557 -1.201591 -1.725615  39 1 0 -4.272492 -2.599859 -2.770418  40 1 0 -6.528879 -2.817378 -1.742380  41 1 0 -7.064156 -1.571967 0.321295  42 1 0 6.695482 1.380395 -1.008569  43 1 0 5.024303 2.741722 -2.232666  44 1 0 2.631171 2.244816 -2.015120  45 1 0 2.395049 -1.076966 1.495485  46 1 0 4.063934 -2.219780 2.841127  47 1 0 6.495224 -1.905341 2.390167  48 1 0 7.212865 -0.313287 0.641900  49 1 0 -2.617436 2.785642 -0.194818  50 1 0 -2.844601 4.978246 -0.293347  51 1 0 2.360810 -2.004777 -1.117471  52 1 0 2.543885 -4.203690 -1.182683  53 1 0 -1.545946 5.832835 0.586950  54 1 0 -1.492599 5.751519 -1.166162  55 1 0 1.793128 -4.981489 0.238292  56 1 0 0.953324 -5.008199 -1.303597 |
| TM\_NP\_model\_scan\_m\_50\_p\_160 | 1 6 0 1.385566 0.487824 -0.545979  2 6 0 0.585403 1.633205 -0.451201  3 6 0 -0.783254 1.603622 -0.172688  4 6 0 -1.413083 0.364639 0.087238  5 6 0 -0.628792 -0.784758 -0.009875  6 6 0 0.731432 -0.754554 -0.327504  7 6 0 -2.811719 0.256655 0.593639  8 6 0 -3.188460 1.006208 1.693968  9 6 0 -4.481650 0.913630 2.249160  10 6 0 -5.412760 0.074505 1.692759  11 6 0 -5.096265 -0.688487 0.540257  12 6 0 -3.786287 -0.591296 -0.035549  13 6 0 -3.530828 -1.314127 -1.232856  14 6 0 -4.492722 -2.113340 -1.802622  15 6 0 -5.769138 -2.235194 -1.210565  16 6 0 -6.061721 -1.532537 -0.068752  17 6 0 2.870347 0.676749 -0.606734  18 6 0 3.809381 -0.087521 0.187972  19 6 0 5.213736 0.194011 0.063700  20 6 0 5.649398 1.291930 -0.716744  21 6 0 4.730738 2.117348 -1.310606  22 6 0 3.358721 1.817766 -1.230140  23 6 0 3.434561 -1.040446 1.176591  24 6 0 4.369352 -1.747215 1.894965  25 6 0 5.749053 -1.547611 1.675894  26 6 0 6.155175 -0.584292 0.789113  27 6 0 -1.540427 2.874000 -0.213077  28 7 0 -0.965918 4.006328 -0.254057  29 6 0 -1.796635 5.189871 -0.344827  30 6 0 1.389704 -2.044001 -0.649408  31 7 0 0.871369 -3.165649 -0.358977  32 6 0 1.565934 -4.366939 -0.775652  33 1 0 1.021324 2.616976 -0.558102  34 1 0 -1.067415 -1.759515 0.162578  35 1 0 -2.455750 1.645786 2.172518  36 1 0 -4.727160 1.502107 3.125951  37 1 0 -6.406037 -0.011381 2.120608  38 1 0 -2.563439 -1.223209 -1.708369  39 1 0 -4.271894 -2.651332 -2.717660  40 1 0 -6.516923 -2.874358 -1.666289  41 1 0 -7.045037 -1.604566 0.384356  42 1 0 6.712829 1.489772 -0.798128  43 1 0 5.050723 2.993983 -1.862084  44 1 0 2.671270 2.453909 -1.773309  45 1 0 2.390055 -1.193463 1.400739  46 1 0 4.040228 -2.453281 2.649039  47 1 0 6.477653 -2.125827 2.232695  48 1 0 7.210542 -0.375121 0.648522  49 1 0 -2.633635 2.784924 -0.232869  50 1 0 -2.875778 4.974624 -0.358906  51 1 0 2.338966 -1.974305 -1.195577  52 1 0 2.505096 -4.171906 -1.314654  53 1 0 -1.576831 5.850081 0.500113  54 1 0 -1.534952 5.743967 -1.252042  55 1 0 1.784040 -4.979686 0.104765  56 1 0 0.905405 -4.960799 -1.415519 |
| TM\_NP\_model\_scan\_m\_60\_m\_0 | 1 6 0 1.406608 0.465671 0.015276  2 6 0 0.906443 -0.844314 -0.072780  3 6 0 -0.447331 -1.173457 -0.203207  4 6 0 -1.395225 -0.144609 -0.361524  5 6 0 -0.921600 1.166975 -0.331339  6 6 0 0.423990 1.491252 -0.156825  7 6 0 -2.836181 -0.396321 -0.659010  8 6 0 -3.178359 -1.072345 -1.815152  9 6 0 -4.525508 -1.299797 -2.168138  10 6 0 -5.536555 -0.854812 -1.354967  11 6 0 -5.242523 -0.174853 -0.145792  12 6 0 -3.875510 0.055265 0.220282  13 6 0 -3.613419 0.697587 1.461034  14 6 0 -4.638040 1.112215 2.277452  15 6 0 -5.984150 0.905716 1.901571  16 6 0 -6.275430 0.273087 0.718917  17 6 0 2.870577 0.663651 -0.243552  18 6 0 3.879404 -0.279095 0.217425  19 6 0 5.253819 -0.053509 -0.136836  20 6 0 5.633488 1.155773 -0.770565  21 6 0 4.697865 2.127290 -0.998464  22 6 0 3.340544 1.886023 -0.706289  23 6 0 3.626284 -1.378066 1.086536  24 6 0 4.617544 -2.254734 1.462245  25 6 0 5.937868 -2.094408 0.996136  26 6 0 6.245877 -1.001539 0.227502  27 6 0 -0.841907 -2.598363 -0.165010  28 7 0 0.011460 -3.539009 -0.142134  29 6 0 -0.475088 -4.901786 -0.075209  30 6 0 0.710212 2.927630 0.084843  31 7 0 0.006893 3.860206 -0.412995  32 6 0 0.309489 5.223838 -0.025911  33 1 0 1.578906 -1.686559 -0.104373  34 1 0 -1.611691 1.993316 -0.447530  35 1 0 -2.392295 -1.407957 -2.482170  36 1 0 -4.752981 -1.820622 -3.091337  37 1 0 -6.574779 -1.019420 -1.623372  38 1 0 -2.586915 0.853797 1.766290  39 1 0 -4.412921 1.598106 3.220209  40 1 0 -6.783226 1.241585 2.552797  41 1 0 -7.306217 0.100048 0.427526  42 1 0 6.675624 1.309846 -1.029113  43 1 0 4.982336 3.079023 -1.432464  44 1 0 2.636813 2.639972 -1.025579  45 1 0 2.641612 -1.516169 1.504924  46 1 0 4.378528 -3.070327 2.135358  47 1 0 6.705960 -2.806035 1.276776  48 1 0 7.267566 -0.821878 -0.090584  49 1 0 -1.919652 -2.800787 -0.138213  50 1 0 -1.572559 -4.980566 -0.051942  51 1 0 1.535146 3.139847 0.779381  52 1 0 1.155473 5.309889 0.673345  53 1 0 -0.096956 -5.461326 -0.936638  54 1 0 -0.066141 -5.386542 0.817077  55 1 0 0.527368 5.813398 -0.921979  56 1 0 -0.576580 5.671184 0.435609 |
| TM\_NP\_model\_scan\_m\_60\_m\_10 | 1 6 0 1.408216 0.412813 -0.070816  2 6 0 0.893494 -0.889799 -0.154599  3 6 0 -0.468057 -1.191587 -0.263893  4 6 0 -1.400181 -0.140955 -0.383266  5 6 0 -0.907425 1.162965 -0.339393  6 6 0 0.448212 1.461314 -0.192829  7 6 0 -2.851098 -0.364638 -0.655473  8 6 0 -3.226598 -1.013848 -1.816636  9 6 0 -4.583826 -1.212046 -2.147878  10 6 0 -5.571563 -0.764462 -1.307935  11 6 0 -5.243143 -0.111857 -0.092513  12 6 0 -3.865718 0.088162 0.251594  13 6 0 -3.569307 0.703083 1.498509  14 6 0 -4.571103 1.119661 2.341810  15 6 0 -5.927388 0.943041 1.987951  16 6 0 -6.251714 0.337662 0.799640  17 6 0 2.871681 0.601124 -0.318609  18 6 0 3.873368 -0.290997 0.235075  19 6 0 5.255366 -0.070875 -0.088978  20 6 0 5.634991 1.079388 -0.824929  21 6 0 4.691069 1.999977 -1.192301  22 6 0 3.329225 1.768097 -0.914680  23 6 0 3.592934 -1.339110 1.156126  24 6 0 4.579462 -2.170568 1.632290  25 6 0 5.918682 -2.009659 1.221465  26 6 0 6.245046 -0.969062 0.390039  27 6 0 -0.890544 -2.608717 -0.237681  28 7 0 -0.056031 -3.566172 -0.257425  29 6 0 -0.567670 -4.920014 -0.196448  30 6 0 0.787792 2.884905 0.047457  31 7 0 0.061874 3.840619 -0.367654  32 6 0 0.432914 5.190974 0.005309  33 1 0 1.558989 -1.739084 -0.193219  34 1 0 -1.587384 2.001587 -0.423604  35 1 0 -2.459032 -1.350405 -2.504410  36 1 0 -4.837628 -1.712092 -3.075696  37 1 0 -6.617347 -0.906217 -1.559534  38 1 0 -2.534692 0.836882 1.786503  39 1 0 -4.319956 1.584226 3.288727  40 1 0 -6.708200 1.280257 2.660300  41 1 0 -7.290626 0.187705 0.524781  42 1 0 6.683022 1.229669 -1.061137  43 1 0 4.975993 2.902447 -1.720984  44 1 0 2.615542 2.470468 -1.321568  45 1 0 2.587155 -1.472894 1.524229  46 1 0 4.323090 -2.950813 2.340041  47 1 0 6.684965 -2.683917 1.586707  48 1 0 7.277054 -0.796527 0.102777  49 1 0 -1.970900 -2.790001 -0.180824  50 1 0 -1.665335 -4.977669 -0.141419  51 1 0 1.682312 3.067413 0.658501  52 1 0 1.345882 5.247962 0.617802  53 1 0 -0.226491 -5.473390 -1.077075  54 1 0 -0.142093 -5.426508 0.675772  55 1 0 0.574480 5.789487 -0.900109  56 1 0 -0.392413 5.650450 0.558539 |
| TM\_NP\_model\_scan\_m\_60\_m\_20 | 1 6 0 1.408504 0.362838 -0.155190  2 6 0 0.878540 -0.931581 -0.235138  3 6 0 -0.489954 -1.205951 -0.324633  4 6 0 -1.404478 -0.134444 -0.405811  5 6 0 -0.891190 1.160942 -0.350385  6 6 0 0.473402 1.433227 -0.230366  7 6 0 -2.864543 -0.329891 -0.651350  8 6 0 -3.274319 -0.952586 -1.815330  9 6 0 -4.641085 -1.122872 -2.121991  10 6 0 -5.603973 -0.674045 -1.254365  11 6 0 -5.240143 -0.048764 -0.034610  12 6 0 -3.852872 0.122932 0.284426  13 6 0 -3.521086 0.710379 1.535638  14 6 0 -4.498543 1.126979 2.407064  15 6 0 -5.864447 0.978215 2.078426  16 6 0 -6.222792 0.400265 0.886219  17 6 0 2.874566 0.541087 -0.378400  18 6 0 3.861719 -0.302472 0.259422  19 6 0 5.250716 -0.093715 -0.038083  20 6 0 5.640051 0.989484 -0.865383  21 6 0 4.698687 1.855066 -1.355727  22 6 0 3.331259 1.638570 -1.092761  23 6 0 3.550191 -1.295909 1.229011  24 6 0 4.525051 -2.081877 1.796790  25 6 0 5.879170 -1.924925 1.433710  26 6 0 6.229433 -0.941625 0.543940  27 6 0 -0.940217 -2.614574 -0.309766  28 7 0 -0.125878 -3.587557 -0.371083  29 6 0 -0.662563 -4.931968 -0.316510  30 6 0 0.862809 2.844805 -0.002843  31 7 0 0.128980 3.819381 -0.356054  32 6 0 0.560365 5.158868 -0.010513  33 1 0 1.535769 -1.788480 -0.278503  34 1 0 -1.559606 2.011181 -0.406383  35 1 0 -2.526479 -1.289677 -2.524270  36 1 0 -4.921952 -1.602382 -3.052848  37 1 0 -6.656877 -0.794218 -1.486797  38 1 0 -2.478743 0.823146 1.804086  39 1 0 -4.220515 1.570106 3.356743  40 1 0 -6.625779 1.315021 2.772960  41 1 0 -7.269410 0.271842 0.630338  42 1 0 6.693480 1.131778 -1.081852  43 1 0 4.992684 2.701134 -1.966414  44 1 0 2.615123 2.292832 -1.571858  45 1 0 2.527555 -1.423341 1.552111  46 1 0 4.249192 -2.823379 2.538090  47 1 0 6.637227 -2.561489 1.875763  48 1 0 7.270427 -0.780092 0.283946  49 1 0 -2.021855 -2.775800 -0.223732  50 1 0 -1.759097 -4.969037 -0.230154  51 1 0 1.807326 3.002749 0.534640  52 1 0 1.520419 5.192062 0.527002  53 1 0 -0.358251 -5.477387 -1.215426  54 1 0 -0.221976 -5.460895 0.534695  55 1 0 0.643282 5.757682 -0.923003  56 1 0 -0.207208 5.635127 0.607872 |
| TM\_NP\_model\_scan\_m\_60\_m\_30 | 1 6 0 1.408516 0.315123 -0.237985  2 6 0 0.863732 -0.971238 -0.309844  3 6 0 -0.510881 -1.219952 -0.377475  4 6 0 -1.407528 -0.129958 -0.426532  5 6 0 -0.874320 1.156905 -0.363283  6 6 0 0.497722 1.404570 -0.268663  7 6 0 -2.875153 -0.299551 -0.646534  8 6 0 -3.315867 -0.900359 -1.810660  9 6 0 -4.690419 -1.045177 -2.094556  10 6 0 -5.630214 -0.592280 -1.204034  11 6 0 -5.234481 0.011374 0.016682  12 6 0 -3.839088 0.156976 0.312676  13 6 0 -3.475630 0.723379 1.564787  14 6 0 -4.430534 1.144230 2.458887  15 6 0 -5.804313 1.021053 2.153331  16 6 0 -6.193141 0.464073 0.960715  17 6 0 2.878234 0.482823 -0.433788  18 6 0 3.847115 -0.308267 0.284833  19 6 0 5.242164 -0.118098 0.006935  20 6 0 5.647009 0.885212 -0.909160  21 6 0 4.715017 1.689714 -1.510870  22 6 0 3.341921 1.494869 -1.259036  23 6 0 3.504074 -1.235938 1.306899  24 6 0 4.463393 -1.972251 1.960610  25 6 0 5.828922 -1.826021 1.635143  26 6 0 6.205105 -0.910641 0.685133  27 6 0 -0.987486 -2.619774 -0.365158  28 7 0 -0.193651 -3.607074 -0.458973  29 6 0 -0.754331 -4.941616 -0.401863  30 6 0 0.932903 2.804428 -0.060168  31 7 0 0.196227 3.796020 -0.355951  32 6 0 0.683480 5.124546 -0.044446  33 1 0 1.512133 -1.835864 -0.354829  34 1 0 -1.530827 2.017657 -0.395044  35 1 0 -2.586303 -1.240292 -2.537097  36 1 0 -4.995640 -1.508256 -3.026070  37 1 0 -6.688933 -0.692688 -1.418778  38 1 0 -2.426951 0.816756 1.815384  39 1 0 -4.128468 1.571140 3.408656  40 1 0 -6.547600 1.360933 2.865689  41 1 0 -7.246100 0.355457 0.722244  42 1 0 6.705092 1.014187 -1.110920  43 1 0 5.022640 2.470045 -2.197675  44 1 0 2.628585 2.101405 -1.802772  45 1 0 2.468403 -1.352025 1.592952  46 1 0 4.167843 -2.666291 2.739356  47 1 0 6.575071 -2.421329 2.149152  48 1 0 7.253482 -0.764843 0.446387  49 1 0 -2.069247 -2.761932 -0.250957  50 1 0 -1.848586 -4.958725 -0.285696  51 1 0 1.918848 2.939558 0.403151  52 1 0 1.681240 5.134377 0.420348  53 1 0 -0.485210 -5.484113 -1.313686  54 1 0 -0.300825 -5.486824 0.432118  55 1 0 0.712728 5.721773 -0.961300  56 1 0 -0.024926 5.618337 0.628410 |
| TM\_NP\_model\_scan\_m\_60\_m\_40 | 1 6 0 1.409306 0.263906 -0.327143  2 6 0 0.846986 -1.013692 -0.381675  3 6 0 -0.533165 -1.235879 -0.426107  4 6 0 -1.409718 -0.127635 -0.450637  5 6 0 -0.854209 1.149850 -0.392243  6 6 0 0.524706 1.371796 -0.327179  7 6 0 -2.884545 -0.270657 -0.640916  8 6 0 -3.359666 -0.857492 -1.798547  9 6 0 -4.742096 -0.977611 -2.054241  10 6 0 -5.655265 -0.514319 -1.141635  11 6 0 -5.223899 0.075201 0.073888  12 6 0 -3.820314 0.196179 0.340974  13 6 0 -3.421174 0.748913 1.588325  14 6 0 -4.349872 1.179421 2.505123  15 6 0 -5.731666 1.080281 2.228297  16 6 0 -6.154762 0.537382 1.040890  17 6 0 2.883897 0.411864 -0.498444  18 6 0 3.826822 -0.308160 0.315872  19 6 0 5.229194 -0.149647 0.058388  20 6 0 5.659986 0.742959 -0.955552  21 6 0 4.746648 1.468633 -1.675827  22 6 0 3.366404 1.308182 -1.436893  23 6 0 3.444315 -1.139398 1.404156  24 6 0 4.379787 -1.809045 2.156159  25 6 0 5.756423 -1.686296 1.867223  26 6 0 6.167270 -0.868309 0.845116  27 6 0 -1.036898 -2.625917 -0.408940  28 7 0 -0.266045 -3.627584 -0.536509  29 6 0 -0.851205 -4.951198 -0.471373  30 6 0 1.004001 2.760669 -0.151077  31 7 0 0.265747 3.767604 -0.385148  32 6 0 0.806724 5.085563 -0.121645  33 1 0 1.484502 -1.887476 -0.422421  34 1 0 -1.496646 2.021644 -0.406964  35 1 0 -2.651268 -1.205810 -2.541785  36 1 0 -5.074570 -1.430218 -2.981575  37 1 0 -6.719807 -0.595877 -1.334482  38 1 0 -2.365990 0.824027 1.816767  39 1 0 -4.020767 1.595541 3.450691  40 1 0 -6.454008 1.427418 2.958486  41 1 0 -7.214191 0.447329 0.824316  42 1 0 6.723393 0.849087 -1.142279  43 1 0 5.076030 2.159988 -2.443178  44 1 0 2.663512 1.855412 -2.053685  45 1 0 2.396546 -1.234340 1.654063  46 1 0 4.058123 -2.432278 2.982977  47 1 0 6.483939 -2.226593 2.462356  48 1 0 7.223522 -0.747778 0.627930  49 1 0 -2.117138 -2.748143 -0.261434  50 1 0 -1.940979 -4.947600 -0.317912  51 1 0 2.028314 2.875239 0.225467  52 1 0 1.839533 5.073975 0.258829  53 1 0 -0.624455 -5.490448 -1.396571  54 1 0 -0.380511 -5.512969 0.341806  55 1 0 0.773215 5.679018 -1.040810  56 1 0 0.167686 5.597438 0.605005 |
| TM\_NP\_model\_scan\_m\_60\_m\_50 | 1 6 0 1.410913 0.211573 -0.421220  2 6 0 0.830822 -1.057092 -0.453349  3 6 0 -0.553891 -1.254429 -0.470270  4 6 0 -1.410692 -0.129737 -0.478591  5 6 0 -0.833463 1.138529 -0.434382  6 6 0 0.550905 1.335821 -0.398600  7 6 0 -2.891646 -0.248818 -0.636095  8 6 0 -3.401644 -0.830746 -1.781270  9 6 0 -4.791120 -0.929203 -2.006199  10 6 0 -5.676424 -0.448390 -1.075371  11 6 0 -5.208929 0.137707 0.128352  12 6 0 -3.798017 0.236402 0.364336  13 6 0 -3.362848 0.786678 1.600673  14 6 0 -4.264116 1.235563 2.535837  15 6 0 -5.653061 1.158201 2.289595  16 6 0 -6.110771 0.618308 1.113736  17 6 0 2.891611 0.336435 -0.564311  18 6 0 3.800421 -0.298973 0.348497  19 6 0 5.211007 -0.180222 0.118352  20 6 0 5.678962 0.581362 -0.982340  21 6 0 4.793919 1.213647 -1.817682  22 6 0 3.405195 1.093597 -1.601804  23 6 0 3.371386 -1.015183 1.499188  24 6 0 4.274955 -1.608367 2.347852  25 6 0 5.662095 -1.517709 2.097779  26 6 0 6.115470 -0.814160 1.010319  27 6 0 -1.082536 -2.634634 -0.433469  28 7 0 -0.334122 -3.650760 -0.579289  29 6 0 -0.941179 -4.963028 -0.489916  30 6 0 1.069377 2.714433 -0.265563  31 7 0 0.334518 3.734836 -0.446536  32 6 0 0.922939 5.043287 -0.245285  33 1 0 1.456508 -1.940222 -0.487211  34 1 0 -1.461327 2.021006 -0.439125  35 1 0 -2.715524 -1.192993 -2.538638  36 1 0 -5.151147 -1.379251 -2.924451  37 1 0 -6.746134 -0.513252 -1.244500  38 1 0 -2.301859 0.845562 1.805667  39 1 0 -3.907610 1.649694 3.472300  40 1 0 -6.353522 1.519695 3.033998  41 1 0 -7.176009 0.544994 0.920577  42 1 0 6.748371 0.659674 -1.147397  43 1 0 5.153124 1.799960 -2.655865  44 1 0 2.721504 1.571589 -2.294008  45 1 0 2.313101 -1.085047 1.712305  46 1 0 3.920827 -2.146892 3.219682  47 1 0 6.364372 -1.995531 2.771516  48 1 0 7.179660 -0.724743 0.818215  49 1 0 -2.160107 -2.736484 -0.254127  50 1 0 -2.025463 -4.938755 -0.303054  51 1 0 2.123563 2.810246 0.022720  52 1 0 1.983257 5.013203 0.048286  53 1 0 -0.752866 -5.510355 -1.418993  54 1 0 -0.456012 -5.529823 0.311191  55 1 0 0.825539 5.627016 -1.166154  56 1 0 0.357176 5.577065 0.525031 |
| TM\_NP\_model\_scan\_m\_60\_m\_60 | 1 6 0 -1.412136 -0.128717 -0.510819  2 6 0 -0.808742 1.127749 -0.490562  3 6 0 0.580417 1.294567 -0.477356  4 6 0 1.412438 0.151176 -0.499782  5 6 0 0.808566 -1.105444 -0.501720  6 6 0 -0.580609 -1.272289 -0.499211  7 6 0 2.898591 0.242692 -0.624876  8 6 0 3.443744 0.844448 -1.743310  9 6 0 4.839243 0.918257 -1.938706  10 6 0 5.695349 0.391509 -1.005421  11 6 0 5.191440 -0.217968 0.171668  12 6 0 3.774348 -0.290837 0.378152  13 6 0 3.303082 -0.866204 1.589557  14 6 0 4.175676 -1.363032 2.527673  15 6 0 5.570496 -1.311071 2.309680  16 6 0 6.062970 -0.747790 1.159122  17 6 0 -2.898307 -0.218520 -0.640170  18 6 0 -3.774354 0.275970 0.382003  19 6 0 -5.191423 0.205635 0.174785  20 6 0 -5.694462 -0.360867 -1.024008  21 6 0 -4.837630 -0.848948 -1.977439  22 6 0 -3.442052 -0.778756 -1.780360  23 6 0 -3.302725 0.810038 1.611974  24 6 0 -4.175579 1.268744 2.569062  25 6 0 -5.570650 1.217865 2.352149  26 6 0 -6.063187 0.695122 1.182572  27 6 0 1.138542 2.660742 -0.391266  28 7 0 0.417097 3.696904 -0.532139  29 6 0 1.049836 4.992610 -0.393162  30 6 0 -1.140258 -2.639138 -0.438450  31 7 0 -0.416369 -3.673913 -0.576918  32 6 0 -1.051965 -4.970837 -0.465118  33 1 0 -1.418128 2.023123 -0.497892  34 1 0 1.417532 -2.000913 -0.520024  35 1 0 2.780905 1.242880 -2.503260  36 1 0 5.226963 1.385798 -2.836726  37 1 0 6.769348 0.437125 -1.152119  38 1 0 2.237315 -0.906558 1.772972  39 1 0 3.791767 -1.795917 3.444605  40 1 0 6.248054 -1.710485 3.055901  41 1 0 7.133132 -0.693701 0.988090  42 1 0 -6.768457 -0.404565 -1.171372  43 1 0 -5.224851 -1.283572 -2.892062  44 1 0 -2.778354 -1.147993 -2.554204  45 1 0 -2.236547 0.849266 1.793720  46 1 0 -3.791824 1.670613 3.500082  47 1 0 -6.248388 1.586617 3.113827  48 1 0 -7.133460 0.643046 1.011617  49 1 0 2.212738 2.733207 -0.180255  50 1 0 2.127635 4.939744 -0.176923  51 1 0 -2.218340 -2.713666 -0.249017  52 1 0 -2.133786 -4.919898 -0.269540  53 1 0 0.899698 5.566511 -1.313127  54 1 0 0.554518 5.550309 0.408105  55 1 0 -0.883887 -5.534396 -1.388363  56 1 0 -0.572635 -5.537764 0.339399 |
| TM\_NP\_model\_scan\_m\_60\_m\_70 | 1 6 0 -1.412671 -0.009276 -0.590534  2 6 0 -0.779882 1.227455 -0.489932  3 6 0 0.613337 1.355007 -0.446369  4 6 0 1.414875 0.191794 -0.517300  5 6 0 0.779031 -1.046285 -0.600402  6 6 0 -0.614092 -1.174020 -0.629614  7 6 0 2.905234 0.250085 -0.609799  8 6 0 3.487860 0.897959 -1.682718  9 6 0 4.888397 0.944858 -1.848166  10 6 0 5.711944 0.343685 -0.930700  11 6 0 5.169081 -0.317532 0.200247  12 6 0 3.746797 -0.362710 0.376880  13 6 0 3.237000 -0.992941 1.544646  14 6 0 4.077756 -1.567386 2.467401  15 6 0 5.477389 -1.542310 2.277300  16 6 0 6.006961 -0.927288 1.170536  17 6 0 -2.904098 -0.054980 -0.705051  18 6 0 -3.745549 0.236088 0.417244  19 6 0 -5.168147 0.217480 0.241529  20 6 0 -5.708589 -0.093102 -1.032453  21 6 0 -4.882654 -0.378633 -2.089774  22 6 0 -3.480851 -0.359577 -1.921954  23 6 0 -3.230811 0.525476 1.710027  24 6 0 -4.070312 0.796000 2.763656  25 6 0 -5.471827 0.790335 2.584190  26 6 0 -6.004671 0.505370 1.351605  27 6 0 1.206169 2.698051 -0.273725  28 7 0 0.516048 3.760132 -0.372425  29 6 0 1.179546 5.028103 -0.147737  30 6 0 -1.217558 -2.522116 -0.675339  31 7 0 -0.516758 -3.573480 -0.806638  32 6 0 -1.198566 -4.851494 -0.816446  33 1 0 -1.367309 2.136516 -0.447191  34 1 0 1.364372 -1.955468 -0.661908  35 1 0 2.850882 1.355948 -2.431146  36 1 0 5.305676 1.451111 -2.711280  37 1 0 6.789456 0.368356 -1.054879  38 1 0 2.167279 -1.013974 1.707049  39 1 0 3.664820 -2.041457 3.350730  40 1 0 6.129371 -2.003220 3.010750  41 1 0 7.081278 -0.893252 1.021917  42 1 0 -6.786530 -0.101820 -1.155422  43 1 0 -5.299242 -0.614462 -3.062526  44 1 0 -2.840673 -0.573520 -2.770631  45 1 0 -2.158578 0.530226 1.859127  46 1 0 -3.655820 1.014350 3.741441  47 1 0 -6.123116 1.008098 3.423171  48 1 0 -7.080077 0.493625 1.207314  49 1 0 2.276855 2.728316 -0.036407  50 1 0 2.251176 4.933925 0.084617  51 1 0 -2.309614 -2.567462 -0.577866  52 1 0 -2.290476 -4.773248 -0.703629  53 1 0 1.062323 5.657530 -1.035594  54 1 0 0.683225 5.552068 0.675419  55 1 0 -0.974488 -5.371074 -1.753553  56 1 0 -0.802410 -5.476257 -0.009556 |
| TM\_NP\_model\_scan\_m\_60\_m\_80 | 1 6 0 -1.410069 0.150941 -0.617083  2 6 0 -0.739796 1.351980 -0.403998  3 6 0 0.657098 1.428250 -0.342159  4 6 0 1.420147 0.249232 -0.508756  5 6 0 0.745206 -0.955088 -0.705883  6 6 0 -0.650860 -1.031608 -0.757184  7 6 0 2.912429 0.266343 -0.589487  8 6 0 3.522779 0.984025 -1.600720  9 6 0 4.925333 1.001623 -1.754229  10 6 0 5.723131 0.302362 -0.884900  11 6 0 5.151655 -0.433757 0.184072  12 6 0 3.727123 -0.452108 0.347134  13 6 0 3.189102 -1.162721 1.454578  14 6 0 4.005197 -1.834544 2.332628  15 6 0 5.406733 -1.833047 2.155276  16 6 0 5.963358 -1.144627 1.106471  17 6 0 -2.904418 0.162156 -0.723721  18 6 0 -3.728907 0.174708 0.446496  19 6 0 -5.153137 0.217539 0.292355  20 6 0 -5.711153 0.244829 -1.011502  21 6 0 -4.900349 0.228084 -2.117797  22 6 0 -3.496169 0.185689 -1.970046  23 6 0 -3.192914 0.136620 1.762112  24 6 0 -4.015606 0.146250 2.862675  25 6 0 -5.419394 0.194639 2.708233  26 6 0 -5.971810 0.228959 1.451789  27 6 0 1.292848 2.729757 -0.048038  28 7 0 0.638659 3.818898 -0.051741  29 6 0 1.343629 5.037764 0.288915  30 6 0 -1.303561 -2.342907 -0.949632  31 7 0 -0.639345 -3.411248 -1.125348  32 6 0 -1.370855 -4.650330 -1.292140  33 1 0 -1.298555 2.271401 -0.278926  34 1 0 1.301253 -1.873724 -0.847157  35 1 0 2.905758 1.522864 -2.311019  36 1 0 5.364499 1.565200 -2.569645  37 1 0 6.801934 0.305283 -1.000027  38 1 0 2.117643 -1.167632 1.606557  39 1 0 3.571295 -2.368270 3.170734  40 1 0 6.038914 -2.370703 2.852943  41 1 0 7.039537 -1.128763 0.968724  42 1 0 -6.790338 0.279141 -1.118060  43 1 0 -5.330402 0.250677 -3.112769  44 1 0 -2.867321 0.180165 -2.853416  45 1 0 -2.118186 0.102216 1.889595  46 1 0 -3.586611 0.117316 3.858006  47 1 0 -6.057259 0.203833 3.584916  48 1 0 -7.049052 0.264194 1.326129  49 1 0 2.362805 2.703427 0.193089  50 1 0 2.410339 4.885677 0.513116  51 1 0 -2.400761 -2.344388 -0.926174  52 1 0 -2.463810 -4.530088 -1.247266  53 1 0 1.252045 5.749542 -0.537665  54 1 0 0.861864 5.500820 1.156052  55 1 0 -1.101823 -5.099502 -2.253459  56 1 0 -1.059596 -5.358299 -0.517393 |
| TM\_NP\_model\_scan\_m\_60\_m\_90 | 1 6 0 -1.402272 0.333482 -0.597292  2 6 0 -0.694887 1.484836 -0.266047  3 6 0 0.704189 1.510358 -0.199633  4 6 0 1.429630 0.331359 -0.487372  5 6 0 0.716952 -0.823732 -0.809642  6 6 0 -0.680261 -0.850384 -0.865654  7 6 0 2.922217 0.304950 -0.559501  8 6 0 3.567737 1.103128 -1.484810  9 6 0 4.971306 1.082978 -1.629338  10 6 0 5.734637 0.262670 -0.838272  11 6 0 5.126956 -0.561704 0.142500  12 6 0 3.701568 -0.541420 0.297397  13 6 0 3.128013 -1.345649 1.319616  14 6 0 3.910324 -2.140471 2.122414  15 6 0 5.312143 -2.175401 1.951104  16 6 0 5.903157 -1.400059 0.985122  17 6 0 -2.897379 0.396419 -0.680045  18 6 0 -3.713157 0.099742 0.458248  19 6 0 -5.138108 0.187917 0.333925  20 6 0 -5.705195 0.569782 -0.909077  21 6 0 -4.902282 0.853595 -1.984284  22 6 0 -3.497044 0.765186 -1.866338  23 6 0 -3.166676 -0.282566 1.712952  24 6 0 -3.980646 -0.564015 2.783769  25 6 0 -5.385543 -0.477632 2.658585  26 6 0 -5.947628 -0.109547 1.461171  27 6 0 1.379539 2.754240 0.225918  28 7 0 0.759654 3.858104 0.332684  29 6 0 1.500335 5.013972 0.795258  30 6 0 -1.374697 -2.107327 -1.212188  31 7 0 -0.746333 -3.184188 -1.454636  32 6 0 -1.517995 -4.366062 -1.780309  33 1 0 -1.224909 2.402214 -0.041336  34 1 0 1.244297 -1.738623 -1.050200  35 1 0 2.977771 1.739119 -2.135266  36 1 0 5.438504 1.714090 -2.376865  37 1 0 6.813612 0.235775 -0.948530  38 1 0 2.056063 -1.325084 1.466253  39 1 0 3.449236 -2.744429 2.895807  40 1 0 5.917566 -2.810143 2.588309  41 1 0 6.980198 -1.412040 0.853632  42 1 0 -6.784943 0.634697 -0.993431  43 1 0 -5.339383 1.147533 -2.931888  44 1 0 -2.874664 0.992112 -2.724702  45 1 0 -2.090818 -0.346090 1.818701  46 1 0 -3.543820 -0.852579 3.733236  47 1 0 -6.016522 -0.701492 3.511383  48 1 0 -7.025679 -0.039949 1.358953  49 1 0 2.447273 2.669805 0.463365  50 1 0 2.560264 4.806811 1.007153  51 1 0 -2.470677 -2.060177 -1.246344  52 1 0 -2.605462 -4.197975 -1.787090  53 1 0 1.436596 5.806765 0.043093  54 1 0 1.027461 5.404124 1.702221  55 1 0 -1.209270 -4.737528 -2.762627  56 1 0 -1.285564 -5.156231 -1.059233 |
| TM\_NP\_model\_scan\_m\_60\_m\_100 | 1 6 0 -1.394891 0.471948 -0.547333  2 6 0 -0.651419 1.577579 -0.146217  3 6 0 0.748443 1.559521 -0.091905  4 6 0 1.437346 0.382233 -0.462784  5 6 0 0.689159 -0.725440 -0.863392  6 6 0 -0.708100 -0.707681 -0.912634  7 6 0 2.928227 0.315500 -0.542618  8 6 0 3.597717 1.154699 -1.412904  9 6 0 5.000225 1.102264 -1.560393  10 6 0 5.738411 0.208764 -0.826744  11 6 0 5.105865 -0.660997 0.097475  12 6 0 3.681640 -0.608654 0.254955  13 6 0 3.083277 -1.461513 1.221888  14 6 0 3.840598 -2.331150 1.969141  15 6 0 5.240913 -2.396492 1.794324  16 6 0 5.855861 -1.576498 0.881602  17 6 0 -2.888067 0.580479 -0.593032  18 6 0 -3.703342 0.036780 0.451469  19 6 0 -5.127066 0.175147 0.365169  20 6 0 -5.694101 0.852449 -0.744921  21 6 0 -4.891910 1.374553 -1.727241  22 6 0 -3.488002 1.236690 -1.647987  23 6 0 -3.157536 -0.630886 1.580838  24 6 0 -3.970956 -1.143309 2.562816  25 6 0 -5.374986 -1.013742 2.470853  26 6 0 -5.936271 -0.367362 1.397428  27 6 0 1.461518 2.751997 0.412093  28 7 0 0.873566 3.862755 0.598397  29 6 0 1.648259 4.963480 1.133845  30 6 0 -1.437959 -1.908133 -1.369852  31 7 0 -0.844155 -2.994236 -1.654358  32 6 0 -1.646742 -4.113657 -2.102927  33 1 0 -1.153360 2.489761 0.151800  34 1 0 1.188646 -1.634095 -1.176287  35 1 0 3.027419 1.850270 -2.018380  36 1 0 5.486494 1.767621 -2.264824  37 1 0 6.816196 0.157451 -0.939927  38 1 0 2.012325 -1.418126 1.370687  39 1 0 3.360950 -2.970964 2.701305  40 1 0 5.826424 -3.090158 2.387164  41 1 0 6.932185 -1.611994 0.748517  42 1 0 -6.772993 0.952260 -0.801397  43 1 0 -5.328603 1.894330 -2.572538  44 1 0 -2.866580 1.650478 -2.434232  45 1 0 -2.082307 -0.727565 1.664791  46 1 0 -3.533956 -1.647773 3.417284  47 1 0 -6.005576 -1.422685 3.252271  48 1 0 -7.013472 -0.259753 1.323017  49 1 0 2.527693 2.621650 0.635137  50 1 0 2.704709 4.715688 1.317506  51 1 0 -2.527670 -1.809000 -1.454146  52 1 0 -2.724451 -3.896543 -2.149649  53 1 0 1.596795 5.810080 0.441820  54 1 0 1.194774 5.298152 2.072349  55 1 0 -1.303810 -4.426639 -3.094262  56 1 0 -1.484398 -4.963488 -1.432346 |
| TM\_NP\_model\_scan\_m\_60\_m\_110 | 1 6 0 -1.389894 0.547557 -0.511113  2 6 0 -0.622182 1.629148 -0.088483  3 6 0 0.777147 1.584337 -0.042453  4 6 0 1.442270 0.403495 -0.443480  5 6 0 0.671146 -0.679972 -0.866769  6 6 0 -0.725478 -0.635304 -0.909415  7 6 0 2.931073 0.311901 -0.534352  8 6 0 3.609421 1.158455 -1.390606  9 6 0 5.009776 1.085070 -1.549008  10 6 0 5.736974 0.162718 -0.840555  11 6 0 5.095288 -0.716817 0.068042  12 6 0 3.673240 -0.643402 0.236512  13 6 0 3.066158 -1.508025 1.187371  14 6 0 3.812914 -2.407842 1.909109  15 6 0 5.210750 -2.493267 1.723402  16 6 0 5.834152 -1.663039 0.825759  17 6 0 -2.879880 0.683949 -0.521488  18 6 0 -3.703418 -0.009125 0.425566  19 6 0 -5.123966 0.175453 0.375926  20 6 0 -5.680185 1.047876 -0.594608  21 6 0 -4.869978 1.720282 -1.473260  22 6 0 -3.470122 1.538670 -1.430830  23 6 0 -3.170594 -0.859217 1.432153  24 6 0 -3.992672 -1.505432 2.323906  25 6 0 -5.393887 -1.335919 2.260810  26 6 0 -5.942688 -0.511929 1.309750  27 6 0 1.514328 2.749505 0.490013  28 7 0 0.946974 3.864101 0.713628  29 6 0 1.744284 4.934192 1.277381  30 6 0 -1.474821 -1.801010 -1.422766  31 7 0 -0.904982 -2.899436 -1.708605  32 6 0 -1.721672 -3.977130 -2.228388  33 1 0 -1.105509 2.540550 0.240794  34 1 0 1.152306 -1.588316 -1.207974  35 1 0 3.047296 1.877136 -1.976411  36 1 0 5.502964 1.757543 -2.241772  37 1 0 6.812947 0.095308 -0.962254  38 1 0 1.997118 -1.449276 1.344443  39 1 0 3.326861 -3.056141 2.629490  40 1 0 5.787791 -3.210606 2.296026  41 1 0 6.908805 -1.714153 0.684523  42 1 0 -6.756822 1.178693 -0.624364  43 1 0 -5.297475 2.392724 -2.208400  44 1 0 -2.842773 2.070158 -2.137493  45 1 0 -2.097730 -0.988626 1.497705  46 1 0 -3.563858 -2.146720 3.085777  47 1 0 -6.031498 -1.852640 2.969262  48 1 0 -7.017175 -0.368535 1.261037  49 1 0 2.579525 2.594345 0.701539  50 1 0 2.798200 4.663606 1.442374  51 1 0 -2.555231 -1.661854 -1.554573  52 1 0 -2.788852 -3.723478 -2.314885  53 1 0 1.699998 5.804212 0.614561  54 1 0 1.305038 5.244218 2.231033  55 1 0 -1.344817 -4.268895 -3.213922  56 1 0 -1.615933 -4.852974 -1.580444 |
| TM\_NP\_model\_scan\_m\_60\_m\_120 | 1 6 0 -1.384932 0.607371 -0.485615  2 6 0 -0.593210 1.671544 -0.059150  3 6 0 0.805097 1.604940 -0.026484  4 6 0 1.447916 0.414889 -0.435951  5 6 0 0.655299 -0.650014 -0.866505  6 6 0 -0.740309 -0.580751 -0.904217  7 6 0 2.934326 0.296072 -0.531854  8 6 0 3.626805 1.134164 -1.385103  9 6 0 5.025390 1.035814 -1.545838  10 6 0 5.736738 0.097875 -0.841738  11 6 0 5.080479 -0.773175 0.064614  12 6 0 3.660114 -0.675239 0.234551  13 6 0 3.038557 -1.531844 1.183357  14 6 0 3.770051 -2.446340 1.902264  15 6 0 5.166078 -2.555572 1.715340  16 6 0 5.803241 -1.734229 0.819165  17 6 0 -2.870781 0.765605 -0.449464  18 6 0 -3.702440 -0.041275 0.398121  19 6 0 -5.118691 0.182871 0.396074  20 6 0 -5.662633 1.212277 -0.413813  21 6 0 -4.843683 2.000794 -1.180672  22 6 0 -3.450257 1.777841 -1.190607  23 6 0 -3.184691 -1.035608 1.272131  24 6 0 -4.015697 -1.787940 2.067077  25 6 0 -5.413635 -1.587067 2.037048  26 6 0 -5.947835 -0.619547 1.223336  27 6 0 1.564798 2.755694 0.505957  28 7 0 1.018047 3.879634 0.734084  29 6 0 1.836881 4.934543 1.295787  30 6 0 -1.503721 -1.718371 -1.460238  31 7 0 -0.957123 -2.832652 -1.729188  32 6 0 -1.781726 -3.876144 -2.303728  33 1 0 -1.057888 2.585145 0.289920  34 1 0 1.118981 -1.561897 -1.222071  35 1 0 3.077086 1.865388 -1.967142  36 1 0 5.529828 1.701888 -2.236684  37 1 0 6.811188 0.011633 -0.965016  38 1 0 1.970865 -1.454657 1.341704  39 1 0 3.273352 -3.087781 2.621526  40 1 0 5.730925 -3.284134 2.285961  41 1 0 6.876740 -1.803741 0.677048  42 1 0 -6.735832 1.371234 -0.406778  43 1 0 -5.259949 2.795633 -1.789158  44 1 0 -2.818309 2.399076 -1.815115  45 1 0 -2.114925 -1.192478 1.317407  46 1 0 -3.595182 -2.537693 2.727795  47 1 0 -6.059060 -2.190205 2.665595  48 1 0 -7.018902 -0.446397 1.205636  49 1 0 2.628175 2.581782 0.711834  50 1 0 2.886593 4.644986 1.455199  51 1 0 -2.570681 -1.541808 -1.645185  52 1 0 -2.834899 -3.586853 -2.436813  53 1 0 1.804907 5.806243 0.634456  54 1 0 1.407857 5.250778 2.252044  55 1 0 -1.367422 -4.166365 -3.274597  56 1 0 -1.735082 -4.763715 -1.664899 |
| TM\_NP\_model\_scan\_m\_60\_m\_130 | 1 6 0 1.382635 0.640323 0.485788  2 6 0 0.574711 1.697534 0.067494  3 6 0 -0.822187 1.617227 0.037677  4 6 0 -1.452065 0.415676 0.432818  5 6 0 -0.646395 -0.644106 0.851058  6 6 0 0.748261 -0.559494 0.890603  7 6 0 -2.936768 0.279738 0.529011  8 6 0 -3.636505 1.099880 1.393790  9 6 0 -5.033539 0.984198 1.556326  10 6 0 -5.736010 0.046516 0.842999  11 6 0 -5.072122 -0.806785 -0.074598  12 6 0 -3.653343 -0.691083 -0.246494  13 6 0 -3.024209 -1.530232 -1.205826  14 6 0 -3.747027 -2.445121 -1.932983  15 6 0 -5.141358 -2.571939 -1.744413  16 6 0 -5.785773 -1.767551 -0.838095  17 6 0 2.864560 0.810403 0.407593  18 6 0 3.705851 -0.064441 -0.363649  19 6 0 5.116705 0.192430 -0.406974  20 6 0 5.645229 1.324072 0.263902  21 6 0 4.814179 2.186988 0.930971  22 6 0 3.428787 1.931794 0.989612  23 6 0 3.206156 -1.149229 -1.135510  24 6 0 4.048234 -1.960154 -1.857943  25 6 0 5.442286 -1.733560 -1.855414  26 6 0 5.958988 -0.675986 -1.150351  27 6 0 -1.594348 2.765477 -0.482410  28 7 0 -1.060008 3.897922 -0.697417  29 6 0 -1.890235 4.950055 -1.247462  30 6 0 1.514816 -1.683174 1.472342  31 7 0 0.985861 -2.813669 1.705881  32 6 0 1.807579 -3.837373 2.319055  33 1 0 1.026425 2.616465 -0.283983  34 1 0 -1.099266 -1.563685 1.200573  35 1 0 -3.093625 1.830352 1.983157  36 1 0 -5.543721 1.636586 2.255961  37 1 0 -6.809136 -0.053164 0.967648  38 1 0 -1.957803 -1.439252 -1.365659  39 1 0 -3.244793 -3.073254 -2.660097  40 1 0 -5.699234 -3.300572 -2.321765  41 1 0 -6.858103 -1.850672 -0.694491  42 1 0 6.714379 1.503806 0.224026  43 1 0 5.215203 3.064859 1.424697  44 1 0 2.790732 2.611729 1.542507  45 1 0 2.140371 -1.330680 -1.166068  46 1 0 3.638024 -2.776269 -2.442090  47 1 0 6.096739 -2.385310 -2.423122  48 1 0 7.025627 -0.477028 -1.160615  49 1 0 -2.655643 2.582121 -0.690817  50 1 0 -2.936449 4.650467 -1.411276  51 1 0 2.565334 -1.479102 1.714611  52 1 0 2.844259 -3.520392 2.507019  53 1 0 -1.868849 5.814140 -0.575785  54 1 0 -1.464136 5.282477 -2.199512  55 1 0 1.351935 -4.142913 3.266410  56 1 0 1.818175 -4.722974 1.675924 |
| TM\_NP\_model\_scan\_m\_60\_m\_140 | 1 6 0 1.383103 0.672274 0.514904  2 6 0 0.560606 1.724870 0.107547  3 6 0 -0.834715 1.631964 0.073345  4 6 0 -1.454545 0.417271 0.442724  5 6 0 -0.638403 -0.639452 0.847056  6 6 0 0.754878 -0.540572 0.894658  7 6 0 -2.937864 0.262697 0.526446  8 6 0 -3.652580 1.059403 1.400915  9 6 0 -5.048969 0.923965 1.553213  10 6 0 -5.735622 -0.010621 0.820664  11 6 0 -5.055892 -0.840696 -0.106594  12 6 0 -3.637768 -0.704543 -0.268502  13 6 0 -2.992690 -1.520705 -1.237081  14 6 0 -3.699856 -2.433432 -1.982143  15 6 0 -5.093509 -2.580639 -1.803580  16 6 0 -5.753125 -1.798364 -0.888867  17 6 0 2.861156 0.845638 0.384772  18 6 0 3.700255 -0.081113 -0.332080  19 6 0 5.105618 0.193907 -0.434216  20 6 0 5.628354 1.398059 0.099616  21 6 0 4.793855 2.317179 0.681566  22 6 0 3.417676 2.042831 0.804885  23 6 0 3.205873 -1.227781 -1.013654  24 6 0 4.047108 -2.083046 -1.684201  25 6 0 5.438389 -1.844622 -1.718478  26 6 0 5.949337 -0.724746 -1.113382  27 6 0 -1.615650 2.780640 -0.432897  28 7 0 -1.092447 3.922426 -0.624475  29 6 0 -1.930391 4.974548 -1.162852  30 6 0 1.520848 -1.652985 1.500792  31 7 0 1.008018 -2.795941 1.706809  32 6 0 1.824225 -3.802288 2.355301  33 1 0 0.999394 2.650604 -0.241383  34 1 0 -1.082036 -1.568577 1.182849  35 1 0 -3.122185 1.786530 2.005590  36 1 0 -5.571152 1.558430 2.260432  37 1 0 -6.808092 -0.125683 0.937449  38 1 0 -1.926659 -1.413900 -1.389599  39 1 0 -3.185695 -3.044085 -2.715786  40 1 0 -5.638820 -3.307344 -2.395190  41 1 0 -6.825087 -1.897150 -0.752699  42 1 0 6.692918 1.589267 0.015805  43 1 0 5.185796 3.254120 1.060635  44 1 0 2.783890 2.768061 1.301851  45 1 0 2.142914 -1.422786 -1.023612  46 1 0 3.636433 -2.943469 -2.200492  47 1 0 6.093132 -2.533179 -2.240509  48 1 0 7.011960 -0.510314 -1.160845  49 1 0 -2.673253 2.589175 -0.652482  50 1 0 -2.971670 4.665815 -1.340465  51 1 0 2.554231 -1.425539 1.791788  52 1 0 2.841121 -3.459437 2.597933  53 1 0 -1.924539 5.826763 -0.475900  54 1 0 -1.500699 5.328594 -2.105436  55 1 0 1.329257 -4.126625 3.276254  56 1 0 1.891632 -4.682506 1.708218 |
| TM\_NP\_model\_scan\_m\_60\_p\_20 | 1 6 0 1.403483 0.355140 -0.163784  2 6 0 0.883103 -0.917602 0.109283  3 6 0 -0.473514 -1.239992 0.007574  4 6 0 -1.398606 -0.231712 -0.335899  5 6 0 -0.902906 1.050866 -0.568880  6 6 0 0.455178 1.366721 -0.486510  7 6 0 -2.849327 -0.507382 -0.554047  8 6 0 -3.226253 -1.390962 -1.547852  9 6 0 -4.583851 -1.652067 -1.830455  10 6 0 -5.570653 -1.027872 -1.110697  11 6 0 -5.241101 -0.126017 -0.067030  12 6 0 -3.863226 0.139599 0.228053  13 6 0 -3.565732 1.015187 1.307499  14 6 0 -4.567166 1.612140 2.034917  15 6 0 -5.923605 1.365297 1.727057  16 6 0 -6.249012 0.512823 0.701774  17 6 0 2.800904 0.653204 0.271373  18 6 0 3.894731 -0.265129 0.037000  19 6 0 5.203435 0.075725 0.519581  20 6 0 5.427119 1.339565 1.121336  21 6 0 4.406556 2.247901 1.215444  22 6 0 3.112448 1.907993 0.773620  23 6 0 3.775019 -1.470150 -0.709941  24 6 0 4.843306 -2.316610 -0.891547  25 6 0 6.105349 -2.013074 -0.339392  26 6 0 6.278284 -0.834113 0.339903  27 6 0 -0.910037 -2.607712 0.360327  28 7 0 -0.088220 -3.569219 0.478557  29 6 0 -0.605819 -4.864863 0.869632  30 6 0 0.859239 2.715753 -0.948473  31 7 0 0.066102 3.707457 -0.927043  32 6 0 0.529802 4.963313 -1.482431  33 1 0 1.529651 -1.699901 0.479708  34 1 0 -1.577047 1.844306 -0.866016  35 1 0 -2.459088 -1.873855 -2.142727  36 1 0 -4.838667 -2.341813 -2.627121  37 1 0 -6.616779 -1.217442 -1.327004  38 1 0 -2.531236 1.208787 1.559315  39 1 0 -4.315026 2.275944 2.854176  40 1 0 -6.703937 1.845480 2.306684  41 1 0 -7.288224 0.309222 0.465072  42 1 0 6.421758 1.580351 1.481264  43 1 0 4.577761 3.226804 1.648624  44 1 0 2.317047 2.619561 0.950012  45 1 0 2.831400 -1.721026 -1.171382  46 1 0 4.713896 -3.222065 -1.473591  47 1 0 6.936198 -2.696127 -0.475071  48 1 0 7.251898 -0.564780 0.735991  49 1 0 -1.985242 -2.745656 0.530026  50 1 0 -1.695810 -4.880364 1.020307  51 1 0 1.875008 2.800971 -1.357035  52 1 0 1.560813 4.925783 -1.866122  53 1 0 -0.341831 -5.603279 0.105889  54 1 0 -0.115819 -5.182489 1.795493  55 1 0 -0.138525 5.265411 -2.295047  56 1 0 0.463740 5.742687 -0.716651 |
| TM\_NP\_model\_scan\_m\_60\_p\_30 | 1 6 0 1.397327 0.324877 -0.068074  2 6 0 0.868939 -0.940739 0.211450  3 6 0 -0.489083 -1.249765 0.089266  4 6 0 -1.394307 -0.239670 -0.303548  5 6 0 -0.883012 1.032990 -0.555789  6 6 0 0.476036 1.338829 -0.443800  7 6 0 -2.841518 -0.508958 -0.553953  8 6 0 -3.198936 -1.413583 -1.535967  9 6 0 -4.550470 -1.671077 -1.849183  10 6 0 -5.551174 -1.021499 -1.172367  11 6 0 -5.242396 -0.096363 -0.142867  12 6 0 -3.870825 0.165500 0.183448  13 6 0 -3.595632 1.066321 1.247977  14 6 0 -4.611426 1.690026 1.931717  15 6 0 -5.960998 1.446299 1.592773  16 6 0 -6.265467 0.570261 0.581040  17 6 0 2.802600 0.617188 0.339400  18 6 0 3.896451 -0.265651 0.012471  19 6 0 5.216558 0.066344 0.467380  20 6 0 5.436374 1.281598 1.163539  21 6 0 4.400221 2.151384 1.381590  22 6 0 3.097542 1.823017 0.955370  23 6 0 3.755759 -1.429261 -0.793168  24 6 0 4.827634 -2.243081 -1.073731  25 6 0 6.110749 -1.943738 -0.568204  26 6 0 6.297262 -0.807440 0.177386  27 6 0 -0.950649 -2.603374 0.464061  28 7 0 -0.143335 -3.569353 0.634102  29 6 0 -0.686682 -4.848627 1.043470  30 6 0 0.916254 2.679348 -0.893588  31 7 0 0.123029 3.669800 -0.950189  32 6 0 0.631208 4.920643 -1.476825  33 1 0 1.509643 -1.723257 0.594348  34 1 0 -1.542898 1.824317 -0.888582  35 1 0 -2.420084 -1.917016 -2.097704  36 1 0 -4.789359 -2.378367 -2.635339  37 1 0 -6.592603 -1.208027 -1.412650  38 1 0 -2.566808 1.258262 1.523086  39 1 0 -4.376133 2.372892 2.740259  40 1 0 -6.752746 1.947733 2.137905  41 1 0 -7.299489 0.369225 0.320605  42 1 0 6.439392 1.516256 1.503810  43 1 0 4.568744 3.090011 1.897177  44 1 0 2.290329 2.500203 1.204313  45 1 0 2.790152 -1.672228 -1.212970  46 1 0 4.685868 -3.119431 -1.696072  47 1 0 6.945732 -2.599936 -0.786291  48 1 0 7.283861 -0.547433 0.546686  49 1 0 -2.031931 -2.725835 0.604368  50 1 0 -1.781008 -4.849491 1.159836  51 1 0 1.962665 2.762230 -1.214620  52 1 0 1.692070 4.881957 -1.767707  53 1 0 -0.406562 -5.610329 0.308906  54 1 0 -0.229400 -5.145534 1.992677  55 1 0 0.036297 5.211695 -2.348455  56 1 0 0.496365 5.708181 -0.728636 |
| TM\_NP\_model\_scan\_m\_60\_p\_40 | 1 6 0 1.391304 0.302499 0.022793  2 6 0 0.853829 -0.955934 0.306951  3 6 0 -0.504645 -1.253476 0.161320  4 6 0 -1.390052 -0.242224 -0.274594  5 6 0 -0.862776 1.020402 -0.543422  6 6 0 0.496679 1.316288 -0.404711  7 6 0 -2.833371 -0.504765 -0.555390  8 6 0 -3.174817 -1.426348 -1.527204  9 6 0 -4.520651 -1.679960 -1.867079  10 6 0 -5.531853 -1.010267 -1.226424  11 6 0 -5.240003 -0.067683 -0.207906  12 6 0 -3.874371 0.190941 0.144819  13 6 0 -3.617069 1.109939 1.198247  14 6 0 -4.643631 1.753078 1.846972  15 6 0 -5.986857 1.512129 1.481816  16 6 0 -6.274471 0.619474 0.479738  17 6 0 2.806281 0.584894 0.401095  18 6 0 3.892994 -0.263159 -0.013947  19 6 0 5.223147 0.049621 0.423250  20 6 0 5.449485 1.205937 1.211775  21 6 0 4.409150 2.035315 1.542428  22 6 0 3.097498 1.727192 1.127348  23 6 0 3.727989 -1.378122 -0.880906  24 6 0 4.795206 -2.161975 -1.249496  25 6 0 6.094652 -1.876639 -0.776999  26 6 0 6.300132 -0.789814 0.034828  27 6 0 -0.988985 -2.595648 0.548321  28 7 0 -0.195757 -3.565005 0.760206  29 6 0 -0.762373 -4.831804 1.176558  30 6 0 0.968584 2.649310 -0.841256  31 7 0 0.180130 3.636757 -0.971689  32 6 0 0.726244 4.884242 -1.466960  33 1 0 1.487219 -1.739350 0.701970  34 1 0 -1.508013 1.809736 -0.908304  35 1 0 -2.387040 -1.946649 -2.060406  36 1 0 -4.746657 -2.400754 -2.644740  37 1 0 -6.568807 -1.194005 -1.487325  38 1 0 -2.593361 1.299985 1.492985  39 1 0 -4.421945 2.449295 2.647948  40 1 0 -6.787211 2.028964 1.999303  41 1 0 -7.303705 0.420701 0.199359  42 1 0 6.460077 1.427111 1.538443  43 1 0 4.583101 2.925568 2.136148  44 1 0 2.286429 2.371607 1.444649  45 1 0 2.745200 -1.607158 -1.269064  46 1 0 4.638227 -3.003885 -1.914302  47 1 0 6.926618 -2.507761 -1.068451  48 1 0 7.297490 -0.546284 0.386001  49 1 0 -2.074920 -2.706166 0.659387  50 1 0 -1.859699 -4.821548 1.259793  51 1 0 2.036884 2.732111 -1.077865  52 1 0 1.807489 4.846703 -1.669324  53 1 0 -0.466983 -5.609437 0.465024  54 1 0 -0.336411 -5.114702 2.144443  55 1 0 0.203816 5.164794 -2.387137  56 1 0 0.528101 5.678191 -0.739935 |
| TM\_NP\_model\_scan\_m\_60\_p\_50 | 1 6 0 -1.385665 0.278891 -0.114250  2 6 0 -0.836258 -0.972008 -0.399792  3 6 0 0.522269 -1.257280 -0.228408  4 6 0 1.386024 -0.243841 0.246265  5 6 0 0.840741 1.008570 0.526615  6 6 0 -0.518603 1.292720 0.360291  7 6 0 2.825075 -0.497123 0.557674  8 6 0 3.153097 -1.431772 1.521510  9 6 0 4.493250 -1.678462 1.888048  10 6 0 5.512388 -0.989612 1.281188  11 6 0 5.234858 -0.033729 0.271099  12 6 0 3.875144 0.218510 -0.108017  13 6 0 3.633057 1.151100 -1.153062  14 6 0 4.667926 1.812487 -1.769406  15 6 0 6.004829 1.577630 -1.378014  16 6 0 6.278113 0.672668 -0.382984  17 6 0 -2.810090 0.545658 -0.470689  18 6 0 -3.885521 -0.258045 0.040846  19 6 0 -5.225754 0.025245 -0.384424  20 6 0 -5.465352 1.103614 -1.273522  21 6 0 -4.428101 1.882876 -1.717870  22 6 0 -3.106910 1.603975 -1.310817  23 6 0 -3.693615 -1.305030 0.983332  24 6 0 -4.751526 -2.049468 1.447283  25 6 0 -6.065313 -1.788530 0.999497  26 6 0 -6.293329 -0.770147 0.108394  27 6 0 1.030277 -2.588562 -0.622421  28 7 0 0.252879 -3.561305 -0.873839  29 6 0 0.843751 -4.816303 -1.292002  30 6 0 -1.021722 2.618388 0.781412  31 7 0 -0.244580 3.602065 0.986949  32 6 0 -0.826597 4.846123 1.448291  33 1 0 -1.459509 -1.758125 -0.806742  34 1 0 1.469559 1.797384 0.920306  35 1 0 2.358428 -1.968062 2.027983  36 1 0 4.708390 -2.409656 2.659060  37 1 0 6.544843 -1.168249 1.562660  38 1 0 2.614394 1.336516 -1.467557  39 1 0 4.457859 2.518518 -2.564916  40 1 0 6.811832 2.108932 -1.869889  41 1 0 7.302610 0.478624 -0.082656  42 1 0 -6.483444 1.304300 -1.590126  43 1 0 -4.613147 2.710251 -2.393570  44 1 0 -2.297418 2.209291 -1.702256  45 1 0 -2.695894 -1.512604 1.346164  46 1 0 -4.576975 -2.841395 2.166893  47 1 0 -6.890395 -2.387057 1.368885  48 1 0 -7.300692 -0.550861 -0.230017  49 1 0 2.120006 -2.687643 -0.702553  50 1 0 1.942994 -4.795175 -1.340978  51 1 0 -2.105479 2.701197 0.931038  52 1 0 -1.920349 4.808684 1.565061  53 1 0 0.533680 -5.607618 -0.602098  54 1 0 0.450431 -5.087737 -2.276847  55 1 0 -0.377161 5.118431 2.408602  56 1 0 -0.571313 5.645472 0.745353 |
| TM\_NP\_model\_scan\_m\_60\_p\_60 | 1 6 0 -1.381913 0.244424 -0.214553  2 6 0 -0.813637 -0.997900 -0.493486  3 6 0 0.545102 -1.265077 -0.293630  4 6 0 1.381841 -0.244315 0.214183  5 6 0 0.813569 0.998022 0.493065  6 6 0 -0.545169 1.265215 0.293155  7 6 0 2.815498 -0.482364 0.561753  8 6 0 3.129571 -1.422542 1.524852  9 6 0 4.462528 -1.656517 1.924466  10 6 0 5.488723 -0.949541 1.351302  11 6 0 5.226110 0.012648 0.343221  12 6 0 3.873842 0.252069 -0.069311  13 6 0 3.647879 1.191343 -1.111978  14 6 0 4.690336 1.870848 -1.694880  15 6 0 6.019263 1.648617 -1.270322  16 6 0 6.277401 0.737774 -0.276621  17 6 0 -2.815634 0.482366 -0.561924  18 6 0 -3.873791 -0.252115 0.069420  19 6 0 -5.226174 -0.012779 -0.342783  20 6 0 -5.489088 0.949376 -1.350824  21 6 0 -4.463071 1.656392 -1.924250  22 6 0 -3.129995 1.422509 -1.524949  23 6 0 -3.647506 -1.191353 1.112040  24 6 0 -4.689783 -1.870911 1.695220  25 6 0 -6.018821 -1.648760 1.270990  26 6 0 -6.277265 -0.737944 0.277337  27 6 0 1.082374 -2.584547 -0.688327  28 7 0 0.326208 -3.562506 -0.980971  29 6 0 0.946712 -4.803975 -1.396347  30 6 0 -1.082378 2.584724 0.687811  31 7 0 -0.326169 3.562634 0.980510  32 6 0 -0.946619 4.804141 1.395863  33 1 0 -1.421622 -1.791533 -0.909747  34 1 0 1.421521 1.791647 0.909384  35 1 0 2.328548 -1.973526 2.004861  36 1 0 4.666301 -2.392630 2.693891  37 1 0 6.515520 -1.118475 1.658303  38 1 0 2.635562 1.366998 -1.451585  39 1 0 4.492650 2.581558 -2.489406  40 1 0 6.832332 2.194270 -1.735781  41 1 0 7.295943 0.553368 0.048972  42 1 0 -6.515970 1.118253 -1.657567  43 1 0 -4.667063 2.392493 -2.693627  44 1 0 -2.329137 1.973534 -2.005185  45 1 0 -2.635090 -1.366942 1.451392  46 1 0 -4.491856 -2.581606 2.489698  47 1 0 -6.831750 -2.194437 1.736669  48 1 0 -7.295905 -0.553604 -0.047984  49 1 0 2.175307 -2.669478 -0.732441  50 1 0 2.046682 -4.769466 -1.405521  51 1 0 -2.175316 2.669716 0.731884  52 1 0 -2.046590 4.769689 1.405008  53 1 0 0.621667 -5.609409 -0.730085  54 1 0 0.592153 -5.064637 -2.398693  55 1 0 -0.592088 5.064792 2.398222  56 1 0 -0.621510 5.609562 0.729615 |
| TM\_NP\_model\_scan\_m\_60\_p\_70 | 1 6 0 1.377108 -0.184260 -0.302150  2 6 0 0.782133 1.047799 -0.563693  3 6 0 -0.577522 1.287566 -0.333094  4 6 0 -1.381576 0.249720 0.193071  5 6 0 -0.783085 -0.981351 0.458972  6 6 0 0.575558 -1.221186 0.225978  7 6 0 -2.812101 0.458075 0.572051  8 6 0 -3.125394 1.391752 1.541628  9 6 0 -4.454394 1.598575 1.968569  10 6 0 -5.477667 0.871449 1.415758  11 6 0 -5.216402 -0.084494 0.401409  12 6 0 -3.868272 -0.296483 -0.038630  13 6 0 -3.644944 -1.229489 -1.087505  14 6 0 -4.685287 -1.928527 -1.650732  15 6 0 -6.009482 -1.733480 -1.198923  16 6 0 -6.265434 -0.829498 -0.198418  17 6 0 2.817412 -0.386181 -0.654258  18 6 0 3.863430 0.242852 0.095848  19 6 0 5.223755 0.048890 -0.313116  20 6 0 5.503031 -0.761721 -1.442966  21 6 0 4.485149 -1.362605 -2.138969  22 6 0 3.143960 -1.173257 -1.740875  23 6 0 3.613489 1.039049 1.246346  24 6 0 4.644514 1.622370 1.942622  25 6 0 5.983334 1.440561 1.529152  26 6 0 6.262844 0.669974 0.428056  27 6 0 -1.149837 2.596598 -0.712572  28 7 0 -0.420425 3.588136 -1.026770  29 6 0 -1.075370 4.817852 -1.423619  30 6 0 1.150944 -2.534758 0.582635  31 7 0 0.428153 -3.514270 0.945647  32 6 0 1.088119 -4.753306 1.303064  33 1 0 1.368726 1.855284 -0.984338  34 1 0 -1.366015 -1.787666 0.886691  35 1 0 -2.326057 1.958688 2.005613  36 1 0 -4.657224 2.330162 2.742543  37 1 0 -6.501197 1.019680 1.743639  38 1 0 -2.636423 -1.384353 -1.447869  39 1 0 -4.489710 -2.633704 -2.450703  40 1 0 -6.820831 -2.294392 -1.648989  41 1 0 -7.280654 -0.665725 0.147909  42 1 0 6.535789 -0.898686 -1.745933  43 1 0 4.701956 -1.981022 -3.002680  44 1 0 2.349291 -1.642599 -2.310147  45 1 0 2.591739 1.182906 1.573645  46 1 0 4.430892 2.226126 2.817471  47 1 0 6.787213 1.908479 2.086227  48 1 0 7.288793 0.521070 0.107589  49 1 0 -2.244909 2.661395 -0.725740  50 1 0 -2.174346 4.763221 -1.401183  51 1 0 2.243858 -2.615361 0.527763  52 1 0 2.184077 -4.715285 1.210816  53 1 0 -0.746082 5.629169 -0.766650  54 1 0 -0.754665 5.084908 -2.435663  55 1 0 0.828079 -5.014009 2.333980  56 1 0 0.705535 -5.560255 0.670029 |
| TM\_NP\_model\_scan\_m\_60\_p\_80 | 1 6 0 1.375366 -0.093008 -0.393936  2 6 0 0.743100 1.126542 -0.618791  3 6 0 -0.618455 1.323105 -0.357024  4 6 0 -1.381682 0.253338 0.165685  5 6 0 -0.745833 -0.967759 0.388663  6 6 0 0.613234 -1.164720 0.121013  7 6 0 -2.806554 0.416842 0.586012  8 6 0 -3.115547 1.320976 1.584556  9 6 0 -4.436818 1.485535 2.051882  10 6 0 -5.457020 0.745383 1.510834  11 6 0 -5.200652 -0.181556 0.468691  12 6 0 -3.860509 -0.350142 -0.012638  13 6 0 -3.643751 -1.254277 -1.087840  14 6 0 -4.682028 -1.966771 -1.637913  15 6 0 -5.997481 -1.814847 -1.145776  16 6 0 -6.247491 -0.939345 -0.118803  17 6 0 2.823178 -0.238700 -0.749844  18 6 0 3.849959 0.233138 0.129152  19 6 0 5.220624 0.096445 -0.266728  20 6 0 5.527472 -0.502024 -1.515597  21 6 0 4.526202 -0.950419 -2.339014  22 6 0 3.174122 -0.818341 -1.952000  23 6 0 3.567028 0.823643 1.390470  24 6 0 4.579150 1.260147 2.210947  25 6 0 5.929571 1.130420 1.815473  26 6 0 6.239615 0.561285 0.605155  27 6 0 -1.234600 2.622758 -0.697801  28 7 0 -0.540199 3.637533 -1.017263  29 6 0 -1.237514 4.856170 -1.373882  30 6 0 1.231459 -2.474267 0.413403  31 7 0 0.551347 -3.470878 0.810492  32 6 0 1.251748 -4.708127 1.087986  33 1 0 1.300945 1.960121 -1.027495  34 1 0 -1.298388 -1.800142 0.806763  35 1 0 -2.317541 1.897164 2.039340  36 1 0 -4.635771 2.194948 2.847207  37 1 0 -6.474456 0.861070 1.869343  38 1 0 -2.642160 -1.376019 -1.479001  39 1 0 -4.491732 -2.649341 -2.458501  40 1 0 -6.807102 -2.386034 -1.585913  41 1 0 -7.256407 -0.808345 0.258512  42 1 0 6.567860 -0.598862 -1.807809  43 1 0 4.764675 -1.405964 -3.293514  44 1 0 2.393413 -1.171440 -2.616599  45 1 0 2.535090 0.928353 1.701165  46 1 0 4.341918 1.707934 3.169444  47 1 0 6.718461 1.480831 2.471506  48 1 0 7.274522 0.456671 0.296149  49 1 0 -2.330855 2.659578 -0.677956  50 1 0 -2.333647 4.772676 -1.321207  51 1 0 2.318221 -2.537486 0.274309  52 1 0 2.336995 -4.652445 0.914423  53 1 0 -0.910261 5.664593 -0.712340  54 1 0 -0.953033 5.148493 -2.389780  55 1 0 1.073357 -4.995782 2.129007  56 1 0 0.832516 -5.505691 0.466341 |
| TM\_NP\_model\_scan\_m\_60\_p\_90 | 1 6 0 1.371369 0.018570 -0.444840  2 6 0 0.702027 1.227235 -0.609395  3 6 0 -0.661139 1.372789 -0.321460  4 6 0 -1.385792 0.260063 0.164203  5 6 0 -0.712822 -0.951442 0.323850  6 6 0 0.646847 -1.097180 0.029284  7 6 0 -2.808701 0.363506 0.609431  8 6 0 -3.129515 1.214558 1.649925  9 6 0 -4.448640 1.321682 2.139547  10 6 0 -5.455099 0.577655 1.578522  11 6 0 -5.186882 -0.295520 0.493792  12 6 0 -3.848935 -0.405646 -0.010112  13 6 0 -3.621731 -1.255207 -1.126928  14 6 0 -4.647427 -1.971095 -1.695922  15 6 0 -5.960055 -1.877368 -1.182188  16 6 0 -6.220374 -1.055158 -0.114544  17 6 0 2.822810 -0.064366 -0.809034  18 6 0 3.841697 0.209233 0.158533  19 6 0 5.216176 0.137143 -0.240751  20 6 0 5.534093 -0.201295 -1.581178  21 6 0 4.539699 -0.456500 -2.490793  22 6 0 3.183452 -0.386597 -2.100870  23 6 0 3.545852 0.549060 1.506119  24 6 0 4.550283 0.804304 2.408471  25 6 0 5.904981 0.733919 2.012411  26 6 0 6.226971 0.407919 0.718141  27 6 0 -1.317429 2.668561 -0.595514  28 7 0 -0.655626 3.714549 -0.882010  29 6 0 -1.390898 4.928651 -1.171352  30 6 0 1.302468 -2.405510 0.230802  31 7 0 0.664712 -3.428449 0.631041  32 6 0 1.397805 -4.665787 0.803547  33 1 0 1.231348 2.094746 -0.983833  34 1 0 -1.236870 -1.818157 0.707543  35 1 0 -2.341792 1.792718 2.119859  36 1 0 -4.656587 1.990262 2.967280  37 1 0 -6.470706 0.649412 1.953316  38 1 0 -2.622475 -1.331996 -1.535157  39 1 0 -4.449424 -2.611293 -2.548236  40 1 0 -6.759549 -2.450603 -1.637913  41 1 0 -7.227591 -0.968521 0.279711  42 1 0 6.577475 -0.252957 -1.874208  43 1 0 4.786613 -0.712402 -3.514999  44 1 0 2.407970 -0.588948 -2.831214  45 1 0 2.510091 0.608928 1.816344  46 1 0 4.303861 1.063684 3.431962  47 1 0 6.687766 0.939134 2.733980  48 1 0 7.265256 0.353050 0.407593  49 1 0 -2.413723 2.675463 -0.555415  50 1 0 -2.483442 4.812539 -1.107098  51 1 0 2.377931 -2.445569 0.015387  52 1 0 2.468200 -4.585042 0.561404  53 1 0 -1.075543 5.713873 -0.476864  54 1 0 -1.129969 5.276048 -2.176143  55 1 0 1.292761 -5.003834 1.839356  56 1 0 0.948230 -5.440297 0.173948 |
| TM\_NP\_model\_scan\_m\_60\_p\_100 | 1 6 0 1.368162 0.151867 -0.468001  2 6 0 0.662367 1.348313 -0.547071  3 6 0 -0.702781 1.433939 -0.244191  4 6 0 -1.391421 0.270402 0.168569  5 6 0 -0.683870 -0.930246 0.235694  6 6 0 0.676356 -1.016528 -0.077312  7 6 0 -2.812184 0.300641 0.631135  8 6 0 -3.146828 1.067580 1.731070  9 6 0 -4.462248 1.097292 2.240974  10 6 0 -5.451103 0.359560 1.641674  11 6 0 -5.168978 -0.427901 0.496539  12 6 0 -3.835189 -0.457687 -0.029116  13 6 0 -3.595869 -1.219144 -1.205433  14 6 0 -4.605089 -1.928826 -1.810499  15 6 0 -5.912531 -1.916479 -1.275505  16 6 0 -6.185005 -1.179029 -0.150530  17 6 0 2.822631 0.143426 -0.826229  18 6 0 3.833494 0.173691 0.187734  19 6 0 5.211762 0.177064 -0.204570  20 6 0 5.541845 0.157697 -1.584186  21 6 0 4.555686 0.139142 -2.537174  22 6 0 3.195694 0.132522 -2.154417  23 6 0 3.526387 0.208372 1.574776  24 6 0 4.523094 0.234226 2.520515  25 6 0 5.881438 0.229669 2.131475  26 6 0 6.214382 0.203748 0.799702  27 6 0 -1.397853 2.725750 -0.424704  28 7 0 -0.769232 3.806714 -0.649713  29 6 0 -1.542174 5.015266 -0.851145  30 6 0 1.363818 -2.321705 0.002960  31 7 0 0.767127 -3.380246 0.372588  32 6 0 1.526461 -4.613102 0.413980  33 1 0 1.165492 2.255892 -0.857064  34 1 0 -1.181620 -1.837430 0.555532  35 1 0 -2.372169 1.637641 2.231614  36 1 0 -4.680881 1.700729 3.114737  37 1 0 -6.463323 0.371261 2.031988  38 1 0 -2.600778 -1.232527 -1.630590  39 1 0 -4.398130 -2.501202 -2.707752  40 1 0 -6.698666 -2.484539 -1.760043  41 1 0 -7.188846 -1.154234 0.260699  42 1 0 6.587959 0.160870 -1.872073  43 1 0 4.812143 0.127881 -3.590537  44 1 0 2.427164 0.114010 -2.919005  45 1 0 2.488431 0.220255 1.883498  46 1 0 4.267124 0.261954 3.573723  47 1 0 6.658070 0.250473 2.887697  48 1 0 7.255458 0.205244 0.493674  49 1 0 -2.493313 2.698868 -0.372136  50 1 0 -2.629947 4.863809 -0.779905  51 1 0 2.424271 -2.327411 -0.279499  52 1 0 2.577605 -4.497666 0.109702  53 1 0 -1.238349 5.763806 -0.112450  54 1 0 -1.306330 5.432714 -1.835292  55 1 0 1.493564 -5.020884 1.429290  56 1 0 1.047106 -5.351926 -0.236199 |
| TM\_NP\_model\_scan\_m\_60\_p\_110 | 1 6 0 1.364447 0.266016 -0.451247  2 6 0 0.628417 1.447465 -0.449623  3 6 0 -0.738307 1.480215 -0.144352  4 6 0 -1.398809 0.276049 0.189394  5 6 0 -0.662585 -0.909168 0.174277  6 6 0 0.698267 -0.942772 -0.144594  7 6 0 -2.819780 0.239952 0.650549  8 6 0 -3.174289 0.923351 1.798416  9 6 0 -4.489946 0.883978 2.307112  10 6 0 -5.458933 0.161263 1.659015  11 6 0 -5.156633 -0.540111 0.464099  12 6 0 -3.822923 -0.498563 -0.060796  13 6 0 -3.564430 -1.171460 -1.286073  14 6 0 -4.554590 -1.865686 -1.938692  15 6 0 -5.861214 -1.925596 -1.404925  16 6 0 -6.152402 -1.273488 -0.232876  17 6 0 2.820025 0.325572 -0.794104  18 6 0 3.832682 0.129549 0.201234  19 6 0 5.210486 0.212491 -0.184981  20 6 0 5.540371 0.501585 -1.534071  21 6 0 4.553743 0.708635 -2.463787  22 6 0 3.194781 0.622322 -2.089098  23 6 0 3.530187 -0.125680 1.566129  24 6 0 4.529183 -0.309815 2.491728  25 6 0 5.886497 -0.246061 2.104593  26 6 0 6.215624 0.012670 0.797157  27 6 0 -1.464297 2.764077 -0.238481  28 7 0 -0.862643 3.872764 -0.390279  29 6 0 -1.665639 5.072322 -0.512690  30 6 0 1.404780 -2.240242 -0.182585  31 7 0 0.844013 -3.326840 0.160783  32 6 0 1.615053 -4.550119 0.073911  33 1 0 1.110367 2.386873 -0.690686  34 1 0 -1.139356 -1.848329 0.426644  35 1 0 -2.414882 1.478690 2.337396  36 1 0 -4.724423 1.421874 3.218748  37 1 0 -6.470802 0.119796 2.048241  38 1 0 -2.569885 -1.128520 -1.710555  39 1 0 -4.333049 -2.369680 -2.872731  40 1 0 -6.632026 -2.481048 -1.927212  41 1 0 -7.156096 -1.303857 0.178328  42 1 0 6.586558 0.561652 -1.815175  43 1 0 4.808825 0.936134 -3.492652  44 1 0 2.425758 0.779492 -2.837027  45 1 0 2.493762 -0.165814 1.876728  46 1 0 4.275408 -0.500934 3.528343  47 1 0 6.665113 -0.395007 2.844236  48 1 0 7.255849 0.073026 0.494206  49 1 0 -2.558730 2.706695 -0.189256  50 1 0 -2.749067 4.889717 -0.448785  51 1 0 2.443875 -2.215554 -0.534374  52 1 0 2.641408 -4.402656 -0.294254  53 1 0 -1.377381 5.780116 0.270996  54 1 0 -1.444030 5.556774 -1.469100  55 1 0 1.656505 -5.018924 1.062193  56 1 0 1.098104 -5.254510 -0.585606 |
| TM\_NP\_model\_scan\_m\_60\_p\_120 | 1 6 0 1.364107 0.343553 -0.449312  2 6 0 0.604614 1.509894 -0.391396  3 6 0 -0.762391 1.504237 -0.087924  4 6 0 -1.401203 0.275049 0.191678  5 6 0 -0.644649 -0.894924 0.116283  6 6 0 0.715971 -0.890153 -0.204777  7 6 0 -2.818507 0.194353 0.657926  8 6 0 -3.174913 0.817661 1.839014  9 6 0 -4.486617 0.736229 2.352785  10 6 0 -5.449788 0.031501 1.676831  11 6 0 -5.145365 -0.609246 0.448850  12 6 0 -3.815614 -0.524796 -0.081058  13 6 0 -3.555260 -1.137447 -1.337111  14 6 0 -4.539695 -1.815070 -2.015392  15 6 0 -5.842214 -1.917291 -1.477978  16 6 0 -6.135193 -1.323615 -0.275707  17 6 0 2.823973 0.456375 -0.750564  18 6 0 3.827552 0.085252 0.206075  19 6 0 5.209433 0.239101 -0.143679  20 6 0 5.554437 0.779579 -1.408712  21 6 0 4.577893 1.169341 -2.289096  22 6 0 3.216130 1.011657 -1.953539  23 6 0 3.516296 -0.398942 1.505901  24 6 0 4.507707 -0.743801 2.392881  25 6 0 5.868203 -0.621025 2.032847  26 6 0 6.206881 -0.135989 0.794397  27 6 0 -1.510470 2.778525 -0.121266  28 7 0 -0.928663 3.903258 -0.224472  29 6 0 -1.752718 5.092999 -0.289374  30 6 0 1.431053 -2.177286 -0.337663  31 7 0 0.900461 -3.283642 -0.010051  32 6 0 1.672868 -4.494005 -0.203223  33 1 0 1.070474 2.469664 -0.577533  34 1 0 -1.105427 -1.853977 0.318731  35 1 0 -2.419590 1.357329 2.399208  36 1 0 -4.722588 1.227190 3.290149  37 1 0 -6.458567 -0.042175 2.069310  38 1 0 -2.563875 -1.061178 -1.764354  39 1 0 -4.316855 -2.272805 -2.972650  40 1 0 -6.608514 -2.458917 -2.021006  41 1 0 -7.135831 -1.386950 0.139162  42 1 0 6.603653 0.889133 -1.662127  43 1 0 4.843647 1.594639 -3.250256  44 1 0 2.456234 1.310382 -2.666763  45 1 0 2.479188 -0.486008 1.802619  46 1 0 4.244499 -1.106685 3.380071  47 1 0 6.640642 -0.900247 2.740519  48 1 0 7.249181 -0.023150 0.514540  49 1 0 -2.603571 2.700055 -0.071379  50 1 0 -2.832519 4.888931 -0.229500  51 1 0 2.445943 -2.127445 -0.751811  52 1 0 2.672073 -4.319146 -0.629330  53 1 0 -1.472984 5.769571 0.524378  54 1 0 -1.544067 5.623909 -1.223796  55 1 0 1.781776 -5.007201 0.757477  56 1 0 1.119372 -5.172525 -0.860185 |
| TM\_NP\_model\_scan\_m\_60\_p\_130 | 1 6 0 1.364502 0.387734 -0.456450  2 6 0 0.589575 1.543352 -0.364629  3 6 0 -0.776465 1.516161 -0.061325  4 6 0 -1.401871 0.274578 0.191728  5 6 0 -0.632954 -0.884515 0.083303  6 6 0 0.726633 -0.857995 -0.241008  7 6 0 -2.815712 0.169120 0.662905  8 6 0 -3.170672 0.760865 1.860594  9 6 0 -4.479254 0.657909 2.378325  10 6 0 -5.440932 -0.036456 1.689618  11 6 0 -5.137951 -0.645182 0.445126  12 6 0 -3.811192 -0.539216 -0.088508  13 6 0 -3.552403 -1.120040 -1.359897  14 6 0 -4.535498 -1.787550 -2.050041  15 6 0 -5.835058 -1.910713 -1.509786  16 6 0 -6.126460 -1.348109 -0.292305  17 6 0 2.828841 0.536692 -0.712027  18 6 0 3.825130 0.040214 0.198011  19 6 0 5.210152 0.258269 -0.105649  20 6 0 5.567266 0.994323 -1.263663  21 6 0 4.598444 1.518510 -2.080240  22 6 0 3.235692 1.296507 -1.794110  23 6 0 3.508840 -0.615483 1.419703  24 6 0 4.494777 -1.071929 2.261242  25 6 0 5.857544 -0.897578 1.933492  26 6 0 6.202220 -0.241092 0.778988  27 6 0 -1.536564 2.784007 -0.060916  28 7 0 -0.965934 3.916245 -0.141768  29 6 0 -1.801154 5.099490 -0.173781  30 6 0 1.439738 -2.138203 -0.441541  31 7 0 0.928092 -3.255959 -0.123112  32 6 0 1.691347 -4.457371 -0.393673  33 1 0 1.044662 2.514222 -0.515835  34 1 0 -1.083521 -1.853698 0.258733  35 1 0 -2.416296 1.292121 2.430003  36 1 0 -4.714049 1.124125 3.328525  37 1 0 -6.447396 -0.126416 2.084632  38 1 0 -2.563371 -1.027001 -1.789290  39 1 0 -4.314048 -2.220727 -3.018979  40 1 0 -6.600376 -2.443797 -2.062564  41 1 0 -7.124849 -1.427849 0.125146  42 1 0 6.618759 1.149507 -1.481180  43 1 0 4.871472 2.099529 -2.953816  44 1 0 2.483977 1.699449 -2.463204  45 1 0 2.471773 -0.743970 1.698961  46 1 0 4.224161 -1.562919 3.189243  47 1 0 6.625797 -1.268878 2.602314  48 1 0 7.245712 -0.080451 0.528512  49 1 0 -2.628576 2.694262 -0.006383  50 1 0 -2.878663 4.884158 -0.112503  51 1 0 2.432971 -2.071742 -0.903006  52 1 0 2.666979 -4.266473 -0.865078  53 1 0 -1.522758 5.759125 0.654212  54 1 0 -1.602943 5.654267 -1.096533  55 1 0 1.850468 -4.999993 0.543565  56 1 0 1.105644 -5.116652 -1.042231 |
| TM\_NP\_model\_scan\_m\_60\_p\_140 | 1 6 0 1.366612 0.423200 -0.480871  2 6 0 0.578707 1.570463 -0.371278  3 6 0 -0.785851 1.530172 -0.065766  4 6 0 -1.400693 0.282689 0.183192  5 6 0 -0.622648 -0.868268 0.058808  6 6 0 0.734683 -0.828393 -0.272553  7 6 0 -2.809860 0.162109 0.663915  8 6 0 -3.160306 0.742266 1.868616  9 6 0 -4.463765 0.624391 2.395951  10 6 0 -5.424924 -0.073358 1.709937  11 6 0 -5.126664 -0.670708 0.458825  12 6 0 -3.805148 -0.549659 -0.084545  13 6 0 -3.551512 -1.119580 -1.361879  14 6 0 -4.534237 -1.791036 -2.048702  15 6 0 -5.828336 -1.929168 -1.499009  16 6 0 -6.114899 -1.377249 -0.275519  17 6 0 2.836843 0.596456 -0.681957  18 6 0 3.819989 0.001710 0.187320  19 6 0 5.210110 0.260448 -0.060417  20 6 0 5.587065 1.145337 -1.101251  21 6 0 4.630703 1.781470 -1.849973  22 6 0 3.265512 1.515835 -1.625159  23 6 0 3.490948 -0.778733 1.330166  24 6 0 4.465117 -1.324457 2.131299  25 6 0 5.832229 -1.122438 1.841274  26 6 0 6.190709 -0.339458 0.773636  27 6 0 -1.554737 2.792789 -0.050516  28 7 0 -0.993148 3.929667 -0.129080  29 6 0 -1.837117 5.107052 -0.145638  30 6 0 1.439163 -2.104783 -0.527447  31 7 0 0.942713 -3.229196 -0.209263  32 6 0 1.690303 -4.424414 -0.543435  33 1 0 1.023770 2.548781 -0.500864  34 1 0 -1.064558 -1.843317 0.223433  35 1 0 -2.405884 1.275737 2.435887  36 1 0 -4.694907 1.081714 3.351353  37 1 0 -6.427341 -0.174958 2.112349  38 1 0 -2.566801 -1.014938 -1.798482  39 1 0 -4.316780 -2.215756 -3.022277  40 1 0 -6.593352 -2.465289 -2.049261  41 1 0 -7.109151 -1.468635 0.149353  42 1 0 6.641920 1.328566 -1.276240  43 1 0 4.915713 2.483500 -2.625279  44 1 0 2.528522 2.004224 -2.252133  45 1 0 2.452399 -0.930529 1.588288  46 1 0 4.180211 -1.907251 3.000013  47 1 0 6.591518 -1.567570 2.474258  48 1 0 7.236984 -0.148586 0.558442  49 1 0 -2.645567 2.694808 0.012980  50 1 0 -2.912409 4.883427 -0.076058  51 1 0 2.408921 -2.027618 -1.035053  52 1 0 2.643389 -4.223282 -1.055055  53 1 0 -1.556053 5.763129 0.684262  54 1 0 -1.651403 5.669369 -1.066416  55 1 0 1.892023 -4.989197 0.372235  56 1 0 1.073918 -5.067737 -1.179485 |
| TM\_NP\_model\_scan\_m\_60\_p\_150 | 1 6 0 1.369394 0.449568 -0.504109  2 6 0 0.567764 1.589226 -0.389510  3 6 0 -0.795069 1.540703 -0.081020  4 6 0 -1.400406 0.291199 0.179101  5 6 0 -0.613038 -0.852767 0.054863  6 6 0 0.742033 -0.804328 -0.284054  7 6 0 -2.806105 0.162495 0.666989  8 6 0 -3.156016 0.747314 1.869583  9 6 0 -4.456568 0.623168 2.402718  10 6 0 -5.415432 -0.085175 1.724420  11 6 0 -5.117849 -0.687541 0.475528  12 6 0 -3.799311 -0.560495 -0.073603  13 6 0 -3.546786 -1.135552 -1.348827  14 6 0 -4.527588 -1.817345 -2.028202  15 6 0 -5.818552 -1.961330 -1.472729  16 6 0 -6.104089 -1.404769 -0.251093  17 6 0 2.844590 0.644570 -0.653312  18 6 0 3.820160 -0.027981 0.172301  19 6 0 5.213344 0.260198 -0.027270  20 6 0 5.602065 1.263793 -0.948324  21 6 0 4.651856 1.990665 -1.617529  22 6 0 3.286854 1.690457 -1.449735  23 6 0 3.486294 -0.902780 1.243557  24 6 0 4.453965 -1.521728 1.998237  25 6 0 5.823249 -1.304279 1.732855  26 6 0 6.188210 -0.421996 0.748530  27 6 0 -1.571273 2.799097 -0.067230  28 7 0 -1.017272 3.938938 -0.155558  29 6 0 -1.868380 5.111233 -0.172490  30 6 0 1.433900 -2.080125 -0.580697  31 7 0 0.945568 -3.208235 -0.263784  32 6 0 1.674665 -4.399801 -0.648027  33 1 0 1.000439 2.573731 -0.509209  34 1 0 -1.046307 -1.831502 0.220495  35 1 0 -2.403247 1.289440 2.430824  36 1 0 -4.687212 1.084358 3.356375  37 1 0 -6.415582 -0.191425 2.131244  38 1 0 -2.564612 -1.026480 -1.790034  39 1 0 -4.310972 -2.245709 -3.000366  40 1 0 -6.582030 -2.505576 -2.017105  41 1 0 -7.096031 -1.500555 0.178184  42 1 0 6.658518 1.467690 -1.086656  43 1 0 4.941514 2.790132 -2.289873  44 1 0 2.562094 2.248313 -2.030653  45 1 0 2.448238 -1.067215 1.492311  46 1 0 4.160517 -2.173129 2.813734  47 1 0 6.577753 -1.810282 2.324439  48 1 0 7.235561 -0.209039 0.561243  49 1 0 -2.661027 2.694868 0.004140  50 1 0 -2.941743 4.881460 -0.094240  51 1 0 2.383592 -1.997290 -1.124282  52 1 0 2.609811 -4.192573 -1.189489  53 1 0 -1.585558 5.773384 0.651950  54 1 0 -1.692517 5.669660 -1.097557  55 1 0 1.906643 -4.983470 0.248440  56 1 0 1.032792 -5.027876 -1.274050 |
| TM\_NP\_model\_scan\_m\_60\_p\_160 | 1 6 0 1.374676 0.474357 -0.528533  2 6 0 0.557172 1.606267 -0.421544  3 6 0 -0.804236 1.552184 -0.111035  4 6 0 -1.400341 0.303698 0.172197  5 6 0 -0.603632 -0.833727 0.056879  6 6 0 0.749271 -0.779502 -0.289316  7 6 0 -2.802194 0.171339 0.669107  8 6 0 -3.150868 0.771971 1.864322  9 6 0 -4.447624 0.645247 2.406000  10 6 0 -5.403944 -0.081462 1.743704  11 6 0 -5.107759 -0.700532 0.502689  12 6 0 -3.793128 -0.571087 -0.055169  13 6 0 -3.542458 -1.163336 -1.322884  14 6 0 -4.521019 -1.863491 -1.986601  15 6 0 -5.807823 -2.009760 -1.422162  16 6 0 -6.091703 -1.436937 -0.207683  17 6 0 2.854573 0.689763 -0.621710  18 6 0 3.823282 -0.051609 0.158921  19 6 0 5.219367 0.256040 0.006022  20 6 0 5.618682 1.356910 -0.789612  21 6 0 4.673089 2.160574 -1.370819  22 6 0 3.308823 1.835659 -1.261510  23 6 0 3.485924 -1.005498 1.159930  24 6 0 4.447672 -1.689348 1.864782  25 6 0 5.818844 -1.464110 1.618734  26 6 0 6.189301 -0.498928 0.718441  27 6 0 -1.588064 2.806172 -0.111837  28 7 0 -1.042130 3.948142 -0.219960  29 6 0 -1.900836 5.114629 -0.249860  30 6 0 1.424902 -2.057062 -0.621699  31 7 0 0.936449 -3.187239 -0.313073  32 6 0 1.644602 -4.376513 -0.741148  33 1 0 0.973603 2.596986 -0.541017  34 1 0 -1.027952 -1.815117 0.229718  35 1 0 -2.399828 1.328844 2.413312  36 1 0 -4.677323 1.119198 3.353610  37 1 0 -6.401080 -0.189650 2.157368  38 1 0 -2.563615 -1.052801 -1.771069  39 1 0 -4.305829 -2.304827 -2.953257  40 1 0 -6.569506 -2.568641 -1.954076  41 1 0 -7.080590 -1.534344 0.228226  42 1 0 6.676345 1.574601 -0.892691  43 1 0 4.965492 3.039450 -1.933932  44 1 0 2.598778 2.455248 -1.794721  45 1 0 2.449006 -1.177760 1.404262  46 1 0 4.146581 -2.397055 2.628963  47 1 0 6.568950 -2.024286 2.165330  48 1 0 7.237542 -0.270071 0.556760  49 1 0 -2.676731 2.695988 -0.033220  50 1 0 -2.972231 4.879085 -0.162641  51 1 0 2.359084 -1.971296 -1.191189  52 1 0 2.566998 -4.165499 -1.302645  53 1 0 -1.618197 5.790772 0.563201  54 1 0 -1.733424 5.660339 -1.184036  55 1 0 1.895241 -4.980914 0.136380  56 1 0 0.981151 -4.986012 -1.363029 |
| TM\_NP\_model\_scan\_m\_70\_m\_0 | 1 6 0 1.410012 0.470572 0.000875  2 6 0 0.878312 -0.823512 -0.129803  3 6 0 -0.481332 -1.112200 -0.292467  4 6 0 -1.396248 -0.054271 -0.441690  5 6 0 -0.892654 1.243003 -0.367133  6 6 0 0.458295 1.526549 -0.161637  7 6 0 -2.848247 -0.260808 -0.730861  8 6 0 -3.232534 -0.731051 -1.971120  9 6 0 -4.593446 -0.902102 -2.305753  10 6 0 -5.572150 -0.603163 -1.392253  11 6 0 -5.231780 -0.128399 -0.099945  12 6 0 -3.851404 0.044292 0.245652  13 6 0 -3.537166 0.493063 1.557080  14 6 0 -4.527562 0.772615 2.467628  15 6 0 -5.887941 0.616924 2.118738  16 6 0 -6.228239 0.174445 0.864668  17 6 0 2.883119 0.636729 -0.228407  18 6 0 3.859145 -0.343576 0.224466  19 6 0 5.244824 -0.145193 -0.101299  20 6 0 5.666330 1.069554 -0.697037  21 6 0 4.760107 2.070723 -0.915079  22 6 0 3.392176 1.857658 -0.651731  23 6 0 3.562716 -1.457336 1.060325  24 6 0 4.524412 -2.368910 1.429746  25 6 0 5.856279 -2.231413 0.989906  26 6 0 6.205542 -1.128017 0.254643  27 6 0 -0.918718 -2.524035 -0.321571  28 7 0 -0.097995 -3.490488 -0.245061  29 6 0 -0.626007 -4.839242 -0.264535  30 6 0 0.777783 2.947250 0.125830  31 7 0 0.107693 3.911887 -0.356602  32 6 0 0.438376 5.255391 0.075294  33 1 0 1.529794 -1.681498 -0.173780  34 1 0 -1.562467 2.088545 -0.463071  35 1 0 -2.471242 -0.954899 -2.710057  36 1 0 -4.857198 -1.264341 -3.292949  37 1 0 -6.620002 -0.726817 -1.644839  38 1 0 -2.498078 0.611283 1.836825  39 1 0 -4.264921 1.112891 3.463019  40 1 0 -6.659665 0.843735 2.845684  41 1 0 -7.270469 0.045906 0.591451  42 1 0 6.716382 1.202860 -0.934220  43 1 0 5.076357 3.025458 -1.319505  44 1 0 2.713521 2.637388 -0.963275  45 1 0 2.567452 -1.580700 1.457807  46 1 0 4.252744 -3.194808 2.077419  47 1 0 6.600891 -2.969717 1.264852  48 1 0 7.236823 -0.967382 -0.041975  49 1 0 -1.999872 -2.692979 -0.400624  50 1 0 -1.722710 -4.885456 -0.343144  51 1 0 1.595810 3.117804 0.839733  52 1 0 1.273944 5.299094 0.790812  53 1 0 -0.186248 -5.385255 -1.105177  54 1 0 -0.313615 -5.360957 0.645707  55 1 0 0.686770 5.864810 -0.799299  56 1 0 -0.443875 5.712000 0.535067 |
| TM\_NP\_model\_scan\_m\_70\_m\_10 | 1 6 0 1.411045 0.421976 -0.090810  2 6 0 0.863672 -0.863325 -0.223122  3 6 0 -0.503643 -1.123013 -0.364658  4 6 0 -1.401950 -0.043288 -0.468897  5 6 0 -0.878029 1.244572 -0.377213  6 6 0 0.483238 1.500517 -0.199777  7 6 0 -2.863878 -0.221669 -0.726683  8 6 0 -3.284866 -0.659981 -1.966703  9 6 0 -4.655727 -0.806159 -2.271100  10 6 0 -5.607591 -0.514208 -1.327485  11 6 0 -5.229233 -0.070835 -0.034573  12 6 0 -3.838566 0.076704 0.280252  13 6 0 -3.486362 0.494840 1.592182  14 6 0 -4.450397 0.769258 2.532110  15 6 0 -5.820861 0.638308 2.213898  16 6 0 -6.197637 0.225328 0.960190  17 6 0 2.884042 0.576764 -0.304142  18 6 0 3.849045 -0.359208 0.242195  19 6 0 5.243058 -0.168545 -0.047306  20 6 0 5.669341 0.991759 -0.740738  21 6 0 4.759000 1.949078 -1.098727  22 6 0 3.385755 1.747541 -0.855307  23 6 0 3.520650 -1.425730 1.125469  24 6 0 4.473971 -2.297582 1.597056  25 6 0 5.825520 -2.161970 1.218805  26 6 0 6.197561 -1.107418 0.424986  27 6 0 -0.969999 -2.525083 -0.411052  28 7 0 -0.166299 -3.508395 -0.386133  29 6 0 -0.721543 -4.845992 -0.416225  30 6 0 0.857219 2.905894 0.090275  31 7 0 0.168095 3.893765 -0.312129  32 6 0 0.567734 5.221274 0.110156  33 1 0 1.507319 -1.728389 -0.277800  34 1 0 -1.536877 2.102047 -0.437399  35 1 0 -2.544845 -0.878633 -2.728473  36 1 0 -4.948434 -1.144060 -3.258776  37 1 0 -6.662908 -0.619078 -1.556414  38 1 0 -2.439255 0.593758 1.848483  39 1 0 -4.158978 1.086435 3.527123  40 1 0 -6.571468 0.860779 2.963940  41 1 0 -7.247880 0.116010 0.710269  42 1 0 6.725803 1.119416 -0.951325  43 1 0 5.079597 2.858481 -1.594039  44 1 0 2.700340 2.481854 -1.254348  45 1 0 2.503769 -1.543183 1.467892  46 1 0 4.181403 -3.090771 2.275779  47 1 0 6.565336 -2.867410 1.579700  48 1 0 7.239741 -0.955421 0.164020  49 1 0 -2.056366 -2.671684 -0.455822  50 1 0 -1.821032 -4.869237 -0.456587  51 1 0 1.742082 3.044565 0.726431  52 1 0 1.466478 5.233831 0.745716  53 1 0 -0.322612 -5.381328 -1.283674  54 1 0 -0.387656 -5.394011 0.470643  55 1 0 0.748231 5.841964 -0.773157  56 1 0 -0.257769 5.687622 0.657325 |
| TM\_NP\_model\_scan\_m\_70\_m\_20 | 1 6 0 1.410861 0.375589 -0.178874  2 6 0 0.847190 -0.900167 -0.312197  3 6 0 -0.526873 -1.131170 -0.434108  4 6 0 -1.406849 -0.031328 -0.494515  5 6 0 -0.861499 1.246343 -0.387795  6 6 0 0.508748 1.475057 -0.237583  7 6 0 -2.877430 -0.181014 -0.721032  8 6 0 -3.334897 -0.586950 -1.959134  9 6 0 -4.714769 -0.707322 -2.232600  10 6 0 -5.638970 -0.422539 -1.259748  11 6 0 -5.222745 -0.012144 0.032462  12 6 0 -3.822809 0.109489 0.315701  13 6 0 -3.432614 0.494557 1.627052  14 6 0 -4.369295 0.761921 2.596197  15 6 0 -5.748863 0.656567 2.309430  16 6 0 -6.162131 0.275774 1.057014  17 6 0 2.886046 0.518360 -0.365669  18 6 0 3.834336 -0.373057 0.266027  19 6 0 5.235271 -0.193535 0.008068  20 6 0 5.673688 0.904262 -0.774136  21 6 0 4.768248 1.810892 -1.257882  22 6 0 3.389541 1.624745 -1.033199  23 6 0 3.472613 -1.389618 1.193413  24 6 0 4.411896 -2.220750 1.756815  25 6 0 5.778318 -2.088872 1.431855  26 6 0 6.176482 -1.086617 0.584413  27 6 0 -1.021883 -2.522662 -0.497280  28 7 0 -0.236851 -3.520941 -0.522982  29 6 0 -0.818770 -4.846845 -0.564734  30 6 0 0.933706 2.866281 0.044079  31 7 0 0.236394 3.872883 -0.293125  32 6 0 0.698167 5.186912 0.107047  33 1 0 1.481529 -1.772931 -0.375039  34 1 0 -1.508017 2.114842 -0.415877  35 1 0 -2.616846 -0.800298 -2.743135  36 1 0 -5.036394 -1.020054 -3.219578  37 1 0 -6.700975 -0.507985 -1.464594  38 1 0 -2.378233 0.573616 1.859222  39 1 0 -4.049068 1.053761 3.590108  40 1 0 -6.477617 0.873150 3.082402  41 1 0 -7.219642 0.186281 0.830971  42 1 0 6.735508 1.023943 -0.961318  43 1 0 5.099727 2.667400 -1.833830  44 1 0 2.703185 2.314287 -1.506431  45 1 0 2.439210 -1.500799 1.487014  46 1 0 4.098003 -2.979266 2.465033  47 1 0 6.507960 -2.760351 1.870065  48 1 0 7.227494 -0.945156 0.354811  49 1 0 -2.111777 -2.648134 -0.508908  50 1 0 -1.919230 -4.848529 -0.567836  51 1 0 1.869725 2.979109 0.607171  52 1 0 1.645668 5.173426 0.667152  53 1 0 -0.459960 -5.368790 -1.457516  54 1 0 -0.465647 -5.421900 0.297211  55 1 0 0.820039 5.812908 -0.782553  56 1 0 -0.069726 5.664917 0.723673 |
| TM\_NP\_model\_scan\_m\_70\_m\_30 | 1 6 0 1.410507 0.332660 -0.263610  2 6 0 0.832592 -0.934607 -0.393934  3 6 0 -0.547175 -1.140703 -0.493812  4 6 0 -1.409906 -0.024384 -0.516738  5 6 0 -0.845490 1.243802 -0.397515  6 6 0 0.531812 1.448700 -0.272683  7 6 0 -2.887067 -0.148686 -0.715549  8 6 0 -3.375379 -0.526214 -1.950881  9 6 0 -4.762086 -0.621089 -2.198488  10 6 0 -5.662253 -0.338818 -1.202633  11 6 0 -5.214090 0.043344 0.087576  12 6 0 -3.807072 0.138618 0.344626  13 6 0 -3.385062 0.495651 1.654079  14 6 0 -4.298058 0.761192 2.646043  15 6 0 -5.684502 0.681990 2.385282  16 6 0 -6.128386 0.328574 1.135317  17 6 0 2.888618 0.465275 -0.420806  18 6 0 3.817881 -0.378897 0.289859  19 6 0 5.224039 -0.216542 0.053362  20 6 0 5.678284 0.809008 -0.813595  21 6 0 4.783315 1.659982 -1.407483  22 6 0 3.399643 1.493546 -1.196424  23 6 0 3.424832 -1.336315 1.265584  24 6 0 4.347611 -2.123667 1.912363  25 6 0 5.724336 -2.001874 1.626512  26 6 0 6.148360 -1.060618 0.723090  27 6 0 -1.068006 -2.522281 -0.563640  28 7 0 -0.301248 -3.533124 -0.625826  29 6 0 -0.907091 -4.848248 -0.668314  30 6 0 1.001652 2.826801 -0.004294  31 7 0 0.299653 3.849199 -0.279062  32 6 0 0.817181 5.150677 0.092437  33 1 0 1.458082 -1.814451 -0.461946  34 1 0 -1.480289 2.121403 -0.397248  35 1 0 -2.676417 -0.737119 -2.752624  36 1 0 -5.108103 -0.912178 -3.183841  37 1 0 -6.729319 -0.404642 -1.387481  38 1 0 -2.325196 0.554919 1.866226  39 1 0 -3.953652 1.031581 3.637930  40 1 0 -6.394358 0.897043 3.176063  41 1 0 -7.191430 0.259284 0.928968  42 1 0 6.744210 0.916794 -0.984092  43 1 0 5.128644 2.456449 -2.056826  44 1 0 2.716518 2.139147 -1.733941  45 1 0 2.379533 -1.436379 1.521034  46 1 0 4.014099 -2.839868 2.654865  47 1 0 6.441314 -2.636941 2.134419  48 1 0 7.205908 -0.934243 0.515804  49 1 0 -2.159835 -2.629300 -0.546266  50 1 0 -2.007074 -4.831161 -0.640700  51 1 0 1.980529 2.916855 0.484262  52 1 0 1.804460 5.114025 0.577796  53 1 0 -0.582214 -5.364350 -1.577326  54 1 0 -0.540270 -5.440520 0.176086  55 1 0 0.883207 5.780687 -0.800257  56 1 0 0.108565 5.639177 0.768911 |
| TM\_NP\_model\_scan\_m\_70\_m\_40 | 1 6 0 1.410953 0.285921 -0.350474  2 6 0 0.816101 -0.972561 -0.469003  3 6 0 -0.568846 -1.153169 -0.545482  4 6 0 -1.412043 -0.020634 -0.537857  5 6 0 -0.826237 1.237513 -0.416749  6 6 0 0.557540 1.417826 -0.321166  7 6 0 -2.894965 -0.118553 -0.708317  8 6 0 -3.414036 -0.473443 -1.937779  9 6 0 -4.806809 -0.542033 -2.158674  10 6 0 -5.682134 -0.256506 -1.141834  11 6 0 -5.202033 0.102503 0.143544  12 6 0 -3.788764 0.171251 0.373348  13 6 0 -3.334868 0.505389 1.678163  14 6 0 -4.223328 0.773421 2.691502  15 6 0 -5.615808 0.720203 2.457818  16 6 0 -6.090360 0.389843 1.212813  17 6 0 2.892526 0.400218 -0.484638  18 6 0 3.797810 -0.379242 0.317861  19 6 0 5.209276 -0.246741 0.097934  20 6 0 5.685711 0.676434 -0.867149  21 6 0 4.807997 1.455870 -1.575295  22 6 0 3.419072 1.321972 -1.373306  23 6 0 3.369822 -1.245693 1.360876  24 6 0 4.270889 -1.969925 2.104298  25 6 0 5.656421 -1.870644 1.851248  26 6 0 6.110802 -1.021793 0.873676  27 6 0 -1.116422 -2.524171 -0.616282  28 7 0 -0.370135 -3.547235 -0.716714  29 6 0 -1.000459 -4.850905 -0.756557  30 6 0 1.071190 2.784002 -0.078013  31 7 0 0.366634 3.820189 -0.287285  32 6 0 0.937104 5.110382 0.043013  33 1 0 1.430521 -1.860995 -0.537675  34 1 0 -1.447059 2.124812 -0.394642  35 1 0 -2.734832 -0.686584 -2.755765  36 1 0 -5.177241 -0.815465 -3.140208  37 1 0 -6.753620 -0.302238 -1.306046  38 1 0 -2.270152 0.545198 1.869492  39 1 0 -3.854696 1.025909 3.679387  40 1 0 -6.306106 0.936983 3.265266  41 1 0 -7.158314 0.340669 1.027060  42 1 0 6.755515 0.762481 -1.025610  43 1 0 5.172390 2.170239 -2.304801  44 1 0 2.744388 1.913678 -1.980420  45 1 0 2.314563 -1.324781 1.583137  46 1 0 3.914824 -2.618809 2.896558  47 1 0 6.356435 -2.453730 2.438942  48 1 0 7.174421 -0.919530 0.684961  49 1 0 -2.208940 -2.612474 -0.565560  50 1 0 -2.098478 -4.815088 -0.692409  51 1 0 2.089150 2.854019 0.325809  52 1 0 1.960408 5.054145 0.444579  53 1 0 -0.714931 -5.359803 -1.682694  54 1 0 -0.616717 -5.461178 0.067236  55 1 0 0.940373 5.742394 -0.850717  56 1 0 0.296001 5.609049 0.776987 |
| TM\_NP\_model\_scan\_m\_70\_m\_50 | 1 6 0 1.412609 0.235682 -0.441407  2 6 0 0.798991 -1.013673 -0.540286  3 6 0 -0.590472 -1.169239 -0.589974  4 6 0 -1.412902 -0.021113 -0.561582  5 6 0 -0.804545 1.227196 -0.451192  6 6 0 0.584555 1.382725 -0.386452  7 6 0 -2.900634 -0.093733 -0.701538  8 6 0 -3.450541 -0.436218 -1.921041  9 6 0 -4.848463 -0.480573 -2.113749  10 6 0 -5.697990 -0.183493 -1.078509  11 6 0 -5.185854 0.163350 0.197806  12 6 0 -3.767218 0.207776 0.398898  13 6 0 -3.281373 0.530467 1.695063  14 6 0 -4.144415 0.809747 2.727159  15 6 0 -5.542061 0.780102 2.521893  16 6 0 -6.047293 0.461828 1.285854  17 6 0 2.898742 0.324915 -0.553173  18 6 0 3.772605 -0.369961 0.350215  19 6 0 5.190129 -0.277350 0.152845  20 6 0 5.699000 0.514867 -0.907404  21 6 0 4.847052 1.202274 -1.733500  22 6 0 3.451750 1.110097 -1.548633  23 6 0 3.302548 -1.120605 1.462308  24 6 0 4.174001 -1.767926 2.304998  25 6 0 5.567876 -1.700886 2.086937  26 6 0 6.060512 -0.967224 1.037064  27 6 0 -1.164727 -2.529742 -0.648029  28 7 0 -0.440405 -3.565561 -0.775241  29 6 0 -1.095050 -4.857559 -0.798618  30 6 0 1.139220 2.738292 -0.182343  31 7 0 0.437182 3.786467 -0.332198  32 6 0 1.056729 5.067169 -0.059147  33 1 0 1.400528 -1.911689 -0.605589  34 1 0 -1.409832 2.124778 -0.416100  35 1 0 -2.791814 -0.658437 -2.753244  36 1 0 -5.243368 -0.744713 -3.088267  37 1 0 -6.773212 -0.210802 -1.220944  38 1 0 -2.212468 0.552820 1.864616  39 1 0 -3.751560 1.053107 3.707973  40 1 0 -6.212085 1.005446 3.343944  41 1 0 -7.119479 0.430868 1.121833  42 1 0 6.773156 0.572282 -1.048553  43 1 0 5.237572 1.812255 -2.540191  44 1 0 2.794124 1.634105 -2.232714  45 1 0 2.238611 -1.173784 1.650792  46 1 0 3.789179 -2.331506 3.147497  47 1 0 6.244346 -2.221163 2.755622  48 1 0 7.130310 -0.896146 0.870165  49 1 0 -2.256584 -2.598731 -0.563511  50 1 0 -2.189632 -4.802526 -0.698916  51 1 0 2.189264 2.790318 0.131237  52 1 0 2.110381 4.994340 0.250504  53 1 0 -0.848766 -5.368108 -1.735090  54 1 0 -0.695825 -5.477564 0.010415  55 1 0 0.991497 5.696290 -0.952530  56 1 0 0.491526 5.579067 0.726331 |
| TM\_NP\_model\_scan\_m\_70\_m\_60 | 1 6 0 1.414964 0.171368 -0.531275  2 6 0 0.779496 -1.067987 -0.592746  3 6 0 -0.613731 -1.196604 -0.612926  4 6 0 -1.412736 -0.031558 -0.585199  5 6 0 -0.779563 1.206696 -0.506315  6 6 0 0.613838 1.335203 -0.472736  7 6 0 -2.904072 -0.078915 -0.696494  8 6 0 -3.481949 -0.428158 -1.901029  9 6 0 -4.883699 -0.450827 -2.067978  10 6 0 -5.708971 -0.125285 -1.021754  11 6 0 -5.167727 0.229910 0.240171  12 6 0 -3.745056 0.252711 0.414993  13 6 0 -3.230164 0.584932 1.697435  14 6 0 -4.069359 0.892689 2.741045  15 6 0 -5.470846 0.883732 2.561625  16 6 0 -6.003931 0.557482 1.339440  17 6 0 2.905561 0.227842 -0.625167  18 6 0 3.745454 -0.348136 0.384535  19 6 0 5.168032 -0.307743 0.209640  20 6 0 5.712374 0.311488 -0.944156  21 6 0 4.890051 0.876996 -1.885146  22 6 0 3.489094 0.835188 -1.720736  23 6 0 3.232969 -0.937041 1.572435  24 6 0 4.071938 -1.475976 2.517942  25 6 0 5.472136 -1.454785 2.331228  26 6 0 6.004026 -0.880120 1.204033  27 6 0 -1.216043 -2.545908 -0.632785  28 7 0 -0.515895 -3.597973 -0.762144  29 6 0 -1.195744 -4.876915 -0.743432  30 6 0 1.208368 2.680666 -0.327533  31 7 0 0.516090 3.741016 -0.429515  32 6 0 1.182590 5.012332 -0.235025  33 1 0 1.365267 -1.977670 -0.641914  34 1 0 -1.366846 2.116317 -0.475021  35 1 0 -2.842408 -0.673508 -2.741662  36 1 0 -5.300788 -0.721366 -3.031440  37 1 0 -6.786938 -0.136314 -1.144229  38 1 0 -2.158070 0.591995 1.847115  39 1 0 -3.654579 1.142981 3.711028  40 1 0 -6.121828 1.131306 3.392537  41 1 0 -7.079319 0.542310 1.195393  42 1 0 6.790103 0.332866 -1.067098  43 1 0 5.308693 1.351262 -2.765597  44 1 0 2.852863 1.265717 -2.485960  45 1 0 2.162602 -0.954818 1.731346  46 1 0 3.657243 -1.918903 3.416486  47 1 0 6.122765 -1.887180 3.083016  48 1 0 7.078719 -0.850116 1.057228  49 1 0 -2.306227 -2.591517 -0.516773  50 1 0 -2.285862 -4.798638 -0.614372  51 1 0 2.282929 2.714616 -0.108939  52 1 0 2.257964 4.921907 -0.019041  53 1 0 -0.985736 -5.409234 -1.676623  54 1 0 -0.785914 -5.489849 0.065705  55 1 0 1.050445 5.628186 -1.130273  56 1 0 0.699737 5.548701 0.588141 |
| TM\_NP\_model\_scan\_m\_70\_m\_70 | 1 6 0 -1.414710 -0.045920 -0.609838  2 6 0 -0.745938 1.175701 -0.585841  3 6 0 0.651140 1.263379 -0.577068  4 6 0 1.415435 0.075077 -0.601778  5 6 0 0.746311 -1.146805 -0.607107  6 6 0 -0.650711 -1.234496 -0.606662  7 6 0 2.909344 0.084952 -0.688153  8 6 0 3.516404 0.482647 -1.862926  9 6 0 4.920812 0.474290 -2.007477  10 6 0 5.719548 0.070218 -0.968052  11 6 0 5.148034 -0.335827 0.264830  12 6 0 3.722520 -0.328377 0.416498  13 6 0 3.177486 -0.713119 1.671497  14 6 0 3.990618 -1.097319 2.710365  15 6 0 5.394707 -1.117229 2.553261  16 6 0 5.956698 -0.742931 1.358099  17 6 0 -2.908812 -0.054266 -0.697825  18 6 0 -3.722515 0.308562 0.423858  19 6 0 -5.148060 0.318902 0.273058  20 6 0 -5.718802 -0.033803 -0.976521  21 6 0 -4.919277 -0.388125 -2.033333  22 6 0 -3.514701 -0.399130 -1.889560  23 6 0 -3.177558 0.641446 1.693573  24 6 0 -3.991093 0.978499 2.748379  25 6 0 -5.395368 1.000367 2.593132  26 6 0 -5.957154 0.676033 1.383328  27 6 0 1.293149 2.592515 -0.508685  28 7 0 0.627241 3.671177 -0.591706  29 6 0 1.344079 4.925474 -0.486201  30 6 0 -1.293923 -2.564329 -0.573781  31 7 0 -0.627446 -3.641428 -0.670983  32 6 0 -1.346219 -4.897201 -0.603027  33 1 0 -1.306441 2.102593 -0.582105  34 1 0 1.306614 -2.073691 -0.622450  35 1 0 2.897890 0.791230 -2.698442  36 1 0 5.360998 0.784305 -2.948516  37 1 0 6.799288 0.057565 -1.073507  38 1 0 2.103152 -0.699077 1.803714  39 1 0 3.553191 -1.386405 3.659392  40 1 0 6.024839 -1.425118 3.380077  41 1 0 7.034381 -0.749567 1.231633  42 1 0 -6.798627 -0.019887 -1.081000  43 1 0 -5.358945 -0.656662 -2.987275  44 1 0 -2.895386 -0.668911 -2.737825  45 1 0 -2.102992 0.626064 1.824015  46 1 0 -3.553894 1.228688 3.708497  47 1 0 -6.025838 1.270549 3.432778  48 1 0 -7.034942 0.685121 1.257903  49 1 0 2.381467 2.597856 -0.369283  50 1 0 2.428792 4.806571 -0.343171  51 1 0 -2.384059 -2.571768 -0.449152  52 1 0 -2.432474 -4.780705 -0.470132  53 1 0 1.167494 5.517553 -1.389825  54 1 0 0.937204 5.502206 0.350582  55 1 0 -1.159361 -5.468201 -1.518107  56 1 0 -0.949571 -5.493671 0.224759 |
| TM\_NP\_model\_scan\_m\_70\_m\_80 | 1 6 0 -1.410984 0.125755 -0.659286  2 6 0 -0.711134 1.318598 -0.501052  3 6 0 0.688261 1.364926 -0.470738  4 6 0 1.419727 0.164496 -0.612998  5 6 0 0.717834 -1.030516 -0.757548  6 6 0 -0.680765 -1.077157 -0.780249  7 6 0 2.914839 0.139240 -0.674282  8 6 0 3.556401 0.643596 -1.788154  9 6 0 4.962458 0.605193 -1.910568  10 6 0 5.728106 0.061881 -0.910434  11 6 0 5.120670 -0.459159 0.260445  12 6 0 3.693503 -0.420577 0.390139  13 6 0 3.112932 -0.923901 1.585840  14 6 0 3.893549 -1.449097 2.587275  15 6 0 5.298988 -1.499039 2.450273  16 6 0 5.895131 -1.012895 1.313368  17 6 0 -2.907236 0.164680 -0.726053  18 6 0 -3.697152 0.230704 0.466132  19 6 0 -5.124268 0.295343 0.351429  20 6 0 -5.719252 0.291610 -0.936283  21 6 0 -4.941277 0.224270 -2.064017  22 6 0 -3.534346 0.159628 -1.955124  23 6 0 -3.124213 0.224325 1.766639  24 6 0 -3.914377 0.284060 2.889244  25 6 0 -5.320954 0.353520 2.773397  26 6 0 -5.908743 0.358403 1.532651  27 6 0 1.365942 2.659768 -0.253577  28 7 0 0.732373 3.760711 -0.232464  29 6 0 1.483065 4.974499 0.015834  30 6 0 -1.365419 -2.379038 -0.917495  31 7 0 -0.728101 -3.466159 -1.077128  32 6 0 -1.489335 -4.693431 -1.189359  33 1 0 -1.247142 2.254014 -0.396400  34 1 0 1.252959 -1.965629 -0.869198  35 1 0 2.964099 1.062377 -2.594153  36 1 0 5.430059 1.002763 -2.804268  37 1 0 6.808730 0.024935 -0.999897  38 1 0 2.037279 -0.888954 1.702200  39 1 0 3.429156 -1.827462 3.491008  40 1 0 5.903139 -1.918515 3.246838  41 1 0 6.974251 -1.041802 1.203355  42 1 0 -6.800292 0.342719 -1.013250  43 1 0 -5.399659 0.223093 -3.046524  44 1 0 -2.931926 0.113181 -2.855551  45 1 0 -2.047069 0.174059 1.865019  46 1 0 -3.457175 0.278715 3.872350  47 1 0 -5.932861 0.402092 3.667110  48 1 0 -6.988383 0.409408 1.436476  49 1 0 2.451290 2.617797 -0.098032  50 1 0 2.561982 4.808445 0.155458  51 1 0 -2.461536 -2.356343 -0.868477  52 1 0 -2.578020 -4.548396 -1.120387  53 1 0 1.334956 5.666208 -0.819531  54 1 0 1.082096 5.468481 0.906676  55 1 0 -1.254683 -5.175489 -2.143765  56 1 0 -1.172866 -5.385669 -0.402604 |
| TM\_NP\_model\_scan\_m\_70\_m\_90 | 1 6 0 -1.403306 0.313708 -0.611325  2 6 0 -0.666482 1.454176 -0.307082  3 6 0 0.733989 1.450876 -0.272894  4 6 0 1.426550 0.254913 -0.565306  5 6 0 0.686986 -0.890703 -0.853393  6 6 0 -0.712005 -0.888343 -0.880594  7 6 0 2.919776 0.193985 -0.646366  8 6 0 3.563204 0.810206 -1.701487  9 6 0 4.965815 0.747576 -1.849163  10 6 0 5.726441 0.066451 -0.933174  11 6 0 5.117208 -0.575657 0.175018  12 6 0 3.693377 -0.512776 0.330457  13 6 0 3.111864 -1.141971 1.464456  14 6 0 3.888172 -1.807284 2.382509  15 6 0 5.289793 -1.879787 2.218926  16 6 0 5.886972 -1.275295 1.140833  17 6 0 -2.897933 0.408793 -0.672652  18 6 0 -3.704804 0.139736 0.478644  19 6 0 -5.129055 0.258043 0.372035  20 6 0 -5.704115 0.642425 -0.866513  21 6 0 -4.909446 0.899933 -1.954396  22 6 0 -3.505137 0.781337 -1.853975  23 6 0 -3.150301 -0.243877 1.729409  24 6 0 -3.956114 -0.498968 2.812921  25 6 0 -5.360374 -0.383361 2.705083  26 6 0 -5.930013 -0.012739 1.512045  27 6 0 1.452661 2.686571 0.100365  28 7 0 0.854516 3.796002 0.259460  29 6 0 1.643261 4.945812 0.652220  30 6 0 -1.439993 -2.133931 -1.197391  31 7 0 -0.839684 -3.225008 -1.447403  32 6 0 -1.643179 -4.393806 -1.741748  33 1 0 -1.172827 2.385349 -0.084351  34 1 0 1.192293 -1.820252 -1.085573  35 1 0 2.973811 1.339995 -2.441614  36 1 0 5.434485 1.236670 -2.695666  37 1 0 6.804429 0.010409 -1.042474  38 1 0 2.039111 -1.091085 1.600343  39 1 0 3.423435 -2.279940 3.240516  40 1 0 5.890382 -2.410537 2.949047  41 1 0 6.963395 -1.320942 1.011733  42 1 0 -6.783201 0.730454 -0.937263  43 1 0 -5.352412 1.195908 -2.898641  44 1 0 -2.889342 0.987380 -2.722303  45 1 0 -2.074734 -0.329510 1.821677  46 1 0 -3.513329 -0.789080 3.759147  47 1 0 -5.984808 -0.586665 3.567782  48 1 0 -7.007550 0.079472 1.423156  49 1 0 2.536146 2.591504 0.245395  50 1 0 2.715446 4.728781 0.772276  51 1 0 -2.535364 -2.065328 -1.202957  52 1 0 -2.726887 -4.204065 -1.720264  53 1 0 1.522281 5.736889 -0.094720  54 1 0 1.254143 5.343193 1.595125  55 1 0 -1.368950 -4.779149 -2.728952  56 1 0 -1.406645 -5.182661 -1.020579 |
| TM\_NP\_model\_scan\_m\_70\_m\_100 | 1 6 0 -1.394961 0.461524 -0.558098  2 6 0 -0.624762 1.551659 -0.164386  3 6 0 0.775403 1.508704 -0.142628  4 6 0 1.433483 0.324102 -0.540462  5 6 0 0.661090 -0.770465 -0.925913  6 6 0 -0.737069 -0.727984 -0.944584  7 6 0 2.924282 0.227306 -0.629628  8 6 0 3.587551 0.914419 -1.627013  9 6 0 4.988207 0.824601 -1.779674  10 6 0 5.726786 0.044411 -0.926842  11 6 0 5.096838 -0.674363 0.121018  12 6 0 3.674947 -0.584856 0.281074  13 6 0 3.072974 -1.294477 1.355406  14 6 0 3.827735 -2.059265 2.211850  15 6 0 5.227253 -2.156357 2.043250  16 6 0 5.844036 -1.477065 1.022237  17 6 0 -2.886482 0.599143 -0.579313  18 6 0 -3.697585 0.063692 0.472506  19 6 0 -5.119298 0.231897 0.408012  20 6 0 -5.688296 0.929825 -0.688199  21 6 0 -4.889774 1.443706 -1.677783  22 6 0 -3.488049 1.276679 -1.619834  23 6 0 -3.149444 -0.624348 1.588397  24 6 0 -3.959017 -1.127860 2.578135  25 6 0 -5.361264 -0.968649 2.507732  26 6 0 -5.924526 -0.302224 1.447689  27 6 0 1.528995 2.688265 0.330126  28 7 0 0.962076 3.796281 0.584822  29 6 0 1.782892 4.886649 1.070389  30 6 0 -1.497758 -1.913324 -1.390652  31 7 0 -0.929409 -3.007682 -1.694969  32 6 0 -1.761633 -4.111248 -2.128522  33 1 0 -1.104418 2.470985 0.148163  34 1 0 1.139909 -1.687744 -1.246278  35 1 0 3.015367 1.523361 -2.318133  36 1 0 5.472838 1.372230 -2.580091  37 1 0 6.803017 -0.032643 -1.040575  38 1 0 2.001664 -1.226144 1.494802  39 1 0 3.347443 -2.592205 3.024784  40 1 0 5.810780 -2.765324 2.724530  41 1 0 6.919126 -1.541592 0.890026  42 1 0 -6.765600 1.052213 -0.728086  43 1 0 -5.327714 1.979464 -2.512398  44 1 0 -2.869656 1.684413 -2.411614  45 1 0 -2.075325 -0.743997 1.655593  46 1 0 -3.520289 -1.648209 3.422122  47 1 0 -5.988825 -1.370776 3.295094  48 1 0 -7.000225 -0.171784 1.389911  49 1 0 2.609753 2.551601 0.461360  50 1 0 2.849448 4.632133 1.164209  51 1 0 -2.587335 -1.795656 -1.448234  52 1 0 -2.836291 -3.875632 -2.148459  53 1 0 1.679626 5.742638 0.395901  54 1 0 1.408549 5.210300 2.046865  55 1 0 -1.447968 -4.425899 -3.128980  56 1 0 -1.597864 -4.966502 -1.465210 |
| TM\_NP\_model\_scan\_m\_70\_m\_110 | 1 6 0 -1.388953 0.546231 -0.532176  2 6 0 -0.597671 1.610846 -0.109368  3 6 0 0.801492 1.544556 -0.094376  4 6 0 1.438671 0.362101 -0.530124  5 6 0 0.646378 -0.705497 -0.950115  6 6 0 -0.750661 -0.639988 -0.962197  7 6 0 2.927425 0.239370 -0.618977  8 6 0 3.608208 0.946019 -1.590594  9 6 0 5.007131 0.831465 -1.743079  10 6 0 5.726098 0.004965 -0.917496  11 6 0 5.077611 -0.737197 0.102315  12 6 0 3.657758 -0.621454 0.263250  13 6 0 3.037422 -1.356230 1.309834  14 6 0 3.772385 -2.170213 2.137672  15 6 0 5.169638 -2.293308 1.967363  16 6 0 5.804212 -1.590106 0.973827  17 6 0 -2.876948 0.703598 -0.508232  18 6 0 -3.689489 0.010357 0.448132  19 6 0 -5.107794 0.217037 0.433222  20 6 0 -5.672254 1.110703 -0.512891  21 6 0 -4.871757 1.782986 -1.400498  22 6 0 -3.474233 1.580010 -1.391968  23 6 0 -3.147269 -0.860766 1.431430  24 6 0 -3.958772 -1.505755 2.333661  25 6 0 -5.358270 -1.314109 2.304810  26 6 0 -5.915668 -0.469870 1.376810  27 6 0 1.575327 2.694713 0.416754  28 7 0 1.027494 3.803091 0.708899  29 6 0 1.866681 4.861693 1.231930  30 6 0 -1.528150 -1.788404 -1.472466  31 7 0 -0.980797 -2.891011 -1.785033  32 6 0 -1.824974 -3.951296 -2.296550  33 1 0 -1.060860 2.524710 0.241440  34 1 0 1.108856 -1.618134 -1.305707  35 1 0 3.051488 1.590993 -2.261381  36 1 0 5.505823 1.396633 -2.522386  37 1 0 6.800641 -0.091856 -1.032016  38 1 0 1.967824 -1.268022 1.450874  39 1 0 3.278077 -2.722173 2.929222  40 1 0 5.737388 -2.941137 2.625745  41 1 0 6.877822 -1.674431 0.840745  42 1 0 -6.747154 1.258061 -0.516500  43 1 0 -5.305269 2.471886 -2.116634  44 1 0 -2.854824 2.111998 -2.105244  45 1 0 -2.075359 -1.007521 1.470482  46 1 0 -3.522763 -2.163316 3.077359  47 1 0 -5.987557 -1.829952 3.021286  48 1 0 -6.988634 -0.309506 1.354472  49 1 0 2.653509 2.535099 0.543188  50 1 0 2.928992 4.586462 1.314871  51 1 0 -2.609343 -1.632898 -1.576821  52 1 0 -2.889939 -3.681140 -2.356561  53 1 0 1.776834 5.743124 0.589048  54 1 0 1.498757 5.155813 2.220129  55 1 0 -1.474679 -4.239262 -3.292924  56 1 0 -1.717954 -4.834730 -1.659168 |
| TM\_NP\_model\_scan\_m\_70\_m\_120 | 1 6 0 -1.382919 0.605039 -0.506835  2 6 0 -0.568975 1.652277 -0.079904  3 6 0 0.828642 1.565641 -0.077565  4 6 0 1.444619 0.375593 -0.522157  5 6 0 0.632079 -0.673640 -0.949794  6 6 0 -0.763560 -0.585227 -0.956689  7 6 0 2.930618 0.226662 -0.614462  8 6 0 3.623633 0.926908 -1.582034  9 6 0 5.020232 0.787977 -1.735831  10 6 0 5.724541 -0.056069 -0.915350  11 6 0 5.063253 -0.792139 0.100652  12 6 0 3.645774 -0.651885 0.262769  13 6 0 3.012697 -1.380611 1.305961  14 6 0 3.733233 -2.211903 2.129260  15 6 0 5.127977 -2.359270 1.957596  16 6 0 5.774738 -1.662489 0.967394  17 6 0 -2.865624 0.782692 -0.437303  18 6 0 -3.690476 -0.022901 0.418021  19 6 0 -5.102778 0.222825 0.451145  20 6 0 -5.648869 1.270950 -0.332881  21 6 0 -4.835200 2.057386 -1.107395  22 6 0 -3.445826 1.814014 -1.151044  23 6 0 -3.168714 -1.036489 1.267127  24 6 0 -3.993104 -1.786107 2.071468  25 6 0 -5.388028 -1.563276 2.076212  26 6 0 -5.925377 -0.577327 1.287059  27 6 0 1.623091 2.701695 0.433846  28 7 0 1.094699 3.818665 0.729062  29 6 0 1.953323 4.862689 1.250088  30 6 0 -1.554360 -1.706004 -1.508518  31 7 0 -1.028627 -2.823839 -1.803262  32 6 0 -1.880346 -3.850534 -2.368417  33 1 0 -1.013954 2.567329 0.290518  34 1 0 1.077746 -1.588828 -1.319887  35 1 0 3.078391 1.585728 -2.248784  36 1 0 5.528745 1.348471 -2.512162  37 1 0 6.797117 -0.171570 -1.030999  38 1 0 1.945041 -1.273322 1.448503  39 1 0 3.229427 -2.758636 2.918444  40 1 0 5.684228 -3.020494 2.612470  41 1 0 6.846615 -1.765388 0.833429  42 1 0 -6.719083 1.445871 -0.299651  43 1 0 -5.252609 2.866569 -1.695875  44 1 0 -2.818475 2.434702 -1.780710  45 1 0 -2.100838 -1.210632 1.285707  46 1 0 -3.569455 -2.550669 2.712930  47 1 0 -6.028318 -2.164332 2.711957  48 1 0 -6.993714 -0.387454 1.296123  49 1 0 2.698957 2.524316 0.555974  50 1 0 3.011201 4.569755 1.328562  51 1 0 -2.623160 -1.514240 -1.665675  52 1 0 -2.932050 -3.545485 -2.475473  53 1 0 1.875629 5.746088 0.608326  54 1 0 1.594171 5.161862 2.239989  55 1 0 -1.491770 -4.138086 -3.350634  56 1 0 -1.832108 -4.744199 -1.738220 |
| TM\_NP\_model\_scan\_m\_70\_m\_130 | 1 6 0 -1.380086 0.638234 -0.508217  2 6 0 -0.549542 1.678837 -0.092154  3 6 0 0.846331 1.577760 -0.092615  4 6 0 1.448850 0.374838 -0.520212  5 6 0 0.622952 -0.669403 -0.933548  6 6 0 -0.771536 -0.564862 -0.942265  7 6 0 2.932763 0.207467 -0.611725  8 6 0 3.632320 0.885709 -1.590262  9 6 0 5.026869 0.727962 -1.744353  10 6 0 5.722413 -0.113115 -0.913419  11 6 0 5.054150 -0.827220 0.113671  12 6 0 3.638757 -0.667660 0.276242  13 6 0 2.998664 -1.374276 1.330280  14 6 0 3.710535 -2.203111 2.163544  15 6 0 5.103071 -2.369786 1.991527  16 6 0 5.756531 -1.694341 0.990979  17 6 0 -2.857811 0.827519 -0.396449  18 6 0 -3.694469 -0.044191 0.383305  19 6 0 -5.100116 0.232396 0.461130  20 6 0 -5.626926 1.379049 -0.185122  21 6 0 -4.798286 2.238165 -0.859989  22 6 0 -3.418237 1.964304 -0.951579  23 6 0 -3.193614 -1.144791 1.131731  24 6 0 -4.030984 -1.950885 1.864941  25 6 0 -5.421231 -1.703903 1.896750  26 6 0 -5.938126 -0.631692 1.214314  27 6 0 1.653501 2.711426 0.404234  28 7 0 1.137769 3.837971 0.684994  29 6 0 2.008209 4.879139 1.191743  30 6 0 -1.566527 -1.671753 -1.517775  31 7 0 -1.058072 -2.805985 -1.777503  32 6 0 -1.908658 -3.812645 -2.379303  33 1 0 -0.980861 2.599991 0.278763  34 1 0 1.057177 -1.593099 -1.295924  35 1 0 3.093733 1.541661 -2.265188  36 1 0 5.540704 1.271455 -2.529225  37 1 0 6.793303 -0.243165 -1.029292  38 1 0 1.932680 -1.251668 1.473191  39 1 0 3.201573 -2.732823 2.960976  40 1 0 5.652441 -3.028871 2.654313  41 1 0 6.826828 -1.812150 0.856648  42 1 0 -6.692257 1.573377 -0.119680  43 1 0 -5.197267 3.127516 -1.334448  44 1 0 -2.782586 2.642142 -1.509799  45 1 0 -2.130301 -1.342515 1.135585  46 1 0 -3.619774 -2.779102 2.431080  47 1 0 -6.072146 -2.351874 2.472790  48 1 0 -7.001196 -0.417321 1.250943  49 1 0 2.727392 2.523693 0.528195  50 1 0 3.062868 4.575577 1.273374  51 1 0 -2.620340 -1.452367 -1.730513  52 1 0 -2.945491 -3.480246 -2.537739  53 1 0 1.939983 5.754851 0.538449  54 1 0 1.653282 5.195258 2.177873  55 1 0 -1.481370 -4.114980 -3.340787  56 1 0 -1.914851 -4.704259 -1.744449 |
| TM\_NP\_model\_scan\_m\_70\_m\_140 | 1 6 0 1.379548 0.671709 0.541529  2 6 0 0.533634 1.708049 0.140292  3 6 0 -0.860586 1.593449 0.137599  4 6 0 -1.452153 0.375248 0.535521  5 6 0 -0.614948 -0.665576 0.933509  6 6 0 0.777939 -0.545340 0.950315  7 6 0 -2.934055 0.185759 0.610886  8 6 0 -3.652389 0.833908 1.596168  9 6 0 -5.045682 0.652056 1.734326  10 6 0 -5.720931 -0.182766 0.880637  11 6 0 -5.032945 -0.866042 -0.154403  12 6 0 -3.618840 -0.681762 -0.301039  13 6 0 -2.958848 -1.356632 -1.363539  14 6 0 -3.650550 -2.179215 -2.219676  15 6 0 -5.041684 -2.370961 -2.063216  16 6 0 -5.714154 -1.725998 -1.055173  17 6 0 2.851856 0.863740 0.374615  18 6 0 3.686074 -0.059000 -0.353016  19 6 0 5.084471 0.234367 -0.492789  20 6 0 5.603110 1.451518 0.014955  21 6 0 4.770185 2.365453 0.607155  22 6 0 3.401425 2.073328 0.767293  23 6 0 3.191369 -1.219665 -1.010328  24 6 0 4.027797 -2.070038 -1.692987  25 6 0 5.414309 -1.812724 -1.764161  26 6 0 5.924115 -0.679616 -1.183229  27 6 0 -1.677388 2.727792 -0.342077  28 7 0 -1.172191 3.864164 -0.601515  29 6 0 -2.051576 4.905080 -1.093244  30 6 0 1.574250 -1.640167 1.549021  31 7 0 1.081733 -2.786420 1.784518  32 6 0 1.929380 -3.774419 2.420689  33 1 0 0.950904 2.636903 -0.226526  34 1 0 -1.039061 -1.599841 1.280409  35 1 0 -3.129771 1.484184 2.288897  36 1 0 -5.574711 1.171823 2.525145  37 1 0 -6.790658 -0.331389 0.984332  38 1 0 -1.893837 -1.214082 -1.494758  39 1 0 -3.126602 -2.684367 -3.023307  40 1 0 -5.575054 -3.024958 -2.743866  41 1 0 -6.783607 -1.862965 -0.932792  42 1 0 6.662470 1.656542 -0.097305  43 1 0 5.157867 3.312073 0.966006  44 1 0 2.769739 2.795332 1.271596  45 1 0 2.131436 -1.430025 -0.991615  46 1 0 3.616660 -2.941399 -2.190214  47 1 0 6.065622 -2.497483 -2.295391  48 1 0 6.982085 -0.450873 -1.259274  49 1 0 -2.748866 2.531423 -0.473091  50 1 0 -3.102899 4.592391 -1.182779  51 1 0 2.612797 -1.396998 1.806813  52 1 0 2.948963 -3.416365 2.627689  53 1 0 -1.993806 5.770336 -0.425226  54 1 0 -1.697407 5.241050 -2.073062  55 1 0 1.466657 -4.092538 3.360387  56 1 0 1.987893 -4.662194 1.783117 |
| TM\_NP\_model\_scan\_m\_70\_p\_20 | 1 6 0 1.407421 0.362283 -0.188778  2 6 0 0.852942 -0.901826 0.055639  3 6 0 -0.508706 -1.189869 -0.078748  4 6 0 -1.400637 -0.154993 -0.425548  5 6 0 -0.874069 1.118937 -0.628194  6 6 0 0.490169 1.400573 -0.517227  7 6 0 -2.861255 -0.387938 -0.643666  8 6 0 -3.275611 -1.092490 -1.756793  9 6 0 -4.644863 -1.302504 -2.029381  10 6 0 -5.601542 -0.805269 -1.181340  11 6 0 -5.230117 -0.081844 -0.019251  12 6 0 -3.841084 0.132756 0.262949  13 6 0 -3.495350 0.838614 1.447074  14 6 0 -4.464583 1.318701 2.294571  15 6 0 -5.833263 1.117790 2.006779  16 6 0 -6.203675 0.431491 0.877071  17 6 0 2.802028 0.621652 0.280001  18 6 0 3.878773 -0.319226 0.056588  19 6 0 5.183639 -0.017691 0.574319  20 6 0 5.423809 1.231922 1.198975  21 6 0 4.423704 2.163791 1.282047  22 6 0 3.132187 1.861701 0.806232  23 6 0 3.747758 -1.509579 -0.711649  24 6 0 4.799042 -2.379470 -0.881086  25 6 0 6.054419 -2.115700 -0.294366  26 6 0 6.239872 -0.951314 0.406420  27 6 0 -0.990319 -2.554063 0.222949  28 7 0 -0.194918 -3.529020 0.397200  29 6 0 -0.761512 -4.822636 0.720725  30 6 0 0.936190 2.744820 -0.953495  31 7 0 0.165533 3.754278 -0.942326  32 6 0 0.672287 5.004612 -1.471769  33 1 0 1.473358 -1.705354 0.425510  34 1 0 -1.526460 1.933356 -0.917612  35 1 0 -2.531250 -1.478273 -2.444502  36 1 0 -4.932618 -1.853763 -2.917477  37 1 0 -6.655721 -0.959003 -1.386876  38 1 0 -2.449613 0.995889 1.678613  39 1 0 -4.178320 1.854975 3.192287  40 1 0 -6.587936 1.504229 2.682521  41 1 0 -7.252639 0.268058 0.652539  42 1 0 6.415330 1.443295 1.585035  43 1 0 4.608520 3.132354 1.732536  44 1 0 2.350464 2.590153 0.974826  45 1 0 2.809700 -1.729705 -1.199383  46 1 0 4.661631 -3.272620 -1.480068  47 1 0 6.871279 -2.817177 -0.420654  48 1 0 7.210106 -0.711891 0.829127  49 1 0 -2.078085 -2.677840 0.297986  50 1 0 -1.860403 -4.823843 0.778438  51 1 0 1.963975 2.810940 -1.334683  52 1 0 1.712283 4.947455 -1.827768  53 1 0 -0.443992 -5.552490 -0.030788  54 1 0 -0.355953 -5.162518 1.678967  55 1 0 0.033340 5.329837 -2.299000  56 1 0 0.602775 5.777741 -0.699992 |
| TM\_NP\_model\_scan\_m\_70\_p\_30 | 1 6 0 1.399881 0.330336 -0.097584  2 6 0 0.837843 -0.926342 0.155263  3 6 0 -0.524048 -1.202081 -0.000697  4 6 0 -1.395362 -0.166332 -0.398813  5 6 0 -0.853371 1.097160 -0.624043  6 6 0 0.510816 1.369342 -0.483177  7 6 0 -2.852521 -0.392280 -0.648194  8 6 0 -3.245249 -1.123440 -1.751935  9 6 0 -4.609051 -1.330172 -2.052951  10 6 0 -5.582252 -0.803109 -1.242597  11 6 0 -5.233623 -0.051353 -0.091511  12 6 0 -3.850191 0.160378 0.219154  13 6 0 -3.528120 0.895825 1.391885  14 6 0 -4.513952 1.406150 2.201690  15 6 0 -5.876737 1.207548 1.885681  16 6 0 -6.224752 0.493427 0.766159  17 6 0 2.801373 0.586551 0.346652  18 6 0 3.882922 -0.317450 0.037492  19 6 0 5.197751 -0.021879 0.531034  20 6 0 5.427160 1.180124 1.246788  21 6 0 4.406094 2.071708 1.447217  22 6 0 3.107796 1.778549 0.983473  23 6 0 3.737012 -1.467767 -0.786119  24 6 0 4.796819 -2.303206 -1.048284  25 6 0 6.072382 -2.040459 -0.504713  26 6 0 6.265187 -0.917597 0.259388  27 6 0 -1.029452 -2.552196 0.324572  28 7 0 -0.250575 -3.529101 0.553793  29 6 0 -0.841151 -4.807024 0.896002  30 6 0 0.992382 2.702642 -0.911403  31 7 0 0.222623 3.710262 -0.986464  32 6 0 0.773142 4.952178 -1.491027  33 1 0 1.452209 -1.728707 0.540390  34 1 0 -1.491119 1.908618 -0.952049  35 1 0 -2.487387 -1.533845 -2.409992  36 1 0 -4.879273 -1.903095 -2.932817  37 1 0 -6.632269 -0.954359 -1.470109  38 1 0 -2.487169 1.051631 1.644846  39 1 0 -4.245575 1.964811 3.091255  40 1 0 -6.644659 1.617983 2.531687  41 1 0 -7.269161 0.331841 0.520080  42 1 0 6.425962 1.387398 1.616005  43 1 0 4.582634 3.000558 1.977624  44 1 0 2.310149 2.471554 1.219381  45 1 0 2.777620 -1.682706 -1.234516  46 1 0 4.651602 -3.168509 -1.685132  47 1 0 6.897364 -2.713710 -0.708396  48 1 0 7.247310 -0.685219 0.657884  49 1 0 -2.120274 -2.663126 0.367992  50 1 0 -1.941361 -4.796338 0.915971  51 1 0 2.049379 2.764789 -1.200949  52 1 0 1.841670 4.892395 -1.748403  53 1 0 -0.505726 -5.562184 0.178027  54 1 0 -0.471975 -5.121729 1.877294  55 1 0 0.212349 5.258889 -2.379768  56 1 0 0.631003 5.739543 -0.744031 |
| TM\_NP\_model\_scan\_m\_70\_p\_40 | 1 6 0 1.392888 0.307182 -0.005890  2 6 0 0.822678 -0.941579 0.256223  3 6 0 -0.538486 -1.207534 0.076855  4 6 0 -1.389511 -0.173101 -0.369056  5 6 0 -0.832455 1.080001 -0.614309  6 6 0 0.530990 1.343747 -0.446422  7 6 0 -2.842010 -0.393813 -0.650592  8 6 0 -3.212426 -1.148752 -1.745949  9 6 0 -4.569716 -1.353296 -2.076424  10 6 0 -5.559088 -0.800658 -1.303567  11 6 0 -5.233872 -0.024514 -0.161868  12 6 0 -3.857082 0.185488 0.178222  13 6 0 -3.559245 0.946060 1.341308  14 6 0 -4.561308 1.481055 2.114410  15 6 0 -5.917199 1.283666 1.769308  16 6 0 -6.242218 0.546236 0.658028  17 6 0 2.804515 0.556116 0.407860  18 6 0 3.882514 -0.312651 0.013551  19 6 0 5.207594 -0.032978 0.487015  20 6 0 5.439323 1.112316 1.289916  21 6 0 4.409571 1.962460 1.600228  22 6 0 3.102457 1.686675 1.149605  23 6 0 3.715378 -1.416971 -0.866593  24 6 0 4.774158 -2.221537 -1.214281  25 6 0 6.066885 -1.969228 -0.705948  26 6 0 6.275351 -0.893410 0.119645  27 6 0 -1.064973 -2.545644 0.417789  28 7 0 -0.301793 -3.523182 0.692639  29 6 0 -0.913546 -4.788444 1.044384  30 6 0 1.042386 2.668149 -0.864331  31 7 0 0.278853 3.672529 -1.012657  32 6 0 0.864510 4.909501 -1.488513  33 1 0 1.430078 -1.742590 0.656837  34 1 0 -1.455665 1.887777 -0.977590  35 1 0 -2.441350 -1.580170 -2.374552  36 1 0 -4.821924 -1.945145 -2.949091  37 1 0 -6.604146 -0.950103 -1.553942  38 1 0 -2.523871 1.101253 1.616467  39 1 0 -4.311276 2.058413 2.997372  40 1 0 -6.698036 1.713550 2.386542  41 1 0 -7.281281 0.385626 0.389683  42 1 0 6.445889 1.308405 1.643897  43 1 0 4.587966 2.844428 2.204901  44 1 0 2.298089 2.346803 1.451293  45 1 0 2.738067 -1.620927 -1.281693  46 1 0 4.615876 -3.054513 -1.889961  47 1 0 6.891835 -2.616767 -0.980851  48 1 0 7.268455 -0.674882 0.498246  49 1 0 -2.157479 -2.646988 0.430894  50 1 0 -2.013722 -4.769083 1.028595  51 1 0 2.118177 2.729225 -1.071873  52 1 0 1.949598 4.849268 -1.662948  53 1 0 -0.561444 -5.562289 0.354843  54 1 0 -0.578592 -5.083592 2.043878  55 1 0 0.372311 5.204582 -2.420756  56 1 0 0.664646 5.705030 -0.763683 |
| TM\_NP\_model\_scan\_m\_70\_p\_50 | 1 6 0 1.386369 0.283764 0.088072  2 6 0 0.805482 -0.956786 0.356297  3 6 0 -0.554390 -1.212662 0.151622  4 6 0 -1.383542 -0.179425 -0.338382  5 6 0 -0.809908 1.063047 -0.598757  6 6 0 0.552031 1.317444 -0.402478  7 6 0 -2.830758 -0.393562 -0.651987  8 6 0 -3.180428 -1.169065 -1.739713  9 6 0 -4.530731 -1.369083 -2.100125  10 6 0 -5.534236 -0.791260 -1.364814  11 6 0 -5.230788 0.006219 -0.231867  12 6 0 -3.861120 0.211611 0.138497  13 6 0 -3.585944 0.994071 1.292647  14 6 0 -4.602317 1.553613 2.028799  15 6 0 -5.950822 1.360498 1.653661  16 6 0 -6.254324 0.602753 0.550002  17 6 0 2.807560 0.519246 0.478740  18 6 0 3.877627 -0.304506 -0.011599  19 6 0 5.213125 -0.051580 0.446302  20 6 0 5.454484 1.017886 1.345625  21 6 0 4.423736 1.817227 1.768935  22 6 0 3.106878 1.568033 1.329817  23 6 0 3.685941 -1.343048 -0.963477  24 6 0 4.738516 -2.107793 -1.406034  25 6 0 6.046543 -1.876988 -0.926008  26 6 0 6.274954 -0.867501 -0.024950  27 6 0 -1.102390 -2.539191 0.503634  28 7 0 -0.356341 -3.516948 0.821451  29 6 0 -0.989403 -4.770206 1.178258  30 6 0 1.092442 2.633551 -0.806841  31 7 0 0.340856 3.632660 -1.032170  32 6 0 0.959939 4.865520 -1.474768  33 1 0 1.403391 -1.758012 0.771879  34 1 0 -1.417013 1.868095 -0.994080  35 1 0 -2.397751 -1.620570 -2.339204  36 1 0 -4.766201 -1.977478 -2.966065  37 1 0 -6.573958 -0.936869 -1.638552  38 1 0 -2.556521 1.146351 1.590750  39 1 0 -4.369461 2.147164 2.905714  40 1 0 -6.743036 1.809682 2.241982  41 1 0 -7.287688 0.445357 0.258732  42 1 0 6.468860 1.195707 1.686858  43 1 0 4.610281 2.637909 2.452344  44 1 0 2.301375 2.188746 1.705052  45 1 0 2.692825 -1.527746 -1.350553  46 1 0 4.564366 -2.892627 -2.133483  47 1 0 6.867218 -2.491495 -1.278598  48 1 0 7.278463 -0.671120 0.338069  49 1 0 -2.195594 -2.631648 0.485410  50 1 0 -2.088344 -4.742763 1.127117  51 1 0 2.181299 2.695237 -0.926494  52 1 0 2.055448 4.806215 -1.562612  53 1 0 -0.622066 -5.560203 0.515488  54 1 0 -0.688636 -5.048167 2.193440  55 1 0 0.541760 5.148818 -2.445972  56 1 0 0.702233 5.668476 -0.776834 |
| TM\_NP\_model\_scan\_m\_70\_p\_60 | 1 6 0 -1.381593 0.249679 -0.193518  2 6 0 -0.783129 -0.981385 -0.459443  3 6 0 0.575497 -1.221278 -0.226410  4 6 0 1.377061 -0.184412 0.301766  5 6 0 0.782101 1.047635 0.563385  6 6 0 -0.577539 1.287492 0.332692  7 6 0 2.817350 -0.386306 0.654024  8 6 0 3.143772 -1.173350 1.740698  9 6 0 4.484900 -1.362518 2.139050  10 6 0 5.502844 -0.761473 1.443264  11 6 0 5.223694 0.049078 0.313355  12 6 0 3.863427 0.242844 -0.095894  13 6 0 3.613630 1.039004 -1.246472  14 6 0 4.644727 1.622419 -1.942547  15 6 0 5.983492 1.440776 -1.528800  16 6 0 6.262869 0.670267 -0.427628  17 6 0 -2.812139 0.458044 -0.572442  18 6 0 -3.868208 -0.296452 0.038517  19 6 0 -5.216449 -0.084298 -0.401099  20 6 0 -5.477899 0.871652 -1.415395  21 6 0 -4.454708 1.598659 -1.968506  22 6 0 -3.125601 1.391744 -1.541915  23 6 0 -3.644650 -1.229535 1.087261  24 6 0 -4.684904 -1.928478 1.650786  25 6 0 -6.009221 -1.733219 1.199446  26 6 0 -6.265388 -0.829166 0.199059  27 6 0 1.150895 -2.534867 -0.582942  28 7 0 0.428102 -3.514537 -0.945578  29 6 0 1.088012 -4.753679 -1.302829  30 6 0 -1.149759 2.596557 0.712257  31 7 0 -0.420315 3.587862 1.027097  32 6 0 -1.075183 4.817670 1.423837  33 1 0 -1.366106 -1.787672 -0.887149  34 1 0 1.368661 1.855095 0.984124  35 1 0 2.349052 -1.642813 2.309799  36 1 0 4.701633 -1.980897 3.002807  37 1 0 6.535549 -0.898273 1.746488  38 1 0 2.591935 1.182762 -1.573971  39 1 0 4.431226 2.226125 -2.817460  40 1 0 6.787426 1.908774 -2.085730  41 1 0 7.288767 0.521508 -0.106933  42 1 0 -6.501508 1.019990 -1.742983  43 1 0 -4.657679 2.330244 -2.742444  44 1 0 -2.326367 1.958642 -2.006108  45 1 0 -2.636026 -1.384579 1.447258  46 1 0 -4.489142 -2.633749 2.450628  47 1 0 -6.820490 -2.294021 1.649796  48 1 0 -7.280696 -0.665242 -0.146938  49 1 0 2.243825 -2.615373 -0.528319  50 1 0 2.184015 -4.715510 -1.211150  51 1 0 -2.244830 2.661558 0.724936  52 1 0 -2.174161 4.763290 1.400810  53 1 0 0.705865 -5.560401 -0.669236  54 1 0 0.827481 -5.014855 -2.333494  55 1 0 -0.754972 5.084455 2.436107  56 1 0 -0.745380 5.629042 0.767197 |
| TM\_NP\_model\_scan\_m\_70\_p\_70 | 1 6 0 -1.375107 -0.192753 0.280405  2 6 0 -0.752518 1.027969 0.531514  3 6 0 0.605352 1.243248 0.268343  4 6 0 1.375095 0.192761 -0.280285  5 6 0 0.752491 -1.027910 -0.531485  6 6 0 -0.605393 -1.243205 -0.268259  7 6 0 2.811272 0.367810 -0.662854  8 6 0 3.130535 1.152006 -1.753642  9 6 0 4.466578 1.315906 -2.179399  10 6 0 5.486726 0.692789 -1.506621  11 6 0 5.215199 -0.115324 -0.373123  12 6 0 3.860204 -0.283428 0.063916  13 6 0 3.618906 -1.076865 1.218228  14 6 0 4.652622 -1.681736 1.891737  15 6 0 5.985754 -1.525695 1.450299  16 6 0 6.257185 -0.758477 0.344861  17 6 0 -2.811249 -0.367870 0.663006  18 6 0 -3.860217 0.283330 -0.063773  19 6 0 -5.215193 0.115211 0.373279  20 6 0 -5.486716 -0.692978 1.506749  21 6 0 -4.466558 -1.316087 2.179493  22 6 0 -3.130499 -1.152089 1.753762  23 6 0 -3.618908 1.076804 -1.218023  24 6 0 -4.652635 1.681736 -1.891491  25 6 0 -5.985749 1.525703 -1.450044  26 6 0 -6.257179 0.758421 -0.344631  27 6 0 1.212635 2.545751 0.612078  28 7 0 0.516954 3.536465 0.997131  29 6 0 1.207424 4.763504 1.337779  30 6 0 -1.212637 -2.545693 -0.612180  31 7 0 -0.516994 -3.536149 -0.997935  32 6 0 -1.207400 -4.763243 -1.338560  33 1 0 -1.315186 1.845641 0.965077  34 1 0 1.315105 -1.845581 -0.965125  35 1 0 2.333593 1.638815 -2.304792  36 1 0 4.677495 1.932653 -3.045753  37 1 0 6.515405 0.810184 -1.830917  38 1 0 2.601652 -1.201071 1.566871  39 1 0 4.445647 -2.282699 2.770109  40 1 0 6.791775 -2.010469 1.989594  41 1 0 7.278919 -0.629083 0.003171  42 1 0 -6.515402 -0.810410 1.831006  43 1 0 -4.677431 -1.932919 3.045797  44 1 0 -2.333552 -1.638835 2.304956  45 1 0 -2.601658 1.200986 -1.566699  46 1 0 -4.445646 2.282719 -2.769847  47 1 0 -6.791764 2.010558 -1.989275  48 1 0 -7.278909 0.629010 -0.002938  49 1 0 2.304822 2.607924 0.527264  50 1 0 2.299681 4.707134 1.215627  51 1 0 -2.304792 -2.608015 -0.526947  52 1 0 -2.299598 -4.707122 -1.215780  53 1 0 0.821527 5.577718 0.716145  54 1 0 0.980003 5.027126 2.375639  55 1 0 -0.980505 -5.026486 -2.376629  56 1 0 -0.821000 -5.577578 -0.717396 |
| TM\_NP\_model\_scan\_m\_70\_p\_80 | 1 6 0 1.371641 -0.101383 -0.374352  2 6 0 0.712969 1.106520 -0.586833  3 6 0 -0.645218 1.278426 -0.292085  4 6 0 -1.373555 0.196684 0.251826  5 6 0 -0.714889 -1.013751 0.458356  6 6 0 0.641648 -1.186259 0.159731  7 6 0 -2.802745 0.326901 0.676265  8 6 0 -3.109775 1.078165 1.793461  9 6 0 -4.436588 1.198646 2.260561  10 6 0 -5.459909 0.564714 1.602897  11 6 0 -5.201132 -0.210870 0.443964  12 6 0 -3.855692 -0.334140 -0.035471  13 6 0 -3.628256 -1.094496 -1.214542  14 6 0 -4.665622 -1.710731 -1.872002  15 6 0 -5.988713 -1.599675 -1.388687  16 6 0 -6.247053 -0.864634 -0.258512  17 6 0 2.813982 -0.220180 -0.761307  18 6 0 3.849730 0.271854 0.095863  19 6 0 5.214266 0.160219 -0.327980  20 6 0 5.506417 -0.434699 -1.582072  21 6 0 4.496953 -0.903566 -2.383809  22 6 0 3.150866 -0.796225 -1.969135  23 6 0 3.581932 0.858220 1.362418  24 6 0 4.602407 1.314233 2.161663  25 6 0 5.946568 1.209499 1.738455  26 6 0 6.242150 0.645013 0.522353  27 6 0 -1.295090 2.569978 -0.596644  28 7 0 -0.636537 3.583896 -0.986683  29 6 0 -1.367551 4.797700 -1.287631  30 6 0 1.290174 -2.484086 0.437967  31 7 0 0.639563 -3.489412 0.861750  32 6 0 1.368464 -4.713951 1.121446  33 1 0 1.246745 1.949926 -1.007443  34 1 0 -1.246979 -1.857102 0.881307  35 1 0 -2.309536 1.572819 2.332724  36 1 0 -4.637568 1.790711 3.146276  37 1 0 -6.481430 0.648712 1.958650  38 1 0 -2.618786 -1.183950 -1.595119  39 1 0 -4.469418 -2.286086 -2.769779  40 1 0 -6.797621 -2.093244 -1.915544  41 1 0 -7.261317 -0.769362 0.115153  42 1 0 6.542201 -0.512748 -1.895498  43 1 0 4.724243 -1.356666 -3.342192  44 1 0 2.363378 -1.165475 -2.616744  45 1 0 2.554854 0.943852 1.694356  46 1 0 4.376656 1.758190 3.124716  47 1 0 6.742127 1.575138 2.377913  48 1 0 7.272266 0.559215 0.192263  49 1 0 -2.385557 2.602652 -0.479248  50 1 0 -2.454004 4.711413 -1.134938  51 1 0 2.372734 -2.530669 0.263982  52 1 0 2.446486 -4.641824 0.912418  53 1 0 -0.984381 5.612021 -0.664460  54 1 0 -1.177322 5.082827 -2.327300  55 1 0 1.228633 -4.999478 2.168933  56 1 0 0.942151 -5.521019 0.517124 |
| TM\_NP\_model\_scan\_m\_70\_p\_90 | 1 6 0 1.365374 0.009309 -0.424515  2 6 0 0.671426 1.206368 -0.572360  3 6 0 -0.686792 1.326435 -0.250818  4 6 0 -1.377151 0.200572 0.250502  5 6 0 -0.682810 -0.999818 0.390645  6 6 0 0.673079 -1.119855 0.066191  7 6 0 -2.803456 0.269098 0.698319  8 6 0 -3.117546 0.957732 1.853262  9 6 0 -4.441282 1.016805 2.340590  10 6 0 -5.454377 0.385358 1.664912  11 6 0 -5.188576 -0.325191 0.466511  12 6 0 -3.846466 -0.385642 -0.033599  13 6 0 -3.612775 -1.078585 -1.252367  14 6 0 -4.640658 -1.690531 -1.928479  15 6 0 -5.959944 -1.642711 -1.424795  16 6 0 -6.224431 -0.973225 -0.255922  17 6 0 2.809836 -0.047000 -0.820453  18 6 0 3.844261 0.246651 0.124516  19 6 0 5.210864 0.199580 -0.304463  20 6 0 5.505800 -0.134254 -1.651291  21 6 0 4.496805 -0.408882 -2.538878  22 6 0 3.148273 -0.363905 -2.119573  23 6 0 3.571557 0.582232 1.478029  24 6 0 4.590444 0.856745 2.358267  25 6 0 5.937295 0.810851 1.932970  26 6 0 6.237050 0.489769 0.632143  27 6 0 -1.375029 2.613030 -0.483078  28 7 0 -0.749712 3.661258 -0.835455  29 6 0 -1.516532 4.868618 -1.064410  30 6 0 1.357565 -2.415655 0.251569  31 7 0 0.750885 -3.447939 0.675522  32 6 0 1.510790 -4.671491 0.829055  33 1 0 1.176814 2.084210 -0.955806  34 1 0 -1.186727 -1.877779 0.776074  35 1 0 -2.325016 1.449113 2.406693  36 1 0 -4.647927 1.559802 3.255947  37 1 0 -6.473237 0.422574 2.035952  38 1 0 -2.606231 -1.119120 -1.648762  39 1 0 -4.439872 -2.213522 -2.856762  40 1 0 -6.761246 -2.132442 -1.966640  41 1 0 -7.236142 -0.926005 0.133488  42 1 0 6.543360 -0.166824 -1.966881  43 1 0 4.726113 -0.661229 -3.568043  44 1 0 2.360971 -0.581392 -2.832716  45 1 0 2.541821 0.623277 1.810601  46 1 0 4.361548 1.112454 3.386746  47 1 0 6.731650 1.030910 2.637310  48 1 0 7.269190 0.453684 0.299181  49 1 0 -2.463627 2.611631 -0.345548  50 1 0 -2.597868 4.745927 -0.900763  51 1 0 2.426363 -2.437678 0.002928  52 1 0 2.571316 -4.573205 0.552385  53 1 0 -1.144994 5.660419 -0.406123  54 1 0 -1.349886 5.210722 -2.090838  55 1 0 1.444937 -5.006754 1.869015  56 1 0 1.054913 -5.456459 0.217205 |
| TM\_NP\_model\_scan\_m\_70\_p\_100 | 1 6 0 1.361793 0.141073 -0.455680  2 6 0 0.631771 1.324213 -0.512968  3 6 0 -0.727064 1.380768 -0.176004  4 6 0 -1.380069 0.202098 0.247332  5 6 0 -0.651976 -0.985893 0.288403  6 6 0 0.702938 -1.043079 -0.054987  7 6 0 -2.801644 0.196402 0.715039  8 6 0 -3.118161 0.788005 1.922019  9 6 0 -4.435614 0.771270 2.429202  10 6 0 -5.439914 0.160738 1.721948  11 6 0 -5.171561 -0.451914 0.471220  12 6 0 -3.836008 -0.434352 -0.049437  13 6 0 -3.600356 -1.030342 -1.318074  14 6 0 -4.619730 -1.623391 -2.023328  15 6 0 -5.932123 -1.652597 -1.500538  16 6 0 -6.198558 -1.077591 -0.282840  17 6 0 2.809767 0.163336 -0.839799  18 6 0 3.836327 0.212763 0.157606  19 6 0 5.207608 0.243745 -0.257221  20 6 0 5.515287 0.232609 -1.642118  21 6 0 4.514190 0.196097 -2.578869  22 6 0 3.161000 0.162060 -2.173885  23 6 0 3.551332 0.240352 1.549525  24 6 0 4.562668 0.285348 2.478863  25 6 0 5.914243 0.307613 2.067626  26 6 0 6.225851 0.289116 0.730551  27 6 0 -1.453554 2.660447 -0.306631  28 7 0 -0.862924 3.748240 -0.592859  29 6 0 -1.666695 4.946113 -0.724663  30 6 0 1.418346 -2.334204 0.001408  31 7 0 0.855091 -3.404843 0.388410  32 6 0 1.639766 -4.622342 0.402634  33 1 0 1.110587 2.243482 -0.827071  34 1 0 -1.128964 -1.905062 0.606077  35 1 0 -2.332071 1.260215 2.500770  36 1 0 -4.644168 1.238528 3.385032  37 1 0 -6.453597 0.139617 2.108140  38 1 0 -2.599091 -1.011894 -1.729340  39 1 0 -4.417432 -2.071666 -2.989597  40 1 0 -6.726590 -2.126552 -2.065936  41 1 0 -7.205099 -1.089887 0.122303  42 1 0 6.556293 0.256767 -1.947029  43 1 0 4.753502 0.191582 -3.636297  44 1 0 2.380467 0.129469 -2.925729  45 1 0 2.518564 0.231312 1.875121  46 1 0 4.323563 0.307270 3.536167  47 1 0 6.702580 0.343064 2.811096  48 1 0 7.261571 0.311230 0.407574  49 1 0 -2.539297 2.618554 -0.154011  50 1 0 -2.741306 4.780784 -0.554363  51 1 0 2.469154 -2.318342 -0.314713  52 1 0 2.677883 -4.485499 0.064374  53 1 0 -1.306583 5.700169 -0.017522  54 1 0 -1.526813 5.364140 -1.726714  55 1 0 1.648310 -5.031987 1.417704  56 1 0 1.154228 -5.369828 -0.232892 |
| TM\_NP\_model\_scan\_m\_70\_p\_110 | 1 6 0 1.357465 0.255525 -0.428466  2 6 0 0.596233 1.420564 -0.394975  3 6 0 -0.763754 1.417438 -0.059432  4 6 0 -1.387125 0.194703 0.272812  5 6 0 -0.629335 -0.974368 0.222559  6 6 0 0.725600 -0.972432 -0.124885  7 6 0 -2.809334 0.119392 0.732152  8 6 0 -3.143900 0.612608 1.977827  9 6 0 -4.462886 0.530518 2.474508  10 6 0 -5.450857 -0.046266 1.717632  11 6 0 -5.163773 -0.558754 0.426768  12 6 0 -3.826299 -0.475638 -0.082804  13 6 0 -3.572050 -0.972200 -1.390029  14 6 0 -4.575354 -1.532548 -2.143407  15 6 0 -5.889638 -1.625969 -1.632886  16 6 0 -6.173958 -1.147525 -0.378105  17 6 0 2.804044 0.353664 -0.799899  18 6 0 3.841128 0.168903 0.172222  19 6 0 5.208424 0.292547 -0.239793  20 6 0 5.503714 0.608332 -1.590908  21 6 0 4.493755 0.801892 -2.498172  22 6 0 3.145164 0.676158 -2.097989  23 6 0 3.572803 -0.114424 1.538696  24 6 0 4.594549 -0.286518 2.441511  25 6 0 5.941762 -0.181565 2.028882  26 6 0 6.237825 0.104879 0.719323  27 6 0 -1.522041 2.684913 -0.095769  28 7 0 -0.958576 3.806076 -0.294476  29 6 0 -1.792937 4.989444 -0.340239  30 6 0 1.460015 -2.252635 -0.197698  31 7 0 0.934194 -3.355558 0.149044  32 6 0 1.730494 -4.559426 0.025861  33 1 0 1.052653 2.374007 -0.630649  34 1 0 -1.084150 -1.927593 0.462977  35 1 0 -2.370938 1.058266 2.594104  36 1 0 -4.685559 0.920810 3.461170  37 1 0 -6.465645 -0.117309 2.094829  38 1 0 -2.569329 -0.903058 -1.792150  39 1 0 -4.359036 -1.904654 -3.138543  40 1 0 -6.671349 -2.072754 -2.236873  41 1 0 -7.182078 -1.209958 0.018409  42 1 0 6.542186 0.699280 -1.891626  43 1 0 4.722375 1.049336 -3.528653  44 1 0 2.357583 0.824179 -2.828238  45 1 0 2.544169 -0.186574 1.868745  46 1 0 4.366583 -0.500010 3.479769  47 1 0 6.738589 -0.321132 2.750741  48 1 0 7.269873 0.196619 0.396940  49 1 0 -2.607035 2.603948 0.046004  50 1 0 -2.863037 4.784254 -0.185611  51 1 0 2.488061 -2.200545 -0.578104  52 1 0 2.741967 -4.383730 -0.370011  53 1 0 -1.453214 5.698800 0.421120  54 1 0 -1.663087 5.483264 -1.308625  55 1 0 1.811621 -5.037807 1.007083  56 1 0 1.211059 -5.268550 -0.626579 |
| TM\_NP\_model\_scan\_m\_70\_p\_120 | 1 6 0 1.355226 0.337742 -0.423943  2 6 0 0.571242 1.485552 -0.330744  3 6 0 -0.788347 1.441842 0.002034  4 6 0 -1.389698 0.194127 0.275936  5 6 0 -0.611863 -0.957367 0.163377  6 6 0 0.741789 -0.914909 -0.185455  7 6 0 -2.808509 0.071259 0.735004  8 6 0 -3.146881 0.496988 2.004341  9 6 0 -4.462124 0.366780 2.500697  10 6 0 -5.442559 -0.190520 1.719794  11 6 0 -5.151523 -0.633984 0.404499  12 6 0 -3.817915 -0.501806 -0.104761  13 6 0 -3.560076 -0.928816 -1.435609  14 6 0 -4.556050 -1.470266 -2.212162  15 6 0 -5.866219 -1.612790 -1.702406  16 6 0 -6.154147 -1.201338 -0.424879  17 6 0 2.805821 0.488652 -0.752743  18 6 0 3.836341 0.125793 0.178148  19 6 0 5.207222 0.315820 -0.196139  20 6 0 5.514820 0.883081 -1.459129  21 6 0 4.512490 1.263901 -2.314055  22 6 0 3.161420 1.070387 -1.954503  23 6 0 3.561880 -0.384917 1.476102  24 6 0 4.578139 -0.720815 2.338081  25 6 0 5.928096 -0.562176 1.953453  26 6 0 6.231202 -0.051043 0.716231  27 6 0 -1.568051 2.696599 0.029253  28 7 0 -1.024231 3.835687 -0.114437  29 6 0 -1.878630 5.005493 -0.100457  30 6 0 1.483914 -2.181875 -0.356458  31 7 0 0.990346 -3.305308 -0.029103  32 6 0 1.785738 -4.493550 -0.262102  33 1 0 1.011479 2.458924 -0.508412  34 1 0 -1.050544 -1.929902 0.350707  35 1 0 -2.379458 0.926249 2.638891  36 1 0 -4.687645 0.704574 3.505908  37 1 0 -6.454304 -0.298755 2.096299  38 1 0 -2.560595 -0.820767 -1.837100  39 1 0 -4.337232 -1.789381 -3.224996  40 1 0 -6.642125 -2.044065 -2.324880  41 1 0 -7.159317 -1.301746 -0.028625  42 1 0 6.556088 1.020236 -1.731196  43 1 0 4.749488 1.709610 -3.273486  44 1 0 2.381143 1.362617 -2.648152  45 1 0 2.533116 -0.500235 1.791553  46 1 0 4.342636 -1.104480 3.324412  47 1 0 6.720527 -0.834711 2.641351  48 1 0 7.264994 0.089240 0.417815  49 1 0 -2.651307 2.590285 0.167896  50 1 0 -2.944718 4.774804 0.045617  51 1 0 2.484836 -2.100909 -0.798712  52 1 0 2.766911 -4.288765 -0.715942  53 1 0 -1.549104 5.682069 0.694452  54 1 0 -1.759513 5.548534 -1.043527  55 1 0 1.936404 -5.016299 0.687753  56 1 0 1.228956 -5.176843 -0.911274 |
| TM\_NP\_model\_scan\_m\_70\_p\_130 | 1 6 0 1.353426 0.380179 -0.426045  2 6 0 0.555597 1.516719 -0.297818  3 6 0 -0.802371 1.452184 0.035276  4 6 0 -1.391402 0.192953 0.280721  5 6 0 -0.601923 -0.947015 0.137182  6 6 0 0.750247 -0.883444 -0.214048  7 6 0 -2.807971 0.044831 0.738712  8 6 0 -3.149589 0.436707 2.018040  9 6 0 -4.463484 0.282707 2.511265  10 6 0 -5.439402 -0.263508 1.716982  11 6 0 -5.145176 -0.671451 0.390910  12 6 0 -3.812964 -0.515336 -0.115015  13 6 0 -3.552181 -0.905618 -1.456538  14 6 0 -4.544007 -1.434906 -2.246662  15 6 0 -5.852659 -1.601486 -1.740401  16 6 0 -6.143428 -1.225621 -0.452547  17 6 0 2.807910 0.566517 -0.712642  18 6 0 3.836069 0.081530 0.167502  19 6 0 5.208326 0.337349 -0.163594  20 6 0 5.521596 1.097620 -1.318639  21 6 0 4.522364 1.608929 -2.106160  22 6 0 3.172083 1.350331 -1.792826  23 6 0 3.563325 -0.599730 1.385685  24 6 0 4.578730 -1.044318 2.198051  25 6 0 5.929184 -0.831659 1.843084  26 6 0 6.231849 -0.150066 0.691357  27 6 0 -1.592051 2.699587 0.097590  28 7 0 -1.058145 3.846191 -0.021197  29 6 0 -1.921295 5.008559 0.027368  30 6 0 1.488365 -2.142960 -0.450802  31 7 0 1.014426 -3.276460 -0.129795  32 6 0 1.797595 -4.455731 -0.437752  33 1 0 0.985979 2.500023 -0.440639  34 1 0 -1.031184 -1.928537 0.297486  35 1 0 -2.385694 0.857013 2.662753  36 1 0 -4.691538 0.593841 3.524479  37 1 0 -6.450053 -0.389642 2.090840  38 1 0 -2.553910 -0.778573 -1.855417  39 1 0 -4.323085 -1.725674 -3.267544  40 1 0 -6.625295 -2.022859 -2.373637  41 1 0 -7.147603 -1.344433 -0.058844  42 1 0 6.563915 1.281242 -1.557142  43 1 0 4.761550 2.208033 -2.977442  44 1 0 2.396239 1.744226 -2.439391  45 1 0 2.536293 -0.757899 1.685988  46 1 0 4.341007 -1.555771 3.124015  47 1 0 6.720984 -1.193924 2.489007  48 1 0 7.265244 0.039760 0.420292  49 1 0 -2.673557 2.581231 0.239984  50 1 0 -2.984755 4.766082 0.173342  51 1 0 2.465001 -2.046155 -0.941393  52 1 0 2.753972 -4.236196 -0.935524  53 1 0 -1.592383 5.666998 0.837619  54 1 0 -1.811581 5.576475 -0.902083  55 1 0 1.997456 -5.005275 0.487566  56 1 0 1.208441 -5.121221 -1.076786 |
| TM\_NP\_model\_scan\_m\_70\_p\_140 | 1 6 0 1.354614 0.417832 -0.445176  2 6 0 0.544051 1.545542 -0.301360  3 6 0 -0.812498 1.468248 0.032033  4 6 0 -1.391020 0.203681 0.273967  5 6 0 -0.592447 -0.927766 0.117365  6 6 0 0.757412 -0.851243 -0.239279  7 6 0 -2.803589 0.040236 0.738385  8 6 0 -3.141943 0.421800 2.021736  9 6 0 -4.451150 0.250845 2.521755  10 6 0 -5.425534 -0.302524 1.730538  11 6 0 -5.134646 -0.700530 0.400717  12 6 0 -3.807427 -0.526586 -0.112372  13 6 0 -3.550341 -0.906933 -1.457475  14 6 0 -4.540677 -1.443997 -2.244199  15 6 0 -5.844087 -1.628689 -1.730760  16 6 0 -6.131430 -1.262414 -0.439376  17 6 0 2.815350 0.627611 -0.679245  18 6 0 3.833178 0.043699 0.156679  19 6 0 5.210457 0.336542 -0.122756  20 6 0 5.540981 1.243355 -1.160517  21 6 0 4.551956 1.868409 -1.875379  22 6 0 3.199161 1.569337 -1.619680  23 6 0 3.550754 -0.758323 1.297104  24 6 0 4.556961 -1.291990 2.066104  25 6 0 5.911445 -1.055974 1.744100  26 6 0 6.225114 -0.251988 0.677954  27 6 0 -1.610739 2.709709 0.106465  28 7 0 -1.086573 3.860915 -0.010930  29 6 0 -1.957866 5.016661 0.050197  30 6 0 1.485633 -2.106976 -0.527312  31 7 0 1.025692 -3.246369 -0.207583  32 6 0 1.792085 -4.419551 -0.575329  33 1 0 0.964729 2.535473 -0.423823  34 1 0 -1.013304 -1.914541 0.267351  35 1 0 -2.378791 0.846607 2.664374  36 1 0 -4.676660 0.554311 3.537860  37 1 0 -6.432387 -0.442158 2.109807  38 1 0 -2.556125 -0.766008 -1.861762  39 1 0 -4.322639 -1.727025 -3.267871  40 1 0 -6.615522 -2.056271 -2.361294  41 1 0 -7.131694 -1.395075 -0.040165  42 1 0 6.586726 1.452200 -1.359843  43 1 0 4.801505 2.587157 -2.647581  44 1 0 2.435486 2.049757 -2.220345  45 1 0 2.522749 -0.936513 1.579491  46 1 0 4.307429 -1.891772 2.934149  47 1 0 6.696296 -1.491976 2.351750  48 1 0 7.261060 -0.035100 0.438775  49 1 0 -2.690202 2.582417 0.256526  50 1 0 -3.018406 4.765524 0.202542  51 1 0 2.438795 -2.000547 -1.060451  52 1 0 2.726857 -4.190153 -1.108449  53 1 0 -1.628024 5.673124 0.861665  54 1 0 -1.859222 5.590389 -0.876916  55 1 0 2.030337 -4.990099 0.327900  56 1 0 1.174632 -5.069668 -1.203403 |
| TM\_NP\_model\_scan\_m\_70\_p\_150 | 1 6 0 1.358192 0.444576 -0.474465  2 6 0 0.534670 1.565132 -0.328815  3 6 0 -0.820144 1.480958 0.006859  4 6 0 -1.389427 0.215393 0.263441  5 6 0 -0.582721 -0.909737 0.108314  6 6 0 0.764588 -0.826073 -0.255843  7 6 0 -2.797281 0.045577 0.738977  8 6 0 -3.128829 0.435227 2.021712  9 6 0 -4.432801 0.258338 2.533161  10 6 0 -5.408742 -0.309369 1.754102  11 6 0 -5.124846 -0.716232 0.425461  12 6 0 -3.803061 -0.536115 -0.099370  13 6 0 -3.553255 -0.925657 -1.443190  14 6 0 -4.545241 -1.477289 -2.217659  15 6 0 -5.843113 -1.668135 -1.692541  16 6 0 -6.123477 -1.293229 -0.402115  17 6 0 2.825470 0.673654 -0.652507  18 6 0 3.832761 0.013232 0.144280  19 6 0 5.214834 0.333701 -0.081446  20 6 0 5.562023 1.355919 -0.998536  21 6 0 4.582263 2.069392 -1.638976  22 6 0 3.227925 1.737732 -1.445810  23 6 0 3.540832 -0.881129 1.211694  24 6 0 4.537492 -1.488243 1.937613  25 6 0 5.895824 -1.238358 1.645598  26 6 0 6.220548 -0.336658 0.664836  27 6 0 -1.625178 2.718503 0.077083  28 7 0 -1.108869 3.871987 -0.051709  29 6 0 -1.986749 5.022925 0.006326  30 6 0 1.478409 -2.081914 -0.583494  31 7 0 1.024031 -3.224424 -0.267652  32 6 0 1.770793 -4.394341 -0.683211  33 1 0 0.943425 2.560511 -0.442628  34 1 0 -0.995393 -1.899549 0.260961  35 1 0 -2.364077 0.871002 2.655038  36 1 0 -4.652933 0.568482 3.548424  37 1 0 -6.411517 -0.453866 2.142238  38 1 0 -2.563347 -0.780068 -1.856321  39 1 0 -4.332829 -1.767132 -3.240603  40 1 0 -6.615863 -2.107251 -2.313460  41 1 0 -7.119518 -1.430561 0.005967  42 1 0 6.610637 1.584252 -1.156901  43 1 0 4.840250 2.882405 -2.307964  44 1 0 2.478991 2.286037 -2.004667  45 1 0 2.512081 -1.070880 1.480235  46 1 0 4.275732 -2.155563 2.751018  47 1 0 6.673522 -1.735253 2.214431  48 1 0 7.258845 -0.099091 0.457744  49 1 0 -2.702954 2.585699 0.234370  50 1 0 -3.044877 4.766406 0.166130  51 1 0 2.412562 -1.971103 -1.148704  52 1 0 2.688377 -4.159295 -1.243038  53 1 0 -1.656565 5.686840 0.811561  54 1 0 -1.896658 5.590884 -0.925195  55 1 0 2.036444 -4.983252 0.200391  56 1 0 1.128991 -5.029265 -1.302363 |
| TM\_NP\_model\_scan\_m\_70\_p\_160 | 1 6 0 1.363943 0.467442 -0.502771  2 6 0 0.525014 1.580654 -0.367818  3 6 0 -0.828412 1.492316 -0.030759  4 6 0 -1.388423 0.228736 0.252373  5 6 0 -0.573088 -0.890645 0.108339  6 6 0 0.771837 -0.802575 -0.263143  7 6 0 -2.791399 0.057300 0.740640  8 6 0 -3.115721 0.467352 2.018890  9 6 0 -4.414328 0.290363 2.543728  10 6 0 -5.392134 -0.298058 1.782594  11 6 0 -5.115669 -0.726439 0.459166  12 6 0 -3.799379 -0.546339 -0.079344  13 6 0 -3.557286 -0.957886 -1.417974  14 6 0 -4.551304 -1.530250 -2.174595  15 6 0 -5.843597 -1.720961 -1.635814  16 6 0 -6.116529 -1.325163 -0.350062  17 6 0 2.836976 0.715771 -0.623309  18 6 0 3.836710 -0.011286 0.131245  19 6 0 5.222524 0.328362 -0.045747  20 6 0 5.581980 1.444891 -0.838625  21 6 0 4.607889 2.232748 -1.393776  22 6 0 3.253408 1.877021 -1.260983  23 6 0 3.539873 -0.981625 1.129188  24 6 0 4.529811 -1.650692 1.808715  25 6 0 5.890693 -1.392851 1.538701  26 6 0 6.222368 -0.411476 0.640808  27 6 0 -1.640797 2.726204 0.021391  28 7 0 -1.132456 3.880672 -0.128130  29 6 0 -2.017488 5.026892 -0.087100  30 6 0 1.468620 -2.060898 -0.623454  31 7 0 1.013627 -3.204854 -0.314393  32 6 0 1.738763 -4.373144 -0.770922  33 1 0 0.918249 2.581274 -0.482948  34 1 0 -0.977157 -1.882508 0.270368  35 1 0 -2.349190 0.919579 2.638378  36 1 0 -4.628767 0.616836 3.555076  37 1 0 -6.390766 -0.442875 2.181149  38 1 0 -2.571721 -0.812571 -1.841495  39 1 0 -4.344841 -1.836640 -3.193923  40 1 0 -6.617982 -2.176536 -2.242674  41 1 0 -7.108295 -1.462345 0.068331  42 1 0 6.632409 1.686783 -0.960153  43 1 0 4.869981 3.122843 -1.954186  44 1 0 2.519559 2.485796 -1.774153  45 1 0 2.511880 -1.179255 1.391259  46 1 0 4.259100 -2.372142 2.571407  47 1 0 6.663361 -1.941409 2.065289  48 1 0 7.262009 -0.158050 0.461213  49 1 0 -2.717261 2.589077 0.183975  50 1 0 -3.073514 4.766265 0.079629  51 1 0 2.387086 -1.948506 -1.213641  52 1 0 2.642530 -4.135129 -1.351562  53 1 0 -1.689693 5.706285 0.706099  54 1 0 -1.933406 5.579691 -1.028250  55 1 0 2.024011 -4.979897 0.094343  56 1 0 1.075082 -4.991875 -1.383361 |
| TM\_NP\_model\_scan\_m\_80\_m\_0 | 1 6 0 1.418322 0.483725 0.000865  2 6 0 0.845409 -0.785056 -0.193745  3 6 0 -0.520926 -1.018563 -0.384339  4 6 0 -1.396683 0.075979 -0.492554  5 6 0 -0.852353 1.350469 -0.357399  6 6 0 0.505975 1.578060 -0.127163  7 6 0 -2.858022 -0.070029 -0.780101  8 6 0 -3.278819 -0.280717 -2.077355  9 6 0 -4.650234 -0.392050 -2.397057  10 6 0 -5.599626 -0.293824 -1.411840  11 6 0 -5.219192 -0.084292 -0.061485  12 6 0 -3.828936 0.028388 0.267516  13 6 0 -3.470584 0.222567 1.628978  14 6 0 -4.430388 0.308652 2.608545  15 6 0 -5.801072 0.205586 2.280603  16 6 0 -6.182989 0.013051 0.976012  17 6 0 2.899225 0.607288 -0.204594  18 6 0 3.833722 -0.425188 0.218777  19 6 0 5.229791 -0.263884 -0.082099  20 6 0 5.702009 0.958605 -0.621319  21 6 0 4.834875 2.000002 -0.807761  22 6 0 3.456756 1.825715 -0.569861  23 6 0 3.486413 -1.560495 1.004459  24 6 0 4.409684 -2.520916 1.347063  25 6 0 5.751251 -2.414124 0.928641  26 6 0 6.149685 -1.294986 0.243833  27 6 0 -1.008087 -2.408714 -0.501968  28 7 0 -0.231241 -3.409740 -0.413695  29 6 0 -0.806232 -4.733834 -0.535155  30 6 0 0.870702 2.972954 0.224815  31 7 0 0.238252 3.979845 -0.220708  32 6 0 0.609801 5.291344 0.271885  33 1 0 1.469080 -1.661149 -0.271753  34 1 0 -1.494604 2.220354 -0.416499  35 1 0 -2.539999 -0.350896 -2.867887  36 1 0 -4.944981 -0.551392 -3.428112  37 1 0 -6.654673 -0.375579 -1.651265  38 1 0 -2.422615 0.302969 1.889555  39 1 0 -4.135971 0.456406 3.641516  40 1 0 -6.548371 0.277387 3.062829  41 1 0 -7.233642 -0.069936 0.717759  42 1 0 6.759202 1.063768 -0.840220  43 1 0 5.190258 2.958741 -1.167789  44 1 0 2.810347 2.641560 -0.856673  45 1 0 2.482117 -1.663349 1.384665  46 1 0 4.099984 -3.362094 1.956884  47 1 0 6.465216 -3.189700 1.181377  48 1 0 7.189940 -1.160201 -0.033731  49 1 0 -2.086954 -2.530225 -0.662568  50 1 0 -1.895601 -4.731622 -0.690314  51 1 0 1.687224 3.084342 0.951943  52 1 0 1.441198 5.276029 0.993398  53 1 0 -0.329428 -5.257324 -1.369918  54 1 0 -0.577639 -5.309280 0.367544  55 1 0 0.884254 5.930037 -0.573532  56 1 0 -0.260276 5.756155 0.746417 |
| TM\_NP\_model\_scan\_m\_80\_m\_10 | 1 6 0 1.418226 0.439797 -0.088324  2 6 0 0.831559 -0.819249 -0.290686  3 6 0 -0.541603 -1.025410 -0.459275  4 6 0 -1.402151 0.087237 -0.514239  5 6 0 -0.839541 1.350950 -0.355814  6 6 0 0.528289 1.552739 -0.154922  7 6 0 -2.872333 -0.030681 -0.769759  8 6 0 -3.327154 -0.198395 -2.061775  9 6 0 -4.707335 -0.280136 -2.351254  10 6 0 -5.631453 -0.195602 -1.341082  11 6 0 -5.215831 -0.030427 0.005039  12 6 0 -3.816523 0.052066 0.303351  13 6 0 -3.423084 0.201730 1.660690  14 6 0 -4.357913 0.273625 2.665252  15 6 0 -5.737429 0.200397 2.367789  16 6 0 -6.153111 0.051336 1.067836  17 6 0 2.898136 0.554842 -0.278308  18 6 0 3.823754 -0.438669 0.233114  19 6 0 5.226848 -0.283434 -0.032528  20 6 0 5.700935 0.892855 -0.665307  21 6 0 4.828397 1.897456 -0.986006  22 6 0 3.446096 1.732570 -0.766876  23 6 0 3.448242 -1.532472 1.062566  24 6 0 4.365363 -2.457501 1.503581  25 6 0 5.725191 -2.351983 1.145858  26 6 0 6.142715 -1.275990 0.405198  27 6 0 -1.055792 -2.403382 -0.602196  28 7 0 -0.292918 -3.418492 -0.573182  29 6 0 -0.893877 -4.729039 -0.713790  30 6 0 0.944970 2.929425 0.205199  31 7 0 0.294736 3.957440 -0.159734  32 6 0 0.731905 5.249887 0.328979  33 1 0 1.448379 -1.700350 -0.384975  34 1 0 -1.471762 2.230053 -0.373814  35 1 0 -2.608567 -0.257067 -2.871671  36 1 0 -5.028926 -0.405630 -3.378967  37 1 0 -6.693050 -0.254515 -1.557144  38 1 0 -2.368119 0.259602 1.897828  39 1 0 -4.036766 0.387237 3.694576  40 1 0 -6.464743 0.260670 3.169579  41 1 0 -7.210751 -0.008561 0.832747  42 1 0 6.763617 0.993512 -0.858504  43 1 0 5.185978 2.817790 -1.433505  44 1 0 2.791052 2.508588 -1.137018  45 1 0 2.423753 -1.630035 1.388212  46 1 0 4.037716 -3.270024 2.142229  47 1 0 6.435972 -3.098472 1.481648  48 1 0 7.192563 -1.148727 0.162332  49 1 0 -2.141492 -2.502998 -0.727891  50 1 0 -1.988021 -4.705178 -0.828289  51 1 0 1.824817 3.008562 0.858280  52 1 0 1.621476 5.202923 0.975720  53 1 0 -0.456669 -5.233350 -1.581397  54 1 0 -0.641832 -5.335997 0.161616  55 1 0 0.945092 5.904341 -0.522085  56 1 0 -0.085421 5.717722 0.887035 |
| TM\_NP\_model\_scan\_m\_80\_m\_20 | 1 6 0 1.418326 0.399506 -0.171185  2 6 0 0.815425 -0.848586 -0.378025  3 6 0 -0.563938 -1.026082 -0.524849  4 6 0 -1.405909 0.103840 -0.530749  5 6 0 -0.822498 1.355191 -0.351468  6 6 0 0.553766 1.529924 -0.178941  7 6 0 -2.883064 0.013407 -0.757850  8 6 0 -3.366393 -0.112991 -2.044207  9 6 0 -4.753064 -0.169886 -2.307241  10 6 0 -5.655232 -0.102554 -1.276151  11 6 0 -5.210138 0.020490 0.065004  12 6 0 -3.804046 0.078370 0.336398  13 6 0 -3.381206 0.186327 1.688813  14 6 0 -4.294359 0.241471 2.714144  15 6 0 -5.680476 0.192104 2.443493  16 6 0 -6.124419 0.083619 1.148897  17 6 0 2.899086 0.502617 -0.339251  18 6 0 3.810936 -0.452309 0.251762  19 6 0 5.219291 -0.308434 0.012809  20 6 0 5.701496 0.812400 -0.708645  21 6 0 4.831789 1.774082 -1.149665  22 6 0 3.445587 1.624514 -0.943969  23 6 0 3.406657 -1.501384 1.123615  24 6 0 4.312240 -2.391528 1.650930  25 6 0 5.685143 -2.290531 1.342625  26 6 0 6.124536 -1.261362 0.549528  27 6 0 -1.107018 -2.390448 -0.689712  28 7 0 -0.361489 -3.418415 -0.717101  29 6 0 -0.990019 -4.714007 -0.874620  30 6 0 1.021849 2.888812 0.180334  31 7 0 0.361886 3.935006 -0.108233  32 6 0 0.863610 5.209056 0.366504  33 1 0 1.422457 -1.736312 -0.485556  34 1 0 -1.441936 2.243411 -0.332471  35 1 0 -2.665175 -0.158591 -2.870014  36 1 0 -5.097119 -0.262944 -3.331132  37 1 0 -6.721683 -0.142906 -1.471602  38 1 0 -2.320943 0.225614 1.905071  39 1 0 -3.950944 0.323262 3.739300  40 1 0 -6.390454 0.238579 3.261580  41 1 0 -7.187293 0.042335 0.934289  42 1 0 6.768283 0.904629 -0.882668  43 1 0 5.197235 2.647501 -1.677656  44 1 0 2.787432 2.361487 -1.384721  45 1 0 2.367417 -1.591932 1.403549  46 1 0 3.966575 -3.173452 2.317685  47 1 0 6.387693 -3.007805 1.751571  48 1 0 7.181719 -1.144679 0.334805  49 1 0 -2.197886 -2.468178 -0.780947  50 1 0 -2.086865 -4.668576 -0.950269  51 1 0 1.955417 2.939710 0.756301  52 1 0 1.803456 5.132376 0.934386  53 1 0 -0.591790 -5.199474 -1.771268  54 1 0 -0.718751 -5.350830 -0.026611  55 1 0 1.017151 5.877158 -0.486836  56 1 0 0.105459 5.679698 1.000576 |
| TM\_NP\_model\_scan\_m\_80\_m\_30 | 1 6 0 1.418273 0.363717 -0.252527  2 6 0 0.800621 -0.874294 -0.461511  3 6 0 -0.583923 -1.026708 -0.584920  4 6 0 -1.407941 0.117270 -0.547367  5 6 0 -0.805417 1.356631 -0.349852  6 6 0 0.577545 1.507354 -0.203566  7 6 0 -2.890564 0.050713 -0.747523  8 6 0 -3.399113 -0.039557 -2.027165  9 6 0 -4.790918 -0.074371 -2.265743  10 6 0 -5.673088 -0.020757 -1.216733  11 6 0 -5.201915 0.066770 0.118293  12 6 0 -3.790453 0.102345 0.364843  13 6 0 -3.341708 0.175986 1.711172  14 6 0 -4.235258 0.219710 2.754190  15 6 0 -5.626567 0.191983 2.508229  16 6 0 -6.095386 0.116534 1.220063  17 6 0 2.901193 0.455098 -0.393702  18 6 0 3.796188 -0.459033 0.272772  19 6 0 5.208762 -0.331454 0.053769  20 6 0 5.703543 0.725247 -0.751356  21 6 0 4.842065 1.638128 -1.301279  22 6 0 3.452065 1.507490 -1.107168  23 6 0 3.363689 -1.457337 1.189020  24 6 0 4.254526 -2.311732 1.794134  25 6 0 5.636776 -2.220208 1.524086  26 6 0 6.099160 -1.243248 0.679314  27 6 0 -1.153659 -2.378412 -0.763003  28 7 0 -0.425796 -3.416834 -0.835380  29 6 0 -1.079644 -4.698938 -0.999912  30 6 0 1.090913 2.850213 0.149388  31 7 0 0.425220 3.910400 -0.066435  32 6 0 0.983276 5.168640 0.386618  33 1 0 1.398060 -1.768132 -0.580035  34 1 0 -1.412393 2.252150 -0.297633  35 1 0 -2.713637 -0.074583 -2.866600  36 1 0 -5.154702 -0.139771 -3.284947  37 1 0 -6.743375 -0.044517 -1.392994  38 1 0 -2.277245 0.198422 1.908255  39 1 0 -3.872273 0.275727 3.774325  40 1 0 -6.320900 0.229025 3.340119  41 1 0 -7.162433 0.092209 1.024387  42 1 0 6.773690 0.806131 -0.909866  43 1 0 5.218800 2.457512 -1.902899  44 1 0 2.794836 2.205208 -1.610820  45 1 0 2.313606 -1.537362 1.431793  46 1 0 3.891322 -3.058436 2.491266  47 1 0 6.328038 -2.907594 1.998438  48 1 0 7.161929 -1.140948 0.485927  49 1 0 -2.247865 -2.437300 -0.822528  50 1 0 -2.177399 -4.634983 -1.041645  51 1 0 2.068943 2.877837 0.647051  52 1 0 1.964272 5.068839 0.875767  53 1 0 -0.716101 -5.172065 -1.917643  54 1 0 -0.793595 -5.357158 -0.173356  55 1 0 1.078512 5.848752 -0.465767  56 1 0 0.285695 5.639398 1.086721 |
| TM\_NP\_model\_scan\_m\_80\_m\_40 | 1 6 0 1.418422 0.332337 -0.339360  2 6 0 0.787106 -0.896261 -0.549928  3 6 0 -0.601731 -1.027148 -0.648691  4 6 0 -1.408866 0.127854 -0.569879  5 6 0 -0.788432 1.355883 -0.358183  6 6 0 0.599879 1.485512 -0.238242  7 6 0 -2.896383 0.082380 -0.738818  8 6 0 -3.433265 0.023619 -2.008703  9 6 0 -4.830097 0.009521 -2.218023  10 6 0 -5.688986 0.053031 -1.149397  11 6 0 -5.188399 0.109942 0.176542  12 6 0 -3.771689 0.124292 0.393400  13 6 0 -3.293647 0.168576 1.730958  14 6 0 -4.164276 0.204706 2.793454  15 6 0 -5.560708 0.197730 2.576859  16 6 0 -6.057638 0.150471 1.297924  17 6 0 2.904431 0.408934 -0.450102  18 6 0 3.775341 -0.459275 0.297566  19 6 0 5.192507 -0.359612 0.097234  20 6 0 5.709027 0.617232 -0.791213  21 6 0 4.864738 1.476369 -1.445818  22 6 0 3.470180 1.374144 -1.265606  23 6 0 3.308950 -1.389230 1.266998  24 6 0 4.177896 -2.201870 1.955189  25 6 0 5.568104 -2.132104 1.718597  26 6 0 6.059943 -1.224579 0.814709  27 6 0 -1.195315 -2.367302 -0.835261  28 7 0 -0.484378 -3.413764 -0.948802  29 6 0 -1.160650 -4.683890 -1.115460  30 6 0 1.152503 2.814859 0.102562  31 7 0 0.484496 3.885049 -0.047462  32 6 0 1.090151 5.131190 0.376374  33 1 0 1.375230 -1.795643 -0.678617  34 1 0 -1.383464 2.257121 -0.275442  35 1 0 -2.766147 -0.003291 -2.863109  36 1 0 -5.216224 -0.032031 -3.230233  37 1 0 -6.763002 0.045010 -1.302941  38 1 0 -2.225072 0.175097 1.905586  39 1 0 -3.779159 0.238797 3.806414  40 1 0 -6.236774 0.228534 3.423923  41 1 0 -7.128819 0.142365 1.124772  42 1 0 6.782624 0.678653 -0.934744  43 1 0 5.259928 2.230102 -2.117391  44 1 0 2.821603 2.030845 -1.832996  45 1 0 2.249778 -1.449401 1.476329  46 1 0 3.792503 -2.898871 2.690810  47 1 0 6.242381 -2.784783 2.261492  48 1 0 7.128011 -1.145517 0.640484  49 1 0 -2.291527 -2.410482 -0.862689  50 1 0 -2.258185 -4.604542 -1.123572  51 1 0 2.165657 2.824942 0.524179  52 1 0 2.103582 5.014719 0.789626  53 1 0 -0.830818 -5.146162 -2.051280  54 1 0 -0.859652 -5.359917 -0.308802  55 1 0 1.129817 5.819940 -0.473504  56 1 0 0.452311 5.601656 1.131480 |
| TM\_NP\_model\_scan\_m\_80\_m\_50 | 1 6 0 1.419045 0.289523 -0.440052  2 6 0 0.767462 -0.928075 -0.641894  3 6 0 -0.625454 -1.033145 -0.714467  4 6 0 -1.410143 0.135137 -0.600794  5 6 0 -0.765610 1.350913 -0.390940  6 6 0 0.627833 1.455602 -0.304581  7 6 0 -2.902284 0.115366 -0.730372  8 6 0 -3.475205 0.079968 -1.985233  9 6 0 -4.877421 0.089689 -2.155283  10 6 0 -5.705387 0.132541 -1.062487  11 6 0 -5.167176 0.164933 0.249522  12 6 0 -3.744955 0.155741 0.426433  13 6 0 -3.229102 0.175471 1.750530  14 6 0 -4.068998 0.209782 2.837521  15 6 0 -5.470849 0.225782 2.660341  16 6 0 -6.004010 0.203082 1.395373  17 6 0 2.908711 0.336688 -0.529171  18 6 0 3.746064 -0.456735 0.326766  19 6 0 5.168462 -0.399143 0.152011  20 6 0 5.717985 0.453967 -0.838431  21 6 0 4.901318 1.233555 -1.616883  22 6 0 3.501366 1.176864 -1.454237  23 6 0 3.236068 -1.273225 1.372925  24 6 0 4.073788 -2.012067 2.173483  25 6 0 5.471901 -1.977191 1.976238  26 6 0 6.002984 -1.184250 0.990154  27 6 0 -1.247336 -2.360042 -0.903219  28 7 0 -0.558035 -3.415391 -1.059831  29 6 0 -1.260550 -4.671380 -1.225059  30 6 0 1.223401 2.772286 0.008590  31 7 0 0.556826 3.851403 -0.065101  32 6 0 1.214839 5.085434 0.313230  33 1 0 1.341111 -1.836697 -0.775297  34 1 0 -1.343702 2.260740 -0.285119  35 1 0 -2.832770 0.053446 -2.858380  36 1 0 -5.292299 0.066655 -3.156654  37 1 0 -6.783260 0.142320 -1.186013  38 1 0 -2.156102 0.164644 1.895344  39 1 0 -3.655195 0.224815 3.839570  40 1 0 -6.122439 0.254781 3.526441  41 1 0 -7.079623 0.212702 1.252384  42 1 0 6.795240 0.484042 -0.963617  43 1 0 5.323434 1.890170 -2.369209  44 1 0 2.871025 1.775716 -2.101574  45 1 0 2.168479 -1.304170 1.545021  46 1 0 3.658787 -2.624204 2.966307  47 1 0 6.121493 -2.569471 2.610804  48 1 0 7.076719 -1.138093 0.840572  49 1 0 -2.344408 -2.385172 -0.894207  50 1 0 -2.356295 -4.574455 -1.194359  51 1 0 2.271224 2.766089 0.333822  52 1 0 2.261943 4.952786 0.625080  53 1 0 -0.970228 -5.122165 -2.179404  54 1 0 -0.943560 -5.366280 -0.440884  55 1 0 1.180272 5.784756 -0.528178  56 1 0 0.658136 5.552552 1.131975 |
| TM\_NP\_model\_scan\_m\_80\_m\_60 | 1 6 0 1.419008 0.230028 -0.526385  2 6 0 0.747038 -0.979551 -0.697732  3 6 0 -0.649097 -1.060609 -0.742567  4 6 0 -1.410937 0.122608 -0.623192  5 6 0 -0.742995 1.329316 -0.435032  6 6 0 0.653847 1.410014 -0.378722  7 6 0 -2.905439 0.127278 -0.725617  8 6 0 -3.501130 0.092682 -1.969882  9 6 0 -4.905695 0.126754 -2.115309  10 6 0 -5.713242 0.193807 -1.008532  11 6 0 -5.151320 0.227092 0.293490  12 6 0 -3.726574 0.192971 0.445357  13 6 0 -3.187146 0.214647 1.759988  14 6 0 -4.006871 0.273999 2.861198  15 6 0 -5.411103 0.314360 2.708615  16 6 0 -5.966894 0.290535 1.453450  17 6 0 2.911677 0.248150 -0.604759  18 6 0 3.725155 -0.433177 0.359757  19 6 0 5.149913 -0.419961 0.198610  20 6 0 5.722466 0.275101 -0.896929  21 6 0 4.925389 0.938416 -1.794710  22 6 0 3.522455 0.924815 -1.643433  23 6 0 3.184984 -1.103332 1.491091  24 6 0 3.999604 -1.742104 2.394753  25 6 0 5.401589 -1.745613 2.220506  26 6 0 5.960105 -1.095644 1.148417  27 6 0 -1.298174 -2.377945 -0.904153  28 7 0 -0.631040 -3.446411 -1.067829  29 6 0 -1.358703 -4.691570 -1.203197  30 6 0 1.288781 2.718093 -0.113960  31 7 0 0.631110 3.805035 -0.127514  32 6 0 1.336502 5.031758 0.182568  33 1 0 1.305248 -1.899475 -0.821074  34 1 0 -1.303565 2.249768 -0.326556  35 1 0 -2.874988 0.047423 -2.854041  36 1 0 -5.338648 0.103178 -3.108996  37 1 0 -6.792773 0.222276 -1.113295  38 1 0 -2.112133 0.185717 1.886182  39 1 0 -3.575121 0.290407 3.855620  40 1 0 -6.046603 0.362999 3.585709  41 1 0 -7.044509 0.318761 1.329222  42 1 0 6.801482 0.275104 -1.010116  43 1 0 5.365502 1.469903 -2.630908  44 1 0 2.905808 1.434863 -2.375059  45 1 0 2.113028 -1.103990 1.639980  46 1 0 3.564343 -2.245693 3.250613  47 1 0 6.032651 -2.256973 2.938660  48 1 0 7.036560 -1.084462 1.012339  49 1 0 -2.394996 -2.384042 -0.868344  50 1 0 -2.451558 -4.575586 -1.146137  51 1 0 2.361872 2.698767 0.113556  52 1 0 2.406891 4.887103 0.393723  53 1 0 -1.100082 -5.156308 -2.159979  54 1 0 -1.033959 -5.384449 -0.420391  55 1 0 1.230285 5.729325 -0.654287  56 1 0 0.865626 5.507498 1.048836 |
| TM\_NP\_model\_scan\_m\_80\_m\_70 | 1 6 0 1.418071 0.125074 -0.624843  2 6 0 0.716612 -1.074368 -0.725905  3 6 0 -0.682151 -1.122333 -0.742007  4 6 0 -1.412603 0.083805 -0.660120  5 6 0 -0.712687 1.281602 -0.543835  6 6 0 0.686681 1.329305 -0.519834  7 6 0 -2.908775 0.119836 -0.727062  8 6 0 -3.537054 0.042067 -1.953203  9 6 0 -4.943824 0.102369 -2.064951  10 6 0 -5.720789 0.239183 -0.942781  11 6 0 -5.124803 0.318676 0.341966  12 6 0 -3.697713 0.258101 0.459635  13 6 0 -3.124233 0.326392 1.758164  14 6 0 -3.913642 0.454621 2.875542  15 6 0 -5.320092 0.520947 2.756311  16 6 0 -5.908501 0.453504 1.517727  17 6 0 2.913300 0.098625 -0.689302  18 6 0 3.695636 -0.395331 0.404308  19 6 0 5.122702 -0.436208 0.274680  20 6 0 5.726123 0.016431 -0.926373  21 6 0 4.956649 0.495845 -1.955811  22 6 0 3.550603 0.537038 -1.832923  23 6 0 3.118206 -0.831380 1.627579  24 6 0 3.902114 -1.293984 2.656924  25 6 0 5.307687 -1.345188 2.521434  26 6 0 5.900637 -0.923883 1.357250  27 6 0 -1.365912 -2.428895 -0.831089  28 7 0 -0.728237 -3.519572 -0.962828  29 6 0 -1.488412 -4.750909 -1.027867  30 6 0 1.365454 2.630724 -0.350850  31 7 0 0.730639 3.731120 -0.352787  32 6 0 1.482930 4.952655 -0.152040  33 1 0 1.251960 -2.012542 -0.806771  34 1 0 -1.248640 2.219991 -0.469952  35 1 0 -2.935411 -0.058719 -2.849691  36 1 0 -5.402933 0.043196 -3.045336  37 1 0 -6.801769 0.288053 -1.021966  38 1 0 -2.047272 0.277790 1.859156  39 1 0 -3.455937 0.505620 3.857106  40 1 0 -5.931392 0.623853 3.645813  41 1 0 -6.988080 0.501022 1.419115  42 1 0 6.806735 -0.021594 -1.015531  43 1 0 5.421232 0.840976 -2.872582  44 1 0 2.955215 0.905992 -2.660719  45 1 0 2.042362 -0.795121 1.742302  46 1 0 3.440330 -1.621799 3.581511  47 1 0 5.914470 -1.714839 3.340367  48 1 0 6.979750 -0.954820 1.247708  49 1 0 -2.461502 -2.406539 -0.771660  50 1 0 -2.576506 -4.605513 -0.950519  51 1 0 2.453108 2.594504 -0.210535  52 1 0 2.564039 4.792174 -0.023165  53 1 0 -1.264201 -5.261938 -1.969646  54 1 0 -1.161345 -5.417985 -0.223919  55 1 0 1.321568 5.618850 -1.005476  56 1 0 1.094126 5.472630 0.729357 |
| TM\_NP\_model\_scan\_m\_80\_m\_80 | 1 6 0 -1.414117 0.038633 -0.681067  2 6 0 -0.682149 1.222475 -0.648185  3 6 0 0.718008 1.233122 -0.641369  4 6 0 1.415150 0.005346 -0.677662  5 6 0 0.683067 -1.178853 -0.695183  6 6 0 -0.717083 -1.189610 -0.693415  7 6 0 2.910813 -0.063804 -0.732379  8 6 0 3.555940 0.123841 -1.937673  9 6 0 4.961935 0.037925 -2.041688  10 6 0 5.721175 -0.236826 -0.932774  11 6 0 5.107513 -0.435501 0.330518  12 6 0 3.681083 -0.348479 0.440484  13 6 0 3.090031 -0.538630 1.718769  14 6 0 3.861842 -0.806848 2.823531  15 6 0 5.267447 -0.898761 2.711268  16 6 0 5.872710 -0.716051 1.492642  17 6 0 -2.909834 0.110914 -0.734058  18 6 0 -3.681689 0.317722 0.453789  19 6 0 -5.107816 0.413009 0.347852  20 6 0 -5.719655 0.299172 -0.926816  21 6 0 -4.958847 0.097689 -2.050311  22 6 0 -3.553003 0.003928 -1.950141  23 6 0 -3.092086 0.423992 1.742473  24 6 0 -3.865242 0.619722 2.861425  25 6 0 -5.270688 0.719196 2.753653  26 6 0 -5.874455 0.617160 1.524867  27 6 0 1.437660 2.521514 -0.579064  28 7 0 0.832509 3.638033 -0.607683  29 6 0 1.626471 4.846661 -0.523443  30 6 0 -1.437382 -2.479152 -0.690146  31 7 0 -0.831781 -3.594023 -0.752548  32 6 0 -1.626913 -4.804580 -0.727859  33 1 0 -1.192836 2.177537 -0.630444  34 1 0 1.193806 -2.133837 -0.716340  35 1 0 2.968205 0.334294 -2.824298  36 1 0 5.434573 0.187183 -3.005938  37 1 0 6.801451 -0.305896 -1.006255  38 1 0 2.013541 -0.471673 1.814051  39 1 0 3.390784 -0.949505 3.789620  40 1 0 5.864742 -1.112406 3.590524  41 1 0 6.951800 -0.782549 1.399829  42 1 0 -6.799747 0.374081 -0.997306  43 1 0 -5.430079 0.012816 -3.023030  44 1 0 -2.964063 -0.148007 -2.847841  45 1 0 -2.015660 0.351096 1.834460  46 1 0 -3.395407 0.699173 3.835340  47 1 0 -5.869037 0.875204 3.644224  48 1 0 -6.953380 0.690350 1.435192  49 1 0 2.530479 2.461012 -0.498826  50 1 0 2.708349 4.662477 -0.441837  51 1 0 -2.531368 -2.421397 -0.624209  52 1 0 -2.709791 -4.623096 -0.653928  53 1 0 1.436526 5.463742 -1.407427  54 1 0 1.299803 5.430978 0.342704  55 1 0 -1.424824 -5.385656 -1.633312  56 1 0 -1.312276 -5.423544 0.118430 |
| TM\_NP\_model\_scan\_m\_80\_m\_90 | 1 6 0 -1.404710 0.264130 -0.652109  2 6 0 -0.634249 1.401605 -0.429665  3 6 0 0.766015 1.364083 -0.423969  4 6 0 1.421664 0.135329 -0.656008  5 6 0 0.650229 -1.005092 -0.866344  6 6 0 -0.749089 -0.967916 -0.869309  7 6 0 2.914288 0.025669 -0.727803  8 6 0 3.565864 0.379041 -1.891748  9 6 0 4.968380 0.264300 -2.014607  10 6 0 5.717664 -0.205101 -0.965896  11 6 0 5.097145 -0.579168 0.253497  12 6 0 3.674163 -0.464447 0.382060  13 6 0 3.076243 -0.834137 1.617039  14 6 0 3.838141 -1.297095 2.662632  15 6 0 5.240189 -1.415276 2.531278  16 6 0 5.852018 -1.063154 1.353770  17 6 0 -2.897710 0.393400 -0.686312  18 6 0 -3.683521 0.206138 0.495378  19 6 0 -5.106717 0.353814 0.414359  20 6 0 -5.701567 0.685044 -0.830160  21 6 0 -4.926863 0.863225 -1.947943  22 6 0 -3.523711 0.715807 -1.872510  23 6 0 -3.108899 -0.124147 1.752225  24 6 0 -3.894599 -0.300962 2.865666  25 6 0 -5.297893 -0.156192 2.783208  26 6 0 -5.886665 0.164306 1.584976  27 6 0 1.527256 2.602161 -0.160407  28 7 0 0.958462 3.728261 -0.011936  29 6 0 1.790529 4.882553 0.259290  30 6 0 -1.513340 -2.209843 -1.104086  31 7 0 -0.944569 -3.327238 -1.307339  32 6 0 -1.781529 -4.489495 -1.524064  33 1 0 -1.113009 2.357176 -0.254051  34 1 0 1.128729 -1.959758 -1.047897  35 1 0 2.985830 0.744975 -2.731659  36 1 0 5.446116 0.547293 -2.945806  37 1 0 6.795101 -0.297044 -1.054363  38 1 0 2.002399 -0.748332 1.725929  39 1 0 3.362015 -1.574761 3.596319  40 1 0 5.829512 -1.783755 3.363390  41 1 0 6.928399 -1.149229 1.246749  42 1 0 -6.779634 0.795951 -0.881620  43 1 0 -5.384922 1.118297 -2.896910  44 1 0 -2.923985 0.859441 -2.764323  45 1 0 -2.033834 -0.232102 1.824513  46 1 0 -3.436570 -0.551565 3.815912  47 1 0 -5.906351 -0.297729 3.669340  48 1 0 -6.963532 0.278285 1.515300  49 1 0 2.617397 2.494918 -0.093114  50 1 0 2.865854 4.653521 0.306254  51 1 0 -2.606650 -2.114443 -1.092579  52 1 0 -2.859780 -4.272599 -1.489035  53 1 0 1.621386 5.637472 -0.515205  54 1 0 1.481778 5.332607 1.208221  55 1 0 -1.538881 -4.930697 -2.496071  56 1 0 -1.546971 -5.246555 -0.768983 |
| TM\_NP\_model\_scan\_m\_80\_m\_100 | 1 6 0 -1.395736 0.433546 -0.590680  2 6 0 -0.593382 1.517061 -0.244896  3 6 0 0.805506 1.442327 -0.252566  4 6 0 1.427094 0.231377 -0.626407  5 6 0 0.624266 -0.854938 -0.966834  6 6 0 -0.773164 -0.780087 -0.959954  7 6 0 2.915863 0.089229 -0.717978  8 6 0 3.574957 0.554898 -1.837296  9 6 0 4.972870 0.412201 -1.981507  10 6 0 5.710115 -0.197805 -0.998682  11 6 0 5.081950 -0.688596 0.174588  12 6 0 3.663766 -0.545302 0.324891  13 6 0 3.058583 -1.031999 1.514951  14 6 0 3.808985 -1.632608 2.496933  15 6 0 5.206010 -1.779566 2.343062  16 6 0 5.824683 -1.316998 1.208098  17 6 0 -2.884162 0.603328 -0.583815  18 6 0 -3.683589 0.110558 0.497501  19 6 0 -5.102704 0.306163 0.458005  20 6 0 -5.680558 0.988308 -0.643483  21 6 0 -4.892931 1.461084 -1.661868  22 6 0 -3.493908 1.266896 -1.628547  23 6 0 -3.126027 -0.561611 1.618350  24 6 0 -3.924460 -1.024308 2.636659  25 6 0 -5.324372 -0.837875 2.591286  26 6 0 -5.896351 -0.185864 1.526963  27 6 0 1.600888 2.620482 0.148509  28 7 0 1.064452 3.738685 0.423439  29 6 0 1.929102 4.830202 0.822553  30 6 0 -1.569379 -1.958446 -1.359814  31 7 0 -1.031843 -3.070888 -1.654557  32 6 0 -1.897806 -4.165869 -2.041134  33 1 0 -1.045643 2.456488 0.048220  34 1 0 1.076596 -1.792629 -1.265833  35 1 0 3.004161 1.031890 -2.626283  36 1 0 5.456473 0.785291 -2.877257  37 1 0 6.783769 -0.312882 -1.104493  38 1 0 1.988499 -0.924783 1.640454  39 1 0 3.327578 -1.997440 3.397321  40 1 0 5.786158 -2.257278 3.124543  41 1 0 6.897405 -1.424126 1.084625  42 1 0 -6.755803 1.131754 -0.664275  43 1 0 -5.337612 1.984865 -2.500510  44 1 0 -2.884372 1.641873 -2.443065  45 1 0 -2.053441 -0.702516 1.665724  46 1 0 -3.478575 -1.533461 3.483718  47 1 0 -5.943179 -1.207879 3.401009  48 1 0 -6.970196 -0.034700 1.488250  49 1 0 2.687260 2.474630 0.202607  50 1 0 2.996951 4.565253 0.845279  51 1 0 -2.657384 -1.819045 -1.392180  52 1 0 -2.967502 -3.907892 -2.039133  53 1 0 1.786069 5.671236 0.136572  54 1 0 1.629428 5.181051 1.815226  55 1 0 -1.616802 -4.509915 -3.041626  56 1 0 -1.734737 -5.009077 -1.362402 |
| TM\_NP\_model\_scan\_m\_80\_m\_110 | 1 6 0 -1.389957 0.518587 -0.557167  2 6 0 -0.565510 1.573171 -0.173338  3 6 0 0.831546 1.474737 -0.190153  4 6 0 1.430401 0.268360 -0.611955  5 6 0 0.606816 -0.788067 -0.994697  6 6 0 -0.788858 -0.689084 -0.980633  7 6 0 2.916072 0.102755 -0.712678  8 6 0 3.581445 0.599305 -1.814841  9 6 0 4.976225 0.436841 -1.968109  10 6 0 5.704001 -0.223796 -1.011315  11 6 0 5.069211 -0.747665 0.143993  12 6 0 3.654179 -0.584584 0.303414  13 6 0 3.042531 -1.104449 1.476001  14 6 0 3.783847 -1.755011 2.432750  15 6 0 5.177570 -1.921753 2.269466  16 6 0 5.802337 -1.428168 1.151014  17 6 0 -2.873080 0.712044 -0.506328  18 6 0 -3.683209 0.052072 0.475243  19 6 0 -5.096265 0.292409 0.484057  20 6 0 -5.657586 1.185826 -0.464153  21 6 0 -4.858779 1.825421 -1.377071  22 6 0 -3.466647 1.588847 -1.392234  23 6 0 -3.143159 -0.818711 1.460071  24 6 0 -3.952447 -1.432113 2.386003  25 6 0 -5.347287 -1.207224 2.380885  26 6 0 -5.902064 -0.362130 1.452095  27 6 0 1.648729 2.620366 0.258761  28 7 0 1.133143 3.735559 0.581598  29 6 0 2.017639 4.792187 1.028327  30 6 0 -1.603138 -1.826359 -1.457218  31 7 0 -1.087626 -2.944631 -1.768462  32 6 0 -1.966981 -3.991820 -2.246532  33 1 0 -0.999743 2.505322 0.166326  34 1 0 1.041638 -1.718992 -1.337484  35 1 0 3.017827 1.116725 -2.583233  36 1 0 5.464884 0.835231 -2.850111  37 1 0 6.775179 -0.354260 -1.124200  38 1 0 1.974930 -0.981856 1.608585  39 1 0 3.297755 -2.144256 3.320302  40 1 0 5.750461 -2.439129 3.030791  41 1 0 6.872660 -1.550202 1.020702  42 1 0 -6.728524 1.359055 -0.449353  43 1 0 -5.289618 2.513956 -2.095173  44 1 0 -2.848832 2.095139 -2.125317  45 1 0 -2.074630 -0.991608 1.480515  46 1 0 -3.518132 -2.090482 3.129982  47 1 0 -5.974852 -1.698493 3.115904  48 1 0 -6.971154 -0.176392 1.447630  49 1 0 2.732163 2.452052 0.306098  50 1 0 3.080699 4.507808 1.036236  51 1 0 -2.682770 -1.648376 -1.539100  52 1 0 -3.026799 -3.698480 -2.285163  53 1 0 1.888248 5.666592 0.382602  54 1 0 1.725928 5.101550 2.037073  55 1 0 -1.646804 -4.299886 -3.247041  56 1 0 -1.864626 -4.869471 -1.600480 |
| TM\_NP\_model\_scan\_m\_80\_m\_120 | 1 6 0 -1.383697 0.580508 -0.537672  2 6 0 -0.537321 1.616211 -0.146083  3 6 0 0.857428 1.497310 -0.174248  4 6 0 1.435110 0.285055 -0.607923  5 6 0 0.591987 -0.751027 -1.003450  6 6 0 -0.801670 -0.629217 -0.984933  7 6 0 2.917448 0.093058 -0.709073  8 6 0 3.594611 0.588003 -1.804706  9 6 0 4.986684 0.401751 -1.955809  10 6 0 5.699923 -0.280172 -1.002994  11 6 0 5.052817 -0.802587 0.146131  12 6 0 3.640420 -0.616118 0.302997  13 6 0 3.016371 -1.134483 1.469737  14 6 0 3.743525 -1.805130 2.423465  15 6 0 5.134596 -1.994859 2.262668  16 6 0 5.771050 -1.503735 1.149733  17 6 0 -2.860252 0.792218 -0.437355  18 6 0 -3.682483 0.015763 0.447078  19 6 0 -5.087919 0.293233 0.509292  20 6 0 -5.628912 1.343349 -0.275558  21 6 0 -4.816560 2.101312 -1.079310  22 6 0 -3.434281 1.826530 -1.151705  23 6 0 -3.163833 -0.999343 1.296343  24 6 0 -3.985862 -1.721106 2.128080  25 6 0 -5.375027 -1.466992 2.162061  26 6 0 -5.908460 -0.478372 1.373633  27 6 0 1.694523 2.625966 0.281249  28 7 0 1.198370 3.747709 0.611724  29 6 0 2.101444 4.786706 1.062757  30 6 0 -1.629383 -1.736840 -1.508143  31 7 0 -1.134681 -2.866918 -1.810039  32 6 0 -2.022152 -3.878506 -2.346546  33 1 0 -0.953180 2.548131 0.216176  34 1 0 1.009816 -1.683135 -1.363618  35 1 0 3.042472 1.122455 -2.569764  36 1 0 5.484887 0.799099 -2.832926  37 1 0 6.768924 -0.428698 -1.114227  38 1 0 1.950735 -0.994076 1.600474  39 1 0 3.248218 -2.192423 3.306765  40 1 0 5.696246 -2.527858 3.021592  41 1 0 6.839458 -1.643452 1.021456  42 1 0 -6.693931 1.542600 -0.219871  43 1 0 -5.229838 2.911844 -1.668844  44 1 0 -2.808327 2.424945 -1.803923  45 1 0 -2.100034 -1.197731 1.292353  46 1 0 -3.564558 -2.487872 2.768448  47 1 0 -6.013625 -2.046322 2.819304  48 1 0 -6.971850 -0.264548 1.404719  49 1 0 2.775063 2.439276 0.325134  50 1 0 3.159600 4.484609 1.066208  51 1 0 -2.697710 -1.523984 -1.639088  52 1 0 -3.069396 -3.551394 -2.429663  53 1 0 1.985127 5.667071 0.422645  54 1 0 1.817379 5.094699 2.074090  55 1 0 -1.664547 -4.180802 -3.336088  56 1 0 -1.977486 -4.768880 -1.711448 |
| TM\_NP\_model\_scan\_m\_80\_m\_130 | 1 6 0 -1.380309 0.612108 -0.536364  2 6 0 -0.517112 1.640442 -0.156867  3 6 0 0.875468 1.506342 -0.187677  4 6 0 1.439007 0.281113 -0.602597  5 6 0 0.582299 -0.749705 -0.981670  6 6 0 -0.809741 -0.611102 -0.965376  7 6 0 2.918653 0.070870 -0.704529  8 6 0 3.597545 0.540245 -1.810358  9 6 0 4.986915 0.336000 -1.962904  10 6 0 5.695644 -0.338687 -1.001607  11 6 0 5.046548 -0.835573 0.157676  12 6 0 3.636884 -0.630629 0.316130  13 6 0 3.010725 -1.123885 1.492587  14 6 0 3.733386 -1.788135 2.454182  15 6 0 5.121720 -1.996001 2.292038  16 6 0 5.760096 -1.529260 1.169744  17 6 0 -2.850640 0.837743 -0.396756  18 6 0 -3.690970 -0.004100 0.411331  19 6 0 -5.088111 0.305727 0.513315  20 6 0 -5.601632 1.455762 -0.137621  21 6 0 -4.767551 2.286388 -0.840830  22 6 0 -3.396317 1.979409 -0.956547  23 6 0 -3.200508 -1.106778 1.163593  24 6 0 -4.041197 -1.884283 1.923391  25 6 0 -5.424523 -1.604870 1.979590  26 6 0 -5.930324 -0.529336 1.294074  27 6 0 1.725643 2.632128 0.250700  28 7 0 1.242410 3.763719 0.566345  29 6 0 2.157546 4.799020 1.001286  30 6 0 -1.642164 -1.705650 -1.510636  31 7 0 -1.164848 -2.852844 -1.772794  32 6 0 -2.051809 -3.845209 -2.345154  33 1 0 -0.918457 2.579001 0.204085  34 1 0 0.988133 -1.690586 -1.332526  35 1 0 3.048847 1.068534 -2.582148  36 1 0 5.486542 0.713649 -2.847881  37 1 0 6.762515 -0.501080 -1.113895  38 1 0 1.947137 -0.969420 1.624420  39 1 0 3.236612 -2.156323 3.344789  40 1 0 5.679781 -2.523666 3.057310  41 1 0 6.826418 -1.683127 1.040311  42 1 0 -6.660667 1.675560 -0.053310  43 1 0 -5.155688 3.178378 -1.319324  44 1 0 -2.757035 2.634811 -1.536963  45 1 0 -2.142233 -1.329496 1.148430  46 1 0 -3.637696 -2.714984 2.491426  47 1 0 -6.078444 -2.230705 2.576328  48 1 0 -6.987270 -0.290030 1.348953  49 1 0 2.804141 2.434180 0.295291  50 1 0 3.212370 4.485552 1.006758  51 1 0 -2.695791 -1.465353 -1.700215  52 1 0 -3.083869 -3.490081 -2.484284  53 1 0 2.049427 5.671680 0.349306  54 1 0 1.879064 5.123921 2.008863  55 1 0 -1.653137 -4.167141 -3.312561  56 1 0 -2.064655 -4.729974 -1.700884 |
| TM\_NP\_model\_scan\_m\_80\_m\_140 | 1 6 0 -1.379482 0.643319 -0.568538  2 6 0 -0.501396 1.666903 -0.204403  3 6 0 0.889216 1.518741 -0.230190  4 6 0 1.442017 0.278750 -0.614025  5 6 0 0.574447 -0.749076 -0.974996  6 6 0 -0.815793 -0.594809 -0.967621  7 6 0 2.919396 0.048204 -0.700383  8 6 0 3.612557 0.484774 -1.810807  9 6 0 5.000165 0.258999 -1.948346  10 6 0 5.692574 -0.405041 -0.967934  11 6 0 5.028204 -0.869544 0.196109  12 6 0 3.620340 -0.642387 0.339591  13 6 0 2.978594 -1.104111 1.520483  14 6 0 3.684812 -1.759418 2.500254  15 6 0 5.071389 -1.989058 2.353076  16 6 0 5.724580 -1.552817 1.227045  17 6 0 -2.843493 0.873804 -0.378061  18 6 0 -3.686241 -0.017298 0.378544  19 6 0 -5.075024 0.310556 0.536215  20 6 0 -5.573907 1.531400 0.017693  21 6 0 -4.730143 2.416365 -0.602476  22 6 0 -3.371477 2.089634 -0.780892  23 6 0 -3.207282 -1.178461 1.046535  24 6 0 -4.051581 -1.998478 1.756094  25 6 0 -5.430595 -1.708358 1.845094  26 6 0 -5.923908 -0.572953 1.254477  27 6 0 1.748995 2.644443 0.189630  28 7 0 1.276196 3.786668 0.481815  29 6 0 2.200274 4.820881 0.900118  30 6 0 -1.649536 -1.679600 -1.532513  31 7 0 -1.189365 -2.840997 -1.759332  32 6 0 -2.073391 -3.817543 -2.362802  33 1 0 -0.888604 2.613474 0.150053  34 1 0 0.970174 -1.700805 -1.307648  35 1 0 3.076753 1.003974 -2.597680  36 1 0 5.511352 0.611436 -2.837111  37 1 0 6.757929 -0.584080 -1.068699  38 1 0 1.916214 -0.932903 1.640992  39 1 0 3.176286 -2.103697 3.393786  40 1 0 5.616342 -2.509349 3.132714  41 1 0 6.789616 -1.723710 1.108911  42 1 0 -6.626241 1.762754 0.143978  43 1 0 -5.101748 3.366186 -0.969781  44 1 0 -2.732156 2.788538 -1.307591  45 1 0 -2.152825 -1.413328 1.014096  46 1 0 -3.652290 -2.871180 2.260566  47 1 0 -6.088586 -2.369716 2.397336  48 1 0 -6.974979 -0.318667 1.343852  49 1 0 2.825282 2.436581 0.241637  50 1 0 3.251873 4.497065 0.914692  51 1 0 -2.686892 -1.415773 -1.774222  52 1 0 -3.087202 -3.436918 -2.557673  53 1 0 2.102857 5.682186 0.231590  54 1 0 1.922287 5.167285 1.900633  55 1 0 -1.636341 -4.163573 -3.304943  56 1 0 -2.142777 -4.692399 -1.708683 |
| TM\_NP\_model\_scan\_m\_80\_p\_20 | 1 6 0 1.413340 0.378548 -0.207086  2 6 0 0.819519 -0.876598 -0.012868  3 6 0 -0.547386 -1.120043 -0.177437  4 6 0 -1.402852 -0.048987 -0.502947  5 6 0 -0.838290 1.213962 -0.659794  6 6 0 0.532135 1.452333 -0.518916  7 6 0 -2.872854 -0.228545 -0.722310  8 6 0 -3.326536 -0.707806 -1.934203  9 6 0 -4.706207 -0.862138 -2.194745  10 6 0 -5.631092 -0.534879 -1.236038  11 6 0 -5.216906 -0.041434 0.027693  12 6 0 -3.817975 0.117152 0.296164  13 6 0 -3.425730 0.601343 1.573314  14 6 0 -4.361706 0.918420 2.528058  15 6 0 -5.740732 0.767814 2.258787  16 6 0 -6.155201 0.298264 1.037052  17 6 0 2.804775 0.582209 0.297646  18 6 0 3.858708 -0.381551 0.064020  19 6 0 5.159663 -0.137564 0.620227  20 6 0 5.421826 1.082143 1.293230  21 6 0 4.447958 2.040560 1.385874  22 6 0 3.159284 1.794006 0.871536  23 6 0 3.710689 -1.539256 -0.749622  24 6 0 4.739886 -2.433425 -0.927892  25 6 0 5.988690 -2.228364 -0.304746  26 6 0 6.191898 -1.095777 0.441709  27 6 0 -1.075183 -2.480850 0.052873  28 7 0 -0.313896 -3.477611 0.253336  29 6 0 -0.927363 -4.768524 0.490108  30 6 0 1.024470 2.795643 -0.904920  31 7 0 0.280816 3.825053 -0.883931  32 6 0 0.833867 5.075499 -1.364284  33 1 0 1.410805 -1.710281 0.337745  34 1 0 -1.463777 2.056089 -0.928687  35 1 0 -2.607059 -0.964218 -2.703891  36 1 0 -5.026973 -1.237307 -3.160050  37 1 0 -6.692362 -0.648440 -1.430970  38 1 0 -2.371270 0.720580 1.788464  39 1 0 -4.041634 1.287166 3.496077  40 1 0 -6.468691 1.023368 3.020535  41 1 0 -7.212479 0.178313 0.824369  42 1 0 6.409911 1.250363 1.708244  43 1 0 4.650858 2.987394 1.873270  44 1 0 2.395740 2.539767 1.047901  45 1 0 2.778048 -1.713446 -1.265555  46 1 0 4.590449 -3.300075 -1.561907  47 1 0 6.787523 -2.948900 -0.438836  48 1 0 7.158926 -0.900451 0.893465  49 1 0 -2.167895 -2.583075 0.045615  50 1 0 -2.027181 -4.748783 0.461918  51 1 0 2.063114 2.844625 -1.258249  52 1 0 1.881711 5.000827 -1.692992  53 1 0 -0.565133 -5.481247 -0.257595  54 1 0 -0.604326 -5.145824 1.465573  55 1 0 0.226953 5.439429 -2.199511  56 1 0 0.762119 5.829101 -0.573649 |
| TM\_NP\_model\_scan\_m\_80\_p\_30 | 1 6 0 1.404765 0.343259 -0.113871  2 6 0 0.805691 -0.904749 0.094107  3 6 0 -0.560207 -1.138608 -0.091706  4 6 0 -1.396020 -0.068648 -0.472568  5 6 0 -0.818383 1.184722 -0.655448  6 6 0 0.550816 1.415779 -0.486133  7 6 0 -2.861375 -0.242941 -0.726783  8 6 0 -3.285362 -0.754768 -1.936169  9 6 0 -4.658470 -0.904106 -2.231740  10 6 0 -5.607011 -0.538152 -1.310889  11 6 0 -5.223946 -0.009600 -0.051560  12 6 0 -3.831691 0.143061 0.252652  13 6 0 -3.471275 0.663631 1.524890  14 6 0 -4.430909 1.020418 2.441383  15 6 0 -5.803141 0.875459 2.136660  16 6 0 -6.187240 0.371586 0.918689  17 6 0 2.804113 0.549103 0.362565  18 6 0 3.866846 -0.375057 0.048257  19 6 0 5.178796 -0.130574 0.575995  20 6 0 5.426295 1.043854 1.330362  21 6 0 4.426220 1.957883 1.535521  22 6 0 3.130104 1.714337 1.037976  23 6 0 3.706697 -1.496479 -0.811817  24 6 0 4.748573 -2.353030 -1.077630  25 6 0 6.019310 -2.141874 -0.501193  26 6 0 6.226825 -1.047423 0.299389  27 6 0 -1.108612 -2.486436 0.164999  28 7 0 -0.364090 -3.483192 0.420802  29 6 0 -0.997692 -4.760266 0.678403  30 6 0 1.074859 2.746531 -0.869971  31 7 0 0.332493 3.775210 -0.934992  32 6 0 0.924427 5.014820 -1.396317  33 1 0 1.392354 -1.735027 0.463090  34 1 0 -1.430426 2.022498 -0.965792  35 1 0 -2.547010 -1.040921 -2.676949  36 1 0 -4.955287 -1.305844 -3.194010  37 1 0 -6.663401 -0.647166 -1.533011  38 1 0 -2.422186 0.779192 1.766739  39 1 0 -4.134969 1.416541 3.406261  40 1 0 -6.549998 1.162640 2.868253  41 1 0 -7.239177 0.255894 0.678895  42 1 0 6.422584 1.212669 1.725075  43 1 0 4.617252 2.866415 2.095297  44 1 0 2.347124 2.422605 1.277763  45 1 0 2.751233 -1.671507 -1.285314  46 1 0 4.593124 -3.195105 -1.742598  47 1 0 6.829649 -2.831624 -0.708431  48 1 0 7.206565 -0.853916 0.723691  49 1 0 -2.201594 -2.578698 0.127720  50 1 0 -2.095947 -4.731132 0.616370  51 1 0 2.138915 2.788804 -1.136354  52 1 0 1.996384 4.934331 -1.633021  53 1 0 -0.620608 -5.499154 -0.035824  54 1 0 -0.707867 -5.110418 1.674213  55 1 0 0.390458 5.357674 -2.288374  56 1 0 0.785997 5.786741 -0.632686 |
| TM\_NP\_model\_scan\_m\_80\_p\_40 | 1 6 0 1.396426 0.316152 -0.024354  2 6 0 0.789800 -0.923832 0.195475  3 6 0 -0.574419 -1.148476 -0.014321  4 6 0 -1.389431 -0.080323 -0.445453  5 6 0 -0.797015 1.162413 -0.651724  6 6 0 0.570559 1.385229 -0.455571  7 6 0 -2.849732 -0.248929 -0.732081  8 6 0 -3.248191 -0.789984 -1.937432  9 6 0 -4.614823 -0.936321 -2.263094  10 6 0 -5.582685 -0.538818 -1.376057  11 6 0 -5.226273 0.019811 -0.121898  12 6 0 -3.840695 0.169811 0.212552  13 6 0 -3.507386 0.720850 1.479376  14 6 0 -4.486224 1.108273 2.362512  15 6 0 -5.851705 0.965645 2.027847  16 6 0 -6.209914 0.433308 0.814097  17 6 0 2.805551 0.518359 0.422482  18 6 0 3.869223 -0.368072 0.028860  19 6 0 5.190544 -0.134671 0.536614  20 6 0 5.434375 0.984600 1.372009  21 6 0 4.420375 1.853692 1.681530  22 6 0 3.116522 1.622881 1.197430  23 6 0 3.692921 -1.445772 -0.882025  24 6 0 4.738100 -2.268755 -1.227743  25 6 0 6.025576 -2.062881 -0.686200  26 6 0 6.243617 -1.013363 0.170201  27 6 0 -1.143079 -2.484176 0.260559  28 7 0 -0.415945 -3.480935 0.562317  29 6 0 -1.069149 -4.745615 0.831697  30 6 0 1.123902 2.704913 -0.832788  31 7 0 0.389150 3.731507 -0.974415  32 6 0 1.015536 4.963279 -1.410052  33 1 0 1.369534 -1.751634 0.582522  34 1 0 -1.394225 1.996033 -0.999970  35 1 0 -2.494395 -1.101249 -2.652087  36 1 0 -4.891195 -1.361086 -3.221556  37 1 0 -6.634162 -0.645596 -1.621364  38 1 0 -2.463615 0.835107 1.743811  39 1 0 -4.210817 1.526989 3.323924  40 1 0 -6.613939 1.277171 2.733153  41 1 0 -7.256560 0.319294 0.551436  42 1 0 6.437918 1.145973 1.751219  43 1 0 4.608351 2.716177 2.310906  44 1 0 2.323077 2.296272 1.498746  45 1 0 2.719748 -1.613963 -1.322223  46 1 0 4.573240 -3.080447 -1.927346  47 1 0 6.839428 -2.724792 -0.959927  48 1 0 7.233635 -0.829964 0.574648  49 1 0 -2.235405 -2.567342 0.194290  50 1 0 -2.164884 -4.707961 0.737659  51 1 0 2.205017 2.742951 -1.016824  52 1 0 2.101908 4.878783 -1.565499  53 1 0 -0.679233 -5.504650 0.146035  54 1 0 -0.811017 -5.074843 1.843243  55 1 0 0.549200 5.292503 -2.344165  56 1 0 0.822128 5.746889 -0.670612 |
| TM\_NP\_model\_scan\_m\_80\_p\_50 | 1 6 0 1.388586 0.289643 0.065998  2 6 0 0.770438 -0.941575 0.291878  3 6 0 -0.591451 -1.155026 0.054964  4 6 0 -1.382625 -0.087322 -0.421682  5 6 0 -0.772421 1.143871 -0.644295  6 6 0 0.592694 1.356094 -0.417912  7 6 0 -2.837452 -0.247549 -0.740238  8 6 0 -3.213149 -0.813201 -1.941579  9 6 0 -4.573314 -0.955833 -2.295022  10 6 0 -5.557642 -0.531288 -1.439197  11 6 0 -5.224975 0.052415 -0.189933  12 6 0 -3.846075 0.199485 0.172177  13 6 0 -3.536873 0.775451 1.434035  14 6 0 -4.532081 1.188633 2.286670  15 6 0 -5.890825 1.048659 1.924631  16 6 0 -6.225991 0.493042 0.714724  17 6 0 2.805931 0.478802 0.494575  18 6 0 3.866645 -0.359419 0.008668  19 6 0 5.196479 -0.152386 0.504512  20 6 0 5.442698 0.888304 1.435753  21 6 0 4.422460 1.703612 1.853999  22 6 0 3.110855 1.499130 1.377655  23 6 0 3.672304 -1.368167 -0.974181  24 6 0 4.715936 -2.148104 -1.411423  25 6 0 6.017124 -1.963445 -0.894273  26 6 0 6.248665 -0.983294 0.037842  27 6 0 -1.182565 -2.478060 0.343033  28 7 0 -0.475937 -3.474327 0.691595  29 6 0 -1.150559 -4.725976 0.968662  30 6 0 1.176566 2.665135 -0.782247  31 7 0 0.456624 3.686804 -1.009992  32 6 0 1.118377 4.911493 -1.411418  33 1 0 1.339239 -1.769369 0.696213  34 1 0 -1.351963 1.975156 -1.026486  35 1 0 -2.446153 -1.146802 -2.631712  36 1 0 -4.831517 -1.399953 -3.249770  37 1 0 -6.604174 -0.635772 -1.705711  38 1 0 -2.498411 0.887908 1.719260  39 1 0 -4.274915 1.625767 3.244937  40 1 0 -6.666176 1.380615 2.605915  41 1 0 -7.267377 0.380852 0.431202  42 1 0 6.452663 1.031717 1.805128  43 1 0 4.612975 2.502654 2.561528  44 1 0 2.312285 2.131134 1.748825  45 1 0 2.684594 -1.517151 -1.389530  46 1 0 4.540113 -2.909216 -2.163271  47 1 0 6.830515 -2.589755 -1.242935  48 1 0 7.247647 -0.821839 0.429451  49 1 0 -2.273050 -2.552022 0.243983  50 1 0 -2.242360 -4.679866 0.839091  51 1 0 2.269502 2.701376 -0.870536  52 1 0 2.213864 4.825120 -1.473449  53 1 0 -0.747186 -5.504348 0.313105  54 1 0 -0.927837 -5.034419 1.995070  55 1 0 0.732268 5.225484 -2.386460  56 1 0 0.864070 5.706639 -0.703332 |
| TM\_NP\_model\_scan\_m\_80\_p\_60 | 1 6 0 1.381709 0.253340 0.165973  2 6 0 0.745859 -0.967755 0.388992  3 6 0 -0.613186 -1.164759 0.121276  4 6 0 -1.375300 -0.093086 -0.393781  5 6 0 -0.743072 1.126491 -0.618553  6 6 0 0.618473 1.323097 -0.356710  7 6 0 -2.823096 -0.238789 -0.749798  8 6 0 -3.173936 -0.818476 -1.951946  9 6 0 -4.525996 -0.950534 -2.339090  10 6 0 -5.527320 -0.502058 -1.515798  11 6 0 -5.220564 0.096476 -0.266923  12 6 0 -3.849940 0.233130 0.129087  13 6 0 -3.567098 0.823718 1.390379  14 6 0 -4.579285 1.260325 2.210724  15 6 0 -5.929671 1.130623 1.815135  16 6 0 -6.239621 0.561413 0.604823  17 6 0 2.806594 0.416803 0.586290  18 6 0 3.860445 -0.350130 -0.012611  19 6 0 5.200694 -0.181522 0.468421  20 6 0 5.457240 0.745336 1.510581  21 6 0 4.437116 1.485399 2.051906  22 6 0 3.115756 1.320872 1.584825  23 6 0 3.643468 -1.254255 -1.087783  24 6 0 4.681649 -1.966663 -1.638139  25 6 0 5.997220 -1.814670 -1.146336  26 6 0 6.247436 -0.939217 -0.119377  27 6 0 -1.231422 -2.474312 0.413654  28 7 0 -0.551345 -3.470906 0.810839  29 6 0 -1.251749 -4.708175 1.088238  30 6 0 1.234537 2.622802 -0.697460  31 7 0 0.540101 3.637395 -1.017408  32 6 0 1.237348 4.856124 -1.373847  33 1 0 1.298432 -1.800104 0.807133  34 1 0 -1.300921 1.960074 -1.027243  35 1 0 -2.393180 -1.171640 -2.616459  36 1 0 -4.764370 -1.406132 -3.293590  37 1 0 -6.567690 -0.598877 -1.808079  38 1 0 -2.535183 0.928411 1.701154  39 1 0 -4.342131 1.708180 3.169210  40 1 0 -6.718606 1.481125 2.471063  41 1 0 -7.274504 0.456817 0.295732  42 1 0 6.474738 0.861038 1.868913  43 1 0 4.636221 2.194742 2.847256  44 1 0 2.317857 1.897055 2.039791  45 1 0 2.641777 -1.376054 -1.478666  46 1 0 4.491194 -2.649234 -2.458688  47 1 0 6.806764 -2.385769 -1.586732  48 1 0 7.256436 -0.808188 0.257703  49 1 0 -2.318169 -2.537537 0.274477  50 1 0 -2.337005 -4.652465 0.914733  51 1 0 2.330783 2.659785 -0.677233  52 1 0 2.333477 4.772790 -1.320837  53 1 0 -0.832568 -5.505667 0.466464  54 1 0 -1.073303 -4.995961 2.129208  55 1 0 0.953125 5.148384 -2.389828  56 1 0 0.909794 5.664519 -0.712415 |
| TM\_NP\_model\_scan\_m\_80\_p\_70 | 1 6 0 1.373534 0.196659 0.252004  2 6 0 0.714964 -1.013837 0.458523  3 6 0 -0.641575 -1.186447 0.159948  4 6 0 -1.371632 -0.101655 -0.374152  5 6 0 -0.713060 1.106308 -0.586644  6 6 0 0.645111 1.278342 -0.291888  7 6 0 -2.813971 -0.220466 -0.761170  8 6 0 -3.150850 -0.796486 -1.968984  9 6 0 -4.496942 -0.903690 -2.383736  10 6 0 -5.506386 -0.434661 -1.582085  11 6 0 -5.214222 0.160310 -0.328006  12 6 0 -3.849708 0.271745 0.095935  13 6 0 -3.581900 0.858196 1.362442  14 6 0 -4.602366 1.314421 2.161581  15 6 0 -5.946512 1.209852 1.738298  16 6 0 -6.242094 0.645317 0.522213  17 6 0 2.802734 0.326975 0.676366  18 6 0 3.855684 -0.333955 -0.035489  19 6 0 5.201147 -0.210660 0.443870  20 6 0 5.459971 0.564927 1.602799  21 6 0 4.436670 1.198809 2.260527  22 6 0 3.109820 1.078270 1.793523  23 6 0 3.628190 -1.094271 -1.214568  24 6 0 4.665536 -1.710473 -1.872104  25 6 0 5.988643 -1.599404 -1.388860  26 6 0 6.247035 -0.864397 -0.258666  27 6 0 -1.290034 -2.484296 0.438197  28 7 0 -0.639305 -3.489720 0.861558  29 6 0 -1.368146 -4.714261 1.121347  30 6 0 1.294849 2.569972 -0.596427  31 7 0 0.636286 3.583631 -0.987100  32 6 0 1.367168 4.797535 -1.287914  33 1 0 1.247147 -1.857121 0.881476  34 1 0 -1.246938 1.949651 -1.007242  35 1 0 -2.363380 -1.165817 -2.616572  36 1 0 -4.724214 -1.356820 -3.342108  37 1 0 -6.542164 -0.512592 -1.895556  38 1 0 -2.554830 0.943691 1.694443  39 1 0 -4.376621 1.758427 3.124613  40 1 0 -6.742054 1.575677 2.377670  41 1 0 -7.272202 0.559641 0.192064  42 1 0 6.481514 0.648949 1.958485  43 1 0 4.637684 1.790890 3.146226  44 1 0 2.309611 1.572857 2.332885  45 1 0 2.618701 -1.183713 -1.595098  46 1 0 4.469300 -2.285791 -2.769897  47 1 0 6.797531 -2.092955 -1.915765  48 1 0 7.261325 -0.769124 0.114927  49 1 0 -2.372672 -2.530793 0.264663  50 1 0 -2.446231 -4.642121 0.912633  51 1 0 2.385253 2.602923 -0.478440  52 1 0 2.453555 4.711579 -1.134540  53 1 0 -0.942014 -5.521298 0.516855  54 1 0 -1.228034 -4.999881 2.168772  55 1 0 1.177504 5.082349 -2.327772  56 1 0 0.983416 5.611930 -0.665198 |
| TM\_NP\_model\_scan\_m\_80\_p\_80 | 1 6 0 -1.367808 0.106236 -0.345781  2 6 0 -0.675644 -1.090441 -0.512300  3 6 0 0.678874 -1.220516 -0.181993  4 6 0 1.367796 -0.106302 0.345783  5 6 0 0.675641 1.090385 0.512258  6 6 0 -0.678862 1.220482 0.181920  7 6 0 2.801773 -0.180758 0.773071  8 6 0 3.118765 -0.721266 2.002494  9 6 0 4.454883 -0.785346 2.456424  10 6 0 5.474488 -0.308024 1.672726  11 6 0 5.202962 0.252226 0.398211  12 6 0 3.848596 0.319052 -0.065881  13 6 0 3.602094 0.871019 -1.351997  14 6 0 4.632914 1.336603 -2.132265  15 6 0 5.966726 1.276278 -1.669494  16 6 0 6.241898 0.745564 -0.433577  17 6 0 -2.801810 0.180604 -0.773042  18 6 0 -3.848590 -0.319063 0.065994  19 6 0 -5.202983 -0.252261 -0.398062  20 6 0 -5.474522 0.307829 -1.672625  21 6 0 -4.454930 0.785082 -2.456406  22 6 0 -3.118814 0.721040 -2.002517  23 6 0 -3.602060 -0.870872 1.352184  24 6 0 -4.632857 -1.336299 2.132559  25 6 0 -5.966692 -1.275991 1.669825  26 6 0 -6.241898 -0.745458 0.433845  27 6 0 1.366796 -2.506253 -0.417843  28 7 0 0.754380 -3.533695 -0.845589  29 6 0 1.520241 -4.743931 -1.062090  30 6 0 -1.366777 2.506244 0.417598  31 7 0 -0.754370 3.533743 0.845239  32 6 0 -1.520225 4.744010 1.061549  33 1 0 -1.179531 -1.957806 -0.920936  34 1 0 1.179544 1.957748 0.920885  35 1 0 2.322837 -1.096237 2.636356  36 1 0 4.666267 -1.211768 3.430560  37 1 0 6.502666 -0.352863 2.016254  38 1 0 2.582978 0.922585 -1.714249  39 1 0 4.423387 1.753875 -3.110795  40 1 0 6.770551 1.648962 -2.294368  41 1 0 7.264078 0.693601 -0.073145  42 1 0 -6.502704 0.352625 -2.016149  43 1 0 -4.666376 1.211414 -3.430569  44 1 0 -2.322881 1.095964 -2.636394  45 1 0 -2.582922 -0.922451 1.714371  46 1 0 -4.423315 -1.753426 3.111147  47 1 0 -6.770506 -1.648567 2.294778  48 1 0 -7.264094 -0.693529 0.073452  49 1 0 2.444105 -2.523504 -0.209232  50 1 0 2.589152 -4.642185 -0.821046  51 1 0 -2.444062 2.523507 0.208896  52 1 0 -2.589146 4.642224 0.820559  53 1 0 1.094637 -5.551471 -0.457909  54 1 0 1.420206 -5.049387 -2.108533  55 1 0 -1.420153 5.049680 2.107925  56 1 0 -1.094648 5.551432 0.457188 |
| TM\_NP\_model\_scan\_m\_80\_p\_90 | 1 6 0 1.360539 0.004316 -0.399500  2 6 0 0.633930 1.187068 -0.500154  3 6 0 -0.718825 1.263121 -0.144680  4 6 0 -1.368870 0.106173 0.337883  5 6 0 -0.642340 -1.078018 0.435223  6 6 0 0.709672 -1.153703 0.080092  7 6 0 -2.798281 0.119831 0.786775  8 6 0 -3.112766 0.592136 2.044576  9 6 0 -4.443783 0.597766 2.517573  10 6 0 -5.460939 0.130866 1.724480  11 6 0 -5.192041 -0.360247 0.421286  12 6 0 -3.842702 -0.368377 -0.062031  13 6 0 -3.599150 -0.852121 -1.375815  14 6 0 -4.627741 -1.307950 -2.164753  15 6 0 -5.956402 -1.305178 -1.683552  16 6 0 -6.228754 -0.841188 -0.420501  17 6 0 2.796274 -0.005280 -0.830211  18 6 0 3.845270 0.294203 0.096582  19 6 0 5.201921 0.292298 -0.365420  20 6 0 5.472564 -0.002623 -1.726362  21 6 0 4.449726 -0.283090 -2.596118  22 6 0 3.111098 -0.283186 -2.144117  23 6 0 3.596839 0.592398 1.463502  24 6 0 4.629397 0.873179 2.325622  25 6 0 5.966390 0.871162 1.867927  26 6 0 6.242742 0.587473 0.553295  27 6 0 -1.443895 2.540167 -0.303207  28 7 0 -0.865873 3.604551 -0.686225  29 6 0 -1.666428 4.803840 -0.824230  30 6 0 1.432127 -2.434519 0.218819  31 7 0 0.863904 -3.491731 0.634625  32 6 0 1.659263 -4.697775 0.740050  33 1 0 1.109144 2.087995 -0.868432  34 1 0 -1.117492 -1.979045 0.803525  35 1 0 -2.318697 0.958435 2.685782  36 1 0 -4.653103 0.971044 3.513717  37 1 0 -6.485149 0.131047 2.082474  38 1 0 -2.583981 -0.859022 -1.752399  39 1 0 -4.420453 -1.672762 -3.164495  40 1 0 -6.758505 -1.669103 -2.315761  41 1 0 -7.247036 -0.833824 -0.045667  42 1 0 6.502615 -0.000619 -2.067230  43 1 0 4.660475 -0.505436 -3.636111  44 1 0 2.312484 -0.504882 -2.843227  45 1 0 2.574641 0.599751 1.820891  46 1 0 4.419002 1.099986 3.364773  47 1 0 6.771700 1.095482 2.558340  48 1 0 7.267122 0.585571 0.195323  49 1 0 -2.517302 2.517881 -0.076094  50 1 0 -2.728397 4.660161 -0.574071  51 1 0 2.494348 -2.422421 -0.057133  52 1 0 2.709207 -4.565086 0.438504  53 1 0 -1.252760 5.587649 -0.181668  54 1 0 -1.590715 5.169713 -1.853167  55 1 0 1.629593 -5.058218 1.773231  56 1 0 1.208034 -5.480502 0.121910 |
| TM\_NP\_model\_scan\_m\_80\_p\_100 | 1 6 0 1.354804 0.137321 -0.423063  2 6 0 0.593572 1.302304 -0.426905  3 6 0 -0.758247 1.311299 -0.059614  4 6 0 -1.370796 0.102689 0.337004  5 6 0 -0.611897 -1.065402 0.330100  6 6 0 0.737271 -1.075149 -0.041995  7 6 0 -2.795883 0.040886 0.795655  8 6 0 -3.111210 0.406314 2.088363  9 6 0 -4.436902 0.336840 2.570993  10 6 0 -5.447931 -0.099087 1.752819  11 6 0 -5.177809 -0.483084 0.414387  12 6 0 -3.833726 -0.414964 -0.078938  13 6 0 -3.589122 -0.793535 -1.426624  14 6 0 -4.611534 -1.222017 -2.238554  15 6 0 -5.934857 -1.294328 -1.748058  16 6 0 -6.208289 -0.932057 -0.452392  17 6 0 2.791752 0.209527 -0.840961  18 6 0 3.841939 0.258663 0.131537  19 6 0 5.200776 0.338245 -0.316493  20 6 0 5.473081 0.374714 -1.708370  21 6 0 4.449493 0.338337 -2.620480  22 6 0 3.108624 0.256310 -2.182795  23 6 0 3.592016 0.239807 1.530286  24 6 0 4.625370 0.286169 2.435019  25 6 0 5.964885 0.356076 1.990876  26 6 0 6.242518 0.383205 0.646476  27 6 0 -1.519677 2.575901 -0.111275  28 7 0 -0.975007 3.683071 -0.413387  29 6 0 -1.810154 4.866151 -0.449818  30 6 0 1.487183 -2.347707 -0.042245  31 7 0 0.962796 -3.443610 0.328315  32 6 0 1.779188 -4.639446 0.284490  33 1 0 1.042187 2.243762 -0.719162  34 1 0 -1.060230 -2.007134 0.622427  35 1 0 -2.321403 0.746997 2.748667  36 1 0 -4.646828 0.627702 3.594113  37 1 0 -6.468066 -0.156677 2.117714  38 1 0 -2.578012 -0.741848 -1.810386  39 1 0 -4.403598 -1.507167 -3.263736  40 1 0 -6.732057 -1.635549 -2.398870  41 1 0 -7.222511 -0.983243 -0.070008  42 1 0 6.504959 0.435348 -2.038144  43 1 0 4.661333 0.370659 -3.683267  44 1 0 2.309998 0.224419 -2.915449  45 1 0 2.568405 0.194153 1.880680  46 1 0 4.413137 0.272441 3.498180  47 1 0 6.770885 0.391968 2.715150  48 1 0 7.268672 0.442132 0.298547  49 1 0 -2.589771 2.505772 0.121528  50 1 0 -2.864780 4.672779 -0.202059  51 1 0 2.528027 -2.295353 -0.386393  52 1 0 2.803202 -4.464566 -0.078298  53 1 0 -1.411383 5.609007 0.248401  54 1 0 -1.756373 5.313262 -1.447578  55 1 0 1.827549 -5.078006 1.286256  56 1 0 1.295488 -5.380971 -0.359366 |
| TM\_NP\_model\_scan\_m\_80\_p\_110 | 1 6 0 1.347161 0.261636 -0.386058  2 6 0 0.557125 1.403971 -0.287070  3 6 0 -0.795046 1.349393 0.074498  4 6 0 -1.379409 0.097205 0.361956  5 6 0 -0.592701 -1.047473 0.253197  6 6 0 0.755581 -0.994043 -0.117257  7 6 0 -2.804852 -0.041321 0.801377  8 6 0 -3.140669 0.203269 2.117282  9 6 0 -4.467417 0.054107 2.578540  10 6 0 -5.458513 -0.340639 1.716230  11 6 0 -5.166957 -0.601118 0.352716  12 6 0 -3.822192 -0.450347 -0.119417  13 6 0 -3.556363 -0.703421 -1.492424  14 6 0 -4.558947 -1.091699 -2.348074  15 6 0 -5.882608 -1.247201 -1.878469  16 6 0 -6.176579 -1.005927 -0.559246  17 6 0 2.781034 0.411877 -0.788303  18 6 0 3.847598 0.212311 0.148228  19 6 0 5.200451 0.381783 -0.293999  20 6 0 5.452452 0.757438 -1.638542  21 6 0 4.414461 0.965672 -2.510253  22 6 0 3.080136 0.794333 -2.080517  23 6 0 3.622277 -0.130458 1.508815  24 6 0 4.671367 -0.315653 2.376990  25 6 0 6.004553 -0.165631 1.933807  26 6 0 6.259105 0.178400 0.629409  27 6 0 -1.585536 2.595956 0.129006  28 7 0 -1.065691 3.737277 -0.073136  29 6 0 -1.927903 4.899804 -0.013231  30 6 0 1.521215 -2.250170 -0.256829  31 7 0 1.034816 -3.378519 0.064818  32 6 0 1.857812 -4.555406 -0.125338  33 1 0 0.984185 2.378602 -0.488670  34 1 0 -1.020310 -2.022076 0.454717  35 1 0 -2.366317 0.508267 2.812411  36 1 0 -4.693979 0.250621 3.620416  37 1 0 -6.479100 -0.459039 2.064887  38 1 0 -2.544840 -0.587898 -1.860907  39 1 0 -4.334846 -1.280830 -3.391893  40 1 0 -6.663966 -1.556093 -2.563726  41 1 0 -7.191389 -1.120796 -0.192506  42 1 0 6.480244 0.882546 -1.962763  43 1 0 4.610011 1.259083 -3.535469  44 1 0 2.270247 0.953273 -2.783561  45 1 0 2.604654 -0.238635 1.862305  46 1 0 4.475966 -0.574828 3.411485  47 1 0 6.823283 -0.316481 2.628346  48 1 0 7.279895 0.305043 0.283832  49 1 0 -2.654733 2.481481 0.348274  50 1 0 -2.978650 4.662046 0.211371  51 1 0 2.535854 -2.156902 -0.664223  52 1 0 2.851604 -4.338898 -0.545065  53 1 0 -1.548934 5.589508 0.747680  54 1 0 -1.881012 5.431212 -0.969150  55 1 0 1.981691 -5.065569 0.835199  56 1 0 1.336756 -5.254800 -0.786905 |
| TM\_NP\_model\_scan\_m\_80\_p\_120 | 1 6 0 1.345186 0.339342 -0.380940  2 6 0 0.534153 1.460960 -0.220227  3 6 0 -0.817202 1.365331 0.134154  4 6 0 -1.380615 0.090826 0.356875  5 6 0 -0.576180 -1.033246 0.182165  6 6 0 0.770312 -0.938675 -0.185807  7 6 0 -2.801104 -0.093963 0.794746  8 6 0 -3.132077 0.074705 2.123791  9 6 0 -4.453078 -0.120774 2.584133  10 6 0 -5.443169 -0.486144 1.707856  11 6 0 -5.156320 -0.669860 0.330894  12 6 0 -3.817451 -0.471525 -0.140434  13 6 0 -3.556478 -0.648199 -1.526218  14 6 0 -4.558015 -1.008575 -2.395228  15 6 0 -5.875734 -1.211071 -1.926830  16 6 0 -6.164965 -1.043829 -0.595166  17 6 0 2.783644 0.543684 -0.733941  18 6 0 3.845116 0.167164 0.155784  19 6 0 5.201275 0.411550 -0.240193  20 6 0 5.463870 1.043525 -1.482407  21 6 0 4.431915 1.434102 -2.296701  22 6 0 3.095358 1.187598 -1.916036  23 6 0 3.615207 -0.410343 1.434296  24 6 0 4.660217 -0.758088 2.256267  25 6 0 5.995989 -0.544726 1.849158  26 6 0 6.255973 0.031376 0.630833  27 6 0 -1.627220 2.594611 0.255317  28 7 0 -1.127088 3.752984 0.107866  29 6 0 -2.007144 4.896974 0.230891  30 6 0 1.542019 -2.176481 -0.425132  31 7 0 1.086541 -3.325220 -0.132198  32 6 0 1.906626 -4.481364 -0.431123  33 1 0 0.946700 2.452684 -0.358370  34 1 0 -0.989043 -2.024293 0.326010  35 1 0 -2.358246 0.355393 2.829649  36 1 0 -4.675967 0.016563 3.636228  37 1 0 -6.459328 -0.639769 2.055725  38 1 0 -2.549368 -0.496784 -1.893926  39 1 0 -4.337602 -1.139141 -3.448748  40 1 0 -6.656289 -1.497305 -2.622743  41 1 0 -7.175224 -1.195013 -0.229041  42 1 0 6.494418 1.221535 -1.771117  43 1 0 4.634224 1.928494 -3.240092  44 1 0 2.291550 1.489120 -2.578143  45 1 0 2.597652 -0.568384 1.767172  46 1 0 4.458485 -1.193671 3.228417  47 1 0 6.811511 -0.827178 2.505341  48 1 0 7.278319 0.213425 0.315969  49 1 0 -2.693107 2.451728 0.474192  50 1 0 -3.052897 4.631505 0.447566  51 1 0 2.529483 -2.049562 -0.886219  52 1 0 2.871614 -4.232784 -0.897683  53 1 0 -1.635143 5.552716 1.024555  54 1 0 -1.973492 5.477376 -0.696689  55 1 0 2.092336 -5.037982 0.492949  56 1 0 1.352605 -5.152332 -1.095348 |
| TM\_NP\_model\_scan\_m\_80\_p\_130 | 1 6 0 1.342908 0.378273 -0.386531  2 6 0 0.518072 1.486923 -0.196318  3 6 0 -0.831000 1.370886 0.157751  4 6 0 -1.381523 0.086926 0.356287  5 6 0 -0.565276 -1.024192 0.156871  6 6 0 0.779306 -0.908950 -0.212116  7 6 0 -2.799266 -0.120653 0.792352  8 6 0 -3.130319 0.018497 2.124753  9 6 0 -4.449408 -0.196626 2.581907  10 6 0 -5.437591 -0.550841 1.698923  11 6 0 -5.150791 -0.703202 0.318123  12 6 0 -3.813764 -0.485546 -0.149898  13 6 0 -3.552974 -0.630141 -1.539417  14 6 0 -4.553000 -0.977788 -2.415344  15 6 0 -5.868873 -1.199291 -1.950388  16 6 0 -6.157810 -1.063495 -0.615091  17 6 0 2.785572 0.615771 -0.695068  18 6 0 3.845493 0.126149 0.143720  19 6 0 5.202805 0.431504 -0.206478  20 6 0 5.470069 1.243105 -1.337925  21 6 0 4.440327 1.757200 -2.083183  22 6 0 3.104623 1.450572 -1.751051  23 6 0 3.618077 -0.607523 1.340519  24 6 0 4.662729 -1.053857 2.113926  25 6 0 5.998869 -0.791169 1.738808  26 6 0 6.257684 -0.059279 0.607439  27 6 0 -1.650775 2.590251 0.311187  28 7 0 -1.161004 3.755976 0.189299  29 6 0 -2.049384 4.889371 0.346028  30 6 0 1.546853 -2.137264 -0.510782  31 7 0 1.112364 -3.294529 -0.220118  32 6 0 1.920303 -4.439237 -0.588453  33 1 0 0.920482 2.486529 -0.302612  34 1 0 -0.968094 -2.022392 0.277776  35 1 0 -2.358083 0.290777 2.835620  36 1 0 -4.672371 -0.082985 3.636803  37 1 0 -6.452291 -0.719133 2.044258  38 1 0 -2.547307 -0.463784 -1.904648  39 1 0 -4.332805 -1.083261 -3.471719  40 1 0 -6.648280 -1.475007 -2.651813  41 1 0 -7.166714 -1.229308 -0.251599  42 1 0 6.501607 1.463618 -1.591550  43 1 0 4.644039 2.395423 -2.935495  44 1 0 2.304390 1.847942 -2.364939  45 1 0 2.602546 -0.805277 1.656091  46 1 0 4.459336 -1.605905 3.024635  47 1 0 6.814121 -1.155350 2.353730  48 1 0 7.279396 0.168809 0.321952  49 1 0 -2.714200 2.433156 0.532123  50 1 0 -3.091986 4.610118 0.560467  51 1 0 2.508533 -1.995087 -1.019565  52 1 0 2.859828 -4.174735 -1.096362  53 1 0 -1.678768 5.526847 1.155086  54 1 0 -2.024638 5.494270 -0.566040  55 1 0 2.154195 -5.017604 0.310949  56 1 0 1.335924 -5.096044 -1.240737 |
| TM\_NP\_model\_scan\_m\_80\_p\_140 | 1 6 0 1.343263 0.416359 -0.400877  2 6 0 0.504842 1.515023 -0.199777  3 6 0 -0.842691 1.386126 0.152781  4 6 0 -1.381411 0.097405 0.351823  5 6 0 -0.554916 -1.004252 0.145120  6 6 0 0.787179 -0.875938 -0.228234  7 6 0 -2.795430 -0.124703 0.792214  8 6 0 -3.123267 0.009441 2.125934  9 6 0 -4.438356 -0.220313 2.587468  10 6 0 -5.425667 -0.584593 1.707608  11 6 0 -5.142039 -0.732719 0.325702  12 6 0 -3.809190 -0.499773 -0.146887  13 6 0 -3.551721 -0.640513 -1.537419  14 6 0 -4.550824 -0.999018 -2.410016  15 6 0 -5.862434 -1.235795 -1.940539  16 6 0 -6.148193 -1.103896 -0.604179  17 6 0 2.792060 0.676444 -0.658475  18 6 0 3.845352 0.092043 0.131732  19 6 0 5.207018 0.432001 -0.169964  20 6 0 5.487383 1.384031 -1.181690  21 6 0 4.464600 2.007117 -1.849185  22 6 0 3.127037 1.661780 -1.572467  23 6 0 3.612638 -0.756515 1.249482  24 6 0 4.651467 -1.289576 1.974268  25 6 0 5.990812 -1.006270 1.627947  26 6 0 6.256508 -0.156987 0.584085  27 6 0 -1.672306 2.598321 0.311485  28 7 0 -1.193668 3.768491 0.188382  29 6 0 -2.091442 4.893698 0.350512  30 6 0 1.544822 -2.099499 -0.572951  31 7 0 1.125512 -3.261641 -0.280132  32 6 0 1.917102 -4.398850 -0.703509  33 1 0 0.896510 2.520254 -0.288861  34 1 0 -0.948338 -2.006988 0.259082  35 1 0 -2.351460 0.289117 2.834390  36 1 0 -4.658829 -0.110128 3.643250  37 1 0 -6.437227 -0.764391 2.056339  38 1 0 -2.549330 -0.462514 -1.906155  39 1 0 -4.333162 -1.101391 -3.467219  40 1 0 -6.641094 -1.520091 -2.639363  41 1 0 -7.153846 -1.281409 -0.237223  42 1 0 6.521928 1.628289 -1.398470  43 1 0 4.675667 2.759786 -2.600261  44 1 0 2.336104 2.141887 -2.136950  45 1 0 2.596996 -0.971862 1.550210  46 1 0 4.439655 -1.925683 2.826329  47 1 0 6.801805 -1.442173 2.200315  48 1 0 7.280092 0.096112 0.327874  49 1 0 -2.733257 2.431404 0.537022  50 1 0 -3.130536 4.604799 0.569072  51 1 0 2.482054 -1.948405 -1.123371  52 1 0 2.832932 -4.123963 -1.247784  53 1 0 -1.723099 5.533364 1.158870  54 1 0 -2.076160 5.499986 -0.560838  55 1 0 2.191452 -4.992051 0.174538  56 1 0 1.305025 -5.045361 -1.340500 |
| TM\_NP\_model\_scan\_m\_80\_p\_150 | 1 6 0 1.346325 0.442274 -0.431778  2 6 0 0.495583 1.534503 -0.233475  3 6 0 -0.850034 1.400652 0.121831  4 6 0 -1.379501 0.111784 0.341378  5 6 0 -0.545349 -0.984553 0.140919  6 6 0 0.793711 -0.850960 -0.240766  7 6 0 -2.788443 -0.115343 0.794629  8 6 0 -3.107255 0.033178 2.129048  9 6 0 -4.416854 -0.201452 2.603548  10 6 0 -5.407690 -0.585151 1.735988  11 6 0 -5.133312 -0.748516 0.353932  12 6 0 -3.806147 -0.510447 -0.131880  13 6 0 -3.558002 -0.666548 -1.522455  14 6 0 -4.560622 -1.044474 -2.382731  15 6 0 -5.866516 -1.286474 -1.900139  16 6 0 -6.143273 -1.140042 -0.563390  17 6 0 2.802524 0.718437 -0.633672  18 6 0 3.846229 0.062265 0.118463  19 6 0 5.213241 0.428272 -0.128950  20 6 0 5.510223 1.488088 -1.020694  21 6 0 4.496260 2.193371 -1.615205  22 6 0 3.156587 1.817723 -1.401576  23 6 0 3.604679 -0.872878 1.163284  24 6 0 4.634789 -1.474496 1.845788  25 6 0 5.978362 -1.177767 1.530272  26 6 0 6.254577 -0.236871 0.571749  27 6 0 -1.686176 2.609876 0.270255  28 7 0 -1.215808 3.781480 0.130369  29 6 0 -2.119925 4.902996 0.283015  30 6 0 1.535702 -2.075413 -0.620165  31 7 0 1.122266 -3.239236 -0.326418  32 6 0 1.892861 -4.373971 -0.793166  33 1 0 0.875625 2.544034 -0.318217  34 1 0 -0.930823 -1.989542 0.261906  35 1 0 -2.332354 0.327956 2.827936  36 1 0 -4.630202 -0.079600 3.659510  37 1 0 -6.415045 -0.768915 2.094670  38 1 0 -2.559956 -0.484725 -1.900999  39 1 0 -4.350174 -1.158413 -3.440206  40 1 0 -6.647983 -1.586297 -2.589275  41 1 0 -7.144557 -1.321443 -0.186503  42 1 0 6.548110 1.750591 -1.195901  43 1 0 4.715712 3.033757 -2.263812  44 1 0 2.379797 2.361432 -1.925799  45 1 0 2.588292 -1.099952 1.449374  46 1 0 4.411056 -2.174025 2.643323  47 1 0 6.782857 -1.670521 2.064375  48 1 0 7.280692 0.036065 0.348172  49 1 0 -2.744915 2.438909 0.503045  50 1 0 -3.156031 4.610191 0.510248  51 1 0 2.452617 -1.921876 -1.203430  52 1 0 2.788393 -4.095253 -1.368338  53 1 0 -1.751832 5.555004 1.081554  54 1 0 -2.113037 5.497919 -0.635896  55 1 0 2.198405 -4.978673 0.066572  56 1 0 1.254819 -5.010703 -1.414311 |
| TM\_NP\_model\_scan\_m\_80\_p\_160 | 1 6 0 1.350863 0.464863 -0.456804  2 6 0 0.485159 1.550625 -0.272835  3 6 0 -0.858925 1.414553 0.084302  4 6 0 -1.379089 0.128068 0.335223  5 6 0 -0.536141 -0.963459 0.151307  6 6 0 0.800288 -0.827283 -0.238415  7 6 0 -2.783803 -0.100104 0.800077  8 6 0 -3.097374 0.075273 2.132507  9 6 0 -4.402871 -0.158802 2.618433  10 6 0 -5.394850 -0.568874 1.764338  11 6 0 -5.125838 -0.760285 0.384834  12 6 0 -3.802916 -0.522800 -0.112623  13 6 0 -3.560221 -0.706999 -1.500724  14 6 0 -4.564015 -1.111096 -2.347620  15 6 0 -5.865634 -1.352638 -1.853375  16 6 0 -6.137130 -1.179384 -0.518749  17 6 0 2.813220 0.758067 -0.604926  18 6 0 3.851837 0.039257 0.103379  19 6 0 5.222820 0.421063 -0.100988  20 6 0 5.530739 1.567858 -0.872176  21 6 0 4.521226 2.343837 -1.378621  22 6 0 3.180791 1.947599 -1.220135  23 6 0 3.607778 -0.964133 1.082682  24 6 0 4.633077 -1.623615 1.717677  25 6 0 5.978850 -1.322294 1.418468  26 6 0 6.260044 -0.309240 0.538701  27 6 0 -1.702304 2.621703 0.208698  28 7 0 -1.240141 3.793018 0.041985  29 6 0 -2.151326 4.911789 0.171221  30 6 0 1.524192 -2.055937 -0.644452  31 7 0 1.111638 -3.219449 -0.348931  32 6 0 1.858744 -4.354925 -0.850831  33 1 0 0.850163 2.564336 -0.362878  34 1 0 -0.912930 -1.969984 0.286038  35 1 0 -2.321397 0.391046 2.820954  36 1 0 -4.612130 -0.015366 3.672499  37 1 0 -6.399056 -0.752346 2.131879  38 1 0 -2.565450 -0.525705 -1.888029  39 1 0 -4.357801 -1.246324 -3.403417  40 1 0 -6.648034 -1.673385 -2.531954  41 1 0 -7.135156 -1.360256 -0.133049  42 1 0 6.570660 1.841384 -1.015113  43 1 0 4.744089 3.255703 -1.920703  44 1 0 2.417202 2.549802 -1.696522  45 1 0 2.592705 -1.195984 1.366282  46 1 0 4.402269 -2.371654 2.467769  47 1 0 6.779778 -1.863361 1.909365  48 1 0 7.287394 -0.023294 0.338383  49 1 0 -2.759402 2.448843 0.447460  50 1 0 -3.184884 4.617302 0.407552  51 1 0 2.422899 -1.903711 -1.255822  52 1 0 2.736242 -4.076620 -1.453329  53 1 0 -1.785877 5.584412 0.953702  54 1 0 -2.150586 5.485387 -0.761173  55 1 0 2.189366 -4.968936 -0.007065  56 1 0 1.196321 -4.982404 -1.455635 |
| TM\_NP\_model\_scan\_m\_90\_m\_0 | 1 6 0 1.431081 0.499580 0.021716  2 6 0 0.812732 -0.736251 -0.238038  3 6 0 -0.560023 -0.908656 -0.442965  4 6 0 -1.394590 0.221587 -0.496243  5 6 0 -0.804853 1.466702 -0.299390  6 6 0 0.560605 1.631815 -0.054063  7 6 0 -2.861653 0.139772 -0.783435  8 6 0 -3.303335 0.212553 -2.088317  9 6 0 -4.679807 0.157031 -2.402408  10 6 0 -5.611949 0.027978 -1.404517  11 6 0 -5.209356 -0.050189 -0.046501  12 6 0 -3.814318 0.005839 0.276467  13 6 0 -3.432802 -0.076229 1.642684  14 6 0 -4.375427 -0.204565 2.634366  15 6 0 -5.750757 -0.257553 2.313932  16 6 0 -6.154718 -0.182016 1.003871  17 6 0 2.916412 0.577848 -0.173772  18 6 0 3.810101 -0.509517 0.196815  19 6 0 5.212186 -0.385534 -0.093745  20 6 0 5.731637 0.844385 -0.568739  21 6 0 4.904637 1.925687 -0.703365  22 6 0 3.520223 1.791298 -0.476830  23 6 0 3.417743 -1.671146 0.920594  24 6 0 4.302898 -2.683072 1.211687  25 6 0 5.648836 -2.604992 0.800986  26 6 0 6.091554 -1.466551 0.178020  27 6 0 -1.097336 -2.268599 -0.654603  28 7 0 -0.369084 -3.305960 -0.573236  29 6 0 -0.988017 -4.595543 -0.802335  30 6 0 0.975010 2.992441 0.369414  31 7 0 0.380532 4.043350 -0.023820  32 6 0 0.797921 5.313129 0.536656  33 1 0 1.404893 -1.628494 -0.363154  34 1 0 -1.414934 2.361185 -0.313460  35 1 0 -2.577779 0.317131 -2.887197  36 1 0 -4.991872 0.218537 -3.438845  37 1 0 -6.670303 -0.014732 -1.639555  38 1 0 -2.380921 -0.033816 1.897076  39 1 0 -4.063829 -0.264565 3.671129  40 1 0 -6.484267 -0.357354 3.106066  41 1 0 -7.209238 -0.221659 0.751184  42 1 0 6.792711 0.920760 -0.780696  43 1 0 5.296809 2.887398 -1.013845  44 1 0 2.905817 2.644317 -0.722958  45 1 0 2.409325 -1.756541 1.294163  46 1 0 3.959484 -3.543612 1.774603  47 1 0 6.332053 -3.419734 1.012083  48 1 0 7.137018 -1.356679 -0.090812  49 1 0 -2.168567 -2.333119 -0.884827  50 1 0 -2.064566 -4.538154 -1.022521  51 1 0 1.793134 3.036457 1.101875  52 1 0 1.628535 5.230686 1.254493  53 1 0 -0.481342 -5.093693 -1.635024  54 1 0 -0.839100 -5.227437 0.078967  55 1 0 1.094144 5.985876 -0.274282  56 1 0 -0.055150 5.782131 1.037283 |
| TM\_NP\_model\_scan\_m\_90\_m\_10 | 1 6 0 1.430167 0.462545 -0.062667  2 6 0 0.798596 -0.761935 -0.333177  3 6 0 -0.580006 -0.907403 -0.515519  4 6 0 -1.398945 0.237522 -0.512133  5 6 0 -0.791873 1.469479 -0.287662  6 6 0 0.582086 1.609315 -0.071641  7 6 0 -2.873540 0.181551 -0.767285  8 6 0 -3.344378 0.301188 -2.058433  9 6 0 -4.728175 0.270643 -2.342152  10 6 0 -5.638625 0.119561 -1.327437  11 6 0 -5.205774 -0.006495 0.017598  12 6 0 -3.803174 0.024521 0.309733  13 6 0 -3.391405 -0.104538 1.663519  14 6 0 -4.312403 -0.254528 2.672292  15 6 0 -5.695196 -0.283522 2.382226  16 6 0 -6.128244 -0.162071 1.084996  17 6 0 2.913769 0.532740 -0.244982  18 6 0 3.800737 -0.521941 0.208759  19 6 0 5.208559 -0.406111 -0.051954  20 6 0 5.727204 0.784750 -0.619054  21 6 0 4.893511 1.837950 -0.882321  22 6 0 3.505861 1.713567 -0.670644  23 6 0 3.383838 -1.645482 0.976487  24 6 0 4.264605 -2.629440 1.360351  25 6 0 5.626964 -2.556818 1.004033  26 6 0 6.085451 -1.457036 0.325098  27 6 0 -1.144093 -2.251688 -0.756110  28 7 0 -0.427711 -3.300322 -0.741761  29 6 0 -1.073218 -4.572546 -0.993310  30 6 0 1.047639 2.947704 0.364588  31 7 0 0.435923 4.017488 0.057440  32 6 0 0.918727 5.263595 0.618378  33 1 0 1.383606 -1.657777 -0.477425  34 1 0 -1.391794 2.370505 -0.257543  35 1 0 -2.636053 0.423166 -2.870216  36 1 0 -5.063149 0.368774 -3.368567  37 1 0 -6.702541 0.095766 -1.538821  38 1 0 -2.333572 -0.080442 1.894309  39 1 0 -3.977966 -0.350236 3.699205  40 1 0 -6.411424 -0.401059 3.187643  41 1 0 -7.188663 -0.182674 0.855756  42 1 0 6.792940 0.855381 -0.808679  43 1 0 5.285893 2.767293 -1.279198  44 1 0 2.880559 2.532331 -0.997627  45 1 0 2.356927 -1.721444 1.300278  46 1 0 3.906208 -3.463855 1.952544  47 1 0 6.308370 -3.348700 1.293540  48 1 0 7.139141 -1.357306 0.086021  49 1 0 -2.224077 -2.294168 -0.946986  50 1 0 -2.156913 -4.493571 -1.166983  51 1 0 1.928222 2.958378 1.021364  52 1 0 1.805635 5.147843 1.260129  53 1 0 -0.607573 -5.044932 -1.864112  54 1 0 -0.897523 -5.239264 -0.143152  55 1 0 1.155873 5.957543 -0.194174  56 1 0 0.118404 5.727799 1.203476 |
| TM\_NP\_model\_scan\_m\_90\_m\_20 | 1 6 0 1.427931 0.428679 -0.152930  2 6 0 0.782059 -0.782468 -0.438060  3 6 0 -0.601624 -0.900762 -0.598130  4 6 0 -1.403230 0.256308 -0.532658  5 6 0 -0.777016 1.473069 -0.280096  6 6 0 0.604572 1.587594 -0.094721  7 6 0 -2.884967 0.227152 -0.749968  8 6 0 -3.389864 0.397067 -2.022386  9 6 0 -4.781361 0.394270 -2.267762  10 6 0 -5.665258 0.219349 -1.233604  11 6 0 -5.196888 0.039512 0.093363  12 6 0 -3.786479 0.042620 0.346552  13 6 0 -3.338825 -0.141541 1.682463  14 6 0 -4.233165 -0.318259 2.710709  15 6 0 -5.623696 -0.319634 2.459083  16 6 0 -6.091222 -0.144248 1.180065  17 6 0 2.912289 0.487850 -0.310036  18 6 0 3.785130 -0.535180 0.222790  19 6 0 5.198716 -0.430764 -0.005529  20 6 0 5.725534 0.713297 -0.655810  21 6 0 4.894470 1.732814 -1.037511  22 6 0 3.502766 1.623292 -0.843972  23 6 0 3.338306 -1.618638 1.029374  24 6 0 4.207633 -2.572910 1.502752  25 6 0 5.584294 -2.506246 1.201823  26 6 0 6.065144 -1.448672 0.472710  27 6 0 -1.192891 -2.227406 -0.869494  28 7 0 -0.491393 -3.284984 -0.919298  29 6 0 -1.163529 -4.538386 -1.194376  30 6 0 1.119451 2.904260 0.347969  31 7 0 0.498127 3.989109 0.123439  32 6 0 1.043157 5.213160 0.675541  33 1 0 1.358227 -1.681983 -0.602431  34 1 0 -1.365171 2.379245 -0.204754  35 1 0 -2.702833 0.538638 -2.849165  36 1 0 -5.143319 0.532688 -3.280286  37 1 0 -6.734870 0.216649 -1.415522  38 1 0 -2.274794 -0.138380 1.883969  39 1 0 -3.871505 -0.456379 3.723467  40 1 0 -6.318710 -0.458773 3.279509  41 1 0 -7.157812 -0.143600 0.980382  42 1 0 6.795686 0.775593 -0.822303  43 1 0 5.294683 2.622726 -1.509819  44 1 0 2.874580 2.410256 -1.239767  45 1 0 2.295546 -1.685740 1.302711  46 1 0 3.830457 -3.379631 2.121122  47 1 0 6.257675 -3.273349 1.567054  48 1 0 7.126665 -1.359943 0.266143  49 1 0 -2.279172 -2.248692 -1.024735  50 1 0 -2.251144 -4.438550 -1.328455  51 1 0 2.052377 2.886053 0.926870  52 1 0 1.978331 5.069073 1.238074  53 1 0 -0.733959 -4.985283 -2.096606  54 1 0 -0.969549 -5.237725 -0.374930  55 1 0 1.222390 5.926344 -0.135254  56 1 0 0.300449 5.670798 1.336846 |
| TM\_NP\_model\_scan\_m\_90\_m\_30 | 1 6 0 1.426217 0.398892 -0.239414  2 6 0 0.766024 -0.798629 -0.538342  3 6 0 -0.622000 -0.892040 -0.675535  4 6 0 -1.405738 0.273781 -0.550463  5 6 0 -0.760615 1.474601 -0.270900  6 6 0 0.627096 1.565946 -0.115433  7 6 0 -2.892855 0.269702 -0.731675  8 6 0 -3.427471 0.488841 -1.984301  9 6 0 -4.824631 0.512686 -2.193533  10 6 0 -5.684402 0.314051 -1.143394  11 6 0 -5.185124 0.082209 0.164070  12 6 0 -3.768833 0.058442 0.380579  13 6 0 -3.290016 -0.179030 1.697183  14 6 0 -4.160232 -0.381489 2.741224  15 6 0 -5.556590 -0.356082 2.525828  16 6 0 -6.054005 -0.128836 1.266397  17 6 0 2.912331 0.445136 -0.368287  18 6 0 3.767806 -0.543858 0.240579  19 6 0 5.185812 -0.454480 0.038707  20 6 0 5.725235 0.634132 -0.691857  21 6 0 4.902313 1.613398 -1.183502  22 6 0 3.506932 1.522205 -1.005548  23 6 0 3.291383 -1.582849 1.086987  24 6 0 4.145515 -2.506215 1.641597  25 6 0 5.532502 -2.448050 1.386897  26 6 0 6.037208 -1.436759 0.609367  27 6 0 -1.239187 -2.200656 -0.974911  28 7 0 -0.554058 -3.264839 -1.080874  29 6 0 -1.251371 -4.499555 -1.377015  30 6 0 1.186196 2.862954 0.328247  31 7 0 0.560043 3.958227 0.179911  32 6 0 1.158274 5.163754 0.717080  33 1 0 1.332619 -1.701483 -0.722407  34 1 0 -1.336451 2.384114 -0.152462  35 1 0 -2.759784 0.649983 -2.823261  36 1 0 -5.210317 0.690474 -3.191050  37 1 0 -6.758195 0.331551 -1.297832  38 1 0 -2.221302 -0.196279 1.871404  39 1 0 -3.774860 -0.560672 3.738690  40 1 0 -6.232384 -0.515953 3.358438  41 1 0 -7.125208 -0.107831 1.094412  42 1 0 6.798826 0.685497 -0.839012  43 1 0 5.313695 2.456677 -1.726543  44 1 0 2.879604 2.276333 -1.464003  45 1 0 2.236926 -1.639787 1.316840  46 1 0 3.749647 -3.282350 2.286879  47 1 0 6.194366 -3.189058 1.820716  48 1 0 7.104649 -1.361135 0.429930  49 1 0 -2.329581 -2.202714 -1.099740  50 1 0 -2.340538 -4.380559 -1.479128  51 1 0 2.160933 2.822256 0.831398  52 1 0 2.132451 4.998715 1.202194  53 1 0 -0.851829 -4.924096 -2.303512  54 1 0 -1.046494 -5.226759 -0.584891  55 1 0 1.281588 5.894802 -0.088246  56 1 0 0.473086 5.611324 1.444142 |
| TM\_NP\_model\_scan\_m\_90\_m\_40 | 1 6 0 1.425866 0.374497 -0.321704  2 6 0 0.752932 -0.811319 -0.629481  3 6 0 -0.638786 -0.884832 -0.741132  4 6 0 -1.405983 0.286639 -0.565972  5 6 0 -0.744204 1.472674 -0.263398  6 6 0 0.648005 1.544693 -0.135451  7 6 0 -2.896679 0.303044 -0.716436  8 6 0 -3.453554 0.563843 -1.951267  9 6 0 -4.854183 0.609983 -2.131446  10 6 0 -5.695220 0.392403 -1.069975  11 6 0 -5.172861 0.119035 0.220319  12 6 0 -3.752876 0.072386 0.407306  13 6 0 -3.251051 -0.205843 1.707245  14 6 0 -4.102770 -0.425646 2.762988  15 6 0 -5.502709 -0.377869 2.576673  16 6 0 -6.022167 -0.111214 1.333979  17 6 0 2.914208 0.406953 -0.423457  18 6 0 3.750269 -0.543446 0.261002  19 6 0 5.171383 -0.477136 0.075671  20 6 0 5.726522 0.544407 -0.735901  21 6 0 4.915995 1.477424 -1.329192  22 6 0 3.517538 1.410170 -1.162516  23 6 0 3.245624 -1.527052 1.155283  24 6 0 4.081770 -2.417539 1.785310  25 6 0 5.475414 -2.376671 1.562438  26 6 0 6.004197 -1.421345 0.731551  27 6 0 -1.279082 -2.178181 -1.057349  28 7 0 -0.609722 -3.247001 -1.208232  29 6 0 -1.329683 -4.466360 -1.513713  30 6 0 1.245168 2.824815 0.304602  31 7 0 0.615765 3.925990 0.231513  32 6 0 1.261977 5.115742 0.747599  33 1 0 1.310324 -1.717025 -0.830679  34 1 0 -1.308478 2.383736 -0.107016  35 1 0 -2.800853 0.740527 -2.798852  36 1 0 -5.257469 0.820084 -3.115638  37 1 0 -6.771582 0.426807 -1.202115  38 1 0 -2.179394 -0.240096 1.859519  39 1 0 -3.699836 -0.635731 3.747400  40 1 0 -6.163770 -0.551735 3.418255  41 1 0 -7.096235 -0.072929 1.184305  42 1 0 6.802556 0.579951 -0.869525  43 1 0 5.340795 2.264803 -1.941475  44 1 0 2.895271 2.129184 -1.681793  45 1 0 2.183289 -1.567339 1.352971  46 1 0 3.667776 -3.154550 2.464216  47 1 0 6.123387 -3.090178 2.058850  48 1 0 7.075662 -1.365239 0.569779  49 1 0 -2.372382 -2.165032 -1.152608  50 1 0 -2.419450 -4.331972 -1.586047  51 1 0 2.255446 2.768128 0.729130  52 1 0 2.268407 4.933883 1.154406  53 1 0 -0.958378 -4.875677 -2.458614  54 1 0 -1.114677 -5.213015 -0.742606  55 1 0 1.330348 5.863014 -0.049366  56 1 0 0.636585 5.551959 1.533089 |
| TM\_NP\_model\_scan\_m\_90\_m\_50 | 1 6 0 1.427650 0.354073 -0.414660  2 6 0 0.738332 -0.818924 -0.727928  3 6 0 -0.656536 -0.872230 -0.810357  4 6 0 -1.404404 0.304415 -0.587159  5 6 0 -0.722805 1.475303 -0.270332  6 6 0 0.673476 1.527433 -0.174529  7 6 0 -2.898186 0.340107 -0.701561  8 6 0 -3.480595 0.637711 -1.916096  9 6 0 -4.884453 0.700736 -2.062979  10 6 0 -5.703192 0.462888 -0.988516  11 6 0 -5.154220 0.152735 0.282244  12 6 0 -3.730787 0.089673 0.435646  13 6 0 -3.202398 -0.224301 1.716774  14 6 0 -4.032029 -0.462987 2.785940  15 6 0 -5.435350 -0.399713 2.632573  16 6 0 -5.980224 -0.098378 1.408840  17 6 0 2.918585 0.360637 -0.493886  18 6 0 3.723827 -0.539851 0.283387  19 6 0 5.148175 -0.516508 0.116609  20 6 0 5.732082 0.409109 -0.785062  21 6 0 4.946723 1.287177 -1.487169  22 6 0 3.544655 1.262714 -1.334880  23 6 0 3.180447 -1.436326 1.243599  24 6 0 3.987179 -2.281886 1.966579  25 6 0 5.386409 -2.278867 1.774380  26 6 0 5.950115 -1.410803 0.873377  27 6 0 -1.321294 -2.150103 -1.138344  28 7 0 -0.669168 -3.221584 -1.338027  29 6 0 -1.412620 -4.425502 -1.648285  30 6 0 1.308781 2.791284 0.256117  31 7 0 0.677604 3.893796 0.274457  32 6 0 1.372389 5.068344 0.761087  33 1 0 1.283664 -1.728545 -0.946278  34 1 0 -1.272694 2.388479 -0.078731  35 1 0 -2.845673 0.829575 -2.773827  36 1 0 -5.307988 0.939387 -3.032039  37 1 0 -6.781928 0.509460 -1.095087  38 1 0 -2.127936 -0.270442 1.843900  39 1 0 -3.608870 -0.700041 3.755636  40 1 0 -6.078809 -0.589007 3.484410  41 1 0 -7.057018 -0.047799 1.284590  42 1 0 6.810420 0.414073 -0.904233  43 1 0 5.395120 1.997544 -2.172488  44 1 0 2.938787 1.940691 -1.925017  45 1 0 2.111731 -1.445197 1.411003  46 1 0 3.546600 -2.954443 2.693919  47 1 0 6.011357 -2.955372 2.346390  48 1 0 7.025441 -1.389260 0.729700  49 1 0 -2.416897 -2.123328 -1.197188  50 1 0 -2.502475 -4.277486 -1.682838  51 1 0 2.353605 2.722633 0.583586  52 1 0 2.411177 4.874178 1.068674  53 1 0 -1.075998 -4.817113 -2.613458  54 1 0 -1.182156 -5.191985 -0.901461  55 1 0 1.370122 5.836809 -0.018503  56 1 0 0.822977 5.483932 1.611873 |
| TM\_NP\_model\_scan\_m\_90\_m\_60 | 1 6 0 1.427920 0.308830 -0.500746  2 6 0 0.716455 -0.852169 -0.802511  3 6 0 -0.681070 -0.881134 -0.854264  4 6 0 -1.403599 0.305887 -0.601635  5 6 0 -0.696950 1.462505 -0.287366  6 6 0 0.702244 1.490544 -0.225913  7 6 0 -2.898649 0.367599 -0.687638  8 6 0 -3.496660 0.690812 -1.888002  9 6 0 -4.901528 0.778258 -2.010271  10 6 0 -5.705836 0.538994 -0.925280  11 6 0 -5.140543 0.203687 0.331849  12 6 0 -3.715865 0.116457 0.460421  13 6 0 -3.171219 -0.221391 1.728590  14 6 0 -3.986586 -0.460543 2.808576  15 6 0 -5.391142 -0.374024 2.679538  16 6 0 -5.951511 -0.048991 1.468956  17 6 0 2.920670 0.284343 -0.576740  18 6 0 3.705585 -0.526260 0.308525  19 6 0 5.130674 -0.545602 0.150996  20 6 0 5.731920 0.243157 -0.862617  21 6 0 4.962662 1.028092 -1.683232  22 6 0 3.559376 1.047853 -1.535167  23 6 0 3.137383 -1.295696 1.360089  24 6 0 3.925239 -2.055822 2.190596  25 6 0 5.327089 -2.088911 2.018752  26 6 0 5.912620 -1.347364 1.023241  27 6 0 -1.375315 -2.144261 -1.177741  28 7 0 -0.746391 -3.222496 -1.412576  29 6 0 -1.518042 -4.410825 -1.713910  30 6 0 1.379168 2.741238 0.176172  31 7 0 0.757248 3.844301 0.279205  32 6 0 1.501154 5.007930 0.716483  33 1 0 1.244587 -1.770091 -1.029592  34 1 0 -1.227402 2.382625 -0.075101  35 1 0 -2.873223 0.883335 -2.753972  36 1 0 -5.337301 1.036422 -2.968848  37 1 0 -6.785336 0.603880 -1.012812  38 1 0 -2.095620 -0.285218 1.836940  39 1 0 -3.551162 -0.715837 3.768156  40 1 0 -6.023222 -0.564123 3.539674  41 1 0 -7.029302 0.019791 1.363493  42 1 0 6.810757 0.217251 -0.974521  43 1 0 5.424921 1.631618 -2.456183  44 1 0 2.964361 1.656309 -2.207044  45 1 0 2.065271 -1.276164 1.506372  46 1 0 3.468695 -2.633764 2.986262  47 1 0 5.936875 -2.695866 2.678475  48 1 0 6.989496 -1.358773 0.890410  49 1 0 -2.471707 -2.100488 -1.201176  50 1 0 -2.606010 -4.245867 -1.711340  51 1 0 2.450622 2.662984 0.398699  52 1 0 2.564800 4.806446 0.914709  53 1 0 -1.218699 -4.794763 -2.694334  54 1 0 -1.275625 -5.190450 -0.984687  55 1 0 1.423542 5.791288 -0.044214  56 1 0 1.040821 5.407680 1.625720 |
| TM\_NP\_model\_scan\_m\_90\_m\_70 | 1 6 0 1.425527 0.231594 -0.586834  2 6 0 0.687086 -0.920514 -0.850080  3 6 0 -0.712075 -0.920606 -0.873414  4 6 0 -1.404259 0.285537 -0.625650  5 6 0 -0.668245 1.433086 -0.346905  6 6 0 0.732324 1.432355 -0.317131  7 6 0 -2.899249 0.376995 -0.684524  8 6 0 -3.512691 0.694272 -1.878675  9 6 0 -4.917504 0.808204 -1.977006  10 6 0 -5.706459 0.601395 -0.874203  11 6 0 -5.124977 0.273484 0.377462  12 6 0 -3.700159 0.159652 0.481738  13 6 0 -3.139249 -0.169883 1.744980  14 6 0 -3.939304 -0.376572 2.842951  15 6 0 -5.344042 -0.264170 2.737782  16 6 0 -5.919893 0.053915 1.532654  17 6 0 2.919230 0.168703 -0.662802  18 6 0 3.689701 -0.494972 0.345957  19 6 0 5.113906 -0.564815 0.197923  20 6 0 5.726480 0.028403 -0.935400  21 6 0 4.968626 0.668967 -1.882484  22 6 0 3.565415 0.737978 -1.742090  23 6 0 3.103872 -1.075190 1.503527  24 6 0 3.876759 -1.700726 2.451915  25 6 0 5.278982 -1.780049 2.296518  26 6 0 5.880128 -1.222534 1.195532  27 6 0 -1.439147 -2.174064 -1.159740  28 7 0 -0.837794 -3.267815 -1.395199  29 6 0 -1.640308 -4.444690 -1.658416  30 6 0 1.451265 2.676697 0.025344  31 7 0 0.851829 3.787530 0.168913  32 6 0 1.641657 4.947012 0.529776  33 1 0 1.193232 -1.854198 -1.063019  34 1 0 -1.175209 2.368117 -0.142368  35 1 0 -2.901536 0.861003 -2.758639  36 1 0 -5.365495 1.060746 -2.931441  37 1 0 -6.785881 0.686622 -0.943256  38 1 0 -2.063307 -0.253378 1.834730  39 1 0 -3.491601 -0.626066 3.798397  40 1 0 -5.963925 -0.428914 3.611906  41 1 0 -6.997869 0.142565 1.445498  42 1 0 6.804773 -0.032309 -1.039043  43 1 0 5.439997 1.120814 -2.747975  44 1 0 2.978385 1.235541 -2.506090  45 1 0 2.030535 -1.018752 1.632665  46 1 0 3.408920 -2.136600 3.327523  47 1 0 5.876878 -2.279088 3.050813  48 1 0 6.956955 -1.274092 1.072146  49 1 0 -2.534722 -2.108945 -1.155472  50 1 0 -2.724393 -4.258199 -1.628644  51 1 0 2.536515 2.587145 0.160632  52 1 0 2.715771 4.735255 0.641600  53 1 0 -1.375505 -4.847843 -2.641071  54 1 0 -1.393119 -5.218882 -0.925030  55 1 0 1.509717 5.722799 -0.231203  56 1 0 1.262263 5.361867 1.469112 |
| TM\_NP\_model\_scan\_m\_90\_m\_80 | 1 6 0 1.418939 0.082727 -0.673806  2 6 0 0.648796 -1.067191 -0.828170  3 6 0 -0.750746 -1.031671 -0.830036  4 6 0 -1.407285 0.208661 -0.671416  5 6 0 -0.637789 1.356403 -0.504788  6 6 0 0.762362 1.320659 -0.499927  7 6 0 -2.900541 0.334944 -0.707458  8 6 0 -3.533592 0.566959 -1.910881  9 6 0 -4.936882 0.712117 -1.988337  10 6 0 -5.704439 0.623685 -0.855056  11 6 0 -5.102226 0.387472 0.407421  12 6 0 -3.678952 0.240717 0.490113  13 6 0 -3.097099 0.003770 1.764517  14 6 0 -3.875680 -0.083429 2.893461  15 6 0 -5.278811 0.062186 2.809713  16 6 0 -5.874643 0.292329 1.594352  17 6 0 2.911940 -0.028651 -0.738121  18 6 0 3.672671 -0.432601 0.405300  19 6 0 5.096166 -0.550537 0.286604  20 6 0 5.716279 -0.264604 -0.956650  21 6 0 4.966019 0.122547 -2.037747  22 6 0 3.562870 0.240219 -1.924643  23 6 0 3.074508 -0.712939 1.663369  24 6 0 3.836949 -1.094089 2.741094  25 6 0 5.239642 -1.215547 2.620050  26 6 0 5.851581 -0.948733 1.420358  27 6 0 -1.514164 -2.284406 -1.001188  28 7 0 -0.944847 -3.408855 -1.158933  29 6 0 -1.781315 -4.581189 -1.314771  30 6 0 1.523323 2.570668 -0.299564  31 7 0 0.953582 3.701288 -0.195896  32 6 0 1.785787 4.868065 0.014685  33 1 0 1.128402 -2.028976 -0.963285  34 1 0 -1.117490 2.318760 -0.374668  35 1 0 -2.939370 0.640965 -2.814812  36 1 0 -5.400682 0.895094 -2.951068  37 1 0 -6.782485 0.734149 -0.907931  38 1 0 -2.022131 -0.104588 1.837605  39 1 0 -3.412056 -0.263750 3.856849  40 1 0 -5.881580 -0.007768 3.708194  41 1 0 -6.951489 0.405661 1.523342  42 1 0 6.794231 -0.357768 -1.037281  43 1 0 5.443535 0.338191 -2.986918  44 1 0 2.982099 0.541882 -2.789217  45 1 0 2.000103 -0.623821 1.764093  46 1 0 3.360868 -1.304179 3.692292  47 1 0 5.829497 -1.518985 3.477669  48 1 0 6.928460 -1.037999 1.321191  49 1 0 -2.607524 -2.190444 -0.983682  50 1 0 -2.859646 -4.365133 -1.276936  51 1 0 2.614334 2.468467 -0.238859  52 1 0 2.862190 4.643595 0.058693  53 1 0 -1.548736 -5.063951 -2.269351  54 1 0 -1.536240 -5.304104 -0.530164  55 1 0 1.605361 5.588276 -0.789708  56 1 0 1.487203 5.358151 0.946896 |
| TM\_NP\_model\_scan\_m\_90\_m\_90 | 1 6 0 -1.409288 0.136065 -0.699577  2 6 0 -0.608049 1.273741 -0.660497  3 6 0 0.790429 1.200130 -0.660858  4 6 0 1.412130 -0.066880 -0.704204  5 6 0 0.610844 -1.204814 -0.737048  6 6 0 -0.787411 -1.131308 -0.734908  7 6 0 2.901814 -0.227860 -0.748498  8 6 0 3.544341 -0.276002 -1.968269  9 6 0 4.943604 -0.450677 -2.056409  10 6 0 5.697550 -0.576890 -0.917546  11 6 0 5.085161 -0.535199 0.361369  12 6 0 3.665972 -0.358956 0.454777  13 6 0 3.073661 -0.319758 1.745802  14 6 0 3.838793 -0.446663 2.880173  15 6 0 5.237940 -0.620979 2.785685  16 6 0 5.843498 -0.664278 1.554182  17 6 0 -2.899185 0.297907 -0.733824  18 6 0 -3.667489 0.317670 0.473843  19 6 0 -5.087607 0.492512 0.391543  20 6 0 -5.696583 0.644164 -0.880637  21 6 0 -4.938399 0.626266 -2.023484  22 6 0 -3.538282 0.452687 -1.946434  23 6 0 -3.078460 0.168866 1.758268  24 6 0 -3.847526 0.190022 2.896873  25 6 0 -5.247662 0.362276 2.813393  26 6 0 -5.850101 0.510146 1.588524  27 6 0 1.588855 2.441640 -0.613954  28 7 0 1.051950 3.592745 -0.599539  29 6 0 1.920831 4.750485 -0.545901  30 6 0 -1.585744 -2.373255 -0.772550  31 7 0 -1.048419 -3.523390 -0.816749  32 6 0 -1.917402 -4.681923 -0.846849  33 1 0 -1.060881 2.257207 -0.631814  34 1 0 1.063808 -2.188051 -0.771107  35 1 0 2.960938 -0.180206 -2.877201  36 1 0 5.415210 -0.485510 -3.032027  37 1 0 6.772385 -0.711668 -0.978850  38 1 0 2.001403 -0.191769 1.827157  39 1 0 3.367333 -0.415226 3.856041  40 1 0 5.829855 -0.721345 3.688478  41 1 0 6.917311 -0.798674 1.474550  42 1 0 -6.772191 0.776363 -0.933338  43 1 0 -5.407338 0.745605 -2.993698  44 1 0 -2.951613 0.441167 -2.858234  45 1 0 -2.005578 0.041256 1.831245  46 1 0 -3.378497 0.075838 3.867734  47 1 0 -5.842746 0.378360 3.719545  48 1 0 -6.924575 0.644106 1.517523  49 1 0 2.678760 2.314482 -0.589525  50 1 0 2.992311 4.500937 -0.523007  51 1 0 -2.675949 -2.247375 -0.759101  52 1 0 -2.989240 -4.433705 -0.826738  53 1 0 1.722847 5.388581 -1.413048  54 1 0 1.675398 5.342470 0.341574  55 1 0 -1.704876 -5.266898 -1.747401  56 1 0 -1.686185 -5.326240 0.007346 |
| TM\_NP\_model\_scan\_m\_90\_m\_100 | 1 6 0 -1.398748 0.336745 -0.661187  2 6 0 -0.566087 1.432325 -0.450322  3 6 0 0.829989 1.322525 -0.469010  4 6 0 1.416988 0.061266 -0.708520  5 6 0 0.584549 -1.034561 -0.921476  6 6 0 -0.810963 -0.924500 -0.905045  7 6 0 2.901808 -0.132458 -0.774075  8 6 0 3.553009 -0.007883 -1.983685  9 6 0 4.948164 -0.203635 -2.091739  10 6 0 5.689189 -0.523774 -0.982798  11 6 0 5.067673 -0.662367 0.284909  12 6 0 3.652840 -0.465237 0.398294  13 6 0 3.051641 -0.604246 1.678239  14 6 0 3.804106 -0.921144 2.783495  15 6 0 5.198768 -1.117637 2.668932  16 6 0 5.812796 -0.990878 1.447409  17 6 0 -2.882501 0.542746 -0.642848  18 6 0 -3.665094 0.199140 0.506508  19 6 0 -5.079329 0.429197 0.478356  20 6 0 -5.668949 0.996419 -0.680599  21 6 0 -4.896952 1.327880 -1.764623  22 6 0 -3.502733 1.100672 -1.741745  23 6 0 -3.095049 -0.355112 1.684205  24 6 0 -3.877358 -0.673433 2.768288  25 6 0 -5.272625 -0.452816 2.735231  26 6 0 -5.856208 0.087512 1.616045  27 6 0 1.660548 2.520639 -0.232527  28 7 0 1.153305 3.667613 -0.030847  29 6 0 2.051796 4.780527 0.198139  30 6 0 -1.641062 -2.118585 -1.163452  31 7 0 -1.133833 -3.265955 -1.362492  32 6 0 -2.031544 -4.374505 -1.614626  33 1 0 -0.991986 2.409873 -0.260506  34 1 0 1.010535 -2.011170 -1.116284  35 1 0 2.979800 0.242564 -2.869370  36 1 0 5.426806 -0.099757 -3.058980  37 1 0 6.760735 -0.675673 -1.059596  38 1 0 1.982948 -0.458291 1.774195  39 1 0 3.326141 -1.022996 3.751344  40 1 0 5.780803 -1.368928 3.548473  41 1 0 6.883382 -1.140433 1.352721  42 1 0 -6.740433 1.166579 -0.692513  43 1 0 -5.350492 1.765115 -2.646975  44 1 0 -2.905725 1.364040 -2.607660  45 1 0 -2.025691 -0.521084 1.721896  46 1 0 -3.421993 -1.094030 3.657846  47 1 0 -5.878547 -0.708070 3.597323  48 1 0 -6.926359 0.264552 1.585763  49 1 0 2.746942 2.364888 -0.238596  50 1 0 3.116636 4.504284 0.171212  51 1 0 -2.726732 -1.959126 -1.178405  52 1 0 -3.095740 -4.094817 -1.605786  53 1 0 1.865795 5.553328 -0.554573  54 1 0 1.826169 5.229656 1.170610  55 1 0 -1.788871 -4.819447 -2.584948  56 1 0 -1.862395 -5.151609 -0.862450 |
| TM\_NP\_model\_scan\_m\_90\_m\_110 | 1 6 0 -1.389230 0.461506 -0.603102  2 6 0 -0.531033 1.516428 -0.301765  3 6 0 0.862090 1.381106 -0.339779  4 6 0 1.422048 0.133924 -0.690772  5 6 0 0.565603 -0.920505 -0.997334  6 6 0 -0.827130 -0.783695 -0.966291  7 6 0 2.902495 -0.082901 -0.778190  8 6 0 3.554488 0.133878 -1.974269  9 6 0 4.946126 -0.075071 -2.101997  10 6 0 5.682687 -0.501092 -1.026216  11 6 0 5.059764 -0.739627 0.225804  12 6 0 3.648325 -0.530487 0.358742  13 6 0 3.045182 -0.772978 1.622213  14 6 0 3.792777 -1.198889 2.693631  15 6 0 5.184207 -1.406188 2.559881  16 6 0 5.799972 -1.181171 1.353474  17 6 0 -2.865547 0.697897 -0.536961  18 6 0 -3.674400 0.117637 0.494603  19 6 0 -5.079977 0.397751 0.514535  20 6 0 -5.635045 1.251803 -0.472781  21 6 0 -4.837005 1.814904 -1.435395  22 6 0 -3.452456 1.538294 -1.461815  23 6 0 -3.139723 -0.712002 1.517230  24 6 0 -3.947892 -1.250218 2.489757  25 6 0 -5.335946 -0.986700 2.496304  26 6 0 -5.884883 -0.178749 1.531697  27 6 0 1.718287 2.537539 -0.006652  28 7 0 1.236146 3.674617 0.290290  29 6 0 2.158896 4.745327 0.607183  30 6 0 -1.678364 -1.926277 -1.357741  31 7 0 -1.196868 -3.074515 -1.608779  32 6 0 -2.111840 -4.126498 -2.001946  33 1 0 -0.934953 2.480103 -0.017037  34 1 0 0.970282 -1.883139 -1.284911  35 1 0 2.984753 0.470376 -2.833269  36 1 0 5.425648 0.103981 -3.057744  37 1 0 6.751615 -0.662815 -1.117980  38 1 0 1.979006 -0.618876 1.732425  39 1 0 3.313435 -1.379103 3.649305  40 1 0 5.762327 -1.743850 3.412684  41 1 0 6.867955 -1.338980 1.243993  42 1 0 -6.700268 1.456307 -0.448447  43 1 0 -5.262650 2.473049 -2.184431  44 1 0 -2.835691 1.984193 -2.233958  45 1 0 -2.076272 -0.914556 1.528787  46 1 0 -3.517703 -1.878486 3.261637  47 1 0 -5.962587 -1.418740 3.268387  48 1 0 -6.948383 0.036684 1.535431  49 1 0 2.801030 2.359693 -0.029119  50 1 0 3.217461 4.449465 0.554186  51 1 0 -2.754780 -1.726277 -1.430436  52 1 0 -3.164332 -3.807885 -2.040562  53 1 0 1.988648 5.581133 -0.078975  54 1 0 1.944505 5.117636 1.614006  55 1 0 -1.819287 -4.507828 -2.985492  56 1 0 -2.019561 -4.962474 -1.301352 |
| TM\_NP\_model\_scan\_m\_90\_m\_120 | 1 6 0 -1.383340 0.537366 -0.597589  2 6 0 -0.507310 1.571792 -0.272639  3 6 0 0.883373 1.418580 -0.317309  4 6 0 1.425705 0.171936 -0.696122  5 6 0 0.553574 -0.859999 -1.033292  6 6 0 -0.836773 -0.704323 -0.998614  7 6 0 2.902618 -0.069237 -0.776842  8 6 0 3.571179 0.166224 -1.960123  9 6 0 4.959538 -0.068159 -2.079763  10 6 0 5.675890 -0.539275 -1.009127  11 6 0 5.035286 -0.799064 0.229656  12 6 0 3.627340 -0.563415 0.354656  13 6 0 3.006156 -0.828523 1.604848  14 6 0 3.733326 -1.301093 2.670749  15 6 0 5.121306 -1.534667 2.544691  16 6 0 5.754197 -1.288551 1.351343  17 6 0 -2.852682 0.783792 -0.473533  18 6 0 -3.665277 0.068999 0.470088  19 6 0 -5.062991 0.377630 0.554593  20 6 0 -5.604975 1.397500 -0.268548  21 6 0 -4.800280 2.098408 -1.129750  22 6 0 -3.425602 1.793297 -1.223125  23 6 0 -3.142783 -0.911646 1.356793  24 6 0 -3.955301 -1.572749 2.246322  25 6 0 -5.337942 -1.289092 2.303584  26 6 0 -5.874085 -0.332074 1.478832  27 6 0 1.756324 2.552865 0.047029  28 7 0 1.291454 3.690457 0.368463  29 6 0 2.230163 4.737684 0.715714  30 6 0 -1.699282 -1.815601 -1.452624  31 7 0 -1.236596 -2.969812 -1.711062  32 6 0 -2.158720 -3.984806 -2.178202  33 1 0 -0.895781 2.530767 0.047028  34 1 0 0.944174 -1.819330 -1.349859  35 1 0 3.017479 0.537345 -2.815338  36 1 0 5.452620 0.126857 -3.025429  37 1 0 6.742019 -0.721408 -1.095050  38 1 0 1.942450 -0.654701 1.709403  39 1 0 3.240251 -1.498173 3.616053  40 1 0 5.683110 -1.909256 3.392965  41 1 0 6.819608 -1.466421 1.247745  42 1 0 -6.664276 1.620381 -0.195816  43 1 0 -5.213984 2.886807 -1.748270  44 1 0 -2.805757 2.346522 -1.919599  45 1 0 -2.083513 -1.132039 1.334939  46 1 0 -3.531185 -2.314015 2.914276  47 1 0 -5.969118 -1.820597 3.006792  48 1 0 -6.931987 -0.095368 1.526910  49 1 0 2.836038 2.357300 0.025698  50 1 0 3.283950 4.425909 0.659331  51 1 0 -2.765249 -1.584231 -1.571047  52 1 0 -3.199172 -3.635995 -2.258356  53 1 0 2.076488 5.593211 0.050281  54 1 0 2.017652 5.087827 1.730854  55 1 0 -1.828445 -4.346734 -3.157138  56 1 0 -2.123166 -4.841951 -1.498359 |
| TM\_NP\_model\_scan\_m\_90\_m\_130 | 1 6 0 -1.378482 0.569422 -0.592306  2 6 0 -0.484669 1.593324 -0.276103  3 6 0 0.903213 1.423860 -0.324417  4 6 0 1.430042 0.166323 -0.688173  5 6 0 0.543459 -0.857086 -1.012744  6 6 0 -0.844765 -0.683430 -0.980129  7 6 0 2.903543 -0.093449 -0.769960  8 6 0 3.570847 0.118543 -1.958418  9 6 0 4.956139 -0.132768 -2.079073  10 6 0 5.670712 -0.596772 -1.004148  11 6 0 5.031310 -0.832172 0.240146  12 6 0 3.626404 -0.579629 0.366105  13 6 0 3.006301 -0.819999 1.621808  14 6 0 3.731846 -1.284845 2.692209  15 6 0 5.116841 -1.535085 2.565289  16 6 0 5.748530 -1.313150 1.366564  17 6 0 -2.839978 0.834431 -0.430150  18 6 0 -3.678218 0.048053 0.434203  19 6 0 -5.064840 0.395339 0.557123  20 6 0 -5.568581 1.528371 -0.130311  21 6 0 -4.734451 2.307192 -0.890452  22 6 0 -3.374012 1.962939 -1.026546  23 6 0 -3.194048 -1.033101 1.221020  24 6 0 -4.032570 -1.757500 2.033842  25 6 0 -5.407187 -1.442791 2.112147  26 6 0 -5.905501 -0.385219 1.394010  27 6 0 1.789811 2.552182 0.025877  28 7 0 1.338511 3.699031 0.333367  29 6 0 2.289410 4.739551 0.667300  30 6 0 -1.713447 -1.779969 -1.460274  31 7 0 -1.269910 -2.949839 -1.677996  32 6 0 -2.193000 -3.944721 -2.185057  33 1 0 -0.857188 2.557824 0.045301  34 1 0 0.920844 -1.823659 -1.323175  35 1 0 3.018516 0.484202 -2.816873  36 1 0 5.448274 0.043757 -3.028861  37 1 0 6.734534 -0.791634 -1.090786  38 1 0 1.944823 -0.633281 1.727063  39 1 0 3.239746 -1.462865 3.641782  40 1 0 5.677375 -1.903262 3.417201  41 1 0 6.811641 -1.503929 1.262285  42 1 0 -6.619650 1.777220 -0.028789  43 1 0 -5.114529 3.186487 -1.398027  44 1 0 -2.735182 2.577186 -1.650824  45 1 0 -2.141886 -1.281597 1.189640  46 1 0 -3.633599 -2.572869 2.626723  47 1 0 -6.059786 -2.026868 2.751163  48 1 0 -6.954891 -0.118406 1.464782  49 1 0 2.867143 2.343764 0.006318  50 1 0 3.339478 4.414921 0.614417  51 1 0 -2.764442 -1.521590 -1.640869  52 1 0 -3.216530 -3.567546 -2.329111  53 1 0 2.145378 5.588465 -0.008687  54 1 0 2.081526 5.104726 1.678083  55 1 0 -1.818131 -4.329519 -3.138875  56 1 0 -2.221633 -4.792920 -1.493770 |
| TM\_NP\_model\_scan\_m\_90\_m\_140 | 1 6 0 -1.377764 0.596253 -0.626848  2 6 0 -0.469423 1.614707 -0.327492  3 6 0 0.916244 1.431152 -0.368856  4 6 0 1.432534 0.159986 -0.697827  5 6 0 0.535523 -0.860002 -1.002662  6 6 0 -0.850691 -0.671029 -0.980748  7 6 0 2.903117 -0.118990 -0.762839  8 6 0 3.581334 0.055849 -1.951172  9 6 0 4.963811 -0.217158 -2.055921  10 6 0 5.664430 -0.665743 -0.965378  11 6 0 5.013419 -0.862748 0.279592  12 6 0 3.611452 -0.587611 0.389660  13 6 0 2.979675 -0.788842 1.646422  14 6 0 3.691422 -1.238025 2.732660  15 6 0 5.073431 -1.511073 2.621334  16 6 0 5.716153 -1.326910 1.422072  17 6 0 -2.831763 0.869401 -0.416119  18 6 0 -3.675836 0.034272 0.400641  19 6 0 -5.052079 0.403112 0.576632  20 6 0 -5.535532 1.610425 0.013685  21 6 0 -4.687481 2.444947 -0.667548  22 6 0 -3.341531 2.077667 -0.862594  23 6 0 -3.207565 -1.106794 1.109562  24 6 0 -4.052532 -1.872177 1.877021  25 6 0 -5.421462 -1.543908 1.986721  26 6 0 -5.902796 -0.424911 1.356211  27 6 0 1.812080 2.557990 -0.037076  28 7 0 1.370578 3.714911 0.245786  29 6 0 2.329843 4.752450 0.564807  30 6 0 -1.720603 -1.759810 -1.478918  31 7 0 -1.293244 -2.941782 -1.659191  32 6 0 -2.213476 -3.923677 -2.196081  33 1 0 -0.827653 2.587188 -0.015098  34 1 0 0.902855 -1.836885 -1.292126  35 1 0 3.039982 0.408326 -2.822051  36 1 0 5.464854 -0.069897 -3.006036  37 1 0 6.725936 -0.877494 -1.039930  38 1 0 1.920309 -0.584614 1.739955  39 1 0 3.190535 -1.385999 3.682788  40 1 0 5.622963 -1.866778 3.485621  41 1 0 6.777066 -1.535280 1.329753  42 1 0 -6.578626 1.873003 0.154738  43 1 0 -5.046108 3.385573 -1.069751  44 1 0 -2.699251 2.736402 -1.435464  45 1 0 -2.160153 -1.368963 1.062053  46 1 0 -3.661103 -2.730574 2.411323  47 1 0 -6.080384 -2.162498 2.585477  48 1 0 -6.944823 -0.140588 1.459746  49 1 0 2.887436 2.338822 -0.047257  50 1 0 3.376964 4.416962 0.522557  51 1 0 -2.756231 -1.481953 -1.712511  52 1 0 -3.219496 -3.525497 -2.396097  53 1 0 2.196824 5.590244 -0.127079  54 1 0 2.121271 5.137820 1.567926  55 1 0 -1.801705 -4.332615 -3.124263  56 1 0 -2.296400 -4.759421 -1.494092 |
| TM\_NP\_model\_scan\_m\_90\_p\_20 | 1 6 0 1.420380 0.401691 -0.208609  2 6 0 0.784388 -0.842369 -0.088725  3 6 0 -0.587435 -1.031803 -0.279773  4 6 0 -1.404779 0.083240 -0.550913  5 6 0 -0.797807 1.332387 -0.640610  6 6 0 0.578403 1.517945 -0.475036  7 6 0 -2.882080 -0.031608 -0.769414  8 6 0 -3.370668 -0.233720 -2.043519  9 6 0 -4.758277 -0.327656 -2.292830  10 6 0 -5.654819 -0.218343 -1.260545  11 6 0 -5.203724 -0.008460 0.067994  12 6 0 -3.797348 0.089208 0.324805  13 6 0 -3.367114 0.299937 1.662594  14 6 0 -4.274353 0.406867 2.689090  15 6 0 -5.660798 0.310018 2.433783  16 6 0 -6.111664 0.107913 1.152733  17 6 0 2.809512 0.533780 0.325489  18 6 0 3.836912 -0.448636 0.055120  19 6 0 5.135830 -0.275868 0.641869  20 6 0 5.424589 0.897127 1.383374  21 6 0 4.479381 1.879625 1.513415  22 6 0 3.192168 1.701940 0.967729  23 6 0 3.666372 -1.555647 -0.822181  24 6 0 4.670537 -2.470632 -1.034349  25 6 0 5.915267 -2.338411 -0.383855  26 6 0 6.141178 -1.254738 0.425964  27 6 0 -1.160529 -2.387281 -0.148082  28 7 0 -0.437700 -3.411874 0.053879  29 6 0 -1.094139 -4.697068 0.180436  30 6 0 1.118749 2.861613 -0.788356  31 7 0 0.407021 3.912049 -0.731051  32 6 0 1.006501 5.165158 -1.143816  33 1 0 1.344746 -1.713470 0.219358  34 1 0 -1.393182 2.208120 -0.867228  35 1 0 -2.673637 -0.321058 -2.869522  36 1 0 -5.107319 -0.485704 -3.307039  37 1 0 -6.721543 -0.289440 -1.445581  38 1 0 -2.306671 0.380698 1.866470  39 1 0 -3.925843 0.568802 3.702884  40 1 0 -6.365981 0.397373 3.252682  41 1 0 -7.175084 0.034212 0.949750  42 1 0 6.410517 1.011508 1.821204  43 1 0 4.703469 2.792239 2.053909  44 1 0 2.449181 2.461036 1.172889  45 1 0 2.737126 -1.672597 -1.359943  46 1 0 4.504758 -3.297009 -1.716287  47 1 0 6.693796 -3.075213 -0.546081  48 1 0 7.106597 -1.114263 0.900933  49 1 0 -2.252216 -2.460672 -0.234717  50 1 0 -2.188109 -4.648918 0.072636  51 1 0 2.164358 2.893993 -1.122450  52 1 0 2.057663 5.073086 -1.457183  53 1 0 -0.692191 -5.381931 -0.572973  54 1 0 -0.852582 -5.128274 1.157138  55 1 0 0.426761 5.584719 -1.972258  56 1 0 0.942330 5.884284 -0.321093 |
| TM\_NP\_model\_scan\_m\_90\_p\_30 | 1 6 0 1.410201 0.362737 -0.122376  2 6 0 0.769594 -0.874857 0.013089  3 6 0 -0.600196 -1.054806 -0.200658  4 6 0 -1.397832 0.060705 -0.528861  5 6 0 -0.778003 1.301038 -0.647530  6 6 0 0.596321 1.478579 -0.453887  7 6 0 -2.870618 -0.047366 -0.780625  8 6 0 -3.329404 -0.286844 -2.059321  9 6 0 -4.711274 -0.375066 -2.340603  10 6 0 -5.632206 -0.222197 -1.335673  11 6 0 -5.212199 0.027307 -0.003788  12 6 0 -3.811692 0.118736 0.285343  13 6 0 -3.412791 0.368993 1.626014  14 6 0 -4.344194 0.519826 2.624985  15 6 0 -5.724828 0.429655 2.337710  16 6 0 -6.145678 0.189617 1.052999  17 6 0 2.807327 0.500978 0.384170  18 6 0 3.846548 -0.440412 0.043945  19 6 0 5.155039 -0.263882 0.606302  20 6 0 5.424875 0.864753 1.420482  21 6 0 4.450233 1.799770 1.651655  22 6 0 3.156734 1.621721 1.120646  23 6 0 3.668180 -1.513779 -0.872129  24 6 0 4.687480 -2.390230 -1.159669  25 6 0 5.952657 -2.248095 -0.550675  26 6 0 6.178837 -1.200041 0.305051  27 6 0 -1.192297 -2.399248 -0.043198  28 7 0 -0.487136 -3.424629 0.210645  29 6 0 -1.161363 -4.698480 0.356236  30 6 0 1.167742 2.807985 -0.767701  31 7 0 0.459092 3.861847 -0.796543  32 6 0 1.097094 5.101519 -1.191240  33 1 0 1.325294 -1.742538 0.341849  34 1 0 -1.359980 2.173488 -0.917612  35 1 0 -2.612947 -0.408317 -2.864125  36 1 0 -5.036454 -0.563351 -3.357581  37 1 0 -6.694681 -0.288574 -1.545269  38 1 0 -2.356877 0.444533 1.853877  39 1 0 -4.019441 0.711519 3.641479  40 1 0 -6.449315 0.552031 3.134997  41 1 0 -7.204462 0.120588 0.825577  42 1 0 6.418248 0.982430 1.840306  43 1 0 4.658818 2.674212 2.257559  44 1 0 2.391857 2.342395 1.381127  45 1 0 2.717202 -1.634830 -1.370901  46 1 0 4.518677 -3.194376 -1.866997  47 1 0 6.744680 -2.953261 -0.776034  48 1 0 7.155686 -1.058651 0.755748  49 1 0 -2.281930 -2.463774 -0.158094  50 1 0 -2.251610 -4.641710 0.218708  51 1 0 2.236808 2.828164 -1.015884  52 1 0 2.169700 4.997562 -1.415576  53 1 0 -0.748144 -5.408583 -0.367154  54 1 0 -0.949843 -5.104703 1.350450  55 1 0 0.588770 5.501713 -2.074377  56 1 0 0.970525 5.841812 -0.394921 |
| TM\_NP\_model\_scan\_m\_90\_p\_40 | 1 6 0 1.400642 0.330099 -0.036297  2 6 0 0.753704 -0.900251 0.113173  3 6 0 -0.613486 -1.071397 -0.124419  4 6 0 -1.390325 0.042797 -0.506644  5 6 0 -0.756635 1.273305 -0.651220  6 6 0 0.615090 1.442951 -0.429713  7 6 0 -2.857820 -0.059561 -0.791003  8 6 0 -3.287858 -0.334645 -2.072485  9 6 0 -4.663286 -0.419471 -2.384713  10 6 0 -5.606790 -0.227413 -1.407838  11 6 0 -5.216737 0.059811 -0.074448  12 6 0 -3.822816 0.147598 0.245990  13 6 0 -3.454062 0.435329 1.587756  14 6 0 -4.407855 0.625926 2.558409  15 6 0 -5.781962 0.539893 2.240146  16 6 0 -6.173891 0.263598 0.953577  17 6 0 2.806597 0.468335 0.443695  18 6 0 3.851646 -0.430234 0.028629  19 6 0 5.168397 -0.261316 0.572625  20 6 0 5.427862 0.810151 1.464262  21 6 0 4.433824 1.694385 1.794696  22 6 0 3.133875 1.525635 1.275803  23 6 0 3.662573 -1.458051 -0.935756  24 6 0 4.689866 -2.295540 -1.299747  25 6 0 5.971191 -2.154912 -0.723750  26 6 0 6.202266 -1.153799 0.185582  27 6 0 -1.224301 -2.404582 0.055275  28 7 0 -0.537315 -3.429503 0.356509  29 6 0 -1.229032 -4.692011 0.518177  30 6 0 1.214976 2.759896 -0.738433  31 7 0 0.514502 3.813968 -0.849095  32 6 0 1.186612 5.043302 -1.218501  33 1 0 1.302921 -1.764987 0.462264  34 1 0 -1.324121 2.141909 -0.961604  35 1 0 -2.553302 -0.487301 -2.855363  36 1 0 -4.965501 -0.636525 -3.403046  37 1 0 -6.664472 -0.290992 -1.641191  38 1 0 -2.403199 0.507261 1.838930  39 1 0 -4.106029 0.845982 3.576235  40 1 0 -6.524337 0.693950 3.015183  41 1 0 -7.227500 0.197279 0.702537  42 1 0 6.427795 0.923392 1.869572  43 1 0 4.634186 2.520777 2.467190  44 1 0 2.354237 2.207378 1.593818  45 1 0 2.694133 -1.575145 -1.402231  46 1 0 4.515739 -3.067954 -2.040375  47 1 0 6.770613 -2.827921 -1.012489  48 1 0 7.188610 -1.019924 0.617508  49 1 0 -2.311157 -2.461280 -0.086751  50 1 0 -2.314987 -4.627331 0.352898  51 1 0 2.300238 2.772295 -0.900120  52 1 0 2.272725 4.931523 -1.357669  53 1 0 -0.806532 -5.424626 -0.176861  54 1 0 -1.045805 -5.074986 1.527125  55 1 0 0.749067 5.427379 -2.145603  56 1 0 1.002777 5.799617 -0.448813 |
| TM\_NP\_model\_scan\_m\_90\_p\_50 | 1 6 0 1.393090 0.299981 0.060677  2 6 0 0.736131 -0.921909 0.220026  3 6 0 -0.627645 -1.083047 -0.044099  4 6 0 -1.380775 0.029774 -0.477315  5 6 0 -0.731428 1.249873 -0.638428  6 6 0 0.636516 1.410371 -0.385119  7 6 0 -2.840896 -0.066479 -0.800411  8 6 0 -3.236177 -0.371434 -2.086314  9 6 0 -4.602639 -0.452909 -2.436443  10 6 0 -5.572277 -0.227020 -1.492979  11 6 0 -5.218389 0.092439 -0.156866  12 6 0 -3.833575 0.176491 0.202015  13 6 0 -3.501327 0.496658 1.545934  14 6 0 -4.481122 0.722215 2.482627  15 6 0 -5.846150 0.640168 2.126389  16 6 0 -6.203051 0.332483 0.836765  17 6 0 2.807984 0.426497 0.519608  18 6 0 3.852098 -0.418214 0.009560  19 6 0 5.178854 -0.275013 0.535312  20 6 0 5.439336 0.712026 1.519553  21 6 0 4.436518 1.537147 1.960159  22 6 0 3.127762 1.395128 1.454065  23 6 0 3.645456 -1.370807 -1.025347  24 6 0 4.673576 -2.158144 -1.485485  25 6 0 5.970604 -2.037935 -0.939644  26 6 0 6.214399 -1.112657 0.043986  27 6 0 -1.258841 -2.404093 0.153348  28 7 0 -0.593535 -3.426804 0.506432  29 6 0 -1.304055 -4.677117 0.680238  30 6 0 1.263860 2.716404 -0.680843  31 7 0 0.577494 3.766651 -0.880937  32 6 0 1.281848 4.988010 -1.214140  33 1 0 1.275326 -1.785386 0.588879  34 1 0 -1.281897 2.115814 -0.984889  35 1 0 -2.480604 -0.550934 -2.843040  36 1 0 -4.877086 -0.694427 -3.457129  37 1 0 -6.623302 -0.287827 -1.755334  38 1 0 -2.457504 0.565298 1.825804  39 1 0 -4.207081 0.966973 3.502683  40 1 0 -6.609292 0.821971 2.874789  41 1 0 -7.249499 0.268836 0.556775  42 1 0 6.446632 0.807318 1.911112  43 1 0 4.638445 2.295800 2.707837  44 1 0 2.341776 2.032875 1.841839  45 1 0 2.661079 -1.469307 -1.462991  46 1 0 4.488827 -2.874896 -2.277702  47 1 0 6.771558 -2.669610 -1.306904  48 1 0 7.210982 -1.000133 0.458199  49 1 0 -2.341119 -2.453801 -0.022217  50 1 0 -2.383800 -4.605523 0.480528  51 1 0 2.359110 2.725666 -0.743197  52 1 0 2.375569 4.872675 -1.257333  53 1 0 -0.869209 -5.432350 0.017743  54 1 0 -1.155419 -5.035154 1.703914  55 1 0 0.926112 5.355490 -2.182037  56 1 0 1.034564 5.758382 -0.476776 |
| TM\_NP\_model\_scan\_m\_90\_p\_60 | 1 6 0 1.385849 0.259999 0.164246  2 6 0 0.712869 -0.951514 0.323838  3 6 0 -0.646829 -1.097194 0.029352  4 6 0 -1.371363 0.018566 -0.444689  5 6 0 -0.702028 1.227288 -0.609040  6 6 0 0.661142 1.372811 -0.321188  7 6 0 -2.822763 -0.064353 -0.808979  8 6 0 -3.183245 -0.386456 -2.100920  9 6 0 -4.539440 -0.456115 -2.491100  10 6 0 -5.533945 -0.200919 -1.581618  11 6 0 -5.216206 0.137280 -0.241083  12 6 0 -3.841795 0.209201 0.158432  13 6 0 -3.546104 0.548642 1.506142  14 6 0 -4.550638 0.803803 2.408418  15 6 0 -5.905269 0.733666 2.012113  16 6 0 -6.227102 0.407975 0.717718  17 6 0 2.808756 0.363373 0.609493  18 6 0 3.848977 -0.405628 -0.010259  19 6 0 5.186959 -0.295507 0.493561  20 6 0 5.455221 0.577495 1.578416  21 6 0 4.448753 1.321318 2.139700  22 6 0 3.129596 1.214199 1.650159  23 6 0 3.621722 -1.255112 -1.127126  24 6 0 4.647411 -1.970877 -1.696271  25 6 0 5.960090 -1.877109 -1.182662  26 6 0 6.220454 -1.055002 -0.114953  27 6 0 -1.302484 -2.405518 0.231020  28 7 0 -0.664690 -3.428528 0.631012  29 6 0 -1.397926 -4.665747 0.803879  30 6 0 1.317406 2.668658 -0.595017  31 7 0 0.655626 3.714638 -0.881636  32 6 0 1.390898 4.928838 -1.170691  33 1 0 1.236898 -1.818251 0.707499  34 1 0 -1.231388 2.094860 -0.983300  35 1 0 -2.407659 -0.588762 -2.831165  36 1 0 -4.786176 -0.711831 -3.515396  37 1 0 -6.577302 -0.252388 -1.874769  38 1 0 -2.510362 0.608300 1.816493  39 1 0 -4.304342 1.062911 3.432008  40 1 0 -6.688160 0.938800 2.733590  41 1 0 -7.265355 0.353292 0.407031  42 1 0 6.470860 0.649277 1.953118  43 1 0 4.656722 1.989723 2.967567  44 1 0 2.341875 1.792215 2.120278  45 1 0 2.622430 -1.331926 -1.535263  46 1 0 4.449380 -2.611033 -2.548611  47 1 0 6.759567 -2.450250 -1.638532  48 1 0 7.227700 -0.968335 0.279221  49 1 0 -2.378024 -2.445473 0.015954  50 1 0 -2.468354 -4.584882 0.561950  51 1 0 2.413687 2.675599 -0.554732  52 1 0 2.483415 4.812850 -1.105900  53 1 0 -0.948559 -5.440410 0.174332  54 1 0 -1.292702 -5.003615 1.839730  55 1 0 1.130415 5.276110 -2.175644  56 1 0 1.075089 5.714086 -0.476444 |
| TM\_NP\_model\_scan\_m\_90\_p\_70 | 1 6 0 1.377124 0.200546 0.250469  2 6 0 0.682818 -0.999846 0.390572  3 6 0 -0.673094 -1.119903 0.066101  4 6 0 -1.365383 0.009227 -0.424607  5 6 0 -0.671453 1.206332 -0.572390  6 6 0 0.686725 1.326427 -0.250823  7 6 0 -2.809862 -0.047073 -0.820499  8 6 0 -3.148352 -0.364010 -2.119595  9 6 0 -4.496911 -0.409003 -2.538837  10 6 0 -5.505859 -0.134348 -1.651218  11 6 0 -5.210862 0.199541 -0.304409  12 6 0 -3.844240 0.246645 0.124499  13 6 0 -3.571463 0.582313 1.477971  14 6 0 -4.590315 0.856874 2.358250  15 6 0 -5.937177 0.810937 1.933024  16 6 0 -6.236999 0.489771 0.632226  17 6 0 2.803415 0.269097 0.698320  18 6 0 3.846455 -0.385584 -0.033615  19 6 0 5.188554 -0.325166 0.466539  20 6 0 5.454321 0.385325 1.664976  21 6 0 4.441203 1.016753 2.340649  22 6 0 3.117482 0.957685 1.853297  23 6 0 3.612818 -1.078426 -1.252453  24 6 0 4.640722 -1.690322 -1.928574  25 6 0 5.959988 -1.642564 -1.424828  26 6 0 6.224433 -0.973160 -0.255900  27 6 0 -1.357514 -2.415736 0.251546  28 7 0 -0.750769 -3.447953 0.675564  29 6 0 -1.510590 -4.671551 0.829160  30 6 0 1.374939 2.613039 -0.483039  31 7 0 0.749611 3.661230 -0.835508  32 6 0 1.516416 4.868619 -1.064411  33 1 0 1.186728 -1.877805 0.776009  34 1 0 -1.176911 2.084130 -0.955841  35 1 0 -2.361087 -0.581525 -2.832765  36 1 0 -4.726247 -0.661368 -3.567991  37 1 0 -6.543442 -0.166921 -1.966734  38 1 0 -2.541716 0.623410 1.810498  39 1 0 -4.361354 1.112651 3.386696  40 1 0 -6.731504 1.031037 2.637383  41 1 0 -7.269158 0.453659 0.299325  42 1 0 6.473163 0.422535 2.036066  43 1 0 4.647840 1.559720 3.256026  44 1 0 2.324937 1.449018 2.406751  45 1 0 2.606293 -1.118917 -1.648901  46 1 0 4.439972 -2.213224 -2.856915  47 1 0 6.761305 -2.132266 -1.966676  48 1 0 7.236125 -0.925975 0.133561  49 1 0 -2.426310 -2.437844 0.002907  50 1 0 -2.571145 -4.573328 0.552564  51 1 0 2.463525 2.611690 -0.345402  52 1 0 2.597727 4.745992 -0.900532  53 1 0 -1.054718 -5.456481 0.217256  54 1 0 -1.444637 -5.006810 1.869111  55 1 0 1.349975 5.210591 -2.090917  56 1 0 1.144698 5.660461 -0.406281 |
| TM\_NP\_model\_scan\_m\_90\_p\_80 | 1 6 0 1.368791 0.106095 0.337462  2 6 0 0.642283 -1.078104 0.434890  3 6 0 -0.709722 -1.153798 0.079654  4 6 0 -1.360523 0.004236 -0.400068  5 6 0 -0.633913 1.187027 -0.500646  6 6 0 0.718791 1.263057 -0.145122  7 6 0 -2.796315 -0.005426 -0.830482  8 6 0 -3.111466 -0.283620 -2.144212  9 6 0 -4.450236 -0.283684 -2.595941  10 6 0 -5.472837 -0.003024 -1.726044  11 6 0 -5.201862 0.292306 -0.365197  12 6 0 -3.845142 0.294369 0.096502  13 6 0 -3.596400 0.592921 1.463236  14 6 0 -4.628796 0.873941 2.325540  15 6 0 -5.965846 0.871776 1.868161  16 6 0 -6.242479 0.587723 0.553628  17 6 0 2.798132 0.119686 0.786657  18 6 0 3.842659 -0.368357 -0.062112  19 6 0 5.191911 -0.360486 0.421496  20 6 0 5.460573 0.130344 1.724847  21 6 0 4.443319 0.597276 2.517802  22 6 0 3.112379 0.591840 2.044551  23 6 0 3.599333 -0.851702 -1.376068  24 6 0 4.628057 -1.307355 -2.164949  25 6 0 5.956602 -1.304875 -1.683462  26 6 0 6.228737 -0.841295 -0.420202  27 6 0 -1.432176 -2.434621 0.218443  28 7 0 -0.864195 -3.491609 0.635171  29 6 0 -1.659544 -4.697623 0.740672  30 6 0 1.443941 2.540108 -0.303295  31 7 0 0.866067 3.604651 -0.686069  32 6 0 1.666880 4.803753 -0.823958  33 1 0 1.117405 -1.979075 0.803371  34 1 0 -1.109205 2.087943 -0.868839  35 1 0 -2.313026 -0.505544 -2.843464  36 1 0 -4.661107 -0.506316 -3.635847  37 1 0 -6.503011 -0.001108 -2.066531  38 1 0 -2.574150 0.600339 1.820461  39 1 0 -4.418110 1.100976 3.364585  40 1 0 -6.771024 1.096305 2.558662  41 1 0 -7.266938 0.585704 0.195897  42 1 0 6.484696 0.130352 2.083088  43 1 0 4.652535 0.970446 3.514005  44 1 0 2.318234 0.958173 2.685641  45 1 0 2.584247 -0.858381 -1.752879  46 1 0 4.420956 -1.671805 -3.164862  47 1 0 6.758807 -1.668719 -2.315587  48 1 0 7.246954 -0.834144 -0.045190  49 1 0 -2.494150 -2.422785 -0.058444  50 1 0 -2.709320 -4.565080 0.438445  51 1 0 2.517314 2.517709 -0.075996  52 1 0 2.728727 4.659885 -0.573372  53 1 0 -1.207970 -5.480605 0.123111  54 1 0 -1.630503 -5.057626 1.774027  55 1 0 1.591666 5.169420 -1.853010  56 1 0 1.253079 5.587705 -0.181687 |
| TM\_NP\_model\_scan\_m\_90\_p\_90 | 1 6 0 1.359649 -0.012512 0.389145  2 6 0 0.600129 -1.179069 0.397800  3 6 0 -0.748017 -1.192826 0.019051  4 6 0 -1.359703 0.012591 -0.389260  5 6 0 -0.600131 1.179187 -0.398030  6 6 0 0.747936 1.192962 -0.019251  7 6 0 -2.789056 0.073584 -0.836859  8 6 0 -3.094998 -0.106208 -2.169879  9 6 0 -4.427216 -0.035487 -2.635128  10 6 0 -5.452586 0.215434 -1.759338  11 6 0 -5.191131 0.408100 -0.378365  12 6 0 -3.841050 0.338625 0.097007  13 6 0 -3.601611 0.533831 1.484061  14 6 0 -4.636722 0.783279 2.352703  15 6 0 -5.967283 0.851824 1.881748  16 6 0 -6.234838 0.668891 0.547492  17 6 0 2.788968 -0.073479 0.836873  18 6 0 3.841073 -0.338650 -0.096841  19 6 0 5.191098 -0.408081 0.378695  20 6 0 5.452361 -0.215297 1.759701  21 6 0 4.426883 0.035661 2.635337  22 6 0 3.094704 0.106334 2.169926  23 6 0 3.601786 -0.534024 -1.483890  24 6 0 4.637005 -0.783612 -2.352377  25 6 0 5.967502 -0.852107 -1.881259  26 6 0 6.234907 -0.668993 -0.546988  27 6 0 -1.506391 -2.459526 0.057964  28 7 0 -0.976833 -3.555910 0.419896  29 6 0 -1.805666 -4.743888 0.427756  30 6 0 1.506349 2.459634 -0.058158  31 7 0 0.977012 3.555892 -0.420792  32 6 0 1.805828 4.743898 -0.428576  33 1 0 1.046558 -2.116597 0.705842  34 1 0 -1.046625 2.116648 -0.706187  35 1 0 -2.294305 -0.303251 -2.873998  36 1 0 -4.630990 -0.180010 -3.690133  37 1 0 -6.477656 0.271394 -2.110477  38 1 0 -2.584281 0.486692 1.852126  39 1 0 -4.433246 0.930464 3.407440  40 1 0 -6.774703 1.050507 2.577535  41 1 0 -7.254220 0.721521 0.179221  42 1 0 6.477378 -0.271211 2.111002  43 1 0 4.630534 0.180257 3.690357  44 1 0 2.293927 0.303392 2.873933  45 1 0 2.584511 -0.486926 -1.852102  46 1 0 4.433661 -0.930948 -3.407118  47 1 0 6.775004 -1.050908 -2.576917  48 1 0 7.254252 -0.721558 -0.178605  49 1 0 -2.559999 -2.401125 -0.243839  50 1 0 -2.842919 -4.563545 0.107629  51 1 0 2.559765 2.401327 0.244322  52 1 0 2.842830 4.563712 -0.107552  53 1 0 -1.357701 -5.498628 -0.226507  54 1 0 -1.814373 -5.168878 1.436505  55 1 0 1.815334 5.168392 -1.437524  56 1 0 1.357338 5.498949 0.224965 |
| TM\_NP\_model\_scan\_m\_90\_p\_100 | 1 6 0 1.350935 0.151287 -0.383756  2 6 0 0.556459 1.289001 -0.271999  3 6 0 -0.790138 1.223694 0.107243  4 6 0 -1.364140 -0.034529 0.390871  5 6 0 -0.570414 -1.172948 0.277198  6 6 0 0.775278 -1.107927 -0.103859  7 6 0 -2.789351 -0.183896 0.830032  8 6 0 -3.096777 -0.149994 2.174283  9 6 0 -4.425536 -0.304222 2.629309  10 6 0 -5.446048 -0.491029 1.732117  11 6 0 -5.182905 -0.534273 0.338766  12 6 0 -3.836281 -0.380311 -0.126372  13 6 0 -3.595111 -0.425760 -1.525965  14 6 0 -4.625304 -0.612025 -2.416082  15 6 0 -5.952471 -0.763817 -1.955257  16 6 0 -6.221575 -0.725872 -0.609372  17 6 0 2.776055 0.305036 -0.819666  18 6 0 3.847471 0.299458 0.130495  19 6 0 5.192040 0.463294 -0.337887  20 6 0 5.429426 0.633963 -1.726115  21 6 0 4.385583 0.647016 -2.615579  22 6 0 3.058921 0.483324 -2.158125  23 6 0 3.632739 0.145038 1.526570  24 6 0 4.686113 0.142954 2.409194  25 6 0 6.011594 0.297041 1.944384  26 6 0 6.255137 0.455070 0.602437  27 6 0 -1.584884 2.465287 0.197710  28 7 0 -1.086658 3.607830 -0.047056  29 6 0 -1.949175 4.766309 0.064054  30 6 0 1.562486 -2.352366 -0.220279  31 7 0 1.077047 -3.490098 0.068399  32 6 0 1.927082 -4.653175 -0.083565  33 1 0 0.974721 2.266478 -0.478451  34 1 0 -0.989004 -2.150554 0.482697  35 1 0 -2.300263 -0.003724 2.895309  36 1 0 -4.630491 -0.274035 3.693513  37 1 0 -6.468457 -0.609456 2.075402  38 1 0 -2.580331 -0.314290 -1.887112  39 1 0 -4.420422 -0.644521 -3.480284  40 1 0 -6.756025 -0.911033 -2.668106  41 1 0 -7.238415 -0.842461 -0.248896  42 1 0 6.450782 0.757093 -2.070845  43 1 0 4.570413 0.781418 -3.675386  44 1 0 2.244046 0.492561 -2.873297  45 1 0 2.619765 0.034036 1.892959  46 1 0 4.500509 0.026002 3.470995  47 1 0 6.833584 0.293782 2.651354  48 1 0 7.270128 0.578951 0.239223  49 1 0 -2.636669 2.346482 0.487858  50 1 0 -2.981145 4.524550 0.359866  51 1 0 2.595282 -2.240966 -0.574559  52 1 0 2.938718 -4.418971 -0.447579  53 1 0 -1.523687 5.462302 0.794047  54 1 0 -1.969146 5.292305 -0.895771  55 1 0 2.006647 -5.167772 0.879335  56 1 0 1.453498 -5.356072 -0.776376 |
| TM\_NP\_model\_scan\_m\_90\_p\_110 | 1 6 0 1.349096 0.264084 -0.384211  2 6 0 0.526892 1.370360 -0.184899  3 6 0 -0.818631 1.244540 0.182603  4 6 0 -1.363367 -0.044498 0.366042  5 6 0 -0.545932 -1.151909 0.155016  6 6 0 0.797335 -1.026687 -0.218099  7 6 0 -2.780018 -0.261514 0.804765  8 6 0 -3.068365 -0.345773 2.151076  9 6 0 -4.386040 -0.569877 2.609116  10 6 0 -5.414734 -0.709351 1.712696  11 6 0 -5.170982 -0.632752 0.317286  12 6 0 -3.835566 -0.406584 -0.151182  13 6 0 -3.614128 -0.333270 -1.552816  14 6 0 -4.652397 -0.475017 -2.441806  15 6 0 -5.968351 -0.698402 -1.977765  16 6 0 -6.218328 -0.775298 -0.629910  17 6 0 2.778233 0.489477 -0.768399  18 6 0 3.847012 0.252325 0.157019  19 6 0 5.195380 0.499033 -0.261503  20 6 0 5.440494 0.985064 -1.571565  21 6 0 4.399772 1.228102 -2.430913  22 6 0 3.069725 0.982027 -2.024471  23 6 0 3.627069 -0.200024 1.486178  24 6 0 4.677720 -0.415391 2.345406  25 6 0 6.007111 -0.188262 1.924425  26 6 0 6.256082 0.260891 0.651236  27 6 0 -1.641104 2.456338 0.372964  28 7 0 -1.167539 3.626328 0.230187  29 6 0 -2.056095 4.751828 0.435023  30 6 0 1.599554 -2.242307 -0.466321  31 7 0 1.147542 -3.408577 -0.245416  32 6 0 2.004446 -4.539221 -0.538196  33 1 0 0.924641 2.370829 -0.302473  34 1 0 -0.944218 -2.152059 0.274366  35 1 0 -2.264890 -0.238770 2.871255  36 1 0 -4.575845 -0.631339 3.674776  37 1 0 -6.428775 -0.881670 2.057942  38 1 0 -2.607812 -0.167040 -1.916708  39 1 0 -4.462512 -0.417474 -3.507730  40 1 0 -6.778280 -0.809833 -2.689887  41 1 0 -7.226365 -0.947607 -0.267114  42 1 0 6.465026 1.167265 -1.878598  43 1 0 4.589985 1.606765 -3.428824  44 1 0 2.257980 1.170618 -2.717994  45 1 0 2.612186 -0.368383 1.823403  46 1 0 4.486317 -0.757728 3.356205  47 1 0 6.827175 -0.363550 2.611619  48 1 0 7.273662 0.446742 0.323393  49 1 0 -2.691444 2.289677 0.644275  50 1 0 -3.084907 4.463281 0.698119  51 1 0 2.609979 -2.082669 -0.863168  52 1 0 2.992752 -4.257244 -0.931237  53 1 0 -1.651696 5.388501 1.228408  54 1 0 -2.079851 5.361042 -0.474170  55 1 0 2.140259 -5.131991 0.371967  56 1 0 1.505302 -5.189202 -1.263995 |
| TM\_NP\_model\_scan\_m\_90\_p\_120 | 1 6 0 1.345785 0.338597 -0.366396  2 6 0 0.503793 1.419595 -0.111304  3 6 0 -0.840190 1.255327 0.244109  4 6 0 -1.365002 -0.049250 0.362869  5 6 0 -0.530624 -1.131139 0.093796  6 6 0 0.810332 -0.967263 -0.272162  7 6 0 -2.777631 -0.310522 0.790314  8 6 0 -3.062787 -0.466808 2.130923  9 6 0 -4.375761 -0.736781 2.577598  10 6 0 -5.402836 -0.850012 1.675655  11 6 0 -5.162313 -0.699068 0.285742  12 6 0 -3.831764 -0.425602 -0.171270  13 6 0 -3.613672 -0.277125 -1.567499  14 6 0 -4.650458 -0.392303 -2.462068  15 6 0 -5.961451 -0.663116 -2.009394  16 6 0 -6.208102 -0.812828 -0.667029  17 6 0 2.776583 0.614686 -0.701735  18 6 0 3.850143 0.206851 0.159159  19 6 0 5.197043 0.529552 -0.211652  20 6 0 5.437955 1.265297 -1.399934  21 6 0 4.393446 1.680372 -2.185551  22 6 0 3.066145 1.358679 -1.829366  23 6 0 3.640182 -0.478135 1.387015  24 6 0 4.696400 -0.852116 2.182766  25 6 0 6.023952 -0.558854 1.799024  26 6 0 6.263985 0.120757 0.631026  27 6 0 -1.681189 2.443214 0.494844  28 7 0 -1.227278 3.626250 0.406249  29 6 0 -2.132713 4.726174 0.668293  30 6 0 1.616429 -2.158070 -0.614046  31 7 0 1.192835 -3.339973 -0.422208  32 6 0 2.045767 -4.442299 -0.817390  33 1 0 0.887583 2.430746 -0.167174  34 1 0 -0.914759 -2.141901 0.156416  35 1 0 -2.260395 -0.382132 2.855255  36 1 0 -4.563191 -0.854780 3.638910  37 1 0 -6.413126 -1.057987 2.012154  38 1 0 -2.611062 -0.074396 -1.923063  39 1 0 -4.463065 -0.277153 -3.523759  40 1 0 -6.770177 -0.753275 -2.725876  41 1 0 -7.212287 -1.021955 -0.313016  42 1 0 6.461689 1.502409 -1.669787  43 1 0 4.578712 2.253322 -3.087070  44 1 0 2.252438 1.683397 -2.468002  45 1 0 2.628732 -0.698888 1.702410  46 1 0 4.509762 -1.371070 3.116240  47 1 0 6.848500 -0.862638 2.434064  48 1 0 7.279325 0.364202 0.335591  49 1 0 -2.727396 2.246127 0.761577  50 1 0 -3.155696 4.408892 0.920731  51 1 0 2.600443 -1.965511 -1.059650  52 1 0 3.006987 -4.126596 -1.249847  53 1 0 -1.735057 5.330168 1.490123  54 1 0 -2.169989 5.378110 -0.210290  55 1 0 2.239653 -5.076358 0.053533  56 1 0 1.514817 -5.063538 -1.545783 |
| TM\_NP\_model\_scan\_m\_90\_p\_130 | 1 6 0 1.341840 0.383548 -0.363013  2 6 0 0.485412 1.449481 -0.085857  3 6 0 -0.856218 1.265484 0.266276  4 6 0 -1.366901 -0.046067 0.366456  5 6 0 -0.519601 -1.113465 0.081181  6 6 0 0.818735 -0.929633 -0.284262  7 6 0 -2.777153 -0.330022 0.786725  8 6 0 -3.065173 -0.508158 2.123989  9 6 0 -4.376372 -0.800562 2.561711  10 6 0 -5.398788 -0.913420 1.654398  11 6 0 -5.155422 -0.738927 0.267754  12 6 0 -3.826725 -0.442752 -0.180230  13 6 0 -3.605844 -0.269551 -1.573224  14 6 0 -4.638213 -0.382738 -2.473101  15 6 0 -5.947319 -0.676573 -2.029370  16 6 0 -6.196575 -0.850440 -0.690404  17 6 0 2.775376 0.687240 -0.655763  18 6 0 3.852387 0.168985 0.143171  19 6 0 5.198767 0.538878 -0.185985  20 6 0 5.437600 1.438925 -1.255241  21 6 0 4.390248 1.976906 -1.957954  22 6 0 3.065307 1.607644 -1.646842  23 6 0 3.650813 -0.655490 1.284195  24 6 0 4.710752 -1.124318 2.022687  25 6 0 6.037258 -0.796084 1.665451  26 6 0 6.270481 0.021999 0.588849  27 6 0 -1.708663 2.440507 0.538704  28 7 0 -1.267556 3.629536 0.467517  29 6 0 -2.183211 4.715540 0.751608  30 6 0 1.621206 -2.107566 -0.678278  31 7 0 1.222030 -3.296528 -0.478555  32 6 0 2.063386 -4.383274 -0.937150  33 1 0 0.857988 2.465770 -0.114509  34 1 0 -0.892692 -2.129308 0.125124  35 1 0 -2.266404 -0.424421 2.852420  36 1 0 -4.566194 -0.936244 3.620478  37 1 0 -6.407586 -1.138693 1.984180  38 1 0 -2.604678 -0.048818 -1.922050  39 1 0 -4.448755 -0.248140 -3.532138  40 1 0 -6.752513 -0.764989 -2.750036  41 1 0 -7.199345 -1.077073 -0.343215  42 1 0 6.461223 1.707775 -1.493877  43 1 0 4.571973 2.682536 -2.760648  44 1 0 2.250912 2.026528 -2.226875  45 1 0 2.642583 -0.905679 1.585595  46 1 0 4.526913 -1.745459 2.892127  47 1 0 6.864996 -1.178589 2.251907  48 1 0 7.284033 0.300381 0.319332  49 1 0 -2.751567 2.228016 0.806452  50 1 0 -3.201810 4.383384 1.002512  51 1 0 2.576953 -1.898537 -1.175161  52 1 0 2.994588 -4.050027 -1.419136  53 1 0 -1.788549 5.309519 1.582130  54 1 0 -2.230732 5.381861 -0.115597  55 1 0 2.314190 -5.026466 -0.087735  56 1 0 1.498797 -5.000976 -1.642892 |
| TM\_NP\_model\_scan\_m\_90\_p\_140 | 1 6 0 1.341642 0.421153 -0.381573  2 6 0 0.471964 1.477588 -0.100715  3 6 0 -0.867655 1.282916 0.250516  4 6 0 -1.365959 -0.032407 0.360320  5 6 0 -0.508864 -1.091338 0.074331  6 6 0 0.826107 -0.896195 -0.296901  7 6 0 -2.771155 -0.328670 0.788288  8 6 0 -3.050931 -0.502698 2.127854  9 6 0 -4.356715 -0.807432 2.573304  10 6 0 -5.381859 -0.937236 1.671374  11 6 0 -5.146821 -0.768067 0.282619  12 6 0 -3.823740 -0.459004 -0.173196  13 6 0 -3.611171 -0.291658 -1.568184  14 6 0 -4.646137 -0.422732 -2.462658  15 6 0 -5.949638 -0.729407 -2.011222  16 6 0 -6.190846 -0.897817 -0.670074  17 6 0 2.781304 0.741953 -0.621344  18 6 0 3.852878 0.137234 0.128126  19 6 0 5.203108 0.539564 -0.147048  20 6 0 5.453095 1.567371 -1.090279  21 6 0 4.411112 2.201551 -1.716283  22 6 0 3.085122 1.796439 -1.466347  23 6 0 3.647625 -0.794276 1.183449  24 6 0 4.703032 -1.344813 1.870221  25 6 0 6.032620 -0.996266 1.546731  26 6 0 6.270935 -0.067590 0.565781  27 6 0 -1.729837 2.451747 0.519760  28 7 0 -1.300559 3.644451 0.439029  29 6 0 -2.225423 4.723447 0.720066  30 6 0 1.618380 -2.068446 -0.730258  31 7 0 1.238639 -3.260872 -0.515280  32 6 0 2.062378 -4.339547 -1.022630  33 1 0 0.833641 2.497736 -0.117426  34 1 0 -0.872290 -2.110677 0.117933  35 1 0 -2.249788 -0.405897 2.852048  36 1 0 -4.540106 -0.939165 3.633700  37 1 0 -6.386469 -1.172264 2.007081  38 1 0 -2.614298 -0.061158 -1.922984  39 1 0 -4.462996 -0.292482 -3.523347  40 1 0 -6.756905 -0.832032 -2.727670  41 1 0 -7.189275 -1.134232 -0.316949  42 1 0 6.479342 1.858818 -1.287266  43 1 0 4.598243 3.009955 -2.413879  44 1 0 2.279473 2.288982 -1.998360  45 1 0 2.639482 -1.062160 1.466524  46 1 0 4.511580 -2.045614 2.675039  47 1 0 6.857243 -1.445854 2.088212  48 1 0 7.285914 0.234914 0.329716  49 1 0 -2.769570 2.230942 0.793064  50 1 0 -3.239826 4.383088 0.976812  51 1 0 2.545550 -1.850269 -1.275325  52 1 0 2.961800 -3.997298 -1.555871  53 1 0 -1.833420 5.326176 1.545522  54 1 0 -2.282591 5.383966 -0.150981  55 1 0 2.366910 -4.981098 -0.189679  56 1 0 1.464486 -4.961605 -1.696330 |
| TM\_NP\_model\_scan\_m\_90\_p\_150 | 1 6 0 1.343820 0.442692 -0.411843  2 6 0 0.461909 1.494191 -0.140795  3 6 0 -0.875412 1.296828 0.214496  4 6 0 -1.364236 -0.019039 0.353232  5 6 0 -0.499225 -1.074578 0.081721  6 6 0 0.832621 -0.876079 -0.298701  7 6 0 -2.764446 -0.317351 0.795004  8 6 0 -3.034715 -0.467143 2.139477  9 6 0 -4.335805 -0.770977 2.599003  10 6 0 -5.365781 -0.924128 1.706262  11 6 0 -5.140436 -0.780582 0.313039  12 6 0 -3.822089 -0.472712 -0.157105  13 6 0 -3.619115 -0.331661 -1.556428  14 6 0 -4.658801 -0.486408 -2.441596  15 6 0 -5.957668 -0.791598 -1.975994  16 6 0 -6.189574 -0.934983 -0.630316  17 6 0 2.789733 0.776424 -0.600448  18 6 0 3.856697 0.110370 0.109241  19 6 0 5.210049 0.536888 -0.115540  20 6 0 5.469232 1.658433 -0.941191  21 6 0 4.430890 2.363835 -1.491794  22 6 0 3.105073 1.931255 -1.300796  23 6 0 3.649418 -0.894885 1.094635  24 6 0 4.700844 -1.501668 1.739016  25 6 0 6.032846 -1.140358 1.442601  26 6 0 6.274827 -0.133694 0.543465  27 6 0 -1.743605 2.465410 0.466034  28 7 0 -1.322213 3.659063 0.361719  29 6 0 -2.252663 4.737368 0.626558  30 6 0 1.609659 -2.050512 -0.757269  31 7 0 1.236520 -3.242879 -0.531849  32 6 0 2.038680 -4.321377 -1.072984  33 1 0 0.812178 2.517685 -0.160211  34 1 0 -0.854267 -2.096150 0.139579  35 1 0 -2.229674 -0.351283 2.856515  36 1 0 -4.511794 -0.883157 3.662895  37 1 0 -6.366874 -1.158376 2.052842  38 1 0 -2.625838 -0.102474 -1.922055  39 1 0 -4.482988 -0.376158 -3.505784  40 1 0 -6.768733 -0.912954 -2.685187  41 1 0 -7.184395 -1.170142 -0.266347  42 1 0 6.497291 1.966225 -1.099825  43 1 0 4.620515 3.248991 -2.088156  44 1 0 2.309051 2.480187 -1.789773  45 1 0 2.642092 -1.174050 1.366200  46 1 0 4.502631 -2.256041 2.492092  47 1 0 6.854745 -1.637025 1.945680  48 1 0 7.290557 0.187434 0.337220  49 1 0 -2.780888 2.243238 0.747386  50 1 0 -3.263827 4.395488 0.893763  51 1 0 2.515855 -1.831961 -1.336593  52 1 0 2.915976 -3.979029 -1.641864  53 1 0 -1.861216 5.357770 1.439070  54 1 0 -2.317587 5.381163 -0.256396  55 1 0 2.376671 -4.963649 -0.253561  56 1 0 1.413993 -4.942810 -1.722487 |
| TM\_NP\_model\_scan\_m\_90\_p\_160 | 1 6 0 1.348163 0.463709 -0.443366  2 6 0 0.451086 1.510414 -0.192687  3 6 0 -0.884057 1.312277 0.167289  4 6 0 -1.362807 -0.002188 0.345270  5 6 0 -0.488951 -1.054785 0.095618  6 6 0 0.839926 -0.854919 -0.294191  7 6 0 -2.757400 -0.299789 0.803965  8 6 0 -3.017226 -0.415198 2.153891  9 6 0 -4.312979 -0.715183 2.630667  10 6 0 -5.348128 -0.898715 1.749712  11 6 0 -5.133477 -0.791070 0.351579  12 6 0 -3.820504 -0.487540 -0.136101  13 6 0 -3.628139 -0.383043 -1.540092  14 6 0 -4.672979 -0.568085 -2.413309  15 6 0 -5.966600 -0.868617 -1.930394  16 6 0 -6.188181 -0.977250 -0.579741  17 6 0 2.799956 0.810798 -0.578351  18 6 0 3.862606 0.090029 0.091327  19 6 0 5.219704 0.528752 -0.089965  20 6 0 5.488472 1.724945 -0.798163  21 6 0 4.453200 2.492214 -1.264359  22 6 0 3.126996 2.042992 -1.129042  23 6 0 3.653275 -0.972454 1.014833  24 6 0 4.700695 -1.629438 1.615374  25 6 0 6.035292 -1.266586 1.335219  26 6 0 6.281439 -0.198750 0.511509  27 6 0 -1.759120 2.481679 0.391046  28 7 0 -1.346407 3.675001 0.253777  29 6 0 -2.283402 4.753650 0.492982  30 6 0 1.599964 -2.034961 -0.771524  31 7 0 1.227891 -3.225861 -0.537810  32 6 0 2.007477 -4.307105 -1.105722  33 1 0 0.785565 2.538065 -0.223596  34 1 0 -0.834646 -2.078218 0.173579  35 1 0 -2.208028 -0.274702 2.861794  36 1 0 -4.480760 -0.799914 3.698416  37 1 0 -6.345222 -1.129944 2.109589  38 1 0 -2.638911 -0.157713 -1.918913  39 1 0 -4.505301 -0.485507 -3.481306  40 1 0 -6.781809 -1.013965 -2.630257  41 1 0 -7.178917 -1.208665 -0.202482  42 1 0 6.518509 2.040859 -0.924215  43 1 0 4.644937 3.438849 -1.756430  44 1 0 2.342799 2.644147 -1.572240  45 1 0 2.646880 -1.253914 1.283946  46 1 0 4.495741 -2.424294 2.323677  47 1 0 6.854319 -1.805346 1.797985  48 1 0 7.298344 0.132608 0.328670  49 1 0 -2.793932 2.260098 0.681797  50 1 0 -3.291054 4.412012 0.773335  51 1 0 2.488571 -1.819567 -1.378675  52 1 0 2.867510 -3.967831 -1.702162  53 1 0 -1.893413 5.398620 1.286838  54 1 0 -2.356304 5.372673 -0.406904  55 1 0 2.369220 -4.951803 -0.298376  56 1 0 1.359715 -4.925230 -1.735466 |
| TM\_NP\_model\_scan\_m\_100\_m\_0 | 1 6 0 1.442587 0.514473 0.034418  2 6 0 0.780848 -0.683123 -0.291893  3 6 0 -0.596994 -0.797203 -0.498571  4 6 0 -1.394080 0.361580 -0.478182  5 6 0 -0.758771 1.573831 -0.226391  6 6 0 0.613377 1.678979 0.017194  7 6 0 -2.867150 0.345057 -0.739528  8 6 0 -3.338672 0.704354 -1.985468  9 6 0 -4.721522 0.711167 -2.274776  10 6 0 -5.630924 0.355606 -1.311578  11 6 0 -5.198102 -0.016852 -0.012822  12 6 0 -3.796789 -0.021852 0.286157  13 6 0 -3.387069 -0.384917 1.597536  14 6 0 -4.308109 -0.733128 2.556185  15 6 0 -5.689042 -0.734768 2.256920  16 6 0 -6.120619 -0.382563 1.001962  17 6 0 2.930371 0.548143 -0.153739  18 6 0 3.781488 -0.588969 0.165046  19 6 0 5.189739 -0.500532 -0.108418  20 6 0 5.756781 0.732355 -0.516490  21 6 0 4.970019 1.848091 -0.602040  22 6 0 3.580027 1.752530 -0.391082  23 6 0 3.341603 -1.772755 0.822897  24 6 0 4.188060 -2.829177 1.067489  25 6 0 5.540112 -2.777293 0.673201  26 6 0 6.028309 -1.624411 0.114113  27 6 0 -1.177177 -2.121538 -0.802888  28 7 0 -0.493288 -3.190211 -0.745122  29 6 0 -1.148436 -4.439355 -1.075737  30 6 0 1.076198 3.002721 0.503066  31 7 0 0.522034 4.091326 0.156161  32 6 0 0.983907 5.318415 0.774199  33 1 0 1.342679 -1.585342 -0.472380  34 1 0 -1.337968 2.487717 -0.186903  35 1 0 -2.630913 0.983601 -2.757855  36 1 0 -5.056265 0.997642 -3.265352  37 1 0 -6.694021 0.356450 -1.528313  38 1 0 -2.331335 -0.379691 1.838700  39 1 0 -3.974916 -1.005869 3.551246  40 1 0 -6.405234 -1.011339 3.022460  41 1 0 -7.179921 -0.376990 0.766777  42 1 0 6.821746 0.781088 -0.716798  43 1 0 5.398831 2.809421 -0.860943  44 1 0 2.998655 2.638826 -0.596419  45 1 0 2.326920 -1.843554 1.182384  46 1 0 3.808900 -3.705486 1.580958  47 1 0 6.192403 -3.625456 0.847233  48 1 0 7.079582 -1.537576 -0.140081  49 1 0 -2.238025 -2.130773 -1.084337  50 1 0 -2.210282 -4.326556 -1.340986  51 1 0 1.892515 2.983679 1.238596  52 1 0 1.807555 5.172812 1.489954  53 1 0 -0.621574 -4.910371 -1.911690  54 1 0 -1.065655 -5.124550 -0.226157  55 1 0 1.308620 6.015147 -0.004977  56 1 0 0.146665 5.796173 1.292924 |
| TM\_NP\_model\_scan\_m\_100\_m\_10 | 1 6 0 1.440393 0.480620 -0.047220  2 6 0 0.768125 -0.705984 -0.383449  3 6 0 -0.614354 -0.796739 -0.567383  4 6 0 -1.397116 0.371454 -0.490767  5 6 0 -0.747823 1.569652 -0.209497  6 6 0 0.631244 1.653529 0.004823  7 6 0 -2.876005 0.377206 -0.720203  8 6 0 -3.370413 0.781687 -1.943177  9 6 0 -4.759088 0.813883 -2.201176  10 6 0 -5.651470 0.439169 -1.229402  11 6 0 -5.194940 0.021374 0.047240  12 6 0 -3.787447 -0.010306 0.314190  13 6 0 -3.353667 -0.418962 1.604229  14 6 0 -4.257741 -0.784939 2.572359  15 6 0 -5.644891 -0.759739 2.304582  16 6 0 -6.099461 -0.363763 1.070967  17 6 0 2.925773 0.510178 -0.225373  18 6 0 3.775503 -0.595567 0.175243  19 6 0 5.188082 -0.511579 -0.071735  20 6 0 5.748373 0.689693 -0.573384  21 6 0 4.950449 1.781242 -0.786652  22 6 0 3.558407 1.691227 -0.587538  23 6 0 3.317436 -1.745392 0.878039  24 6 0 4.163662 -2.776590 1.212417  25 6 0 5.530385 -2.728265 0.868930  26 6 0 6.028557 -1.608633 0.253429  27 6 0 -1.218732 -2.103340 -0.900140  28 7 0 -0.544788 -3.179818 -0.905454  29 6 0 -1.225020 -4.409541 -1.257559  30 6 0 1.141345 2.952628 0.505598  31 7 0 0.566282 4.055945 0.250644  32 6 0 1.090560 5.256768 0.870126  33 1 0 1.324026 -1.609765 -0.582561  34 1 0 -1.318448 2.485946 -0.124614  35 1 0 -2.676348 1.077220 -2.721901  36 1 0 -5.111972 1.135438 -3.174550  37 1 0 -6.718974 0.459366 -1.422256  38 1 0 -2.292902 -0.433874 1.821703  39 1 0 -3.906204 -1.092235 3.550909  40 1 0 -6.347541 -1.050485 3.077384  41 1 0 -7.163545 -0.337685 0.859989  42 1 0 6.817098 0.735655 -0.753544  43 1 0 5.374885 2.716495 -1.133502  44 1 0 2.961707 2.545641 -0.874238  45 1 0 2.286212 -1.806720 1.191028  46 1 0 3.774355 -3.630317 1.755518  47 1 0 6.184154 -3.556057 1.119070  48 1 0 7.086621 -1.529918 0.026135  49 1 0 -2.288496 -2.092190 -1.145358  50 1 0 -2.294026 -4.276360 -1.481525  51 1 0 2.021252 2.901980 1.161377  52 1 0 1.971562 5.080329 1.506152  53 1 0 -0.732577 -4.855518 -2.127535  54 1 0 -1.120896 -5.125748 -0.436365  55 1 0 1.353345 5.979629 0.091325  56 1 0 0.305505 5.720457 1.475939 |
| TM\_NP\_model\_scan\_m\_100\_m\_20 | 1 6 0 1.437867 0.451242 -0.128504  2 6 0 0.754070 -0.723121 -0.474801  3 6 0 -0.632522 -0.790774 -0.635188  4 6 0 -1.399238 0.384735 -0.502383  5 6 0 -0.734339 1.567259 -0.192760  6 6 0 0.650758 1.629984 -0.007765  7 6 0 -2.882991 0.411892 -0.698873  8 6 0 -3.399436 0.860879 -1.896880  9 6 0 -4.792969 0.915648 -2.123144  10 6 0 -5.668112 0.519447 -1.144295  11 6 0 -5.188638 0.056966 0.108302  12 6 0 -3.776041 0.002022 0.342944  13 6 0 -3.319020 -0.451048 1.609845  14 6 0 -4.205876 -0.836919 2.586157  15 6 0 -5.598165 -0.788597 2.350083  16 6 0 -6.074925 -0.350042 1.139460  17 6 0 2.923159 0.473626 -0.285914  18 6 0 3.765456 -0.602575 0.188121  19 6 0 5.181409 -0.527746 -0.037312  20 6 0 5.741796 0.633878 -0.625449  21 6 0 4.941050 1.696251 -0.950992  22 6 0 3.546819 1.617445 -0.761186  23 6 0 3.286814 -1.715754 0.933592  24 6 0 4.127371 -2.720844 1.350440  25 6 0 5.505268 -2.678312 1.050928  26 6 0 6.017224 -1.596138 0.381501  27 6 0 -1.261448 -2.078514 -0.995061  28 7 0 -0.599814 -3.160604 -1.060769  29 6 0 -1.304776 -4.370194 -1.433361  30 6 0 1.206024 2.906185 0.500113  31 7 0 0.618195 4.019381 0.331052  32 6 0 1.200341 5.197384 0.942320  33 1 0 1.302356 -1.628790 -0.692053  34 1 0 -1.294872 2.484737 -0.063959  35 1 0 -2.719125 1.173800 -2.680928  36 1 0 -5.163347 1.271822 -3.077793  37 1 0 -6.739267 0.556672 -1.312879  38 1 0 -2.254007 -0.483707 1.803247  39 1 0 -3.836585 -1.177903 3.546856  40 1 0 -6.287076 -1.095439 3.129009  41 1 0 -7.142984 -0.306119 0.952956  42 1 0 6.813328 0.673488 -0.790008  43 1 0 5.367146 2.597907 -1.376043  44 1 0 2.941936 2.442368 -1.113530  45 1 0 2.242669 -1.767039 1.204913  46 1 0 3.726317 -3.549664 1.922823  47 1 0 6.155640 -3.484488 1.370891  48 1 0 7.080786 -1.527863 0.177653  49 1 0 -2.338171 -2.048237 -1.205678  50 1 0 -2.378588 -4.218160 -1.619153  51 1 0 2.137823 2.830403 1.076186  52 1 0 2.131102 4.997571 1.494994  53 1 0 -0.844519 -4.791214 -2.332902  54 1 0 -1.183661 -5.115342 -0.640720  55 1 0 1.400648 5.944225 0.167537  56 1 0 0.472212 5.643950 1.626997 |
| TM\_NP\_model\_scan\_m\_100\_m\_30 | 1 6 0 1.435700 0.427273 -0.210263  2 6 0 0.738990 -0.732940 -0.569394  3 6 0 -0.651149 -0.777888 -0.705313  4 6 0 -1.400416 0.402062 -0.512996  5 6 0 -0.718333 1.567002 -0.175402  6 6 0 0.672042 1.608897 -0.021274  7 6 0 -2.888221 0.450335 -0.674218  8 6 0 -3.427291 0.946069 -1.843383  9 6 0 -4.825011 1.022325 -2.035203  10 6 0 -5.681638 0.600553 -1.050674  11 6 0 -5.178466 0.089806 0.173528  12 6 0 -3.761490 0.013195 0.373322  13 6 0 -3.280462 -0.488319 1.612724  14 6 0 -4.148675 -0.899498 2.595423  15 6 0 -5.545450 -0.829630 2.393525  16 6 0 -6.045124 -0.344567 1.210223  17 6 0 2.922021 0.437180 -0.343810  18 6 0 3.750480 -0.608676 0.204363  19 6 0 5.169474 -0.550605 -0.002010  20 6 0 5.737655 0.560020 -0.675473  21 6 0 4.941993 1.588505 -1.107868  22 6 0 3.545349 1.528800 -0.926566  23 6 0 3.247123 -1.677882 0.995538  24 6 0 4.075732 -2.655554 1.492919  25 6 0 5.462493 -2.624859 1.232399  26 6 0 5.993588 -1.587892 0.508010  27 6 0 -1.304691 -2.044683 -1.094377  28 7 0 -0.657204 -3.129899 -1.221120  29 6 0 -1.386223 -4.317497 -1.617200  30 6 0 1.270213 2.863263 0.489083  31 7 0 0.676455 3.982849 0.401096  32 6 0 1.311029 5.139713 1.000108  33 1 0 1.278196 -1.639932 -0.807523  34 1 0 -1.267155 2.484279 -0.002103  35 1 0 -2.761762 1.279575 -2.631640  36 1 0 -5.213414 1.415441 -2.967937  37 1 0 -6.755929 0.654096 -1.192849  38 1 0 -2.211675 -0.538009 1.779814  39 1 0 -3.761063 -1.277486 3.534826  40 1 0 -6.219524 -1.156932 3.177092  41 1 0 -7.116657 -0.283991 1.050162  42 1 0 6.811569 0.587491 -0.826642  43 1 0 5.375719 2.447511 -1.607110  44 1 0 2.938686 2.324629 -1.340109  45 1 0 2.192612 -1.715487 1.228851  46 1 0 3.659836 -3.453934 2.097131  47 1 0 6.103958 -3.408085 1.620242  48 1 0 7.061888 -1.534730 0.325597  49 1 0 -2.386655 -1.995874 -1.271967  50 1 0 -2.463032 -4.147638 -1.766764  51 1 0 2.243793 2.767259 0.986943  52 1 0 2.281959 4.920614 1.470111  53 1 0 -0.956180 -4.710234 -2.544087  54 1 0 -1.251480 -5.092442 -0.855929  55 1 0 1.452261 5.910022 0.235341  56 1 0 0.641829 5.566179 1.754273 |
| TM\_NP\_model\_scan\_m\_100\_m\_40 | 1 6 0 1.434459 0.407489 -0.293294  2 6 0 0.724710 -0.738408 -0.664745  3 6 0 -0.668547 -0.763710 -0.773559  4 6 0 -1.400347 0.417685 -0.524465  5 6 0 -0.701314 1.564656 -0.161095  6 6 0 0.693160 1.587871 -0.037742  7 6 0 -2.891035 0.485415 -0.651641  8 6 0 -3.449893 1.025854 -1.791316  9 6 0 -4.850516 1.123255 -1.949626  10 6 0 -5.690272 0.678097 -0.960853  11 6 0 -5.166316 0.121430 0.234239  12 6 0 -3.746280 0.023025 0.399876  13 6 0 -3.244084 -0.524627 1.610995  14 6 0 -4.095163 -0.958790 2.598765  15 6 0 -5.495138 -0.867193 2.430382  16 6 0 -6.014985 -0.337840 1.275106  17 6 0 2.922505 0.401600 -0.403587  18 6 0 3.733420 -0.609196 0.221860  19 6 0 5.154909 -0.574418 0.031045  20 6 0 5.735798 0.472931 -0.727944  21 6 0 4.950332 1.460584 -1.263705  22 6 0 3.551428 1.425757 -1.090762  23 6 0 3.204217 -1.624590 1.064853  24 6 0 4.017009 -2.571151 1.641470  25 6 0 5.410238 -2.558501 1.412669  26 6 0 5.962832 -1.576106 0.630180  27 6 0 -1.345735 -2.010816 -1.184813  28 7 0 -0.713309 -3.097429 -1.364734  29 6 0 -1.465574 -4.265040 -1.776415  30 6 0 1.330302 2.821913 0.472258  31 7 0 0.732742 3.943069 0.470279  32 6 0 1.417256 5.080546 1.050797  33 1 0 1.254326 -1.645871 -0.924639  34 1 0 -1.237855 2.480196 0.054812  35 1 0 -2.797954 1.378815 -2.582478  36 1 0 -5.254607 1.551434 -2.859989  37 1 0 -6.766728 0.747918 -1.077219  38 1 0 -2.172515 -0.591456 1.752140  39 1 0 -3.691452 -1.371907 3.516331  40 1 0 -6.155661 -1.212990 3.217541  41 1 0 -7.089016 -0.260527 1.141054  42 1 0 6.811651 0.483845 -0.867192  43 1 0 5.395139 2.267417 -1.835090  44 1 0 2.947981 2.190287 -1.565348  45 1 0 2.142028 -1.644776 1.266210  46 1 0 3.584954 -3.331349 2.282500  47 1 0 6.039443 -3.315747 1.866623  48 1 0 7.034725 -1.542495 0.465036  49 1 0 -2.431693 -1.946135 -1.329897  50 1 0 -2.544091 -4.079902 -1.891599  51 1 0 2.341286 2.711120 0.884192  52 1 0 2.421793 4.845948 1.434758  53 1 0 -1.064736 -4.634033 -2.725872  54 1 0 -1.318926 -5.063961 -1.042599  55 1 0 1.499794 5.873025 0.300186  56 1 0 0.811818 5.485336 1.868125 |
| TM\_NP\_model\_scan\_m\_100\_m\_50 | 1 6 0 1.434920 0.393092 -0.384265  2 6 0 0.709414 -0.736320 -0.769468  3 6 0 -0.686316 -0.742535 -0.848529  4 6 0 -1.398666 0.437790 -0.540815  5 6 0 -0.680417 1.565818 -0.156653  6 6 0 0.717423 1.570778 -0.067373  7 6 0 -2.891570 0.523213 -0.628092  8 6 0 -3.473934 1.106913 -1.734157  9 6 0 -4.877136 1.222234 -1.853008  10 6 0 -5.695901 0.751242 -0.858595  11 6 0 -5.147232 0.149223 0.302934  12 6 0 -3.724501 0.032633 0.428531  13 6 0 -3.197142 -0.561137 1.606771  14 6 0 -4.026996 -1.022102 2.600426  15 6 0 -5.429825 -0.912493 2.471248  16 6 0 -5.973647 -0.338538 1.348771  17 6 0 2.924946 0.361749 -0.473382  18 6 0 3.708481 -0.605964 0.242429  19 6 0 5.132248 -0.610630 0.069200  20 6 0 5.737318 0.351880 -0.778396  21 6 0 4.973135 1.291513 -1.421622  22 6 0 3.571663 1.295949 -1.262126  23 6 0 3.144618 -1.544777 1.148861  24 6 0 3.931175 -2.453853 1.814757  25 6 0 5.329328 -2.475957 1.615827  26 6 0 5.912793 -1.570018 0.766056  27 6 0 -1.387931 -1.968886 -1.280462  28 7 0 -0.771986 -3.054321 -1.516179  29 6 0 -1.548232 -4.200935 -1.942025  30 6 0 1.391860 2.785496 0.438597  31 7 0 0.793744 3.902665 0.530064  32 6 0 1.523976 5.023535 1.086210  33 1 0 1.227052 -1.643887 -1.053889  34 1 0 -1.202288 2.479078 0.101019  35 1 0 -2.838979 1.481009 -2.529432  36 1 0 -5.299950 1.684740 -2.737713  37 1 0 -6.774222 0.834677 -0.944784  38 1 0 -2.123065 -0.642182 1.717998  39 1 0 -3.604154 -1.470404 3.492497  40 1 0 -6.073509 -1.279828 3.262593  41 1 0 -7.049948 -0.247286 1.245087  42 1 0 6.814879 0.335063 -0.903393  43 1 0 5.437636 2.029701 -2.065564  44 1 0 2.981771 2.024629 -1.806208  45 1 0 2.076572 -1.535481 1.320713  46 1 0 3.475586 -3.157656 2.502209  47 1 0 5.938020 -3.202184 2.142610  48 1 0 6.987753 -1.568299 0.618188  49 1 0 -2.477131 -1.889880 -1.389541  50 1 0 -2.627845 -4.002352 -2.017913  51 1 0 2.435271 2.665219 0.755476  52 1 0 2.558860 4.781871 1.372536  53 1 0 -1.180207 -4.542374 -2.914785  54 1 0 -1.387238 -5.024645 -1.239280  55 1 0 1.538299 5.840797 0.358085  56 1 0 0.991423 5.397794 1.966401 |
| TM\_NP\_model\_scan\_m\_100\_m\_60 | 1 6 0 1.435828 0.372464 -0.483126  2 6 0 0.689826 -0.738968 -0.876336  3 6 0 -0.707689 -0.724266 -0.922660  4 6 0 -1.396002 0.455934 -0.562498  5 6 0 -0.654459 1.565062 -0.167739  6 6 0 0.745582 1.549869 -0.115731  7 6 0 -2.889804 0.560074 -0.606192  8 6 0 -3.495898 1.180597 -1.678967  9 6 0 -4.900526 1.312854 -1.755881  10 6 0 -5.696914 0.821273 -0.753269  11 6 0 -5.123256 0.180716 0.375062  12 6 0 -3.698897 0.047409 0.458414  13 6 0 -3.146039 -0.585366 1.604288  14 6 0 -3.953410 -1.068052 2.606086  15 6 0 -5.358063 -0.942198 2.518122  16 6 0 -5.926089 -0.330204 1.428214  17 6 0 2.927346 0.306038 -0.557440  18 6 0 3.678660 -0.597882 0.264476  19 6 0 5.103376 -0.653027 0.112787  20 6 0 5.737941 0.193391 -0.831518  21 6 0 5.001188 1.066736 -1.590458  22 6 0 3.598077 1.121823 -1.448453  23 6 0 3.077216 -1.428561 1.248630  24 6 0 3.832597 -2.279422 2.019083  25 6 0 5.233724 -2.346869 1.851506  26 6 0 5.851365 -1.548423 0.921610  27 6 0 -1.436741 -1.929849 -1.367242  28 7 0 -0.841132 -3.014628 -1.653080  29 6 0 -1.643678 -4.140116 -2.086262  30 6 0 1.458629 2.746624 0.377657  31 7 0 0.868046 3.855536 0.566620  32 6 0 1.644093 4.961583 1.088924  33 1 0 1.190850 -1.648842 -1.183238  34 1 0 -1.157756 2.477933 0.125920  35 1 0 -2.879040 1.570872 -2.480683  36 1 0 -5.342403 1.804481 -2.615210  37 1 0 -6.776251 0.917459 -0.807564  38 1 0 -2.070230 -0.679001 1.684332  39 1 0 -3.511253 -1.546166 3.472958  40 1 0 -5.983870 -1.327168 3.315402  41 1 0 -7.003837 -0.226249 1.356470  42 1 0 6.816129 0.140312 -0.939974  43 1 0 5.489036 1.713916 -2.310559  44 1 0 3.028882 1.801788 -2.072464  45 1 0 2.005443 -1.383619 1.391235  46 1 0 3.350825 -2.902958 2.763794  47 1 0 5.817687 -3.025401 2.463100  48 1 0 6.928196 -1.586216 0.793318  49 1 0 -2.527781 -1.836024 -1.439959  50 1 0 -2.722795 -3.927989 -2.122170  51 1 0 2.527754 2.621481 0.589361  52 1 0 2.703397 4.718685 1.262352  53 1 0 -1.310420 -4.457429 -3.079525  54 1 0 -1.470072 -4.985303 -1.412619  55 1 0 1.581931 5.804882 0.393726  56 1 0 1.199285 5.298752 2.030686 |
| TM\_NP\_model\_scan\_m\_100\_m\_70 | 1 6 0 1.431013 0.302317 -0.558135  2 6 0 0.658536 -0.797285 -0.927940  3 6 0 -0.739818 -0.754933 -0.944629  4 6 0 -1.396925 0.439404 -0.572430  5 6 0 -0.626411 1.534492 -0.193472  6 6 0 0.773768 1.491777 -0.174078  7 6 0 -2.888752 0.575953 -0.594480  8 6 0 -3.494536 1.212063 -1.658352  9 6 0 -4.896608 1.375961 -1.717282  10 6 0 -5.690987 0.900653 -0.705282  11 6 0 -5.117476 0.245415 0.414618  12 6 0 -3.695473 0.079876 0.479597  13 6 0 -3.142504 -0.567236 1.617336  14 6 0 -3.947737 -1.033289 2.628680  15 6 0 -5.350219 -0.875585 2.558874  16 6 0 -5.918129 -0.249051 1.477221  17 6 0 2.922074 0.203943 -0.646782  18 6 0 3.675292 -0.571185 0.293391  19 6 0 5.097205 -0.663580 0.135430  20 6 0 5.724293 0.015526 -0.940377  21 6 0 4.982929 0.759940 -1.822188  22 6 0 3.582151 0.852943 -1.671124  23 6 0 3.075348 -1.241153 1.393867  24 6 0 3.832535 -1.970525 2.278679  25 6 0 5.232234 -2.070074 2.113222  26 6 0 5.846859 -1.429077 1.066366  27 6 0 -1.501832 -1.946557 -1.370971  28 7 0 -0.933756 -3.042037 -1.671786  29 6 0 -1.767904 -4.152324 -2.083887  30 6 0 1.529475 2.677548 0.279075  31 7 0 0.962915 3.786771 0.529099  32 6 0 1.786926 4.883947 0.993432  33 1 0 1.137008 -1.718917 -1.236126  34 1 0 -1.105606 2.458011 0.107259  35 1 0 -2.879312 1.589784 -2.467316  36 1 0 -5.338189 1.878992 -2.570146  37 1 0 -6.768468 1.021385 -0.745561  38 1 0 -2.068143 -0.685491 1.683219  39 1 0 -3.505521 -1.522850 3.489101  40 1 0 -5.974366 -1.247695 3.363518  41 1 0 -6.994071 -0.120553 1.419449  42 1 0 6.800593 -0.063354 -1.052257  43 1 0 5.465358 1.277059 -2.643940  44 1 0 3.007783 1.434496 -2.383683  45 1 0 2.003756 -1.170618 1.530395  46 1 0 3.354011 -2.473408 3.111566  47 1 0 5.817711 -2.650919 2.817010  48 1 0 6.922026 -1.496158 0.936068  49 1 0 -2.592404 -1.832704 -1.416480  50 1 0 -2.843397 -3.919859 -2.093269  51 1 0 2.612023 2.544566 0.399176  52 1 0 2.854853 4.632221 1.078657  53 1 0 -1.465400 -4.476486 -3.084741  54 1 0 -1.593717 -5.000175 -1.413761  55 1 0 1.674935 5.731958 0.310313  56 1 0 1.422467 5.218148 1.970085 |
| TM\_NP\_model\_scan\_m\_100\_m\_80 | 1 6 0 1.424857 0.201709 -0.646550  2 6 0 0.622891 -0.893203 -0.959802  3 6 0 -0.774734 -0.819499 -0.952341  4 6 0 -1.397737 0.402429 -0.613132  5 6 0 -0.596261 1.494751 -0.294204  6 6 0 0.802636 1.420760 -0.300949  7 6 0 -2.886663 0.569760 -0.608240  8 6 0 -3.503442 1.176747 -1.682735  9 6 0 -4.903054 1.366422 -1.718072  10 6 0 -5.683865 0.946779 -0.671517  11 6 0 -5.098425 0.324445 0.460928  12 6 0 -3.678827 0.132638 0.501822  13 6 0 -3.113434 -0.480705 1.652064  14 6 0 -3.904813 -0.889829 2.698405  15 6 0 -5.305088 -0.706052 2.652764  16 6 0 -5.884634 -0.111188 1.559450  17 6 0 2.914047 0.057820 -0.730936  18 6 0 3.661871 -0.525633 0.341312  19 6 0 5.080730 -0.671563 0.200317  20 6 0 5.709403 -0.234789 -0.993863  21 6 0 4.971819 0.324492 -2.006131  22 6 0 3.573134 0.469658 -1.871052  23 6 0 3.055436 -0.960663 1.550552  24 6 0 3.805501 -1.514028 2.560180  25 6 0 5.203451 -1.662387 2.416421  26 6 0 5.823235 -1.249488 1.263012  27 6 0 -1.570963 -2.009013 -1.317164  28 7 0 -1.032732 -3.125576 -1.594575  29 6 0 -1.899153 -4.232295 -1.944938  30 6 0 1.597937 2.609276 0.068275  31 7 0 1.060616 3.731532 0.324221  32 6 0 1.925544 4.834121 0.690956  33 1 0 1.075619 -1.837984 -1.234945  34 1 0 -1.049166 2.440911 -0.024659  35 1 0 -2.899199 1.510092 -2.519025  36 1 0 -5.353641 1.844910 -2.580296  37 1 0 -6.759463 1.087413 -0.693476  38 1 0 -2.040495 -0.619050 1.698988  39 1 0 -3.453135 -1.354439 3.567704  40 1 0 -5.918273 -1.033182 3.484917  41 1 0 -6.958847 0.037171 1.519973  42 1 0 6.783632 -0.351041 -1.092274  43 1 0 5.455750 0.655677 -2.918038  44 1 0 3.002295 0.907050 -2.682619  45 1 0 1.984526 -0.852617 1.668329  46 1 0 3.323069 -1.840437 3.474665  47 1 0 5.783366 -2.102309 3.219948  48 1 0 6.896552 -1.358679 1.146745  49 1 0 -2.659880 -1.874383 -1.338272  50 1 0 -2.969777 -3.978348 -1.934809  51 1 0 2.685222 2.467715 0.115306  52 1 0 2.994346 4.572748 0.709747  53 1 0 -1.629757 -4.597993 -2.940932  54 1 0 -1.723912 -5.059223 -1.249406  55 1 0 1.773726 5.659186 -0.012320  56 1 0 1.633857 5.206274 1.678235 |
| TM\_NP\_model\_scan\_m\_100\_m\_90 | 1 6 0 1.414883 0.018811 -0.710587  2 6 0 0.582523 -1.084531 -0.879880  3 6 0 -0.813066 -0.974172 -0.866191  4 6 0 -1.400641 0.295423 -0.671014  5 6 0 -0.568092 1.398483 -0.502645  6 6 0 0.827932 1.288238 -0.518609  7 6 0 -2.884523 0.502492 -0.666071  8 6 0 -3.504561 0.990099 -1.797953  9 6 0 -4.898725 1.216024 -1.834819  10 6 0 -5.670815 0.952760 -0.732277  11 6 0 -5.081506 0.457060 0.459215  12 6 0 -3.667341 0.229084 0.501548  13 6 0 -3.097546 -0.255049 1.709921  14 6 0 -3.880220 -0.508352 2.810737  15 6 0 -5.275367 -0.289080 2.764463  16 6 0 -5.858677 0.184125 1.615111  17 6 0 2.899486 -0.177784 -0.771142  18 6 0 3.657544 -0.436521 0.415348  19 6 0 5.071692 -0.640862 0.306129  20 6 0 5.685564 -0.583304 -0.971543  21 6 0 4.937825 -0.333948 -2.094051  22 6 0 3.543391 -0.131139 -1.990200  23 6 0 3.063698 -0.497879 1.704861  24 6 0 3.822915 -0.745417 2.823184  25 6 0 5.217199 -0.946945 2.713061  26 6 0 5.823896 -0.896180 1.482382  27 6 0 -1.643279 -2.178309 -1.072394  28 7 0 -1.135639 -3.332140 -1.228460  29 6 0 -2.033163 -4.451263 -1.429240  30 6 0 1.658980 2.494855 -0.333007  31 7 0 1.152197 3.648797 -0.174746  32 6 0 2.051220 4.770306 0.004767  33 1 0 1.008593 -2.068001 -1.036064  34 1 0 -0.994035 2.382789 -0.351775  35 1 0 -2.907386 1.199487 -2.678374  36 1 0 -5.352100 1.597906 -2.742588  37 1 0 -6.742190 1.122552 -0.754609  38 1 0 -2.028290 -0.419677 1.756832  39 1 0 -3.425384 -0.876136 3.723665  40 1 0 -5.881489 -0.492446 3.640105  41 1 0 -6.928802 0.359148 1.574091  42 1 0 6.756592 -0.740421 -1.045022  43 1 0 5.410552 -0.292057 -3.068837  44 1 0 2.965021 0.063022 -2.886567  45 1 0 1.995041 -0.349525 1.798123  46 1 0 3.350405 -0.788755 3.798075  47 1 0 5.804553 -1.142640 3.603118  48 1 0 6.893998 -1.051007 1.390774  49 1 0 -2.729313 -2.020972 -1.086483  50 1 0 -3.097800 -4.173184 -1.423081  51 1 0 2.745396 2.339047 -0.338092  52 1 0 3.116065 4.493687 -0.017267  53 1 0 -1.797282 -4.934083 -2.383001  54 1 0 -1.856588 -5.197606 -0.648166  55 1 0 1.860373 5.512518 -0.776956  56 1 0 1.830821 5.257596 0.959912 |
| TM\_NP\_model\_scan\_m\_100\_m\_100 | 1 6 0 -1.402412 0.205417 -0.696584  2 6 0 -0.536349 1.295513 -0.670941  3 6 0 0.855363 1.142812 -0.678633  4 6 0 1.404683 -0.158023 -0.705986  5 6 0 0.538778 -1.248007 -0.738008  6 6 0 -0.853032 -1.095089 -0.738162  7 6 0 2.882139 -0.405290 -0.734415  8 6 0 3.496640 -0.706540 -1.932248  9 6 0 4.885264 -0.956864 -2.005283  10 6 0 5.657329 -0.904683 -0.872940  11 6 0 5.073432 -0.605842 0.384996  12 6 0 3.664685 -0.355106 0.463907  13 6 0 3.099953 -0.069906 1.736202  14 6 0 3.882406 -0.026253 2.865055  15 6 0 5.272383 -0.267312 2.783787  16 6 0 5.850617 -0.551745 1.571431  17 6 0 -2.879165 0.456753 -0.711014  18 6 0 -3.666948 0.318656 0.477021  19 6 0 -5.074020 0.582436 0.412324  20 6 0 -5.651266 0.980610 -0.820936  21 6 0 -4.874355 1.115440 -1.943094  22 6 0 -3.487440 0.852829 -1.884340  23 6 0 -3.108853 -0.064669 1.726385  24 6 0 -3.896364 -0.190436 2.845514  25 6 0 -5.284893 0.062606 2.777426  26 6 0 -5.856545 0.441890 1.588124  27 6 0 1.721563 2.339292 -0.674905  28 7 0 1.249387 3.517372 -0.623034  29 6 0 2.180860 4.626682 -0.630458  30 6 0 -1.718995 -2.290204 -0.800614  31 7 0 -1.247124 -3.469537 -0.798144  32 6 0 -2.178144 -4.576971 -0.869269  33 1 0 -0.931891 2.303441 -0.646712  34 1 0 0.934244 -2.255817 -0.768230  35 1 0 2.899551 -0.746539 -2.836393  36 1 0 5.334509 -1.188430 -2.964430  37 1 0 6.724553 -1.093695 -0.922550  38 1 0 2.034860 0.111244 1.808722  39 1 0 3.431474 0.192348 3.826525  40 1 0 5.878493 -0.229716 3.681961  41 1 0 6.916658 -0.742310 1.502590  42 1 0 -6.717237 1.179008 -0.859692  43 1 0 -5.318449 1.422419 -2.883287  44 1 0 -2.886513 0.959262 -2.780502  45 1 0 -2.044752 -0.255134 1.789507  46 1 0 -3.450439 -0.483079 3.789473  47 1 0 -5.895013 -0.040368 3.667724  48 1 0 -6.921336 0.642681 1.529805  49 1 0 2.802180 2.154503 -0.724107  50 1 0 3.236281 4.319831 -0.683046  51 1 0 -2.799040 -2.103112 -0.854112  52 1 0 -3.232887 -4.267607 -0.920803  53 1 0 1.957053 5.277787 -1.481527  54 1 0 2.030441 5.227437 0.272141  55 1 0 -1.943442 -5.187678 -1.746944  56 1 0 -2.039020 -5.219304 0.006099 |
| TM\_NP\_model\_scan\_m\_100\_m\_110 | 1 6 0 -1.392221 0.362811 -0.646973  2 6 0 -0.505574 1.425119 -0.485015  3 6 0 0.883104 1.251391 -0.515605  4 6 0 1.409868 -0.044204 -0.710060  5 6 0 0.524835 -1.105856 -0.879583  6 6 0 -0.863924 -0.931227 -0.856854  7 6 0 2.882530 -0.312234 -0.772516  8 6 0 3.490863 -0.468509 -2.000863  9 6 0 4.874007 -0.735222 -2.109394  10 6 0 5.646568 -0.847267 -0.981734  11 6 0 5.068369 -0.704777 0.305851  12 6 0 3.665223 -0.436534 0.420383  13 6 0 3.105746 -0.312602 1.720664  14 6 0 3.888040 -0.437918 2.843567  15 6 0 5.272570 -0.695670 2.728033  16 6 0 5.845565 -0.826812 1.487257  17 6 0 -2.861770 0.643333 -0.606520  18 6 0 -3.680560 0.211841 0.488300  19 6 0 -5.079160 0.525166 0.474777  20 6 0 -5.617246 1.266878 -0.608018  21 6 0 -4.809392 1.690628 -1.631993  22 6 0 -3.431966 1.379537 -1.625833  23 6 0 -3.161978 -0.500356 1.603542  24 6 0 -3.979252 -0.898566 2.634127  25 6 0 -5.360897 -0.604272 2.609040  26 6 0 -5.893944 0.094275 1.554372  27 6 0 1.769618 2.422561 -0.360424  28 7 0 1.317358 3.594478 -0.171961  29 6 0 2.267985 4.679261 -0.038027  30 6 0 -1.746257 -2.092348 -1.094007  31 7 0 -1.294867 -3.274614 -1.202966  32 6 0 -2.239262 -4.344694 -1.451434  33 1 0 -0.883321 2.427560 -0.325758  34 1 0 0.903382 -2.107290 -1.043375  35 1 0 2.893270 -0.378893 -2.901109  36 1 0 5.318710 -0.849026 -3.091601  37 1 0 6.709629 -1.050310 -1.058203  38 1 0 2.044437 -0.121851 1.820010  39 1 0 3.440747 -0.341736 3.826555  40 1 0 5.878414 -0.792686 3.621907  41 1 0 6.907214 -1.029715 1.391285  42 1 0 -6.677215 1.498367 -0.607860  43 1 0 -5.222013 2.263412 -2.454812  44 1 0 -2.807678 1.713228 -2.447047  45 1 0 -2.103375 -0.724400 1.639255  46 1 0 -3.561108 -1.439029 3.475902  47 1 0 -5.995140 -0.925590 3.427538  48 1 0 -6.952203 0.333240 1.532490  49 1 0 2.847358 2.224964 -0.421732  50 1 0 3.318455 4.361078 -0.115982  51 1 0 -2.818491 -1.876218 -1.179759  52 1 0 -3.284214 -4.007012 -1.520937  53 1 0 2.066127 5.430827 -0.807997  54 1 0 2.117006 5.171800 0.927826  55 1 0 -1.967657 -4.854803 -2.381172  56 1 0 -2.158722 -5.087360 -0.651302 |
| TM\_NP\_model\_scan\_m\_100\_m\_120 | 1 6 0 -1.387409 0.440058 -0.638524  2 6 0 -0.484943 1.482502 -0.432006  3 6 0 0.901065 1.293261 -0.469146  4 6 0 1.412293 0.000005 -0.712588  5 6 0 0.513543 -1.041760 -0.927681  6 6 0 -0.872778 -0.850939 -0.901120  7 6 0 2.881279 -0.285740 -0.780630  8 6 0 3.492379 -0.402023 -2.012079  9 6 0 4.871352 -0.687283 -2.126161  10 6 0 5.636653 -0.859155 -1.001089  11 6 0 5.055166 -0.759562 0.289051  12 6 0 3.656370 -0.471804 0.409160  13 6 0 3.093085 -0.391888 1.711299  14 6 0 3.867950 -0.577159 2.831050  15 6 0 5.248313 -0.854107 2.710297  16 6 0 5.824664 -0.943933 1.467394  17 6 0 -2.849680 0.736306 -0.544486  18 6 0 -3.681955 0.152028 0.468817  19 6 0 -5.071104 0.504659 0.512862  20 6 0 -5.585352 1.440270 -0.420764  21 6 0 -4.760938 2.021775 -1.349546  22 6 0 -3.394505 1.673336 -1.401782  23 6 0 -3.186192 -0.736687 1.461556  24 6 0 -4.016828 -1.271327 2.416969  25 6 0 -5.391512 -0.946669 2.436944  26 6 0 -5.901734 -0.075192 1.507510  27 6 0 1.801682 2.445608 -0.261915  28 7 0 1.363578 3.614320 -0.026174  29 6 0 2.327384 4.679911 0.158671  30 6 0 -1.763560 -1.985736 -1.223124  31 7 0 -1.332140 -3.175213 -1.332955  32 6 0 -2.280093 -4.214306 -1.680571  33 1 0 -0.848821 2.480633 -0.222028  34 1 0 0.879684 -2.039644 -1.135344  35 1 0 2.900423 -0.265856 -2.910200  36 1 0 5.318551 -0.768131 -3.110497  37 1 0 6.696361 -1.077511 -1.081785  38 1 0 2.034681 -0.187315 1.814473  39 1 0 3.417831 -0.514024 3.815412  40 1 0 5.848272 -0.998669 3.601710  41 1 0 6.883062 -1.161273 1.367244  42 1 0 -6.638778 1.696349 -0.378394  43 1 0 -5.152579 2.747977 -2.052814  44 1 0 -2.758903 2.131300 -2.151211  45 1 0 -2.133329 -0.986822 1.468546  46 1 0 -3.613265 -1.943217 3.166151  47 1 0 -6.036772 -1.378669 3.193544  48 1 0 -6.952928 0.193405 1.524787  49 1 0 2.877076 2.236464 -0.326439  50 1 0 3.374031 4.351674 0.071975  51 1 0 -2.821876 -1.741715 -1.379371  52 1 0 -3.309370 -3.848954 -1.813950  53 1 0 2.139184 5.466529 -0.579066  54 1 0 2.177716 5.132212 1.144212  55 1 0 -1.953798 -4.703989 -2.603689  56 1 0 -2.274101 -4.981197 -0.899571 |
| TM\_NP\_model\_scan\_m\_100\_m\_130 | 1 6 0 -1.382309 0.488939 -0.636803  2 6 0 -0.461413 1.515185 -0.420907  3 6 0 0.921253 1.308372 -0.462816  4 6 0 1.415531 0.009529 -0.710462  5 6 0 0.501618 -1.016730 -0.934950  6 6 0 -0.881830 -0.806714 -0.910424  7 6 0 2.880395 -0.296512 -0.775403  8 6 0 3.494255 -0.416061 -2.005155  9 6 0 4.869787 -0.718951 -2.115484  10 6 0 5.628905 -0.904480 -0.988391  11 6 0 5.044349 -0.801541 0.300103  12 6 0 3.648905 -0.496582 0.416429  13 6 0 3.082155 -0.413598 1.716873  14 6 0 3.850858 -0.611783 2.838658  15 6 0 5.228097 -0.905417 2.721690  16 6 0 5.807491 -0.998902 1.480474  17 6 0 -2.835805 0.803944 -0.494533  18 6 0 -3.688056 0.120619 0.440899  19 6 0 -5.065430 0.511045 0.535222  20 6 0 -5.545116 1.589012 -0.250901  21 6 0 -4.696380 2.275012 -1.081068  22 6 0 -3.345505 1.886328 -1.189570  23 6 0 -3.225285 -0.894200 1.323236  24 6 0 -4.076760 -1.520828 2.201232  25 6 0 -5.443420 -1.168308 2.253030  26 6 0 -5.920246 -0.169649 1.441995  27 6 0 1.836825 2.448100 -0.250351  28 7 0 1.414039 3.622453 -0.014781  29 6 0 2.391716 4.674613 0.173976  30 6 0 -1.780497 -1.921612 -1.279809  31 7 0 -1.370626 -3.119931 -1.372932  32 6 0 -2.321424 -4.135356 -1.778073  33 1 0 -0.807965 2.515084 -0.191896  34 1 0 0.853333 -2.017609 -1.152850  35 1 0 2.907358 -0.268702 -2.904828  36 1 0 5.319318 -0.802229 -3.098552  37 1 0 6.685987 -1.136212 -1.066170  38 1 0 2.026023 -0.196199 1.817061  39 1 0 3.398197 -0.545921 3.821671  40 1 0 5.823218 -1.059854 3.614691  41 1 0 6.863437 -1.229123 1.383272  42 1 0 -6.589367 1.871695 -0.169467  43 1 0 -5.057843 3.113515 -1.665448  44 1 0 -2.695769 2.424614 -1.870147  45 1 0 -2.179082 -1.168392 1.313144  46 1 0 -3.694004 -2.287021 2.866016  47 1 0 -6.106636 -1.675797 2.944370  48 1 0 -6.962805 0.127269 1.490497  49 1 0 2.909455 2.224466 -0.312112  50 1 0 3.434028 4.332053 0.090487  51 1 0 -2.823164 -1.652844 -1.491276  52 1 0 -3.332860 -3.745564 -1.966964  53 1 0 2.216904 5.464099 -0.564003  54 1 0 2.245128 5.128423 1.159265  55 1 0 -1.955486 -4.629613 -2.683693  56 1 0 -2.377256 -4.904634 -1.001374 |
| TM\_NP\_model\_scan\_m\_100\_m\_140 | 1 6 0 -1.381701 0.510402 -0.662071  2 6 0 -0.445544 1.527927 -0.459429  3 6 0 0.934367 1.307130 -0.494252  4 6 0 1.417224 -0.001356 -0.710717  5 6 0 0.492374 -1.020951 -0.917477  6 6 0 -0.888877 -0.796079 -0.903801  7 6 0 2.879002 -0.323379 -0.762046  8 6 0 3.496906 -0.476285 -1.986071  9 6 0 4.870206 -0.793360 -2.083555  10 6 0 5.622922 -0.959925 -0.949218  11 6 0 5.033618 -0.823697 0.334016  12 6 0 3.640390 -0.504379 0.437402  13 6 0 3.068393 -0.388886 1.733012  14 6 0 3.830226 -0.570002 2.862359  15 6 0 5.205463 -0.877542 2.758077  16 6 0 5.789744 -1.002125 1.521899  17 6 0 -2.827038 0.841191 -0.475503  18 6 0 -3.693656 0.105073 0.409897  19 6 0 -5.058676 0.527244 0.551133  20 6 0 -5.508036 1.694274 -0.115469  21 6 0 -4.637309 2.441313 -0.866151  22 6 0 -3.302847 2.019891 -1.026657  23 6 0 -3.257881 -0.983437 1.215492  24 6 0 -4.124195 -1.656158 2.043545  25 6 0 -5.483118 -1.280767 2.121788  26 6 0 -5.932266 -0.206221 1.397275  27 6 0 1.859744 2.442482 -0.300266  28 7 0 1.447190 3.625249 -0.090180  29 6 0 2.433994 4.671789 0.081786  30 6 0 -1.788349 -1.903812 -1.296302  31 7 0 -1.391969 -3.108192 -1.363802  32 6 0 -2.338375 -4.113282 -1.803596  33 1 0 -0.776902 2.534311 -0.238127  34 1 0 0.833077 -2.029429 -1.117035  35 1 0 2.915181 -0.343681 -2.891382  36 1 0 5.323128 -0.902457 -3.062531  37 1 0 6.678327 -1.202194 -1.016969  38 1 0 2.013729 -0.160378 1.823289  39 1 0 3.373656 -0.479729 3.841617  40 1 0 5.795152 -1.018103 3.656957  41 1 0 6.844094 -1.243386 1.434618  42 1 0 -6.543003 1.997911 0.000810  43 1 0 -4.969353 3.352872 -1.349845  44 1 0 -2.642945 2.606843 -1.654843  45 1 0 -2.218260 -1.278204 1.193348  46 1 0 -3.757114 -2.476343 2.650198  47 1 0 -6.159426 -1.826878 2.769616  48 1 0 -6.965736 0.115445 1.473812  49 1 0 2.930461 2.207683 -0.353055  50 1 0 3.473291 4.317747 0.009554  51 1 0 -2.817143 -1.622149 -1.554183  52 1 0 -3.334716 -3.710847 -2.039990  53 1 0 2.269785 5.447985 -0.672534  54 1 0 2.287814 5.146459 1.057241  55 1 0 -1.939921 -4.619623 -2.688554  56 1 0 -2.439954 -4.875679 -1.024731 |
| TM\_NP\_model\_scan\_m\_100\_p\_20 | 1 6 0 1.431565 0.426668 -0.176143  2 6 0 0.756139 -0.801684 -0.128862  3 6 0 -0.619864 -0.936795 -0.333865  4 6 0 -1.402074 0.217728 -0.538215  5 6 0 -0.755234 1.449806 -0.554823  6 6 0 0.625655 1.582173 -0.377234  7 6 0 -2.881434 0.167759 -0.763631  8 6 0 -3.375192 0.269037 -2.047899  9 6 0 -4.763701 0.241692 -2.307588  10 6 0 -5.657099 0.115118 -1.274749  11 6 0 -5.201687 0.017544 0.065254  12 6 0 -3.794245 0.047524 0.333451  13 6 0 -3.361880 -0.035690 1.684419  14 6 0 -4.267348 -0.151337 2.711677  15 6 0 -5.654428 -0.188426 2.444386  16 6 0 -6.107559 -0.104100 1.151123  17 6 0 2.824822 0.483844 0.360509  18 6 0 3.821211 -0.511625 0.027966  19 6 0 5.127367 -0.411079 0.615599  20 6 0 5.454473 0.708335 1.421222  21 6 0 4.539673 1.709217 1.613366  22 6 0 3.245423 1.601377 1.066095  23 6 0 3.614327 -1.560774 -0.910585  24 6 0 4.589830 -2.491306 -1.180762  25 6 0 5.840731 -2.433378 -0.531252  26 6 0 6.102209 -1.405013 0.337852  27 6 0 -1.231234 -2.281887 -0.307985  28 7 0 -0.545966 -3.334229 -0.118365  29 6 0 -1.236838 -4.607488 -0.109567  30 6 0 1.207397 2.924572 -0.611782  31 7 0 0.528468 3.991371 -0.492071  32 6 0 1.166752 5.247330 -0.831366  33 1 0 1.288528 -1.707373 0.124163  34 1 0 -1.322527 2.356086 -0.726444  35 1 0 -2.680384 0.365331 -2.874687  36 1 0 -5.115622 0.320103 -3.330037  37 1 0 -6.724613 0.091395 -1.467134  38 1 0 -2.301204 0.000023 1.899532  39 1 0 -3.916832 -0.210956 3.735921  40 1 0 -6.358081 -0.279557 3.264180  41 1 0 -7.171557 -0.126594 0.939282  42 1 0 6.445380 0.768147 1.858646  43 1 0 4.793359 2.582355 2.203686  44 1 0 2.526455 2.369334 1.318365  45 1 0 2.679869 -1.618827 -1.448823  46 1 0 4.396643 -3.271740 -1.908119  47 1 0 6.596301 -3.182217 -0.740173  48 1 0 7.073450 -1.320425 0.814153  49 1 0 -2.316407 -2.322744 -0.466894  50 1 0 -2.320299 -4.525699 -0.283033  51 1 0 2.253428 2.944201 -0.945447  52 1 0 2.214234 5.141164 -1.152554  53 1 0 -0.802060 -5.257784 -0.875304  54 1 0 -1.068009 -5.100349 0.853144  55 1 0 0.599801 5.733362 -1.631857  56 1 0 1.126085 5.917889 0.032826 |
| TM\_NP\_model\_scan\_m\_100\_p\_30 | 1 6 0 1.420986 0.386313 -0.093840  2 6 0 0.740292 -0.836025 -0.034053  3 6 0 -0.633022 -0.959205 -0.262699  4 6 0 -1.394487 0.199748 -0.521823  5 6 0 -0.734166 1.423934 -0.565305  6 6 0 0.644539 1.545399 -0.359009  7 6 0 -2.868928 0.158531 -0.780232  8 6 0 -3.331767 0.223942 -2.078268  9 6 0 -4.714117 0.201181 -2.369433  10 6 0 -5.632468 0.114369 -1.354527  11 6 0 -5.209290 0.054428 -0.001822  12 6 0 -3.808158 0.080511 0.298178  13 6 0 -3.408353 0.035854 1.660967  14 6 0 -4.338554 -0.040121 2.669689  15 6 0 -5.719337 -0.073730 2.371211  16 6 0 -6.141297 -0.025719 1.065610  17 6 0 2.821866 0.448010 0.417343  18 6 0 3.829613 -0.504654 0.017838  19 6 0 5.143968 -0.404224 0.585480  20 6 0 5.451714 0.665457 1.463556  21 6 0 4.508604 1.616518 1.752402  22 6 0 3.209022 1.511723 1.216829  23 6 0 3.615794 -1.514683 -0.960586  24 6 0 4.605659 -2.404949 -1.303166  25 6 0 5.875284 -2.340802 -0.690260  26 6 0 6.136235 -1.353605 0.225856  27 6 0 -1.263109 -2.294926 -0.213788  28 7 0 -0.596967 -3.349823 0.023808  29 6 0 -1.304449 -4.613656 0.049442  30 6 0 1.258590 2.872450 -0.590974  31 7 0 0.583739 3.948214 -0.557712  32 6 0 1.262780 5.188261 -0.875279  33 1 0 1.267474 -1.740283 0.238219  34 1 0 -1.287450 2.329974 -0.779096  35 1 0 -2.617196 0.288069 -2.891205  36 1 0 -5.041516 0.251076 -3.401782  37 1 0 -6.695384 0.094029 -1.571256  38 1 0 -2.352763 0.069449 1.900214  39 1 0 -4.012469 -0.070812 3.703251  40 1 0 -6.442694 -0.133390 3.176615  41 1 0 -7.200221 -0.045676 0.829512  42 1 0 6.449155 0.726116 1.885849  43 1 0 4.746745 2.446868 2.407421  44 1 0 2.468212 2.239782 1.522268  45 1 0 2.660989 -1.574193 -1.463108  46 1 0 4.410096 -3.158829 -2.057410  47 1 0 6.643756 -3.056529 -0.959536  48 1 0 7.117646 -1.271140 0.681238  49 1 0 -2.344267 -2.326759 -0.399533  50 1 0 -2.382231 -4.523264 -0.152920  51 1 0 2.328666 2.873649 -0.835459  52 1 0 2.332451 5.063396 -1.102950  53 1 0 -0.859637 -5.289515 -0.687899  54 1 0 -1.165500 -5.082694 1.028692  55 1 0 0.771423 5.657156 -1.733886  56 1 0 1.156645 5.882797 -0.035938 |
| TM\_NP\_model\_scan\_m\_100\_p\_40 | 1 6 0 1.410415 0.349788 -0.012800  2 6 0 0.724148 -0.866671 0.055311  3 6 0 -0.645787 -0.979396 -0.198342  4 6 0 -1.386545 0.181867 -0.507770  5 6 0 -0.712877 1.397740 -0.573205  6 6 0 0.662543 1.509505 -0.337027  7 6 0 -2.855585 0.148740 -0.797172  8 6 0 -3.290239 0.180832 -2.106148  9 6 0 -4.666370 0.164129 -2.425803  10 6 0 -5.606810 0.116303 -1.428674  11 6 0 -5.212922 0.090849 -0.066065  12 6 0 -3.818155 0.111071 0.262633  13 6 0 -3.447677 0.100984 1.634423  14 6 0 -4.399590 0.062787 2.624871  15 6 0 -5.774086 0.034902 2.298270  16 6 0 -6.167941 0.050504 0.983124  17 6 0 2.818268 0.410835 0.477629  18 6 0 3.834646 -0.492276 0.004569  19 6 0 5.154708 -0.403047 0.559443  20 6 0 5.446511 0.598881 1.519408  21 6 0 4.481579 1.492961 1.905125  22 6 0 3.178215 1.401649 1.375358  23 6 0 3.615212 -1.446063 -1.026983  24 6 0 4.615740 -2.290096 -1.446174  25 6 0 5.899128 -2.230759 -0.860738  26 6 0 6.159851 -1.301376 0.114339  27 6 0 -1.293710 -2.305606 -0.129579  28 7 0 -0.647274 -3.361197 0.154858  29 6 0 -1.370773 -4.615551 0.195239  30 6 0 1.305325 2.823286 -0.560187  31 7 0 0.638864 3.903602 -0.613501  32 6 0 1.353086 5.130794 -0.902182  33 1 0 1.244886 -1.769986 0.345466  34 1 0 -1.251711 2.302686 -0.825310  35 1 0 -2.558176 0.214012 -2.905250  36 1 0 -4.971510 0.187476 -3.465897  37 1 0 -6.665056 0.100804 -1.667579  38 1 0 -2.397109 0.130658 1.895473  39 1 0 -4.095541 0.057800 3.665579  40 1 0 -6.514792 0.005249 3.089433  41 1 0 -7.221823 0.034629 0.725176  42 1 0 6.448353 0.652119 1.932271  43 1 0 4.707612 2.267119 2.629605  44 1 0 2.420461 2.087010 1.735612  45 1 0 2.645025 -1.499034 -1.501343  46 1 0 4.418880 -3.003964 -2.238072  47 1 0 6.677197 -2.908427 -1.193527  48 1 0 7.148798 -1.229219 0.554973  49 1 0 -2.369937 -2.329779 -0.342900  50 1 0 -2.442123 -4.517791 -0.035819  51 1 0 2.392140 2.811415 -0.711170  52 1 0 2.437123 4.993332 -1.034329  53 1 0 -0.916484 -5.315201 -0.513604  54 1 0 -1.261313 -5.060972 1.189146  55 1 0 0.940558 5.581188 -1.810741  56 1 0 1.181572 5.846648 -0.092059 |
| TM\_NP\_model\_scan\_m\_100\_p\_50 | 1 6 0 1.400629 0.313606 0.073718  2 6 0 0.706445 -0.896175 0.145841  3 6 0 -0.659153 -0.998276 -0.135755  4 6 0 -1.377781 0.164807 -0.490467  5 6 0 -0.689888 1.371765 -0.569484  6 6 0 0.681038 1.473228 -0.301481  7 6 0 -2.840292 0.141081 -0.812763  8 6 0 -3.245355 0.145698 -2.131575  9 6 0 -4.614197 0.138097 -2.481417  10 6 0 -5.577054 0.126857 -1.504796  11 6 0 -5.213844 0.129780 -0.133424  12 6 0 -3.826535 0.140727 0.225676  13 6 0 -3.486602 0.158793 1.605316  14 6 0 -4.460493 0.155692 2.574905  15 6 0 -5.827669 0.137074 2.218487  16 6 0 -6.192198 0.126381 0.894834  17 6 0 2.815189 0.365761 0.547916  18 6 0 3.836854 -0.475428 -0.011153  19 6 0 5.162985 -0.409667 0.531317  20 6 0 5.445747 0.500622 1.581099  21 6 0 4.465574 1.326221 2.069266  22 6 0 3.157284 1.259850 1.546480  23 6 0 3.609602 -1.349466 -1.109135  24 6 0 4.616665 -2.136096 -1.614791  25 6 0 5.912159 -2.093735 -1.053879  26 6 0 6.176209 -1.244650 -0.008707  27 6 0 -1.325144 -2.314648 -0.054528  28 7 0 -0.700812 -3.370408 0.275166  29 6 0 -1.440660 -4.614852 0.322873  30 6 0 1.349518 2.775755 -0.509167  31 7 0 0.696837 3.856733 -0.649687  32 6 0 1.441061 5.074055 -0.901007  33 1 0 1.218014 -1.799619 0.453266  34 1 0 -1.212766 2.276229 -0.854846  35 1 0 -2.495450 0.150376 -2.914645  36 1 0 -4.895957 0.139464 -3.528353  37 1 0 -6.629824 0.118773 -1.767164  38 1 0 -2.441791 0.181582 1.889294  39 1 0 -4.179519 0.171432 3.621973  40 1 0 -6.585986 0.135190 2.993346  41 1 0 -7.240258 0.117258 0.613845  42 1 0 6.452093 0.537286 1.984757  43 1 0 4.684704 2.026540 2.867311  44 1 0 2.388177 1.894795 1.970969  45 1 0 2.626625 -1.387056 -1.559124  46 1 0 4.416597 -2.791779 -2.454749  47 1 0 6.696237 -2.724148 -1.457890  48 1 0 7.172342 -1.191533 0.418265  49 1 0 -2.394735 -2.331316 -0.299612  50 1 0 -2.503609 -4.509929 0.058456  51 1 0 2.445193 2.756007 -0.561473  52 1 0 2.531470 4.928729 -0.936658  53 1 0 -0.974746 -5.335857 -0.356431  54 1 0 -1.365454 -5.038650 1.329332  55 1 0 1.110560 5.507630 -1.850348  56 1 0 1.205354 5.807189 -0.123058 |
| TM\_NP\_model\_scan\_m\_100\_p\_60 | 1 6 0 1.391422 0.270396 0.168571  2 6 0 0.683803 -0.930258 0.235643  3 6 0 -0.676376 -1.016448 -0.077438  4 6 0 -1.368139 0.152002 -0.468100  5 6 0 -0.662316 1.348407 -0.547128  6 6 0 0.702854 1.433944 -0.244230  7 6 0 -2.822639 0.143510 -0.826163  8 6 0 -3.195782 0.132530 -2.154328  9 6 0 -4.555780 0.139071 -2.537051  10 6 0 -5.541886 0.157657 -1.584010  11 6 0 -5.211727 0.177098 -0.204411  12 6 0 -3.833458 0.173748 0.187873  13 6 0 -3.526340 0.208383 1.574912  14 6 0 -4.523034 0.234265 2.520666  15 6 0 -5.881384 0.229749 2.131647  16 6 0 -6.214336 0.203807 0.799882  17 6 0 2.812162 0.300572 0.631215  18 6 0 3.835200 -0.457751 -0.029005  19 6 0 5.168978 -0.427933 0.496684  20 6 0 5.451054 0.359540 1.641829  21 6 0 4.462168 1.097247 2.241105  22 6 0 3.146764 1.067509 1.731164  23 6 0 3.595935 -1.219215 -1.205330  24 6 0 4.605186 -1.928892 -1.810357  25 6 0 5.912604 -1.916525 -1.275321  26 6 0 6.185031 -1.179054 -0.150345  27 6 0 -1.363898 -2.321621 0.002593  28 7 0 -0.767381 -3.380155 0.372522  29 6 0 -1.526682 -4.613063 0.413474  30 6 0 1.397953 2.725732 -0.424841  31 7 0 0.769367 3.806637 -0.650197  32 6 0 1.542336 5.015171 -0.851559  33 1 0 1.181554 -1.837449 0.555452  34 1 0 -1.165342 2.256030 -0.857165  35 1 0 -2.427254 0.114009 -2.918928  36 1 0 -4.812269 0.127713 -3.590403  37 1 0 -6.588022 0.160767 -1.871816  38 1 0 -2.488386 0.220199 1.883634  39 1 0 -4.267044 0.261957 3.573871  40 1 0 -6.658002 0.250601 2.887883  41 1 0 -7.255411 0.205311 0.493847  42 1 0 6.463265 0.371277 2.032164  43 1 0 4.680769 1.700708 3.114861  44 1 0 2.372080 1.637537 2.231709  45 1 0 2.600859 -1.232628 -1.630518  46 1 0 4.398261 -2.501287 -2.707607  47 1 0 6.698766 -2.484576 -1.759827  48 1 0 7.188859 -1.154259 0.260917  49 1 0 -2.424234 -2.327302 -0.280333  50 1 0 -2.577809 -4.497541 0.109171  51 1 0 2.493401 2.698873 -0.372005  52 1 0 2.630116 4.863616 -0.780634  53 1 0 -1.047287 -5.351631 -0.236970  54 1 0 -1.493814 -5.021213 1.428629  55 1 0 1.306232 5.432905 -1.835509  56 1 0 1.238783 5.763521 -0.112549 |
| TM\_NP\_model\_scan\_m\_100\_p\_70 | 1 6 0 1.380085 0.201921 0.247393  2 6 0 0.651838 -0.986018 0.288374  3 6 0 -0.703015 -1.042997 -0.055121  4 6 0 -1.361783 0.141236 -0.455883  5 6 0 -0.631609 1.324272 -0.512998  6 6 0 0.727190 1.380644 -0.175883  7 6 0 -2.809698 0.163219 -0.839781  8 6 0 -3.161005 0.161669 -2.173858  9 6 0 -4.514169 0.195518 -2.578843  10 6 0 -5.515283 0.232262 -1.642112  11 6 0 -5.207569 0.243864 -0.257215  12 6 0 -3.836304 0.212991 0.157591  13 6 0 -3.551310 0.240962 1.549517  14 6 0 -4.562633 0.286232 2.478855  15 6 0 -5.914221 0.308435 2.067628  16 6 0 -6.225804 0.289583 0.730558  17 6 0 2.801596 0.196086 0.715207  18 6 0 3.835987 -0.434493 -0.049318  19 6 0 5.171547 -0.452033 0.471309  20 6 0 5.439864 0.160483 1.722098  21 6 0 4.435499 0.770803 2.429470  22 6 0 3.118059 0.787563 1.922284  23 6 0 3.600287 -1.030432 -1.317965  24 6 0 4.619665 -1.623338 -2.023335  25 6 0 5.932097 -1.652444 -1.500627  26 6 0 6.198552 -1.077554 -0.282878  27 6 0 -1.418579 -2.334089 0.001084  28 7 0 -0.855730 -3.404595 0.388928  29 6 0 -1.640631 -4.621962 0.402859  30 6 0 1.453893 2.660236 -0.306502  31 7 0 0.863604 3.747986 -0.593563  32 6 0 1.667551 4.945802 -0.725192  33 1 0 1.128740 -1.905259 0.605981  34 1 0 -1.110274 2.243639 -0.827077  35 1 0 -2.380478 0.128851 -2.925724  36 1 0 -4.753457 0.190625 -3.636279  37 1 0 -6.556275 0.256264 -1.947067  38 1 0 -2.518558 0.231942 1.875175  39 1 0 -4.323484 0.308462 3.536144  40 1 0 -6.702570 0.344140 2.811073  41 1 0 -7.261506 0.311678 0.407531  42 1 0 6.453555 0.139415 2.108272  43 1 0 4.644025 1.237885 3.385391  44 1 0 2.331918 1.259629 2.501074  45 1 0 2.598987 -1.012041 -1.729157  46 1 0 4.417336 -2.071591 -2.989606  47 1 0 6.726577 -2.126256 -2.066125  48 1 0 7.205119 -1.089791 0.122204  49 1 0 -2.469095 -2.318237 -0.316080  50 1 0 -2.678288 -4.485108 0.063184  51 1 0 2.539533 2.618222 -0.153184  52 1 0 2.742009 4.780480 -0.553947  53 1 0 -1.154381 -5.369868 -0.231599  54 1 0 -1.650560 -5.030892 1.418194  55 1 0 1.528527 5.363380 -1.727546  56 1 0 1.306893 5.700165 -0.018674 |
| TM\_NP\_model\_scan\_m\_100\_p\_80 | 1 6 0 1.370816 0.102640 0.336996  2 6 0 0.611880 -1.065436 0.329827  3 6 0 -0.737291 -1.075080 -0.042230  4 6 0 -1.354823 0.137498 -0.422968  5 6 0 -0.593560 1.302457 -0.426579  6 6 0 0.758280 1.311348 -0.059363  7 6 0 -2.791758 0.209869 -0.840887  8 6 0 -3.108624 0.257059 -2.182704  9 6 0 -4.449483 0.339210 -2.620381  10 6 0 -5.473087 0.375252 -1.708268  11 6 0 -5.200791 0.338329 -0.316406  12 6 0 -3.841961 0.258640 0.131619  13 6 0 -3.592057 0.239305 1.530364  14 6 0 -4.625420 0.285324 2.435098  15 6 0 -5.964935 0.355348 1.990961  16 6 0 -6.242550 0.382923 0.646571  17 6 0 2.795875 0.040705 0.795702  18 6 0 3.833743 -0.414995 -0.078946  19 6 0 5.177814 -0.483230 0.414407  20 6 0 5.447891 -0.099545 1.752932  21 6 0 4.436835 0.336197 2.571173  22 6 0 3.111168 0.405808 2.088515  23 6 0 3.589190 -0.793265 -1.426730  24 6 0 4.611623 -1.221553 -2.238729  25 6 0 5.934934 -1.293965 -1.748208  26 6 0 6.208321 -0.931998 -0.452451  27 6 0 -1.487208 -2.347640 -0.042753  28 7 0 -0.962836 -3.443619 0.327604  29 6 0 -1.779262 -4.639427 0.283581  30 6 0 1.519726 2.575944 -0.110940  31 7 0 0.975064 3.683148 -0.412947  32 6 0 1.810244 4.866208 -0.449312  33 1 0 1.060193 -2.007239 0.621947  34 1 0 -1.042151 2.243987 -0.718642  35 1 0 -2.309982 0.225436 -2.915354  36 1 0 -4.661315 0.371866 -3.683158  37 1 0 -6.504959 0.435972 -2.038044  38 1 0 -2.568440 0.193566 1.880735  39 1 0 -4.413204 0.271241 3.498258  40 1 0 -6.770941 0.390963 2.715243  41 1 0 -7.268696 0.441938 0.298633  42 1 0 6.468011 -0.157217 2.117858  43 1 0 4.646730 0.626800 3.594374  44 1 0 2.321346 0.746317 2.748883  45 1 0 2.578093 -0.741489 -1.810509  46 1 0 4.403725 -1.506471 -3.263982  47 1 0 6.732161 -1.634995 -2.399087  48 1 0 7.222533 -0.983265 -0.070051  49 1 0 -2.528037 -2.295230 -0.386924  50 1 0 -2.803181 -4.464502 -0.079448  51 1 0 2.589832 2.505782 0.121775  52 1 0 2.864863 4.672785 -0.201570  53 1 0 -1.295426 -5.380979 -0.360131  54 1 0 -1.827895 -5.077956 1.285351  55 1 0 1.756472 5.313361 -1.447053  56 1 0 1.411494 5.609040 0.248940 |
| TM\_NP\_model\_scan\_m\_100\_p\_90 | 1 6 0 1.364134 -0.034613 0.390933  2 6 0 0.570450 -1.173030 0.277211  3 6 0 -0.775294 -1.108016 -0.103746  4 6 0 -1.350940 0.151218 -0.383566  5 6 0 -0.556499 1.288956 -0.271718  6 6 0 0.790113 1.223648 0.107460  7 6 0 -2.776035 0.305027 -0.819671  8 6 0 -3.058757 0.483494 -2.158135  9 6 0 -4.385391 0.647302 -2.615636  10 6 0 -5.429305 0.634153 -1.726256  11 6 0 -5.192044 0.463348 -0.338026  12 6 0 -3.847502 0.299425 0.130398  13 6 0 -3.632821 0.144958 1.526492  14 6 0 -4.686232 0.142833 2.409057  15 6 0 -6.011697 0.296939 1.944185  16 6 0 -6.255186 0.455072 0.602244  17 6 0 2.789381 -0.183903 0.829996  18 6 0 3.836261 -0.380212 -0.126440  19 6 0 5.182899 -0.534310 0.338603  20 6 0 5.446112 -0.491183 1.731926  21 6 0 4.425639 -0.304352 2.629194  22 6 0 3.096875 -0.150076 2.174262  23 6 0 3.595024 -0.425406 -1.526050  24 6 0 4.625150 -0.611641 -2.416231  25 6 0 5.952339 -0.763638 -1.955487  26 6 0 6.221516 -0.725884 -0.609622  27 6 0 -1.562522 -2.352444 -0.220020  28 7 0 -1.076962 -3.490216 0.068302  29 6 0 -1.926954 -4.653304 -0.083570  30 6 0 1.584818 2.465224 0.198145  31 7 0 1.086682 3.607756 -0.046865  32 6 0 1.949146 4.766207 0.064501  33 1 0 0.989066 -2.150646 0.482619  34 1 0 -0.974810 2.266433 -0.478069  35 1 0 -2.243848 0.492858 -2.873251  36 1 0 -4.570175 0.781858 -3.675432  37 1 0 -6.450614 0.757389 -2.071092  38 1 0 -2.619856 0.033954 1.892907  39 1 0 -4.500705 0.025820 3.470864  40 1 0 -6.833724 0.293667 2.651116  41 1 0 -7.270165 0.578975 0.239005  42 1 0 6.468511 -0.609711 2.075206  43 1 0 4.630710 -0.274198 3.693377  44 1 0 2.300388 -0.003835 2.895329  45 1 0 2.580242 -0.313751 -1.887141  46 1 0 4.420232 -0.643922 -3.480433  47 1 0 6.755830 -0.910863 -2.668402  48 1 0 7.238359 -0.842585 -0.249192  49 1 0 -2.595489 -2.241021 -0.573772  50 1 0 -2.938842 -4.419114 -0.446932  51 1 0 2.636513 2.346445 0.488668  52 1 0 2.981029 4.524498 0.360706  53 1 0 -1.453733 -5.355945 -0.776906  54 1 0 -2.005925 -5.168256 0.879187  55 1 0 1.969481 5.292173 -0.895336  56 1 0 1.523417 5.462248 0.794317 |
| TM\_NP\_model\_scan\_m\_100\_p\_100 | 1 6 0 1.354027 0.165902 -0.376287  2 6 0 0.530260 1.266200 -0.153799  3 6 0 -0.812435 1.129094 0.219077  4 6 0 -1.353992 -0.165675 0.376493  5 6 0 -0.530273 -1.265982 0.153927  6 6 0 0.812424 -1.128881 -0.218956  7 6 0 -2.774726 -0.398027 0.792262  8 6 0 -3.054316 -0.710293 2.106647  9 6 0 -4.376505 -0.954231 2.540712  10 6 0 -5.418936 -0.886932 1.652033  11 6 0 -5.184599 -0.578212 0.287357  12 6 0 -3.844681 -0.331856 -0.157290  13 6 0 -3.632647 -0.037619 -1.531195  14 6 0 -4.684214 0.018394 -2.414128  15 6 0 -6.005256 -0.218626 -1.972157  16 6 0 -6.246052 -0.511382 -0.652539  17 6 0 2.774694 0.398343 -0.792205  18 6 0 3.844733 0.331819 0.157326  19 6 0 5.184660 0.577988 -0.287366  20 6 0 5.418976 0.886940 -1.652015  21 6 0 4.376519 0.954622 -2.540594  22 6 0 3.054291 0.710800 -2.106494  23 6 0 3.632767 0.037461 1.531185  24 6 0 4.684404 -0.018933 2.414030  25 6 0 6.005461 0.217833 1.972003  26 6 0 6.246190 0.510757 0.652399  27 6 0 -1.631622 2.334970 0.456303  28 7 0 -1.172887 3.508312 0.294148  29 6 0 -2.052910 4.627912 0.559312  30 6 0 1.631543 -2.334796 -0.456218  31 7 0 1.172647 -3.508110 -0.294307  32 6 0 2.052566 -4.627742 -0.559539  33 1 0 0.923153 2.269849 -0.260458  34 1 0 -0.923192 -2.269630 0.260491  35 1 0 -2.240718 -0.764525 2.821272  36 1 0 -4.559096 -1.194042 3.582146  37 1 0 -6.436694 -1.072103 1.979201  38 1 0 -2.623024 0.138796 -1.880676  39 1 0 -4.500554 0.242859 -3.458848  40 1 0 -6.825888 -0.171845 -2.679163  41 1 0 -7.257443 -0.699201 -0.307161  42 1 0 6.436756 1.071972 -1.979202  43 1 0 4.559052 1.194619 -3.581994  44 1 0 2.240703 0.765323 -2.821109  45 1 0 2.623156 -0.138762 1.880798  46 1 0 4.500742 -0.243479 3.458732  47 1 0 6.826142 0.170712 2.678928  48 1 0 7.257579 0.698444 0.306944  49 1 0 -2.663887 2.161049 0.785677  50 1 0 -3.063258 4.332382 0.879778  51 1 0 2.663872 -2.160988 -0.785400  52 1 0 3.063034 -4.332290 -0.879710  53 1 0 -1.605493 5.260520 1.332614  54 1 0 -2.132342 5.243787 -0.342173  55 1 0 2.131707 -5.243857 0.341810  56 1 0 1.605245 -5.260111 -1.333098 |
| TM\_NP\_model\_scan\_m\_100\_p\_110 | 1 6 0 -1.345638 0.276355 0.338856  2 6 0 -0.496022 1.337633 0.034912  3 6 0 0.844044 1.144229 -0.321240  4 6 0 1.357069 -0.169928 -0.380159  5 6 0 0.509805 -1.231421 -0.072746  6 6 0 -0.828644 -1.037932 0.289111  7 6 0 2.774140 -0.464944 -0.767540  8 6 0 3.054969 -0.879075 -2.053163  9 6 0 4.373462 -1.188255 -2.455914  10 6 0 5.410546 -1.084503 -1.564490  11 6 0 5.174246 -0.672384 -0.227706  12 6 0 3.838277 -0.358872 0.184992  13 6 0 3.623377 0.037825 1.532412  14 6 0 4.668871 0.127541 2.419736  15 6 0 5.986276 -0.176228 2.008954  16 6 0 6.229577 -0.567767 0.715645  17 6 0 -2.763304 0.577205 0.713703  18 6 0 -3.851751 0.283263 -0.171628  19 6 0 -5.186177 0.610603 0.236566  20 6 0 -5.398335 1.228223 1.495889  21 6 0 -4.339082 1.518880 2.316918  22 6 0 -3.022947 1.193815 1.921139  23 6 0 -3.665076 -0.306140 -1.451281  24 6 0 -4.734367 -0.574782 -2.271681  25 6 0 -6.050066 -0.265319 -1.860164  26 6 0 -6.266699 0.316248 -0.635625  27 6 0 1.689315 2.310771 -0.647308  28 7 0 1.257232 3.502832 -0.571525  29 6 0 2.161225 4.579922 -0.919477  30 6 0 -1.660243 -2.204561 0.649997  31 7 0 -1.236783 -3.397225 0.542193  32 6 0 -2.121531 -4.473460 0.939100  33 1 0 -0.868605 2.354290 0.056524  34 1 0 0.882569 -2.248048 -0.095147  35 1 0 2.245458 -0.963774 -2.769461  36 1 0 4.557386 -1.507562 -3.475544  37 1 0 6.425361 -1.319766 -1.867753  38 1 0 2.616236 0.265741 1.858299  39 1 0 4.483095 0.430340 3.444114  40 1 0 6.802124 -0.102048 2.719151  41 1 0 7.238121 -0.806966 0.394519  42 1 0 -6.412551 1.471273 1.794953  43 1 0 -4.503897 1.996481 3.276143  44 1 0 -2.196337 1.422371 2.584413  45 1 0 -2.660795 -0.539073 -1.781802  46 1 0 -4.568189 -1.022950 -3.244858  47 1 0 -6.885074 -0.482865 -2.516581  48 1 0 -7.273389 0.564929 -0.315882  49 1 0 2.716642 2.090126 -0.964198  50 1 0 3.164437 4.239166 -1.216547  51 1 0 -2.666582 -1.983694 1.027508  52 1 0 -3.104377 -4.131170 1.296248  53 1 0 1.726782 5.162485 -1.738169  54 1 0 2.255323 5.259573 -0.066576  55 1 0 -2.267866 -5.149434 0.090693  56 1 0 -1.640925 -5.060316 1.728431 |
| TM\_NP\_model\_scan\_m\_100\_p\_120 | 1 6 0 1.340653 0.343047 -0.329210  2 6 0 0.471639 1.377931 0.013154  3 6 0 -0.865261 1.150857 0.359396  4 6 0 -1.356975 -0.172468 0.372630  5 6 0 -0.492254 -1.207878 0.027024  6 6 0 0.842668 -0.980600 -0.327370  7 6 0 -2.768832 -0.504241 0.748288  8 6 0 -3.043252 -0.967220 2.018515  9 6 0 -4.356875 -1.310579 2.409417  10 6 0 -5.395435 -1.191209 1.521699  11 6 0 -5.165531 -0.728661 0.200348  12 6 0 -3.834474 -0.380907 -0.200583  13 6 0 -3.625642 0.065964 -1.533183  14 6 0 -4.672562 0.171502 -2.417111  15 6 0 -5.985261 -0.165782 -2.017638  16 6 0 -6.222477 -0.606356 -0.739035  17 6 0 2.760067 0.683048 -0.653891  18 6 0 3.852817 0.243942 0.166375  19 6 0 5.186855 0.628056 -0.191993  20 6 0 5.395861 1.453305 -1.326375  21 6 0 4.332483 1.896947 -2.069960  22 6 0 3.017808 1.515562 -1.726027  23 6 0 3.673370 -0.530570 1.344798  24 6 0 4.747044 -0.929897 2.104056  25 6 0 6.062514 -0.575522 1.730388  26 6 0 6.272779 0.189765 0.610622  27 6 0 -1.728021 2.291346 0.729260  28 7 0 -1.315140 3.492098 0.695451  29 6 0 -2.234831 4.541126 1.085715  30 6 0 1.678561 -2.120165 -0.760413  31 7 0 1.287647 -3.324204 -0.657047  32 6 0 2.167666 -4.369635 -1.138388  33 1 0 0.829044 2.399868 0.038566  34 1 0 -0.849682 -2.230036 0.008230  35 1 0 -2.232527 -1.064329 2.731855  36 1 0 -4.535877 -1.668230 3.417118  37 1 0 -6.406589 -1.452237 1.815992  38 1 0 -2.621983 0.319604 -1.850773  39 1 0 -4.491459 0.512723 -3.430189  40 1 0 -6.802299 -0.078475 -2.724973  41 1 0 -7.227344 -0.871529 -0.426913  42 1 0 6.410179 1.736097 -1.587640  43 1 0 4.493130 2.538563 -2.928941  44 1 0 2.189028 1.863834 -2.331984  45 1 0 2.671270 -0.799981 1.652160  46 1 0 4.583681 -1.516978 3.000812  47 1 0 6.901162 -0.900656 2.335701  48 1 0 7.278311 0.480486 0.324550  49 1 0 -2.750580 2.043177 1.041224  50 1 0 -3.231223 4.173443 1.373390  51 1 0 2.654722 -1.868839 -1.193985  52 1 0 3.117678 -3.995686 -1.548553  53 1 0 -1.806577 5.100113 1.923878  54 1 0 -2.343175 5.250016 0.258713  55 1 0 2.383265 -5.063131 -0.319432  56 1 0 1.649677 -4.947322 -1.910667 |
| TM\_NP\_model\_scan\_m\_100\_p\_130 | 1 6 0 1.336598 0.392984 -0.320647  2 6 0 0.451294 1.411041 0.035912  3 6 0 -0.883613 1.164268 0.373741  4 6 0 -1.358472 -0.165063 0.375186  5 6 0 -0.479633 -1.184658 0.018799  6 6 0 0.851919 -0.936826 -0.333717  7 6 0 -2.766426 -0.518874 0.744437  8 6 0 -3.037899 -0.996005 2.010065  9 6 0 -4.347844 -1.360118 2.394469  10 6 0 -5.385491 -1.247634 1.504763  11 6 0 -5.158247 -0.771607 0.187754  12 6 0 -3.830958 -0.402606 -0.206601  13 6 0 -3.624426 0.057140 -1.535210  14 6 0 -4.670138 0.154869 -2.421464  15 6 0 -5.979241 -0.203307 -2.028396  16 6 0 -6.214066 -0.656672 -0.753841  17 6 0 2.758552 0.757832 -0.598675  18 6 0 3.856806 0.210235 0.150285  19 6 0 5.189941 0.637005 -0.163540  20 6 0 5.394603 1.619290 -1.165329  21 6 0 4.326570 2.180350 -1.817035  22 6 0 3.014783 1.754873 -1.522640  23 6 0 3.688430 -0.701006 1.229025  24 6 0 4.767909 -1.197764 1.919348  25 6 0 6.081924 -0.811767 1.573873  26 6 0 6.282773 0.090143 0.559517  27 6 0 -1.761191 2.290691 0.752283  28 7 0 -1.364271 3.496995 0.726967  29 6 0 -2.297741 4.531031 1.124642  30 6 0 1.684940 -2.059999 -0.814931  31 7 0 1.324952 -3.271591 -0.691711  32 6 0 2.192722 -4.298258 -1.232328  33 1 0 0.796092 2.436274 0.085129  34 1 0 -0.824570 -2.210680 -0.015492  35 1 0 -2.227832 -1.087977 2.724825  36 1 0 -4.524786 -1.728183 3.398773  37 1 0 -6.393834 -1.524613 1.794082  38 1 0 -2.623410 0.326710 -1.848030  39 1 0 -4.490792 0.505931 -3.431488  40 1 0 -6.795338 -0.121964 -2.737528  41 1 0 -7.216093 -0.937980 -0.446757  42 1 0 6.408540 1.930999 -1.392918  43 1 0 4.481956 2.947401 -2.567207  44 1 0 2.184265 2.193137 -2.064231  45 1 0 2.689997 -0.997356 1.521040  46 1 0 4.609209 -1.885933 2.742011  47 1 0 6.925514 -1.216719 2.121368  48 1 0 7.286131 0.412652 0.301277  49 1 0 -2.780462 2.026835 1.062135  50 1 0 -3.289119 4.148065 1.409614  51 1 0 2.627017 -1.787805 -1.307284  52 1 0 3.105634 -3.904540 -1.703630  53 1 0 -1.876968 5.089698 1.966787  54 1 0 -2.415590 5.244243 0.302660  55 1 0 2.476490 -4.987356 -0.430629  56 1 0 1.636927 -4.886188 -1.969769 |
| TM\_NP\_model\_scan\_m\_100\_p\_140 | 1 6 0 1.335951 0.425153 -0.340670  2 6 0 0.438144 1.435969 0.012013  3 6 0 -0.894361 1.181675 0.350704  4 6 0 -1.357343 -0.151501 0.370369  5 6 0 -0.469285 -1.165183 0.021281  6 6 0 0.858769 -0.908913 -0.337880  7 6 0 -2.759950 -0.514889 0.749715  8 6 0 -3.021018 -0.979641 2.022137  9 6 0 -4.325564 -1.352186 2.416726  10 6 0 -5.368189 -1.260618 1.530436  11 6 0 -5.151538 -0.797908 0.206914  12 6 0 -3.829800 -0.420264 -0.197726  13 6 0 -3.633670 0.025889 -1.532503  14 6 0 -4.684196 0.102766 -2.415133  15 6 0 -5.987865 -0.263928 -2.012020  16 6 0 -6.212558 -0.704639 -0.731208  17 6 0 2.763709 0.802468 -0.568164  18 6 0 3.859620 0.180955 0.130551  19 6 0 5.195107 0.638657 -0.129790  20 6 0 5.406247 1.732966 -1.005317  21 6 0 4.340383 2.376485 -1.579390  22 6 0 3.029048 1.917792 -1.345476  23 6 0 3.692001 -0.823409 1.123876  24 6 0 4.769943 -1.388994 1.761694  25 6 0 6.085705 -0.982833 1.449209  26 6 0 6.287236 0.015795 0.530713  27 6 0 -1.780529 2.305121 0.718504  28 7 0 -1.394731 3.514507 0.675822  29 6 0 -2.335871 4.545278 1.063761  30 6 0 1.681212 -2.027973 -0.848862  31 7 0 1.339886 -3.242224 -0.703189  32 6 0 2.188940 -4.263175 -1.282902  33 1 0 0.772625 2.464066 0.065454  34 1 0 -0.804882 -2.194492 -0.005992  35 1 0 -2.206923 -1.055130 2.734249  36 1 0 -4.494354 -1.710030 3.426112  37 1 0 -6.372428 -1.544173 1.827547  38 1 0 -2.636779 0.301745 -1.852935  39 1 0 -4.512808 0.443766 -3.429968  40 1 0 -6.807833 -0.199153 -2.718386  41 1 0 -7.210356 -0.992329 -0.416372  42 1 0 6.421795 2.065907 -1.191668  43 1 0 4.497331 3.233672 -2.224199  44 1 0 2.204558 2.420395 -1.837811  45 1 0 2.694927 -1.137541 1.398601  46 1 0 4.606956 -2.146931 2.519638  47 1 0 6.928506 -1.444625 1.950974  48 1 0 7.290769 0.361684 0.305597  49 1 0 -2.796197 2.036122 1.035671  50 1 0 -3.322680 4.157234 1.357534  51 1 0 2.594817 -1.748072 -1.388488  52 1 0 3.070100 -3.863086 -1.806411  53 1 0 -1.916964 5.118534 1.896973  54 1 0 -2.463297 5.246677 0.233082  55 1 0 2.524509 -4.942190 -0.492645  56 1 0 1.600846 -4.863511 -1.984361 |
| TM\_NP\_model\_scan\_m\_100\_p\_150 | 1 6 0 1.337101 0.445491 -0.371334  2 6 0 0.427695 1.453737 -0.033079  3 6 0 -0.901949 1.198621 0.312687  4 6 0 -1.355691 -0.136483 0.367839  5 6 0 -0.459889 -1.149351 0.039167  6 6 0 0.864831 -0.891524 -0.331054  7 6 0 -2.753553 -0.501251 0.762073  8 6 0 -3.006073 -0.936380 2.046653  9 6 0 -4.306423 -1.307907 2.455806  10 6 0 -5.353473 -1.244453 1.572230  11 6 0 -5.145680 -0.812110 0.237096  12 6 0 -3.828227 -0.435792 -0.182368  13 6 0 -3.640878 -0.019709 -1.528071  14 6 0 -4.695831 0.030174 -2.407339  15 6 0 -5.995296 -0.335304 -1.989794  16 6 0 -6.211453 -0.747483 -0.698064  17 6 0 2.770848 0.831804 -0.551116  18 6 0 3.864269 0.156723 0.107633  19 6 0 5.202317 0.634188 -0.106065  20 6 0 5.420079 1.808875 -0.867148  21 6 0 4.355825 2.515409 -1.364411  22 6 0 3.045130 2.034258 -1.185763  23 6 0 3.697231 -0.909428 1.035062  24 6 0 4.773188 -1.522560 1.631105  25 6 0 6.090879 -1.107221 1.341517  26 6 0 6.293547 -0.043183 0.500634  27 6 0 -1.793392 2.325014 0.658821  28 7 0 -1.415709 3.535495 0.586044  29 6 0 -2.361276 4.569095 0.955354  30 6 0 1.671777 -2.015049 -0.860272  31 7 0 1.336288 -3.228574 -0.697603  32 6 0 2.163219 -4.251948 -1.304360  33 1 0 0.751004 2.485186 0.011980  34 1 0 -0.787016 -2.181705 0.032308  35 1 0 -2.188462 -0.989273 2.756775  36 1 0 -4.468521 -1.642443 3.474239  37 1 0 -6.354509 -1.527308 1.880599  38 1 0 -2.647256 0.255056 -1.859382  39 1 0 -4.531199 0.348819 -3.430517  40 1 0 -6.818820 -0.292078 -2.693665  41 1 0 -7.205990 -1.033941 -0.371989  42 1 0 6.437171 2.154459 -1.018437  43 1 0 4.513432 3.438941 -1.909705  44 1 0 2.228034 2.587433 -1.633474  45 1 0 2.701543 -1.232028 1.301582  46 1 0 4.605583 -2.324899 2.340794  47 1 0 6.932431 -1.609160 1.805337  48 1 0 7.297305 0.318081 0.302380  49 1 0 -2.805645 2.056953 0.987460  50 1 0 -3.344094 4.181775 1.263040  51 1 0 2.564698 -1.737095 -1.434591  52 1 0 3.023698 -3.854026 -1.862768  53 1 0 -1.941761 5.163663 1.773179  54 1 0 -2.497332 5.250590 0.109625  55 1 0 2.529163 -4.927088 -0.524301  56 1 0 1.549384 -4.855872 -1.980204 |
| TM\_NP\_model\_scan\_m\_100\_p\_160 | 1 6 0 1.341131 0.467095 -0.406597  2 6 0 0.417169 1.473271 -0.092862  3 6 0 -0.909832 1.219119 0.260675  4 6 0 -1.353635 -0.116252 0.361885  5 6 0 -0.449554 -1.128732 0.059242  6 6 0 0.871789 -0.871219 -0.322833  7 6 0 -2.745429 -0.480216 0.776727  8 6 0 -2.985441 -0.876389 2.076257  9 6 0 -4.279825 -1.245112 2.506280  10 6 0 -5.333564 -1.217521 1.628806  11 6 0 -5.138724 -0.825443 0.279381  12 6 0 -3.827356 -0.452109 -0.161263  13 6 0 -3.653013 -0.076081 -1.520430  14 6 0 -4.714683 -0.061176 -2.392869  15 6 0 -6.008125 -0.423876 -1.954689  16 6 0 -6.211683 -0.797886 -0.649371  17 6 0 2.781129 0.862192 -0.533987  18 6 0 3.870367 0.137787 0.087133  19 6 0 5.212720 0.623591 -0.083480  20 6 0 5.440569 1.862558 -0.729675  21 6 0 4.379457 2.623733 -1.145113  22 6 0 3.067835 2.130352 -1.021948  23 6 0 3.700684 -0.977082 0.955463  24 6 0 4.772577 -1.635147 1.509853  25 6 0 6.093494 -1.221119 1.235736  26 6 0 6.300899 -0.104715 0.467684  27 6 0 -1.807615 2.349758 0.575961  28 7 0 -1.438736 3.560140 0.466199  29 6 0 -2.390342 4.597686 0.808017  30 6 0 1.661067 -2.002859 -0.865700  31 7 0 1.325663 -3.214315 -0.689387  32 6 0 2.129494 -4.242922 -1.317944  33 1 0 0.724596 2.509359 -0.064171  34 1 0 -0.767264 -2.163860 0.078121  35 1 0 -2.162422 -0.900665 2.781683  36 1 0 -4.432024 -1.548927 3.535805  37 1 0 -6.330077 -1.498430 1.953177  38 1 0 -2.664082 0.196295 -1.867407  39 1 0 -4.560028 0.227498 -3.426438  40 1 0 -6.837012 -0.408671 -2.653403  41 1 0 -7.201521 -1.081874 -0.307236  42 1 0 6.460067 2.213467 -0.848615  43 1 0 4.539563 3.599995 -1.588156  44 1 0 2.262682 2.730904 -1.426540  45 1 0 2.705531 -1.300067 1.219884  46 1 0 4.597768 -2.471689 2.177037  47 1 0 6.932137 -1.760686 1.660890  48 1 0 7.306188 0.264078 0.292437  49 1 0 -2.816905 2.084466 0.915704  50 1 0 -3.369216 4.212750 1.130819  51 1 0 2.536770 -1.730581 -1.468641  52 1 0 2.973429 -3.850064 -1.904475  53 1 0 -1.972309 5.219330 1.606226  54 1 0 -2.534339 5.252600 -0.057168  55 1 0 2.517750 -4.916457 -0.547288  56 1 0 1.492865 -4.847262 -1.971964 |
| TM\_NP\_model\_scan\_m\_110\_m\_0 | 1 6 0 1.453626 0.523571 0.059050  2 6 0 0.759806 -0.646240 -0.301018  3 6 0 -0.621050 -0.719998 -0.503118  4 6 0 -1.390793 0.456665 -0.438178  5 6 0 -0.721938 1.644130 -0.153469  6 6 0 0.653693 1.707929 0.083153  7 6 0 -2.865855 0.489776 -0.675732  8 6 0 -3.347552 1.091992 -1.820884  9 6 0 -4.731776 1.160558 -2.091811  10 6 0 -5.635453 0.627044 -1.208785  11 6 0 -5.194772 0.011991 -0.008825  12 6 0 -3.791199 -0.056845 0.272871  13 6 0 -3.378411 -0.649908 1.496574  14 6 0 -4.296296 -1.162038 2.381985  15 6 0 -5.678468 -1.106977 2.094494  16 6 0 -6.113829 -0.530438 0.927123  17 6 0 2.940417 0.526724 -0.138030  18 6 0 3.765268 -0.640542 0.137525  19 6 0 5.173508 -0.577681 -0.142919  20 6 0 5.768087 0.653408 -0.515643  21 6 0 5.008407 1.790110 -0.560470  22 6 0 3.617918 1.721803 -0.342663  23 6 0 3.300296 -1.834191 0.759209  24 6 0 4.122128 -2.918237 0.963815  25 6 0 5.472789 -2.886301 0.562697  26 6 0 5.985673 -1.728129 0.037670  27 6 0 -1.227417 -2.016570 -0.870952  28 7 0 -0.579166 -3.107229 -0.812821  29 6 0 -1.253558 -4.324245 -1.217260  30 6 0 1.152035 3.004020 0.607224  31 7 0 0.623765 4.116358 0.297135  32 6 0 1.119101 5.311662 0.950726  33 1 0 1.298648 -1.554629 -0.516829  34 1 0 -1.278397 2.569527 -0.075706  35 1 0 -2.644084 1.509900 -2.532132  36 1 0 -5.072384 1.634533 -3.005384  37 1 0 -6.700136 0.672369 -1.412589  38 1 0 -2.322472 -0.689881 1.732342  39 1 0 -3.958890 -1.607991 3.310860  40 1 0 -6.392285 -1.515554 2.800887  41 1 0 -7.174220 -0.476687 0.703188  42 1 0 6.832644 0.682575 -0.721843  43 1 0 5.459002 2.748408 -0.792220  44 1 0 3.057149 2.628020 -0.515727  45 1 0 2.286024 -1.892462 1.122154  46 1 0 3.724559 -3.801463 1.450833  47 1 0 6.105187 -3.755187 0.705012  48 1 0 7.037191 -1.658568 -0.220802  49 1 0 -2.272703 -1.985303 -1.203912  50 1 0 -2.294914 -4.168658 -1.536341  51 1 0 1.970950 2.941753 1.337420  52 1 0 1.940989 5.122884 1.658334  53 1 0 -0.696032 -4.787644 -2.037394  54 1 0 -1.239541 -5.036167 -0.385941  55 1 0 1.459062 6.023618 0.192072  56 1 0 0.296151 5.794446 1.487353 |
| TM\_NP\_model\_scan\_m\_110\_m\_10 | 1 6 0 1.451346 0.494642 -0.024439  2 6 0 0.744692 -0.660680 -0.398511  3 6 0 -0.640303 -0.708511 -0.575933  4 6 0 -1.393227 0.475740 -0.446199  5 6 0 -0.707841 1.645645 -0.130284  6 6 0 0.674684 1.686031 0.072968  7 6 0 -2.873504 0.531868 -0.646604  8 6 0 -3.376819 1.182076 -1.755583  9 6 0 -4.766485 1.272638 -1.990196  10 6 0 -5.653815 0.711291 -1.107821  11 6 0 -5.190300 0.045661 0.055974  12 6 0 -3.781191 -0.043792 0.301826  13 6 0 -3.344908 -0.687314 1.491387  14 6 0 -4.245942 -1.229064 2.376484  15 6 0 -5.633863 -1.154455 2.123109  16 6 0 -6.091637 -0.528339 0.990371  17 6 0 2.935743 0.489960 -0.211295  18 6 0 3.756973 -0.651757 0.145711  19 6 0 5.170342 -0.597056 -0.104970  20 6 0 5.760738 0.605197 -0.568300  21 6 0 4.991602 1.724272 -0.740713  22 6 0 3.598595 1.665038 -0.537160  23 6 0 3.270561 -1.813486 0.808705  24 6 0 4.090090 -2.878070 1.102701  25 6 0 5.456616 -2.853695 0.755998  26 6 0 5.982438 -1.726646 0.178166  27 6 0 -1.273583 -1.982391 -0.976623  28 7 0 -0.638560 -3.082279 -0.977881  29 6 0 -1.340232 -4.274704 -1.408265  30 6 0 1.223129 2.954159 0.611536  31 7 0 0.677470 4.080223 0.394319  32 6 0 1.238271 5.246540 1.046993  33 1 0 1.275781 -1.569629 -0.637518  34 1 0 -1.253516 2.571992 -0.002444  35 1 0 -2.686765 1.621654 -2.466936  36 1 0 -5.124263 1.785101 -2.876014  37 1 0 -6.722551 0.772599 -1.284379  38 1 0 -2.284191 -0.742445 1.701208  39 1 0 -3.890622 -1.713703 3.278916  40 1 0 -6.334256 -1.587094 2.828612  41 1 0 -7.156459 -0.459101 0.793314  42 1 0 6.829557 0.628650 -0.752222  43 1 0 5.439596 2.658959 -1.058215  44 1 0 3.023954 2.544483 -0.791340  45 1 0 2.238789 -1.859353 1.122604  46 1 0 3.679682 -3.740134 1.616295  47 1 0 6.088908 -3.706819 0.974220  48 1 0 7.041461 -1.667974 -0.050702  49 1 0 -2.326682 -1.925434 -1.280109  50 1 0 -2.387227 -4.093892 -1.694027  51 1 0 2.104719 2.858851 1.259995  52 1 0 2.116167 5.026156 1.673485  53 1 0 -0.810602 -4.715520 -2.258777  54 1 0 -1.314812 -5.016510 -0.603754  55 1 0 1.518849 5.984470 0.288764  56 1 0 0.469095 5.714295 1.669776 |
| TM\_NP\_model\_scan\_m\_110\_m\_20 | 1 6 0 1.448217 0.469357 -0.106175  2 6 0 0.729914 -0.671923 -0.492445  3 6 0 -0.658563 -0.696917 -0.644664  4 6 0 -1.394648 0.491339 -0.453767  5 6 0 -0.693409 1.643572 -0.109052  6 6 0 0.694564 1.663499 0.062342  7 6 0 -2.878879 0.567861 -0.617947  8 6 0 -3.401311 1.262458 -1.690564  9 6 0 -4.795088 1.374179 -1.889090  10 6 0 -5.667404 0.788673 -1.007398  11 6 0 -5.183633 0.076915 0.120255  12 6 0 -3.770189 -0.033070 0.330164  13 6 0 -3.312949 -0.722488 1.485705  14 6 0 -4.198561 -1.289249 2.370665  15 6 0 -5.591143 -1.194958 2.151552  16 6 0 -6.068799 -0.523857 1.053333  17 6 0 2.932592 0.456254 -0.271565  18 6 0 3.746525 -0.659572 0.158565  19 6 0 5.163443 -0.614710 -0.068748  20 6 0 5.753689 0.551976 -0.616168  21 6 0 4.981141 1.646536 -0.900828  22 6 0 3.585935 1.598905 -0.708401  23 6 0 3.239374 -1.787418 0.862048  24 6 0 4.053237 -2.830143 1.237304  25 6 0 5.431304 -2.813092 0.935969  26 6 0 5.971005 -1.720274 0.306916  27 6 0 -1.317003 -1.948437 -1.074395  28 7 0 -0.693579 -3.053018 -1.138503  29 6 0 -1.420398 -4.221801 -1.591097  30 6 0 1.287874 2.907190 0.606784  31 7 0 0.731970 4.041311 0.472133  32 6 0 1.349825 5.183774 1.115183  33 1 0 1.252997 -1.581220 -0.752274  34 1 0 -1.228254 2.568746 0.065120  35 1 0 -2.723597 1.721350 -2.401599  36 1 0 -5.168071 1.921953 -2.747083  37 1 0 -6.739259 0.865630 -1.156803  38 1 0 -2.248337 -0.792565 1.669747  39 1 0 -3.827427 -1.808913 3.246866  40 1 0 -6.279185 -1.647953 2.856438  41 1 0 -7.137127 -0.439009 0.883217  42 1 0 6.825485 0.568643 -0.782940  43 1 0 5.430451 2.550900 -1.295116  44 1 0 3.002693 2.452130 -1.028250  45 1 0 2.194607 -1.821506 1.133726  46 1 0 3.630900 -3.669484 1.778172  47 1 0 6.060229 -3.648158 1.223050  48 1 0 7.035583 -1.672923 0.102463  49 1 0 -2.378204 -1.870033 -1.342594  50 1 0 -2.474123 -4.021349 -1.836228  51 1 0 2.218475 2.787920 1.177396  52 1 0 2.275195 4.940795 1.659473  53 1 0 -0.922260 -4.634663 -2.474058  54 1 0 -1.376878 -4.993954 -0.816445  55 1 0 1.570869 5.946038 0.361312  56 1 0 0.636514 5.632117 1.814119 |
| TM\_NP\_model\_scan\_m\_110\_m\_30 | 1 6 0 1.445256 0.448048 -0.188482  2 6 0 0.715781 -0.679721 -0.585092  3 6 0 -0.675647 -0.684987 -0.711113  4 6 0 -1.395013 0.504207 -0.462518  5 6 0 -0.678412 1.638873 -0.092041  6 6 0 0.713943 1.641165 0.047528  7 6 0 -2.882162 0.598455 -0.590794  8 6 0 -3.422033 1.333676 -1.626991  9 6 0 -4.818838 1.465171 -1.789313  10 6 0 -5.676678 0.858855 -0.907566  11 6 0 -5.174375 0.105362 0.184365  12 6 0 -3.757682 -0.024857 0.357555  13 6 0 -3.281183 -0.756373 1.478923  14 6 0 -4.152096 -1.343879 2.364973  15 6 0 -5.548284 -1.229436 2.181384  16 6 0 -6.044097 -0.517701 1.117286  17 6 0 2.930356 0.423580 -0.331588  18 6 0 3.733335 -0.662404 0.175111  19 6 0 5.152676 -0.633471 -0.035071  20 6 0 5.747046 0.485203 -0.671523  21 6 0 4.976671 1.548176 -1.064657  22 6 0 3.579681 1.518268 -0.879249  23 6 0 3.205027 -1.746193 0.929384  24 6 0 4.009731 -2.761933 1.388162  25 6 0 5.396088 -2.757265 1.123621  26 6 0 5.951418 -1.709051 0.434532  27 6 0 -1.357398 -1.914497 -1.167223  28 7 0 -0.744291 -3.018973 -1.297782  29 6 0 -1.494151 -4.164593 -1.771243  30 6 0 1.348107 2.862528 0.593358  31 7 0 0.784096 3.999714 0.543376  32 6 0 1.453315 5.119985 1.173701  33 1 0 1.230614 -1.588868 -0.865119  34 1 0 -1.202222 2.561191 0.125686  35 1 0 -2.756227 1.809908 -2.337876  36 1 0 -5.205645 2.045028 -2.619668  37 1 0 -6.750841 0.950813 -1.029380  38 1 0 -2.213428 -0.841997 1.636286  39 1 0 -3.766409 -1.895597 3.214914  40 1 0 -6.224547 -1.699235 2.886673  41 1 0 -7.115102 -0.417175 0.974841  42 1 0 6.820826 0.490528 -0.826045  43 1 0 5.430788 2.412482 -1.535841  44 1 0 2.992435 2.343518 -1.262003  45 1 0 2.150614 -1.765264 1.165426  46 1 0 3.575235 -3.570638 1.964920  47 1 0 6.018410 -3.569906 1.480932  48 1 0 7.020134 -1.676856 0.249637  49 1 0 -2.426448 -1.819168 -1.395514  50 1 0 -2.555052 -3.949835 -1.968679  51 1 0 2.321499 2.725488 1.081872  52 1 0 2.420517 4.859889 1.630235  53 1 0 -1.031186 -4.542208 -2.688490  54 1 0 -1.426432 -4.968745 -1.031687  55 1 0 1.611190 5.909526 0.432148  56 1 0 0.800348 5.540790 1.945057 |
| TM\_NP\_model\_scan\_m\_110\_m\_40 | 1 6 0 1.442969 0.429420 -0.270644  2 6 0 0.702726 -0.685598 -0.675925  3 6 0 -0.691183 -0.674739 -0.774656  4 6 0 -1.394460 0.513069 -0.473955  5 6 0 -0.663379 1.630608 -0.080586  6 6 0 0.732194 1.617860 0.028769  7 6 0 -2.883493 0.622596 -0.568363  8 6 0 -3.437879 1.393907 -1.570068  9 6 0 -4.836357 1.544170 -1.697959  10 6 0 -5.681324 0.921699 -0.815117  11 6 0 -5.163508 0.132250 0.243690  12 6 0 -3.744861 -0.018301 0.381143  13 6 0 -3.252086 -0.786352 1.470625  14 6 0 -4.109859 -1.388225 2.359827  15 6 0 -5.508374 -1.252897 2.211374  16 6 0 -6.019446 -0.506696 1.178557  17 6 0 2.929471 0.391279 -0.392557  18 6 0 3.719524 -0.658197 0.194825  19 6 0 5.140341 -0.650870 -0.003817  20 6 0 5.741689 0.406088 -0.732939  21 6 0 4.976995 1.428708 -1.231962  22 6 0 3.578741 1.421683 -1.050851  23 6 0 3.170954 -1.687081 1.008573  24 6 0 3.964307 -2.670052 1.550282  25 6 0 5.356217 -2.682745 1.313565  26 6 0 5.927595 -1.689629 0.558592  27 6 0 -1.394524 -1.884135 -1.251005  28 7 0 -0.792619 -2.986333 -1.439970  29 6 0 -1.564373 -4.110850 -1.928421  30 6 0 1.402434 2.819408 0.572868  31 7 0 0.831851 3.953859 0.611794  32 6 0 1.547524 5.055539 1.223086  33 1 0 1.209218 -1.593987 -0.975531  34 1 0 -1.176145 2.548891 0.177036  35 1 0 -2.782563 1.884312 -2.281056  36 1 0 -5.234766 2.151942 -2.502473  37 1 0 -6.756814 1.028375 -0.910344  38 1 0 -2.182151 -0.888315 1.601289  39 1 0 -3.711890 -1.967566 3.185389  40 1 0 -6.174142 -1.734204 2.918885  41 1 0 -7.092091 -0.390172 1.063263  42 1 0 6.816676 0.395906 -0.878799  43 1 0 5.437721 2.242546 -1.780332  44 1 0 2.990953 2.215301 -1.496481  45 1 0 2.109729 -1.688609 1.215939  46 1 0 3.517927 -3.439732 2.169814  47 1 0 5.969857 -3.468273 1.739924  48 1 0 6.999072 -1.676048 0.387949  49 1 0 -2.469660 -1.775491 -1.441543  50 1 0 -2.630216 -3.884696 -2.081594  51 1 0 2.413585 2.671499 0.972601  52 1 0 2.549316 4.785276 1.590267  53 1 0 -1.134887 -4.456684 -2.874078  54 1 0 -1.475684 -4.941698 -1.221315  55 1 0 1.642529 5.870198 0.498125  56 1 0 0.958363 5.447050 2.058579 |
| TM\_NP\_model\_scan\_m\_110\_m\_50 | 1 6 0 1.442111 0.414136 -0.357005  2 6 0 0.689559 -0.687405 -0.770620  3 6 0 -0.706239 -0.661943 -0.840654  4 6 0 -1.392554 0.522845 -0.489872  5 6 0 -0.645946 1.623147 -0.077953  6 6 0 0.752051 1.596465 0.000011  7 6 0 -2.882715 0.645696 -0.547937  8 6 0 -3.452633 1.449701 -1.514607  9 6 0 -4.852130 1.616080 -1.605862  10 6 0 -5.682413 0.978226 -0.720149  11 6 0 -5.147912 0.156333 0.305169  12 6 0 -3.728014 -0.011948 0.404525  13 6 0 -3.217691 -0.813056 1.461666  14 6 0 -4.060371 -1.428226 2.356162  15 6 0 -5.460487 -1.274452 2.245382  16 6 0 -5.988045 -0.497366 1.244105  17 6 0 2.930215 0.355677 -0.461042  18 6 0 3.701284 -0.647923 0.217706  19 6 0 5.123006 -0.674760 0.030172  20 6 0 5.738711 0.300248 -0.795225  21 6 0 4.986988 1.272792 -1.403222  22 6 0 3.587535 1.299598 -1.229312  23 6 0 3.127581 -1.602348 1.101376  24 6 0 3.902595 -2.545462 1.732578  25 6 0 5.298220 -2.588068 1.519633  26 6 0 5.891254 -1.668859 0.690952  27 6 0 -1.431120 -1.851520 -1.334013  28 7 0 -0.842454 -2.950559 -1.575991  29 6 0 -1.635902 -4.054311 -2.076827  30 6 0 1.455376 2.780462 0.538511  31 7 0 0.881047 3.906008 0.670661  32 6 0 1.637825 4.993102 1.257468  33 1 0 1.186180 -1.594882 -1.090511  34 1 0 -1.146350 2.537045 0.217030  35 1 0 -2.809131 1.953500 -2.227008  36 1 0 -5.263108 2.249111 -2.384154  37 1 0 -6.758706 1.097623 -0.787012  38 1 0 -2.146097 -0.929629 1.563395  39 1 0 -3.649101 -2.032510 3.156960  40 1 0 -6.114278 -1.766343 2.956767  41 1 0 -7.061804 -0.366781 1.157912  42 1 0 6.814492 0.266262 -0.931583  43 1 0 5.459657 2.020363 -2.030174  44 1 0 3.006670 2.055077 -1.745847  45 1 0 2.061490 -1.577737 1.283668  46 1 0 3.439925 -3.260628 2.403372  47 1 0 5.897638 -3.340857 2.019063  48 1 0 6.964635 -1.683304 0.532684  49 1 0 -2.510629 -1.730644 -1.489153  50 1 0 -2.704319 -3.817246 -2.190694  51 1 0 2.498394 2.628748 0.843030  52 1 0 2.670747 4.722588 1.524256  53 1 0 -1.237124 -4.371812 -3.045608  54 1 0 -1.531671 -4.908134 -1.399863  55 1 0 1.660228 5.834985 0.558191  56 1 0 1.121254 5.345895 2.155879 |
| TM\_NP\_model\_scan\_m\_110\_m\_60 | 1 6 0 1.441638 0.396186 -0.458217  2 6 0 0.670651 -0.687882 -0.879360  3 6 0 -0.726277 -0.644113 -0.917553  4 6 0 -1.389980 0.537947 -0.516234  5 6 0 -0.622272 1.619777 -0.094502  6 6 0 0.777275 1.575757 -0.052793  7 6 0 -2.880276 0.674388 -0.527979  8 6 0 -3.471887 1.507396 -1.456193  9 6 0 -4.872028 1.686861 -1.501061  10 6 0 -5.680833 1.033257 -0.607026  11 6 0 -5.123038 0.181635 0.380932  12 6 0 -3.702298 -0.000504 0.432935  13 6 0 -3.167571 -0.832229 1.453788  14 6 0 -3.988209 -1.462402 2.358221  15 6 0 -5.389589 -1.294160 2.294178  16 6 0 -5.940168 -0.488274 1.328715  17 6 0 2.930812 0.303868 -0.547776  18 6 0 3.672709 -0.635998 0.241538  19 6 0 5.094731 -0.712761 0.074834  20 6 0 5.736209 0.147926 -0.851819  21 6 0 5.008785 1.054914 -1.579623  22 6 0 3.608276 1.131484 -1.422691  23 6 0 3.064709 -1.482664 1.207752  24 6 0 3.811104 -2.368367 1.947137  25 6 0 5.209199 -2.456491 1.764600  26 6 0 5.833242 -1.643737 0.851459  27 6 0 -1.477239 -1.811631 -1.424161  28 7 0 -0.907064 -2.908231 -1.716420  29 6 0 -1.726102 -3.988970 -2.226120  30 6 0 1.516802 2.741760 0.474318  31 7 0 0.948375 3.853607 0.708591  32 6 0 1.749305 4.925516 1.263619  33 1 0 1.151706 -1.596272 -1.220689  34 1 0 -1.105274 2.531032 0.235702  35 1 0 -2.845670 2.024142 -2.174697  36 1 0 -5.300819 2.342786 -2.250242  37 1 0 -6.757575 1.162813 -0.638388  38 1 0 -2.094537 -0.960527 1.519480  39 1 0 -3.558327 -2.090051 3.130780  40 1 0 -6.025937 -1.797997 3.012974  41 1 0 -7.014826 -0.346705 1.278562  42 1 0 6.812218 0.078316 -0.971972  43 1 0 5.501832 1.712689 -2.286459  44 1 0 3.045900 1.838429 -2.022437  45 1 0 1.995298 -1.421767 1.361781  46 1 0 3.324600 -3.003521 2.678833  47 1 0 5.785980 -3.162408 2.351506  48 1 0 6.907997 -1.697590 0.712036  49 1 0 -2.559516 -1.676028 -1.543940  50 1 0 -2.794816 -3.738378 -2.302048  51 1 0 2.585384 2.590038 0.670797  52 1 0 2.806144 4.658214 1.414682  53 1 0 -1.358591 -4.281490 -3.214947  54 1 0 -1.611343 -4.863422 -1.577794  55 1 0 1.693635 5.796244 0.602573  56 1 0 1.321267 5.232899 2.223206 |
| TM\_NP\_model\_scan\_m\_110\_m\_70 | 1 6 0 1.436870 0.343434 -0.541009  2 6 0 0.642971 -0.725966 -0.952524  3 6 0 -0.754238 -0.659250 -0.960604  4 6 0 -1.389934 0.529660 -0.534698  5 6 0 -0.596909 1.595369 -0.118148  6 6 0 0.802215 1.527942 -0.107569  7 6 0 -2.877847 0.691121 -0.516122  8 6 0 -3.472363 1.543580 -1.424670  9 6 0 -4.869591 1.748619 -1.440346  10 6 0 -5.672352 1.101735 -0.536056  11 6 0 -5.110736 0.231538 0.433365  12 6 0 -3.692828 0.022944 0.455327  13 6 0 -3.153229 -0.826916 1.458459  14 6 0 -3.967046 -1.449160 2.374456  15 6 0 -5.366075 -1.254581 2.340133  16 6 0 -5.920924 -0.431019 1.392193  17 6 0 2.925640 0.220235 -0.634862  18 6 0 3.662581 -0.611419 0.269182  19 6 0 5.082051 -0.727453 0.105146  20 6 0 5.723081 -0.015215 -0.940494  21 6 0 4.997378 0.782630 -1.788028  22 6 0 3.598866 0.898067 -1.631716  23 6 0 3.048862 -1.316820 1.339549  24 6 0 3.790277 -2.102297 2.188901  25 6 0 5.187389 -2.224945 2.016857  26 6 0 5.815337 -1.550490 0.999402  27 6 0 -1.534919 -1.810545 -1.459151  28 7 0 -0.989092 -2.913576 -1.772975  29 6 0 -1.837042 -3.977461 -2.270577  30 6 0 1.579918 2.680299 0.392357  31 7 0 1.033792 3.788262 0.689161  32 6 0 1.877664 4.849701 1.198734  33 1 0 1.103864 -1.640921 -1.304226  34 1 0 -1.058350 2.511762 0.228401  35 1 0 -2.851060 2.055710 -2.150714  36 1 0 -5.301012 2.419003 -2.175086  37 1 0 -6.746942 1.251128 -0.544761  38 1 0 -2.081661 -0.975689 1.500998  39 1 0 -3.533456 -2.090979 3.133172  40 1 0 -5.997086 -1.752277 3.067849  41 1 0 -6.993553 -0.269201 1.364952  42 1 0 6.797407 -0.111988 -1.057167  43 1 0 5.490438 1.324742 -2.587055  44 1 0 3.036620 1.521293 -2.318256  45 1 0 1.979251 -1.228822 1.481204  46 1 0 3.301290 -2.632074 2.998709  47 1 0 5.760307 -2.850011 2.692538  48 1 0 6.888682 -1.635188 0.864400  49 1 0 -2.617413 -1.657260 -1.552831  50 1 0 -2.902944 -3.709001 -2.320868  51 1 0 2.659938 2.522821 0.505353  52 1 0 2.941339 4.576354 1.269388  53 1 0 -1.496679 -4.269877 -3.269091  54 1 0 -1.722223 -4.857597 -1.629994  55 1 0 1.778503 5.729045 0.554366  56 1 0 1.521427 5.146206 2.190492 |
| TM\_NP\_model\_scan\_m\_110\_m\_80 | 1 6 0 1.428926 0.246554 -0.622008  2 6 0 0.603522 -0.812984 -0.991475  3 6 0 -0.792146 -0.712419 -0.974535  4 6 0 -1.390614 0.500111 -0.561916  5 6 0 -0.564356 1.557591 -0.190261  6 6 0 0.832522 1.457544 -0.210113  7 6 0 -2.873669 0.697773 -0.517796  8 6 0 -3.465602 1.545155 -1.432790  9 6 0 -4.857654 1.783097 -1.426465  10 6 0 -5.657865 1.173566 -0.494402  11 6 0 -5.098352 0.309078 0.481309  12 6 0 -3.685480 0.067714 0.481366  13 6 0 -3.147155 -0.776336 1.490103  14 6 0 -3.958035 -1.362743 2.431982  15 6 0 -5.352556 -1.135853 2.419602  16 6 0 -5.905677 -0.316552 1.466971  17 6 0 2.914398 0.078508 -0.724359  18 6 0 3.658054 -0.571645 0.311748  19 6 0 5.072588 -0.738350 0.151996  20 6 0 5.701401 -0.254718 -1.023946  21 6 0 4.968189 0.370121 -2.000435  22 6 0 3.573735 0.535779 -1.846879  23 6 0 3.051770 -1.052422 1.503613  24 6 0 3.797939 -1.668898 2.478992  25 6 0 5.191370 -1.838555 2.316077  26 6 0 5.810897 -1.382606 1.178860  27 6 0 -1.609238 -1.855326 -1.432295  28 7 0 -1.095234 -2.976501 -1.735595  29 6 0 -1.977814 -4.030519 -2.192192  30 6 0 1.652805 2.607981 0.220249  31 7 0 1.139257 3.725440 0.538419  32 6 0 2.027230 4.787874 0.963939  33 1 0 1.036485 -1.748121 -1.325031  34 1 0 -0.996811 2.494201 0.139301  35 1 0 -2.846626 2.027762 -2.180717  36 1 0 -5.287254 2.448778 -2.166536  37 1 0 -6.728626 1.348305 -0.486008  38 1 0 -2.078874 -0.950506 1.515348  39 1 0 -3.525451 -2.001233 3.194074  40 1 0 -5.981296 -1.605561 3.167609  41 1 0 -6.974595 -0.130110 1.456232  42 1 0 6.772298 -0.387355 -1.136929  43 1 0 5.452274 0.737718 -2.898197  44 1 0 3.006007 1.025141 -2.630474  45 1 0 1.984337 -0.927672 1.635822  46 1 0 3.315947 -2.028928 3.380996  47 1 0 5.768148 -2.328659 3.092364  48 1 0 6.880872 -1.507529 1.048447  49 1 0 -2.689826 -1.679641 -1.506164  50 1 0 -3.038182 -3.738502 -2.225393  51 1 0 2.736972 2.441547 0.256809  52 1 0 3.090669 4.504855 0.963170  53 1 0 -1.666094 -4.351765 -3.191205  54 1 0 -1.869146 -4.899369 -1.535332  55 1 0 1.889619 5.654963 0.310072  56 1 0 1.746197 5.107990 1.972341 |
| TM\_NP\_model\_scan\_m\_110\_m\_90 | 1 6 0 1.419830 0.098797 -0.700036  2 6 0 0.560009 -0.960386 -0.979374  3 6 0 -0.832350 -0.818931 -0.949632  4 6 0 -1.390137 0.435932 -0.614811  5 6 0 -0.528783 1.496108 -0.342655  6 6 0 0.863893 1.356510 -0.381424  7 6 0 -2.866137 0.677772 -0.556050  8 6 0 -3.455619 1.473061 -1.518176  9 6 0 -4.840383 1.749918 -1.500948  10 6 0 -5.636009 1.230603 -0.511999  11 6 0 -5.078607 0.420981 0.510762  12 6 0 -3.672789 0.141904 0.500603  13 6 0 -3.135608 -0.645167 1.555058  14 6 0 -3.941730 -1.143957 2.550025  15 6 0 -5.329906 -0.880797 2.548363  16 6 0 -5.881184 -0.113299 1.552543  17 6 0 2.899372 -0.125677 -0.782618  18 6 0 3.649763 -0.512292 0.373552  19 6 0 5.060101 -0.731406 0.245770  20 6 0 5.677628 -0.562242 -1.020194  21 6 0 4.937052 -0.192263 -2.113803  22 6 0 3.546466 0.026554 -1.991227  23 6 0 3.052067 -0.684137 1.651134  24 6 0 3.804000 -1.051389 2.741058  25 6 0 5.194398 -1.268479 2.612490  26 6 0 5.804768 -1.111939 1.392572  27 6 0 -1.687922 -1.969201 -1.307234  28 7 0 -1.209261 -3.122415 -1.540349  29 6 0 -2.128802 -4.182680 -1.899077  30 6 0 1.723680 2.520192 -0.084686  31 7 0 1.244623 3.664022 0.190513  32 6 0 2.170562 4.742314 0.470163  33 1 0 0.961562 -1.931316 -1.242351  34 1 0 -0.929701 2.468151 -0.083210  35 1 0 -2.840776 1.883915 -2.311031  36 1 0 -5.268209 2.373162 -2.278073  37 1 0 -6.701236 1.435795 -0.494486  38 1 0 -2.072011 -0.846869 1.572183  39 1 0 -3.510014 -1.740648 3.345733  40 1 0 -5.954951 -1.281361 3.338507  41 1 0 -6.944921 0.100994 1.549282  42 1 0 6.745764 -0.731204 -1.108096  43 1 0 5.412642 -0.065297 -3.079798  44 1 0 2.973657 0.318633 -2.864318  45 1 0 1.986649 -0.522340 1.757624  46 1 0 3.328892 -1.177438 3.707460  47 1 0 5.776058 -1.559437 3.479975  48 1 0 6.871946 -1.277733 1.287062  49 1 0 -2.765243 -1.770824 -1.370077  50 1 0 -3.181807 -3.865016 -1.931127  51 1 0 2.806189 2.342039 -0.115250  52 1 0 3.228550 4.445322 0.412272  53 1 0 -1.848707 -4.585111 -2.877827  54 1 0 -2.027352 -5.003396 -1.181895  55 1 0 1.992104 5.560891 -0.234453  56 1 0 1.967654 5.139426 1.469855 |
| TM\_NP\_model\_scan\_m\_110\_m\_100 | 1 6 0 1.406540 -0.094750 -0.712564  2 6 0 0.520711 -1.162423 -0.833684  3 6 0 -0.867932 -0.985632 -0.818959  4 6 0 -1.395108 0.316967 -0.669512  5 6 0 -0.508170 1.385097 -0.556163  6 6 0 0.880393 1.208867 -0.577467  7 6 0 -2.865024 0.598319 -0.643089  8 6 0 -3.442220 1.257959 -1.709510  9 6 0 -4.820457 1.565434 -1.729665  10 6 0 -5.621132 1.216282 -0.672437  11 6 0 -5.075209 0.555600 0.457956  12 6 0 -3.676361 0.244463 0.484398  13 6 0 -3.149501 -0.387460 1.643161  14 6 0 -3.959060 -0.710190 2.705757  15 6 0 -5.340659 -0.416752 2.670180  16 6 0 -5.881833 0.204017 1.571826  17 6 0 2.878968 -0.366379 -0.759824  18 6 0 3.665572 -0.406421 0.436496  19 6 0 5.069010 -0.678711 0.336330  20 6 0 5.643616 -0.910256 -0.939906  21 6 0 4.867048 -0.880579 -2.069949  22 6 0 3.483710 -0.609415 -1.975840  23 6 0 3.109692 -0.194759 1.726901  24 6 0 3.895732 -0.239699 2.853274  25 6 0 5.280777 -0.500327 2.751293  26 6 0 5.850298 -0.715755 1.520752  27 6 0 -1.752447 -2.155156 -0.999324  28 7 0 -1.302385 -3.341126 -1.064865  29 6 0 -2.249636 -4.419807 -1.259516  30 6 0 1.767496 2.385655 -0.477038  31 7 0 1.316308 3.563392 -0.326051  32 6 0 2.267383 4.653030 -0.244691  33 1 0 0.898159 -2.170887 -0.949996  34 1 0 -0.885348 2.394190 -0.444701  35 1 0 -2.823246 1.533089 -2.556095  36 1 0 -5.239264 2.076756 -2.589040  37 1 0 -6.681408 1.446202 -0.682343  38 1 0 -2.090756 -0.609612 1.686013  39 1 0 -3.534930 -1.189958 3.580673  40 1 0 -5.968681 -0.677635 3.514569  41 1 0 -6.940264 0.441188 1.540753  42 1 0 6.706980 -1.115518 -1.005278  43 1 0 5.308698 -1.062696 -3.043191  44 1 0 2.883203 -0.583990 -2.878260  45 1 0 2.048204 -0.000425 1.815987  46 1 0 3.451053 -0.077129 3.828674  47 1 0 5.889719 -0.533080 3.647734  48 1 0 6.912207 -0.922093 1.435564  49 1 0 -2.825560 -1.942038 -1.082411  50 1 0 -3.295174 -4.084499 -1.331635  51 1 0 2.844543 2.186763 -0.545134  52 1 0 3.317039 4.333001 -0.325798  53 1 0 -1.988091 -4.967305 -2.170699  54 1 0 -2.160770 -5.129476 -0.430856  55 1 0 2.053764 5.376289 -1.038190  56 1 0 2.129283 5.179685 0.704952 |
| TM\_NP\_model\_scan\_m\_110\_m\_110 | 1 6 0 -1.396947 0.249712 -0.703187  2 6 0 -0.488024 1.305610 -0.697733  3 6 0 0.896677 1.101097 -0.705187  4 6 0 1.398065 -0.219827 -0.707472  5 6 0 0.489322 -1.275601 -0.728860  6 6 0 -0.895300 -1.071000 -0.732722  7 6 0 2.861893 -0.531342 -0.703285  8 6 0 3.439117 -1.071169 -1.835098  9 6 0 4.811651 -1.400881 -1.878723  10 6 0 5.606651 -1.193947 -0.780573  11 6 0 5.060250 -0.660014 0.414689  12 6 0 3.666953 -0.327782 0.465158  13 6 0 3.138942 0.174303 1.685435  14 6 0 3.942880 0.356030 2.785096  15 6 0 5.319431 0.043153 2.727254  16 6 0 5.861186 -0.455676 1.568684  17 6 0 -2.860512 0.560947 -0.687096  18 6 0 -3.668225 0.305904 0.469725  19 6 0 -5.061299 0.640872 0.431098  20 6 0 -5.604762 1.229283 -0.739636  21 6 0 -4.806745 1.487738 -1.824596  22 6 0 -3.434546 1.155721 -1.792863  23 6 0 -3.142944 -0.247505 1.668819  24 6 0 -3.949283 -0.476555 2.757858  25 6 0 -5.325916 -0.162484 2.710263  26 6 0 -5.864979 0.386021 1.573131  27 6 0 1.803784 2.266711 -0.745571  28 7 0 1.376325 3.460530 -0.671677  29 6 0 2.344056 4.536584 -0.736175  30 6 0 -1.801835 -2.235312 -0.809115  31 7 0 -1.374956 -3.430603 -0.760044  32 6 0 -2.341783 -4.504552 -0.862534  33 1 0 -0.844463 2.328225 -0.685290  34 1 0 0.845842 -2.298165 -0.743132  35 1 0 2.825091 -1.232623 -2.713965  36 1 0 5.230847 -1.815379 -2.788599  37 1 0 6.662683 -1.441287 -0.808110  38 1 0 2.083932 0.409784 1.745277  39 1 0 3.517954 0.738171 3.706492  40 1 0 5.942921 0.192258 3.601598  41 1 0 6.915583 -0.707188 1.518964  42 1 0 -6.660751 1.477630 -0.758345  43 1 0 -5.223358 1.944935 -2.714982  44 1 0 -2.818393 1.357574 -2.661845  45 1 0 -2.087887 -0.484151 1.721802  46 1 0 -3.526018 -0.897292 3.663058  47 1 0 -5.951427 -0.349526 3.575829  48 1 0 -6.919233 0.639659 1.531962  49 1 0 2.873015 2.044783 -0.852777  50 1 0 3.383575 4.192683 -0.844977  51 1 0 -2.869884 -2.010731 -0.922189  52 1 0 -3.380017 -4.157801 -0.974533  53 1 0 2.096485 5.192269 -1.577108  54 1 0 2.264593 5.145203 0.170170  55 1 0 -2.084593 -5.138815 -1.716922  56 1 0 -2.272623 -5.135914 0.028968 |
| TM\_NP\_model\_scan\_m\_110\_m\_120 | 1 6 0 -1.388900 0.353256 -0.675259  2 6 0 -0.458330 1.388832 -0.599340  3 6 0 0.922115 1.161867 -0.624104  4 6 0 1.400575 -0.164668 -0.708690  5 6 0 0.472407 -1.199361 -0.803289  6 6 0 -0.908310 -0.971080 -0.798090  7 6 0 2.858261 -0.502720 -0.724179  8 6 0 3.426383 -0.981560 -1.887641  9 6 0 4.792781 -1.332476 -1.952404  10 6 0 5.591172 -1.206610 -0.844493  11 6 0 5.054444 -0.735308 0.381130  12 6 0 3.667023 -0.383138 0.453257  13 6 0 3.148477 0.056035 1.701530  14 6 0 3.956265 0.160305 2.808382  15 6 0 5.327284 -0.171857 2.730065  16 6 0 5.859537 -0.612126 1.543695  17 6 0 -2.842504 0.694967 -0.605505  18 6 0 -3.681218 0.238360 0.466565  19 6 0 -5.062349 0.623223 0.478549  20 6 0 -5.561825 1.468532 -0.544720  21 6 0 -4.731143 1.930039 -1.533477  22 6 0 -3.373403 1.546130 -1.556039  23 6 0 -3.199528 -0.555103 1.543383  24 6 0 -4.036746 -0.973716 2.549555  25 6 0 -5.404349 -0.620066 2.539882  26 6 0 -5.900194 0.164797 1.529116  27 6 0 1.848549 2.312589 -0.591494  28 7 0 1.440119 3.507045 -0.450657  29 6 0 2.425370 4.569039 -0.447586  30 6 0 -1.828311 -2.112068 -0.990336  31 7 0 -1.424309 -3.316155 -0.982635  32 6 0 -2.398766 -4.363543 -1.211434  33 1 0 -0.795073 2.414263 -0.510442  34 1 0 0.810496 -2.224635 -0.889554  35 1 0 2.809766 -1.077794 -2.774203  36 1 0 5.204726 -1.698081 -2.886241  37 1 0 6.642667 -1.470428 -0.887957  38 1 0 2.097706 0.305720 1.776509  39 1 0 3.538650 0.495806 3.751028  40 1 0 5.953964 -0.083803 3.610393  41 1 0 6.909509 -0.877975 1.477593  42 1 0 -6.608886 1.751897 -0.524310  43 1 0 -5.111557 2.586696 -2.307702  44 1 0 -2.734031 1.906710 -2.353863  45 1 0 -2.152081 -0.825296 1.573219  46 1 0 -3.643652 -1.575457 3.361282  47 1 0 -6.055274 -0.960634 3.337211  48 1 0 -6.945523 0.455836 1.521783  49 1 0 2.914603 2.079743 -0.706579  50 1 0 3.459901 4.215000 -0.570253  51 1 0 -2.883090 -1.861233 -1.158215  52 1 0 -3.421953 -3.990964 -1.369280  53 1 0 2.193850 5.276096 -1.250623  54 1 0 2.349845 5.125742 0.491868  55 1 0 -2.095841 -4.951336 -2.083915  56 1 0 -2.397976 -5.047528 -0.356863 |
| TM\_NP\_model\_scan\_m\_110\_m\_130 | 1 6 0 -1.387307 0.396793 -0.691003  2 6 0 -0.443131 1.420358 -0.597205  3 6 0 0.934584 1.180700 -0.619375  4 6 0 1.401206 -0.149229 -0.713365  5 6 0 0.462562 -1.172646 -0.823521  6 6 0 -0.915762 -0.931189 -0.822729  7 6 0 2.855351 -0.501834 -0.724054  8 6 0 3.424827 -0.975875 -1.888848  9 6 0 4.787882 -1.340215 -1.949550  10 6 0 5.581351 -1.233265 -0.836139  11 6 0 5.042639 -0.768503 0.391115  12 6 0 3.658605 -0.402461 0.459007  13 6 0 3.137404 0.029184 1.708793  14 6 0 3.939801 0.113429 2.821256  15 6 0 5.307727 -0.232203 2.747267  16 6 0 5.842247 -0.665695 1.559421  17 6 0 -2.832778 0.754800 -0.571733  18 6 0 -3.684895 0.197020 0.443759  19 6 0 -5.053491 0.622147 0.509603  20 6 0 -5.524425 1.613730 -0.387694  21 6 0 -4.674476 2.186199 -1.298766  22 6 0 -3.331950 1.762661 -1.377512  23 6 0 -3.228175 -0.721422 1.428839  24 6 0 -4.078374 -1.227891 2.382405  25 6 0 -5.437383 -0.844511 2.410887  26 6 0 -5.907733 0.065138 1.497717  27 6 0 1.871394 2.322337 -0.565498  28 7 0 1.473038 3.518783 -0.413333  29 6 0 2.468143 4.571238 -0.387408  30 6 0 -1.838929 -2.060086 -1.069415  31 7 0 -1.449581 -3.268749 -1.055802  32 6 0 -2.421641 -4.301442 -1.352034  33 1 0 -0.766805 2.447712 -0.486542  34 1 0 0.790422 -2.200065 -0.922737  35 1 0 2.812207 -1.057120 -2.779669  36 1 0 5.201229 -1.700999 -2.884643  37 1 0 6.630319 -1.507444 -0.876453  38 1 0 2.088775 0.288691 1.780501  39 1 0 3.520171 0.443246 3.765006  40 1 0 5.930153 -0.159949 3.632042  41 1 0 6.889743 -0.941888 1.496517  42 1 0 -6.562459 1.923340 -0.327365  43 1 0 -5.028649 2.960856 -1.969372  44 1 0 -2.681782 2.209601 -2.120894  45 1 0 -2.187693 -1.016549 1.436413  46 1 0 -3.700491 -1.921889 3.124792  47 1 0 -6.099546 -1.257481 3.163485  48 1 0 -6.943860 0.386219 1.525110  49 1 0 2.936166 2.080712 -0.674032  50 1 0 3.500305 4.209032 -0.506031  51 1 0 -2.880438 -1.794610 -1.290004  52 1 0 -3.431129 -3.914874 -1.557205  53 1 0 2.250348 5.291435 -1.182569  54 1 0 2.389784 5.115720 0.558964  55 1 0 -2.079546 -4.878934 -2.216900  56 1 0 -2.473049 -4.998599 -0.509790 |
| TM\_NP\_model\_scan\_m\_110\_m\_140 | 1 6 0 -1.384786 0.428495 -0.704501  2 6 0 -0.423570 1.438544 -0.610403  3 6 0 0.950630 1.183767 -0.630250  4 6 0 1.403231 -0.151761 -0.709832  5 6 0 0.451963 -1.163068 -0.818373  6 6 0 -0.923388 -0.905538 -0.826253  7 6 0 2.853029 -0.521035 -0.710366  8 6 0 3.422859 -1.012287 -1.867862  9 6 0 4.782410 -1.390940 -1.918681  10 6 0 5.572127 -1.280341 -0.802958  11 6 0 5.032781 -0.797849 0.417144  12 6 0 3.652081 -0.417818 0.475256  13 6 0 3.129680 0.031221 1.718406  14 6 0 3.928220 0.119379 2.833340  15 6 0 5.293148 -0.239682 2.768731  16 6 0 5.828470 -0.690487 1.587711  17 6 0 -2.820493 0.807712 -0.538760  18 6 0 -3.693829 0.174717 0.417144  19 6 0 -5.048771 0.636359 0.528371  20 6 0 -5.480095 1.746657 -0.239373  21 6 0 -4.601322 2.402776 -1.062166  22 6 0 -3.277527 1.939802 -1.193812  23 6 0 -3.272782 -0.843578 1.317171  24 6 0 -4.145139 -1.418765 2.209836  25 6 0 -5.495672 -1.010041 2.261993  26 6 0 -5.929548 0.002127 1.444343  27 6 0 1.899369 2.316016 -0.583108  28 7 0 1.513182 3.518662 -0.449838  29 6 0 2.519720 4.560403 -0.430771  30 6 0 -1.849389 -2.023918 -1.112710  31 7 0 -1.476212 -3.237262 -1.085484  32 6 0 -2.445974 -4.256772 -1.431150  33 1 0 -0.729947 2.470185 -0.494059  34 1 0 0.766905 -2.194846 -0.914137  35 1 0 2.813578 -1.095949 -2.760740  36 1 0 5.196217 -1.765335 -2.848204  37 1 0 6.618544 -1.565054 -0.835955  38 1 0 2.083131 0.300787 1.783301  39 1 0 3.507703 0.462630 3.771891  40 1 0 5.912552 -0.164036 3.655339  41 1 0 6.873564 -0.977140 1.532082  42 1 0 -6.507408 2.081892 -0.143759  43 1 0 -4.919319 3.272891 -1.625153  44 1 0 -2.612034 2.451990 -1.878937  45 1 0 -2.239452 -1.160430 1.315815  46 1 0 -3.789196 -2.186433 2.887705  47 1 0 -6.177108 -1.480278 2.961890  48 1 0 -6.955725 0.350674 1.497704  49 1 0 2.962153 2.061398 -0.680457  50 1 0 3.548611 4.185067 -0.536085  51 1 0 -2.876044 -1.744416 -1.380690  52 1 0 -3.440067 -3.856902 -1.680946  53 1 0 2.316260 5.271390 -1.237934  54 1 0 2.440126 5.119221 0.507074  55 1 0 -2.071340 -4.835103 -2.281833  56 1 0 -2.545086 -4.956570 -0.595359 |
| TM\_NP\_model\_scan\_m\_110\_p\_20 | 1 6 0 1.437106 0.448614 -0.167116  2 6 0 0.732896 -0.764132 -0.187829  3 6 0 -0.645624 -0.856090 -0.398838  4 6 0 -1.403242 0.325863 -0.533085  5 6 0 -0.724796 1.540920 -0.490854  6 6 0 0.658906 1.631183 -0.311460  7 6 0 -2.886249 0.331352 -0.727815  8 6 0 -3.405119 0.712472 -1.948971  9 6 0 -4.797981 0.754292 -2.178647  10 6 0 -5.673105 0.418153 -1.177677  11 6 0 -5.193483 0.037742 0.102047  12 6 0 -3.781002 -0.001844 0.341398  13 6 0 -3.328170 -0.352797 1.642005  14 6 0 -4.217121 -0.666907 2.641763  15 6 0 -5.608604 -0.644313 2.398040  16 6 0 -6.082124 -0.296501 1.157281  17 6 0 2.828419 0.446246 0.377512  18 6 0 3.804223 -0.554458 0.002045  19 6 0 5.107493 -0.513925 0.603374  20 6 0 5.454068 0.556327 1.465834  21 6 0 4.561125 1.567532 1.701491  22 6 0 3.268953 1.516842 1.141449  23 6 0 3.581108 -1.550418 -0.989211  24 6 0 4.536729 -2.489548 -1.297987  25 6 0 5.782875 -2.493836 -0.636884  26 6 0 6.060936 -1.516027 0.283896  27 6 0 -1.280341 -2.189126 -0.473477  28 7 0 -0.624864 -3.262766 -0.298841  29 6 0 -1.334155 -4.521546 -0.403740  30 6 0 1.272808 2.969374 -0.478047  31 7 0 0.618742 4.045118 -0.309585  32 6 0 1.289247 5.300404 -0.582882  33 1 0 1.243650 -1.695306 0.011335  34 1 0 -1.270547 2.468941 -0.607394  35 1 0 -2.725326 0.972690 -2.752542  36 1 0 -5.167995 1.050812 -3.153611  37 1 0 -6.744255 0.443804 -1.348321  38 1 0 -2.264677 -0.362498 1.844512  39 1 0 -3.849355 -0.929083 3.627401  40 1 0 -6.299171 -0.895550 3.195188  41 1 0 -7.149626 -0.267615 0.964758  42 1 0 6.442597 0.571053 1.912387  43 1 0 4.830092 2.404014 2.336427  44 1 0 2.565512 2.287185 1.427673  45 1 0 2.650379 -1.558731 -1.536911  46 1 0 4.331632 -3.227948 -2.064881  47 1 0 6.522334 -3.249488 -0.876568  48 1 0 7.029659 -1.478403 0.771232  49 1 0 -2.353837 -2.201268 -0.700080  50 1 0 -2.403955 -4.410266 -0.635552  51 1 0 2.320946 2.980385 -0.805418  52 1 0 2.335700 5.184671 -0.904106  53 1 0 -0.864190 -5.135466 -1.178708  54 1 0 -1.230386 -5.071008 0.537251  55 1 0 0.738984 5.839866 -1.360475  56 1 0 1.260015 5.927672 0.313690 |
| TM\_NP\_model\_scan\_m\_110\_p\_30 | 1 6 0 1.425231 0.404766 -0.089150  2 6 0 0.717427 -0.803429 -0.102339  3 6 0 -0.657673 -0.883168 -0.338449  4 6 0 -1.395768 0.305750 -0.523639  5 6 0 -0.705289 1.514533 -0.504118  6 6 0 0.675734 1.593233 -0.294700  7 6 0 -2.874546 0.322017 -0.749388  8 6 0 -3.364479 0.671760 -1.991653  9 6 0 -4.751920 0.722531 -2.250657  10 6 0 -5.650813 0.426292 -1.258167  11 6 0 -5.201291 0.078571 0.041638  12 6 0 -3.794456 0.030824 0.310776  13 6 0 -3.371887 -0.286410 1.630106  14 6 0 -4.284192 -0.561672 2.620246  15 6 0 -5.670131 -0.531602 2.347531  16 6 0 -6.114665 -0.215111 1.087809  17 6 0 2.822763 0.407515 0.434655  18 6 0 3.813584 -0.544365 -0.007030  19 6 0 5.123324 -0.505192 0.578699  20 6 0 5.444789 0.507657 1.517269  21 6 0 4.520002 1.462969 1.848238  22 6 0 3.224443 1.416999 1.295024  23 6 0 3.588639 -1.493631 -1.042057  24 6 0 4.562246 -2.386198 -1.423156  25 6 0 5.825688 -2.385204 -0.794320  26 6 0 6.098024 -1.456201 0.177619  27 6 0 -1.308813 -2.209076 -0.394525  28 7 0 -0.672813 -3.285907 -0.173643  29 6 0 -1.395570 -4.537984 -0.265382  30 6 0 1.320762 2.916181 -0.454728  31 7 0 0.669907 4.004151 -0.373452  32 6 0 1.380047 5.242553 -0.621966  33 1 0 1.224001 -1.734132 0.114040  34 1 0 -1.237986 2.444398 -0.660130  35 1 0 -2.665751 0.900082 -2.788649  36 1 0 -5.098847 0.993974 -3.241288  37 1 0 -6.717979 0.458913 -1.451127  38 1 0 -2.312849 -0.301603 1.854358  39 1 0 -3.939275 -0.798933 3.620354  40 1 0 -6.379368 -0.752261 3.137316  41 1 0 -7.177708 -0.180568 0.872803  42 1 0 6.438411 0.522138 1.952486  43 1 0 4.769184 2.250514 2.550308  44 1 0 2.496130 2.143282 1.632847  45 1 0 2.638845 -1.502840 -1.557389  46 1 0 4.358823 -3.092428 -2.220209  47 1 0 6.581028 -3.102617 -1.094476  48 1 0 7.075620 -1.421752 0.647174  49 1 0 -2.375944 -2.213412 -0.649694  50 1 0 -2.457547 -4.419482 -0.527674  51 1 0 2.392917 2.905360 -0.689695  52 1 0 2.448904 5.104446 -0.845708  53 1 0 -0.913861 -5.177032 -1.012341  54 1 0 -1.323066 -5.064843 0.691334  55 1 0 0.908401 5.765220 -1.460357  56 1 0 1.281000 5.896432 0.250243 |
| TM\_NP\_model\_scan\_m\_110\_p\_40 | 1 6 0 1.414661 0.365116 -0.007334  2 6 0 0.702120 -0.838110 -0.014633  3 6 0 -0.669009 -0.906413 -0.276338  4 6 0 -1.386944 0.287544 -0.509929  5 6 0 -0.684208 1.489269 -0.508052  6 6 0 0.693206 1.556886 -0.268128  7 6 0 -2.860320 0.313824 -0.769083  8 6 0 -3.318747 0.634855 -2.030939  9 6 0 -4.699461 0.693482 -2.322341  10 6 0 -5.623424 0.434079 -1.342647  11 6 0 -5.206664 0.117312 -0.024139  12 6 0 -3.806760 0.062155 0.277762  13 6 0 -3.417098 -0.222529 1.614518  14 6 0 -4.354122 -0.460368 2.591207  15 6 0 -5.733244 -0.423582 2.286599  16 6 0 -6.146185 -0.137670 1.008941  17 6 0 2.819645 0.367353 0.494870  18 6 0 3.820310 -0.530007 -0.020580  19 6 0 5.135838 -0.504430 0.551397  20 6 0 5.439979 0.432866 1.570826  21 6 0 4.491904 1.326254 1.997958  22 6 0 3.192612 1.296477 1.451368  23 6 0 3.590646 -1.416168 -1.108623  24 6 0 4.575922 -2.258098 -1.566407  25 6 0 5.853482 -2.263910 -0.965415  26 6 0 6.124727 -1.399307 0.064802  27 6 0 -1.336281 -2.224714 -0.316700  28 7 0 -0.720756 -3.303557 -0.051901  29 6 0 -1.457244 -4.548343 -0.132906  30 6 0 1.365606 2.866407 -0.416168  31 7 0 0.723229 3.962537 -0.417560  32 6 0 1.466560 5.187029 -0.635326  33 1 0 1.202824 -1.769030 0.217664  34 1 0 -1.203105 2.420253 -0.699989  35 1 0 -2.599999 0.833686 -2.817968  36 1 0 -5.021230 0.941586 -3.327478  37 1 0 -6.685642 0.472877 -1.560192  38 1 0 -2.363483 -0.242656 1.862711  39 1 0 -4.034140 -0.673256 3.605001  40 1 0 -6.462240 -0.614792 3.066014  41 1 0 -7.203772 -0.097943 0.769305  42 1 0 6.437897 0.437798 1.996373  43 1 0 4.727721 2.051625 2.768350  44 1 0 2.446796 1.977309 1.843701  45 1 0 2.625455 -1.417271 -1.595929  46 1 0 4.371829 -2.919350 -2.401001  47 1 0 6.619294 -2.939496 -1.329414  48 1 0 7.110015 -1.376735 0.518769  49 1 0 -2.396340 -2.221891 -0.599892  50 1 0 -2.510300 -4.422996 -0.426235  51 1 0 2.453214 2.838692 -0.559228  52 1 0 2.548627 5.032673 -0.765003  53 1 0 -0.964389 -5.211259 -0.851250  54 1 0 -1.416918 -5.052757 0.837710  55 1 0 1.072916 5.693121 -1.522697  56 1 0 1.302625 5.863394 0.209535 |
| TM\_NP\_model\_scan\_m\_110\_p\_50 | 1 6 0 1.406682 0.325119 0.090245  2 6 0 0.684730 -0.870575 0.085930  3 6 0 -0.681598 -0.924839 -0.203713  4 6 0 -1.375647 0.274490 -0.482226  5 6 0 -0.657996 1.467218 -0.488593  6 6 0 0.714648 1.520818 -0.216331  7 6 0 -2.840818 0.313509 -0.783975  8 6 0 -3.257586 0.613782 -2.065257  9 6 0 -4.628100 0.681939 -2.399452  10 6 0 -5.583956 0.453231 -1.443003  11 6 0 -5.210526 0.159693 -0.106277  12 6 0 -3.820988 0.095244 0.238934  13 6 0 -3.474927 -0.164582 1.592616  14 6 0 -4.443544 -0.370355 2.545502  15 6 0 -5.812398 -0.324938 2.198561  16 6 0 -6.183458 -0.062391 0.903173  17 6 0 2.820748 0.315045 0.568198  18 6 0 3.823203 -0.516171 -0.038625  19 6 0 5.148580 -0.516876 0.509556  20 6 0 5.450554 0.321677 1.612383  21 6 0 4.489897 1.141595 2.146681  22 6 0 3.181997 1.139501 1.618624  23 6 0 3.578310 -1.315744 -1.188390  24 6 0 4.566999 -2.095916 -1.738323  25 6 0 5.860838 -2.121043 -1.172557  26 6 0 6.142330 -1.343504 -0.077448  27 6 0 -1.366976 -2.233930 -0.234960  28 7 0 -0.776443 -3.314925 0.074352  29 6 0 -1.528786 -4.550485 -0.002324  30 6 0 1.413192 2.817699 -0.345701  31 7 0 0.786150 3.919927 -0.424185  32 6 0 1.559232 5.132055 -0.603449  33 1 0 1.175799 -1.803529 0.332624  34 1 0 -1.160049 2.400481 -0.711781  35 1 0 -2.513248 0.787884 -2.834140  36 1 0 -4.916601 0.912776 -3.418704  37 1 0 -6.638677 0.499343 -1.693147  38 1 0 -2.429459 -0.190959 1.872811  39 1 0 -4.156680 -0.564525 3.572877  40 1 0 -6.566682 -0.490921 2.959481  41 1 0 -7.232870 -0.015948 0.631010  42 1 0 6.455996 0.308523 2.019718  43 1 0 4.723771 1.787585 2.985341  44 1 0 2.427767 1.766758 2.079715  45 1 0 2.596779 -1.300148 -1.642834  46 1 0 4.353809 -2.694046 -2.617122  47 1 0 6.630139 -2.745930 -1.612011  48 1 0 7.137825 -1.341727 0.354281  49 1 0 -2.417512 -2.222600 -0.551523  50 1 0 -2.569754 -4.416669 -0.332724  51 1 0 2.508298 2.775662 -0.397143  52 1 0 2.646285 4.963996 -0.641244  53 1 0 -1.023048 -5.236958 -0.688890  54 1 0 -1.527558 -5.032756 0.980310  55 1 0 1.245031 5.624633 -1.529276  56 1 0 1.334871 5.826475 0.212411 |
| TM\_NP\_model\_scan\_m\_110\_p\_60 | 1 6 0 1.398823 0.276161 0.189560  2 6 0 0.662657 -0.909050 0.174589  3 6 0 -0.698198 -0.942705 -0.144403  4 6 0 -1.364358 0.265992 -0.451271  5 6 0 -0.628358 1.447501 -0.449713  6 6 0 0.738308 1.480311 -0.144316  7 6 0 -2.819928 0.325480 -0.794197  8 6 0 -3.194609 0.622021 -2.089277  9 6 0 -4.553538 0.708314 -2.464013  10 6 0 -5.540212 0.501453 -1.534280  11 6 0 -5.210398 0.212509 -0.185160  12 6 0 -3.832602 0.129558 0.201106  13 6 0 -3.530190 -0.125653 1.566048  14 6 0 -4.529222 -0.309730 2.491590  15 6 0 -5.886539 -0.245915 2.104404  16 6 0 -6.215595 0.012780 0.796959  17 6 0 2.819887 0.240168 0.650474  18 6 0 3.822828 -0.498627 -0.060907  19 6 0 5.156622 -0.540218 0.463803  20 6 0 5.459201 0.161427 1.658501  21 6 0 4.490410 0.884416 2.306577  22 6 0 3.174658 0.923790 1.798105  23 6 0 3.564106 -1.171755 -1.285992  24 6 0 4.554107 -1.866243 -1.938603  25 6 0 5.860776 -1.926223 -1.405003  26 6 0 6.152197 -1.273886 -0.233129  27 6 0 -1.404710 -2.240169 -0.182368  28 7 0 -0.844238 -3.326641 0.161879  29 6 0 -1.615236 -4.549935 0.074786  30 6 0 1.464242 2.764220 -0.238313  31 7 0 0.862545 3.872852 -0.390241  32 6 0 1.665530 5.072454 -0.512351  33 1 0 1.139410 -1.848183 0.427089  34 1 0 -1.110376 2.386841 -0.690905  35 1 0 -2.425536 0.779048 -2.837186  36 1 0 -4.808622 0.935610 -3.492923  37 1 0 -6.586375 0.561567 -1.815465  38 1 0 -2.493785 -0.165821 1.876704  39 1 0 -4.275519 -0.500869 3.528220  40 1 0 -6.665170 -0.394807 2.844040  41 1 0 -7.255796 0.073198 0.493943  42 1 0 6.471138 0.119938 2.047543  43 1 0 4.725109 1.422527 3.218030  44 1 0 2.415421 1.479375 2.337082  45 1 0 2.569531 -1.128765 -1.710398  46 1 0 4.332343 -2.370375 -2.872516  47 1 0 6.631445 -2.481919 -1.927241  48 1 0 7.155945 -1.304279 0.177942  49 1 0 -2.443535 -2.215580 -0.534967  50 1 0 -2.641319 -4.402549 -0.294167  51 1 0 2.558670 2.706855 -0.188803  52 1 0 2.748934 4.889933 -0.447789  53 1 0 -1.097819 -5.254509 -0.584176  54 1 0 -1.657406 -5.018464 1.063165  55 1 0 1.444449 5.556721 -1.468979  56 1 0 1.376756 5.780355 0.271048 |
| TM\_NP\_model\_scan\_m\_110\_p\_70 | 1 6 0 1.387126 0.194461 0.273062  2 6 0 0.629298 -0.974531 0.222564  3 6 0 -0.725654 -0.972459 -0.124891  4 6 0 -1.357436 0.255539 -0.428289  5 6 0 -0.596134 1.420560 -0.394606  6 6 0 0.763807 1.417323 -0.058971  7 6 0 -2.803992 0.353900 -0.799808  8 6 0 -3.145042 0.676676 -2.097858  9 6 0 -4.493592 0.802579 -2.498018  10 6 0 -5.503604 0.608895 -1.590801  11 6 0 -5.208366 0.292806 -0.239773  12 6 0 -3.841074 0.168984 0.172222  13 6 0 -3.572781 -0.114692 1.538663  14 6 0 -4.594533 -0.286930 2.441406  15 6 0 -5.941765 -0.181775 2.028787  16 6 0 -6.237797 0.104979 0.719311  17 6 0 2.809304 0.119041 0.732448  18 6 0 3.826269 -0.475712 -0.082745  19 6 0 5.163817 -0.558750 0.426644  20 6 0 5.450965 -0.046525 1.717616  21 6 0 4.463001 0.529922 2.474727  22 6 0 3.143932 0.611975 1.978201  23 6 0 3.571915 -0.972090 -1.389989  24 6 0 4.575217 -1.532162 -2.143616  25 6 0 5.889572 -1.625447 -1.633313  26 6 0 6.173983 -1.147189 -0.378463  27 6 0 -1.460196 -2.252563 -0.197990  28 7 0 -0.934530 -3.355607 0.148592  29 6 0 -1.730966 -4.559363 0.025114  30 6 0 1.522129 2.684792 -0.095201  31 7 0 0.958761 3.805849 -0.294717  32 6 0 1.793135 4.989222 -0.340144  33 1 0 1.084057 -1.927842 0.462768  34 1 0 -1.052525 2.374022 -0.630237  35 1 0 -2.357407 0.824795 -2.828032  36 1 0 -4.722226 1.050202 -3.528453  37 1 0 -6.542045 0.699997 -1.891578  38 1 0 -2.544152 -0.186980 1.868704  39 1 0 -4.366613 -0.500685 3.479620  40 1 0 -6.738590 -0.321463 2.750623  41 1 0 -7.269828 0.196874 0.396912  42 1 0 6.465821 -0.117491 2.094649  43 1 0 4.685688 0.919978 3.461479  44 1 0 2.370996 1.057374 2.594695  45 1 0 2.569131 -0.903099 -1.791984  46 1 0 4.358776 -1.904151 -3.138768  47 1 0 6.671299 -2.071955 -2.237484  48 1 0 7.182169 -1.209541 0.017895  49 1 0 -2.488189 -2.200268 -0.578496  50 1 0 -2.742327 -4.383460 -0.370955  51 1 0 2.607022 2.603912 0.047380  52 1 0 2.863158 4.784041 -0.184945  53 1 0 -1.211491 -5.268478 -0.627296  54 1 0 -1.812376 -5.037806 1.006277  55 1 0 1.663771 5.482934 -1.308640  56 1 0 1.453016 5.698599 0.421013 |
| TM\_NP\_model\_scan\_m\_110\_p\_80 | 1 6 0 1.379418 0.097330 0.362058  2 6 0 0.592716 -1.047370 0.253252  3 6 0 -0.755571 -0.993980 -0.117198  4 6 0 -1.347131 0.261700 -0.386033  5 6 0 -0.557173 1.404047 -0.286890  6 6 0 0.794985 1.349515 0.074754  7 6 0 -2.780998 0.411893 -0.788371  8 6 0 -3.080107 0.794326 -2.080582  9 6 0 -4.414457 0.965504 -2.510333  10 6 0 -5.452433 0.757132 -1.638643  11 6 0 -5.200407 0.381564 -0.294077  12 6 0 -3.847543 0.212276 0.148156  13 6 0 -3.622131 -0.130286 1.508790  14 6 0 -4.671185 -0.315519 2.376991  15 6 0 -6.004401 -0.165758 1.933783  16 6 0 -6.259027 0.178113 0.629361  17 6 0 2.804836 -0.041336 0.801508  18 6 0 3.822105 -0.450255 -0.119464  19 6 0 5.166900 -0.601218 0.352515  20 6 0 5.458585 -0.341002 1.716059  21 6 0 4.467589 0.053637 2.578517  22 6 0 3.140799 0.202975 2.117410  23 6 0 3.556154 -0.703072 -1.492491  24 6 0 4.558643 -1.091266 -2.348297  25 6 0 5.882325 -1.246959 -1.878836  26 6 0 6.176416 -1.005949 -0.559589  27 6 0 -1.521148 -2.250157 -0.256710  28 7 0 -1.034570 -3.378474 0.064754  29 6 0 -1.857455 -4.555457 -0.125227  30 6 0 1.585382 2.596113 0.129376  31 7 0 1.065521 3.737375 -0.073092  32 6 0 1.927606 4.899964 -0.012981  33 1 0 1.020374 -2.021956 0.454731  34 1 0 -0.984282 2.378666 -0.488452  35 1 0 -2.270243 0.953373 -2.783624  36 1 0 -4.610022 1.258903 -3.535549  37 1 0 -6.480239 0.882052 -1.962891  38 1 0 -2.604469 -0.238209 1.862251  39 1 0 -4.475772 -0.574506 3.411530  40 1 0 -6.823094 -0.316673 2.628352  41 1 0 -7.279841 0.304561 0.283788  42 1 0 6.479180 -0.459541 2.064649  43 1 0 4.694260 0.249933 3.620412  44 1 0 2.366539 0.507809 2.812708  45 1 0 2.544615 -0.587435 -1.860884  46 1 0 4.334434 -1.280184 -3.392131  47 1 0 6.663608 -1.555792 -2.564206  48 1 0 7.191239 -1.120981 -0.192937  49 1 0 -2.535911 -2.156946 -0.663814  50 1 0 -2.851344 -4.339091 -0.544798  51 1 0 2.654516 2.481777 0.349021  52 1 0 2.978338 4.662314 0.211820  53 1 0 -1.336438 -5.254849 -0.786834  54 1 0 -1.981130 -5.065611 0.835345  55 1 0 1.880841 5.431430 -0.968873  56 1 0 1.548426 5.589609 0.747887 |
| TM\_NP\_model\_scan\_m\_110\_p\_90 | 1 6 0 1.363324 -0.044837 0.365818  2 6 0 0.545824 -1.152163 0.154642  3 6 0 -0.797452 -1.026786 -0.218440  4 6 0 -1.349153 0.264005 -0.384306  5 6 0 -0.526879 1.370207 -0.184856  6 6 0 0.818641 1.244264 0.182557  7 6 0 -2.778320 0.489459 -0.768312  8 6 0 -3.069840 0.982182 -2.024318  9 6 0 -4.399870 1.228503 -2.430625  10 6 0 -5.440556 0.985611 -1.571180  11 6 0 -5.195400 0.499412 -0.261195  12 6 0 -3.847052 0.252324 0.157153  13 6 0 -3.627085 -0.200349 1.486209  14 6 0 -4.677690 -0.415586 2.345518  15 6 0 -6.007070 -0.187975 1.924738  16 6 0 -6.256059 0.261425 0.651646  17 6 0 2.779900 -0.261872 0.804684  18 6 0 3.835659 -0.406596 -0.151076  19 6 0 5.171012 -0.632653 0.317579  20 6 0 5.414530 -0.709518 1.713011  21 6 0 4.385641 -0.570402 2.609278  22 6 0 3.068029 -0.346350 2.151043  23 6 0 3.614429 -0.333016 -1.552732  24 6 0 4.652863 -0.474394 -2.441579  25 6 0 5.968783 -0.697671 -1.977355  26 6 0 6.218544 -0.774837 -0.629481  27 6 0 -1.599755 -2.242309 -0.466919  28 7 0 -1.147778 -3.408652 -0.246399  29 6 0 -2.004781 -4.539189 -0.539246  30 6 0 1.641253 2.455974 0.372932  31 7 0 1.167829 3.626024 0.230190  32 6 0 2.056525 4.751416 0.434921  33 1 0 0.944038 -2.152367 0.273801  34 1 0 -0.924556 2.370720 -0.302341  35 1 0 -2.258111 1.170735 -2.717875  36 1 0 -4.590115 1.607247 -3.428499  37 1 0 -6.465078 1.168039 -1.878107  38 1 0 -2.612215 -0.369104 1.823268  39 1 0 -4.486271 -0.758189 3.356225  40 1 0 -6.827095 -0.363107 2.612017  41 1 0 -7.273622 0.447593 0.323934  42 1 0 6.428526 -0.881768 2.058418  43 1 0 4.575261 -0.632085 3.674958  44 1 0 2.264409 -0.239627 2.871105  45 1 0 2.608133 -0.166853 -1.916719  46 1 0 4.463175 -0.416648 -3.507528  47 1 0 6.778837 -0.808796 -2.689381  48 1 0 7.226543 -0.947062 -0.266543  49 1 0 -2.610226 -2.082498 -0.863630  50 1 0 -2.992905 -4.257110 -0.932692  51 1 0 2.691591 2.289197 0.644188  52 1 0 3.085237 4.462775 0.698339  53 1 0 -1.505513 -5.189451 -1.264693  54 1 0 -2.141072 -5.131696 0.371023  55 1 0 2.080639 5.360337 -0.474466  56 1 0 1.652064 5.388424 1.227996 |
| TM\_NP\_model\_scan\_m\_110\_p\_100 | 1 6 0 -1.357089 -0.169886 -0.380195  2 6 0 -0.509843 -1.231402 -0.072747  3 6 0 0.828611 -1.037959 0.289084  4 6 0 1.345660 0.276321 0.338771  5 6 0 0.496067 1.337615 0.034835  6 6 0 -0.844012 1.144239 -0.321271  7 6 0 2.763327 0.577164 0.713635  8 6 0 3.022922 1.193845 1.921058  9 6 0 4.339025 1.518972 2.316845  10 6 0 5.398314 1.228313 1.495844  11 6 0 5.186204 0.610627 0.236561  12 6 0 3.851794 0.283216 -0.171648  13 6 0 3.665175 -0.306266 -1.451280  14 6 0 4.734492 -0.574929 -2.271626  15 6 0 6.050182 -0.265397 -1.860091  16 6 0 6.266764 0.316253 -0.635592  17 6 0 -2.774150 -0.464920 -0.767585  18 6 0 -3.838293 -0.358845 0.184959  19 6 0 -5.174264 -0.672357 -0.227725  20 6 0 -5.410568 -1.084510 -1.564511  21 6 0 -4.373493 -1.188282 -2.455924  22 6 0 -3.054989 -0.879072 -2.053189  23 6 0 -3.623379 0.037878 1.532359  24 6 0 -4.668869 0.127604 2.419699  25 6 0 -5.986268 -0.176159 2.008933  26 6 0 -6.229583 -0.567719 0.715620  27 6 0 1.660158 -2.204619 0.650030  28 7 0 1.236628 -3.397270 0.542327  29 6 0 2.121342 -4.473533 0.939299  30 6 0 -1.689273 2.310815 -0.647262  31 7 0 -1.257137 3.502857 -0.571529  32 6 0 -2.161164 4.579968 -0.919386  33 1 0 -0.882655 -2.248012 -0.095093  34 1 0 0.868682 2.354260 0.056440  35 1 0 2.196277 1.422394 2.584290  36 1 0 4.503827 1.996605 3.276056  37 1 0 6.412507 1.471424 1.794935  38 1 0 2.660906 -0.539238 -1.781817  39 1 0 4.568361 -1.023154 -3.244785  40 1 0 6.885203 -0.482973 -2.516481  41 1 0 7.273430 0.565005 -0.315827  42 1 0 -6.425388 -1.319787 -1.867745  43 1 0 -4.557401 -1.507623 -3.475547  44 1 0 -2.245495 -0.963784 -2.769502  45 1 0 -2.616234 0.265788 1.858243  46 1 0 -4.483072 0.430414 3.444071  47 1 0 -6.802121 -0.101967 2.719122  48 1 0 -7.238134 -0.806922 0.394525  49 1 0 2.666504 -1.983791 1.027525  50 1 0 3.104172 -4.131252 1.296479  51 1 0 -2.716637 2.090191 -0.964040  52 1 0 -3.164399 4.239212 -1.216359  53 1 0 1.640671 -5.060366 1.728604  54 1 0 2.267685 -5.149510 0.090896  55 1 0 -2.255152 5.259604 -0.066465  56 1 0 -1.726776 5.162521 -1.738112 |
| TM\_NP\_model\_scan\_m\_110\_p\_110 | 1 6 0 1.347730 0.287222 -0.330349  2 6 0 0.468418 1.297043 0.054501  3 6 0 -0.866749 1.040254 0.387114  4 6 0 -1.347679 -0.287058 0.330200  5 6 0 -0.468416 -1.296859 -0.054712  6 6 0 0.866760 -1.040063 -0.387416  7 6 0 -2.758649 -0.653798 0.669271  8 6 0 -3.009244 -1.369394 1.822740  9 6 0 -4.319167 -1.755707 2.182593  10 6 0 -5.381074 -1.426780 1.379505  11 6 0 -5.177464 -0.707970 0.173676  12 6 0 -3.849196 -0.318869 -0.198626  13 6 0 -3.669935 0.371590 -1.427760  14 6 0 -4.741126 0.678317 -2.232197  15 6 0 -6.051312 0.308241 -1.854472  16 6 0 -6.260312 -0.371742 -0.680384  17 6 0 2.758690 0.654029 -0.669295  18 6 0 3.849169 0.318791 0.198666  19 6 0 5.177503 0.707873 -0.173408  20 6 0 5.381303 1.426928 -1.379069  21 6 0 4.319527 1.756050 -2.182238  22 6 0 3.009526 1.369750 -1.822606  23 6 0 3.669757 -0.371898 1.427622  24 6 0 4.740855 -0.678876 2.232109  25 6 0 6.051097 -0.308831 1.854602  26 6 0 6.260246 0.371399 0.680672  27 6 0 -1.732561 2.153097 0.828825  28 7 0 -1.345452 3.362604 0.804119  29 6 0 -2.262228 4.381648 1.272896  30 6 0 1.732443 -2.152942 -0.829301  31 7 0 1.345495 -3.362491 -0.804037  32 6 0 2.262118 -4.381533 -1.273117  33 1 0 0.814900 2.320838 0.122647  34 1 0 -0.814835 -2.320681 -0.122807  35 1 0 -2.180789 -1.629105 2.472112  36 1 0 -4.477202 -2.310727 3.100387  37 1 0 -6.390604 -1.716487 1.651627  38 1 0 -2.669704 0.652298 -1.732447  39 1 0 -4.580651 1.204304 -3.166598  40 1 0 -6.887928 0.557086 -2.497599  41 1 0 -7.262445 -0.667846 -0.387891  42 1 0 6.390872 1.716676 -1.651006  43 1 0 4.477700 2.311254 -3.099893  44 1 0 2.181197 1.629664 -2.472068  45 1 0 2.669492 -0.652580 1.732209  46 1 0 4.580226 -1.205051 3.166379  47 1 0 6.887637 -0.557882 2.497746  48 1 0 7.262424 0.667511 0.388344  49 1 0 -2.731553 1.876723 1.189010  50 1 0 -3.232338 3.985381 1.608306  51 1 0 2.731203 -1.876584 -1.190138  52 1 0 3.232013 -3.985246 -1.609128  53 1 0 -1.797536 4.930479 2.098254  54 1 0 -2.433332 5.106889 0.471021  55 1 0 2.433738 -5.106592 -0.471185  56 1 0 1.797038 -4.930586 -2.098108 |
| TM\_NP\_model\_scan\_m\_110\_p\_120 | 1 6 0 -1.341450 0.343265 0.315335  2 6 0 -0.444073 1.328321 -0.094938  3 6 0 0.887477 1.043438 -0.416873  4 6 0 1.347919 -0.289117 -0.327143  5 6 0 0.452077 -1.275031 0.080869  6 6 0 -0.879344 -0.989938 0.404947  7 6 0 2.754466 -0.683950 -0.651913  8 6 0 3.000156 -1.429571 -1.787228  9 6 0 4.306688 -1.839454 -2.133250  10 6 0 5.369924 -1.503560 -1.334764  11 6 0 5.170975 -0.754143 -0.146914  12 6 0 3.846123 -0.341555 0.211768  13 6 0 3.670886 0.379133 1.424024  14 6 0 4.743081 0.692856 2.224420  15 6 0 6.050227 0.300043 1.859386  16 6 0 6.255078 -0.409724 0.702319  17 6 0 -2.751955 0.742704 0.609296  18 6 0 -3.854357 0.280834 -0.185038  19 6 0 -5.177930 0.725208 0.141048  20 6 0 -5.366617 1.628683 1.217975  21 6 0 -4.293039 2.091453 1.934793  22 6 0 -2.988695 1.652467 1.621903  23 6 0 -3.693499 -0.573354 -1.309933  24 6 0 -4.775659 -0.989064 -2.048030  25 6 0 -6.081581 -0.573897 -1.704665  26 6 0 -6.273423 0.267082 -0.637089  27 6 0 1.769965 2.131272 -0.887173  28 7 0 1.401497 3.346797 -0.893680  29 6 0 2.333039 4.338964 -1.390279  30 6 0 -1.749212 -2.075918 0.903738  31 7 0 -1.394892 -3.295153 0.872358  32 6 0 -2.306751 -4.284112 1.410338  33 1 0 -0.776066 2.353855 -0.198562  34 1 0 0.783722 -2.301277 0.179066  35 1 0 2.170835 -1.694642 -2.433328  36 1 0 4.461150 -2.417855 -3.037105  37 1 0 6.376890 -1.811019 -1.596700  38 1 0 2.672969 0.677689 1.719153  39 1 0 4.585721 1.242242 3.145799  40 1 0 6.887682 0.555024 2.499015  41 1 0 7.254722 -0.723556 0.419995  42 1 0 -6.373306 1.955816 1.455960  43 1 0 -4.437914 2.792697 2.748796  44 1 0 -2.151630 2.017517 2.206200  45 1 0 -2.698587 -0.890772 -1.593967  46 1 0 -4.626388 -1.636236 -2.905018  47 1 0 -6.927180 -0.912575 -2.292637  48 1 0 -7.271058 0.604326 -0.375508  49 1 0 2.764018 1.830123 -1.241020  50 1 0 3.295665 3.918856 -1.718164  51 1 0 -2.717653 -1.769524 1.318742  52 1 0 -3.243054 -3.858383 1.801119  53 1 0 1.874721 4.874246 -2.227985  54 1 0 2.518219 5.081280 -0.607357  55 1 0 -2.547230 -5.012794 0.629677  56 1 0 -1.805455 -4.836557 2.211499 |
| TM\_NP\_model\_scan\_m\_110\_p\_130 | 1 6 0 -1.337753 0.391415 0.312423  2 6 0 -0.423918 1.360915 -0.103519  3 6 0 0.905018 1.058866 -0.417624  4 6 0 1.347844 -0.279341 -0.325492  5 6 0 0.438308 -1.250694 0.086645  6 6 0 -0.889161 -0.947142 0.409490  7 6 0 2.748648 -0.694213 -0.649330  8 6 0 2.983678 -1.445449 -1.783220  9 6 0 4.284454 -1.873320 -2.129115  10 6 0 5.352483 -1.550101 -1.331784  11 6 0 5.164121 -0.796312 -0.144957  12 6 0 3.845099 -0.365332 0.213547  13 6 0 3.679856 0.358867 1.425096  14 6 0 4.756350 0.658726 2.225043  15 6 0 6.057974 0.247937 1.860094  16 6 0 6.252976 -0.465588 0.703624  17 6 0 -2.750611 0.811293 0.556717  18 6 0 -3.859346 0.250818 -0.166845  19 6 0 -5.181519 0.734267 0.108846  20 6 0 -5.364272 1.781398 1.047174  21 6 0 -4.284790 2.349749 1.673171  22 6 0 -2.984066 1.869411 1.416635  23 6 0 -3.710453 -0.729224 -1.186500  24 6 0 -4.799353 -1.236681 -1.853869  25 6 0 -6.103793 -0.792620 -1.543838  26 6 0 -6.284972 0.175607 -0.588633  27 6 0 1.802299 2.134420 -0.888527  28 7 0 1.450577 3.354857 -0.895359  29 6 0 2.395729 4.334162 -1.391918  30 6 0 -1.756677 -2.017184 0.947356  31 7 0 -1.431913 -3.243609 0.892799  32 6 0 -2.332897 -4.214254 1.480377  33 1 0 -0.743047 2.388444 -0.224556  34 1 0 0.756922 -2.280200 0.193278  35 1 0 2.150548 -1.700340 -2.428514  36 1 0 4.430755 -2.455308 -3.032022  37 1 0 6.355152 -1.871276 -1.593745  38 1 0 2.686066 0.671038 1.720100  39 1 0 4.606594 1.210871 3.146036  40 1 0 6.898945 0.492016 2.499360  41 1 0 7.248223 -0.793233 0.421453  42 1 0 -6.370173 2.135647 1.246399  43 1 0 -4.422724 3.165110 2.374185  44 1 0 -2.145050 2.315434 1.938472  45 1 0 -2.719137 -1.071380 -1.451454  46 1 0 -4.655242 -1.978532 -2.631326  47 1 0 -6.955229 -1.206150 -2.072448  48 1 0 -7.280181 0.542069 -0.359091  49 1 0 2.792305 1.819400 -1.241563  50 1 0 3.352738 3.900913 -1.719093  51 1 0 -2.692957 -1.690495 1.417061  52 1 0 -3.234905 -3.769484 1.926622  53 1 0 1.945166 4.875185 -2.230129  54 1 0 2.590551 5.074241 -0.609219  55 1 0 -2.635224 -4.933620 0.712706  56 1 0 -1.798286 -4.781476 2.249000 |
| TM\_NP\_model\_scan\_m\_110\_p\_140 | 1 6 0 -1.336973 0.420181 0.331992  2 6 0 -0.410940 1.384496 -0.074985  3 6 0 0.915277 1.076841 -0.391403  4 6 0 1.346454 -0.266457 -0.323833  5 6 0 0.427911 -1.234229 0.075500  6 6 0 -0.895985 -0.923797 0.406228  7 6 0 2.741842 -0.689444 -0.659259  8 6 0 2.965383 -1.423627 -1.806572  9 6 0 4.260801 -1.857350 -2.165006  10 6 0 5.334937 -1.556914 -1.366994  11 6 0 5.158332 -0.821282 -0.166990  12 6 0 3.844757 -0.384457 0.204230  13 6 0 3.691049 0.321311 1.428093  14 6 0 4.773479 0.598273 2.228301  15 6 0 6.069779 0.181707 1.851193  16 6 0 6.253566 -0.514342 0.682270  17 6 0 -2.754377 0.849912 0.528713  18 6 0 -3.864578 0.224090 -0.142861  19 6 0 -5.186822 0.736349 0.080901  20 6 0 -5.369643 1.882991 0.893510  21 6 0 -4.288018 2.524564 1.439696  22 6 0 -2.989994 2.014307 1.241095  23 6 0 -3.721806 -0.838104 -1.078186  24 6 0 -4.812635 -1.404258 -1.693161  25 6 0 -6.117102 -0.940975 -1.414647  26 6 0 -6.293471 0.112228 -0.553743  27 6 0 1.820489 2.152674 -0.846734  28 7 0 1.479521 3.376042 -0.831133  29 6 0 2.431349 4.355698 -1.314167  30 6 0 -1.752556 -1.991305 0.968754  31 7 0 -1.444472 -3.220420 0.888530  32 6 0 -2.326403 -4.186686 1.511274  33 1 0 -0.719943 2.414902 -0.194781  34 1 0 0.737231 -2.267716 0.170035  35 1 0 2.127309 -1.659819 -2.452561  36 1 0 4.398204 -2.425461 -3.078085  37 1 0 6.333608 -1.882534 -1.638583  38 1 0 2.701298 0.637582 1.732194  39 1 0 4.632467 1.136553 3.158831  40 1 0 6.915555 0.407500 2.490831  41 1 0 7.244642 -0.846238 0.390545  42 1 0 -6.375628 2.256268 1.053397  43 1 0 -4.422443 3.420259 2.035379  44 1 0 -2.153097 2.518641 1.710280  45 1 0 -2.733169 -1.197105 -1.327212  46 1 0 -4.668471 -2.207351 -2.407140  47 1 0 -6.970498 -1.403267 -1.897700  48 1 0 -7.287189 0.500729 -0.356331  49 1 0 2.806598 1.835099 -1.208220  50 1 0 3.383835 3.920115 -1.651226  51 1 0 -2.661737 -1.658417 1.485318  52 1 0 -3.200287 -3.736412 2.005376  53 1 0 1.982956 4.914083 -2.142093  54 1 0 2.634412 5.081154 -0.519970  55 1 0 -2.674449 -4.895374 0.753078  56 1 0 -1.761167 -4.766893 2.247594 |
| TM\_NP\_model\_scan\_m\_110\_p\_150 | 1 6 0 1.339080 0.444427 -0.371125  2 6 0 0.401730 1.408466 0.017437  3 6 0 -0.921462 1.100899 0.343060  4 6 0 -1.343419 -0.246560 0.317220  5 6 0 -0.417998 -1.215697 -0.060395  6 6 0 0.902139 -0.904308 -0.404570  7 6 0 -2.731973 -0.672452 0.675232  8 6 0 -2.938468 -1.376273 1.844652  9 6 0 -4.226355 -1.812161 2.226485  10 6 0 -5.310145 -1.544260 1.429971  11 6 0 -5.151185 -0.840320 0.208633  12 6 0 -3.845235 -0.401171 -0.186173  13 6 0 -3.709191 0.272888 -1.429863  14 6 0 -4.801215 0.517363 -2.227610  15 6 0 -6.089925 0.098189 -1.827978  16 6 0 -6.256646 -0.567438 -0.638923  17 6 0 2.762985 0.877867 -0.516881  18 6 0 3.868434 0.200394 0.119087  19 6 0 5.194195 0.726446 -0.052857  20 6 0 5.386139 1.944311 -0.750383  21 6 0 4.307396 2.645037 -1.224127  22 6 0 3.009263 2.118671 -1.085682  23 6 0 3.722321 -0.916596 0.988374  24 6 0 4.809001 -1.527880 1.566621  25 6 0 6.117063 -1.060016 1.316175  26 6 0 6.297923 0.050845 0.532859  27 6 0 -1.831018 2.182845 0.775226  28 7 0 -1.497687 3.407445 0.727307  29 6 0 -2.452689 4.393212 1.191432  30 6 0 1.743115 -1.977170 -0.983616  31 7 0 1.439122 -3.205888 -0.886446  32 6 0 2.299234 -4.174695 -1.535197  33 1 0 0.699545 2.442901 0.125508  34 1 0 -0.718986 -2.253537 -0.130817  35 1 0 -2.092428 -1.586208 2.489292  36 1 0 -4.350410 -2.356002 3.156099  37 1 0 -6.303203 -1.871770 1.719329  38 1 0 -2.725277 0.590598 -1.751006  39 1 0 -4.673675 1.031601 -3.173558  40 1 0 -6.943393 0.298027 -2.466021  41 1 0 -7.241776 -0.901008 -0.329505  42 1 0 6.394441 2.325749 -0.871323  43 1 0 4.444146 3.599430 -1.719631  44 1 0 2.180981 2.671006 -1.513351  45 1 0 2.733623 -1.281137 1.225069  46 1 0 4.657133 -2.370127 2.232247  47 1 0 6.967584 -1.560236 1.765264  48 1 0 7.292804 0.450611 0.366290  49 1 0 -2.813370 1.868502 1.149502  50 1 0 -3.401391 3.960629 1.542654  51 1 0 2.633407 -1.646444 -1.533589  52 1 0 3.155092 -3.726263 -2.061484  53 1 0 -2.003817 4.972846 2.004370  54 1 0 -2.662904 5.099019 0.381580  55 1 0 2.674195 -4.879847 -0.786586  56 1 0 1.709103 -4.758407 -2.248868 |
| TM\_NP\_model\_scan\_m\_110\_p\_160 | 1 6 0 1.343426 0.469872 -0.407214  2 6 0 0.392541 1.434754 -0.046460  3 6 0 -0.928446 1.130068 0.287955  4 6 0 -1.341197 -0.219835 0.314023  5 6 0 -0.408810 -1.191515 -0.036174  6 6 0 0.907638 -0.881896 -0.394896  7 6 0 -2.722539 -0.645902 0.697449  8 6 0 -2.911397 -1.309923 1.892936  9 6 0 -4.190842 -1.746777 2.300873  10 6 0 -5.283841 -1.520675 1.504060  11 6 0 -5.142918 -0.858985 0.257087  12 6 0 -3.845639 -0.418132 -0.163687  13 6 0 -3.727611 0.213062 -1.431490  14 6 0 -4.828680 0.414786 -2.228786  15 6 0 -6.108811 -0.006354 -1.804368  16 6 0 -6.258078 -0.630794 -0.590868  17 6 0 2.773583 0.907095 -0.500216  18 6 0 3.874908 0.181028 0.097348  19 6 0 5.205591 0.709791 -0.031960  20 6 0 5.407335 1.984842 -0.613486  21 6 0 4.330992 2.737697 -1.004126  22 6 0 3.031670 2.204923 -0.921514  23 6 0 3.725176 -0.979515 0.907548  24 6 0 4.807821 -1.635265 1.443518  25 6 0 6.120182 -1.173334 1.207588  26 6 0 6.306471 -0.015722 0.497297  27 6 0 -1.843097 2.220808 0.686502  28 7 0 -1.517237 3.445127 0.597798  29 6 0 -2.476714 4.439910 1.032590  30 6 0 1.729742 -1.964121 -0.987532  31 7 0 1.423591 -3.190957 -0.876576  32 6 0 2.259211 -4.165826 -1.547861  33 1 0 0.675644 2.474296 0.042530  34 1 0 -0.701330 -2.233307 -0.077802  35 1 0 -2.057697 -1.486971 2.537328  36 1 0 -4.301054 -2.258289 3.250370  37 1 0 -6.270557 -1.849487 1.812993  38 1 0 -2.750343 0.531440 -1.771796  39 1 0 -4.714938 0.896157 -3.193615  40 1 0 -6.969439 0.159455 -2.442534  41 1 0 -7.236433 -0.965547 -0.261887  42 1 0 6.418347 2.367833 -0.702100  43 1 0 4.469992 3.738637 -1.396295  44 1 0 2.215014 2.803695 -1.305248  45 1 0 2.736080 -1.341273 1.142843  46 1 0 4.647866 -2.507825 2.066868  47 1 0 6.967962 -1.710565 1.617305  48 1 0 7.303458 0.387596 0.353445  49 1 0 -2.822669 1.913183 1.073448  50 1 0 -3.422441 4.013488 1.398986  51 1 0 2.603894 -1.639593 -1.566420  52 1 0 3.100695 -3.722871 -2.101274  53 1 0 -2.029607 5.046930 1.826295  54 1 0 -2.692112 5.118941 0.201505  55 1 0 2.653914 -4.870346 -0.808829  56 1 0 1.645286 -4.749169 -2.241487 |
| TM\_NP\_model\_scan\_m\_120\_m\_0 | 1 6 0 1.459320 0.533110 0.066397  2 6 0 0.743944 -0.618027 -0.312156  3 6 0 -0.637918 -0.665073 -0.512571  4 6 0 -1.389721 0.522821 -0.423019  5 6 0 -0.696810 1.693551 -0.121726  6 6 0 0.680459 1.730640 0.108607  7 6 0 -2.867968 0.587123 -0.617656  8 6 0 -3.371799 1.380471 -1.630860  9 6 0 -4.759566 1.498669 -1.858255  10 6 0 -5.649168 0.827353 -1.058834  11 6 0 -5.188712 0.026656 0.017459  12 6 0 -3.780334 -0.091201 0.258310  13 6 0 -3.354393 -0.851778 1.381084  14 6 0 -4.261390 -1.485651 2.196136  15 6 0 -5.647070 -1.392185 1.937863  16 6 0 -6.096337 -0.648341 0.875458  17 6 0 2.945451 0.512111 -0.131948  18 6 0 3.748539 -0.674390 0.125098  19 6 0 5.157623 -0.633481 -0.155077  20 6 0 5.774814 0.591826 -0.509641  21 6 0 5.036312 1.742975 -0.537423  22 6 0 3.644892 1.697332 -0.319825  23 6 0 3.261319 -1.868599 0.728276  24 6 0 4.062906 -2.970719 0.916109  25 6 0 5.414014 -2.957640 0.515454  26 6 0 5.948303 -1.801370 0.007812  27 6 0 -1.256049 -1.940545 -0.933382  28 7 0 -0.637714 -3.047375 -0.859896  29 6 0 -1.314299 -4.239817 -1.329042  30 6 0 1.202591 3.010170 0.650258  31 7 0 0.694023 4.135930 0.356203  32 6 0 1.211200 5.313022 1.025895  33 1 0 1.267511 -1.530413 -0.547640  34 1 0 -1.237554 2.625608 -0.018521  35 1 0 -2.680394 1.905261 -2.280429  36 1 0 -5.114319 2.118883 -2.673571  37 1 0 -6.717281 0.906647 -1.231771  38 1 0 -2.297055 -0.922234 1.600940  39 1 0 -3.911757 -2.057037 3.048656  40 1 0 -6.351956 -1.900021 2.586441  41 1 0 -7.159568 -0.558055 0.678459  42 1 0 6.839715 0.604359 -0.715758  43 1 0 5.504606 2.696033 -0.755277  44 1 0 3.100818 2.616178 -0.479080  45 1 0 2.245876 -1.913783 1.089828  46 1 0 3.648913 -3.853850 1.389435  47 1 0 6.030212 -3.840131 0.644509  48 1 0 7.000930 -1.747435 -0.249895  49 1 0 -2.279001 -1.877302 -1.325656  50 1 0 -2.330052 -4.053081 -1.708246  51 1 0 2.020867 2.922961 1.378566  52 1 0 2.029573 5.099628 1.730564  53 1 0 -0.718127 -4.701714 -2.122380  54 1 0 -1.368314 -4.966775 -0.512526  55 1 0 1.563973 6.029002 0.276936  56 1 0 0.397293 5.803311 1.569459 |
| TM\_NP\_model\_scan\_m\_120\_m\_10 | 1 6 0 1.456077 0.503782 -0.016007  2 6 0 0.731285 -0.636509 -0.401537  3 6 0 -0.654241 -0.662440 -0.577390  4 6 0 -1.391360 0.531336 -0.434653  5 6 0 -0.685766 1.687027 -0.106151  6 6 0 0.697029 1.705228 0.094848  7 6 0 -2.873230 0.613048 -0.596190  8 6 0 -3.390746 1.441306 -1.573900  9 6 0 -4.781765 1.578734 -1.768204  10 6 0 -5.660711 0.892332 -0.969897  11 6 0 -5.185348 0.056931 0.073063  12 6 0 -3.773379 -0.081049 0.279954  13 6 0 -3.331294 -0.876357 1.372077  14 6 0 -4.227126 -1.523326 2.189192  15 6 0 -5.617002 -1.409594 1.963545  16 6 0 -6.081261 -0.632817 0.931599  17 6 0 2.939768 0.479605 -0.204509  18 6 0 3.745080 -0.678507 0.135326  19 6 0 5.158449 -0.641087 -0.118538  20 6 0 5.765143 0.558332 -0.567943  21 6 0 5.011902 1.690478 -0.724631  22 6 0 3.618686 1.648774 -0.518655  23 6 0 3.243227 -1.842129 0.783243  24 6 0 4.047761 -2.922685 1.060016  25 6 0 5.413715 -2.913373 0.710338  26 6 0 5.954656 -1.786132 0.147009  27 6 0 -1.296758 -1.917574 -1.022181  28 7 0 -0.688159 -3.031980 -1.002281  29 6 0 -1.390481 -4.201923 -1.489843  30 6 0 1.263828 2.957923 0.650561  31 7 0 0.733505 4.094500 0.450868  32 6 0 1.310820 5.242926 1.120785  33 1 0 1.249110 -1.549209 -0.654572  34 1 0 -1.217901 2.618147 0.041613  35 1 0 -2.708119 1.978758 -2.222392  36 1 0 -5.147615 2.225995 -2.557171  37 1 0 -6.731429 0.986295 -1.117572  38 1 0 -2.270272 -0.962666 1.567351  39 1 0 -3.865330 -2.120832 3.018422  40 1 0 -6.312981 -1.928117 2.613292  41 1 0 -7.147474 -0.526828 0.760218  42 1 0 6.833751 0.568636 -0.754288  43 1 0 5.472638 2.622418 -1.031796  44 1 0 3.056114 2.539338 -0.760805  45 1 0 2.211502 -1.877575 1.098674  46 1 0 3.625906 -3.785965 1.562162  47 1 0 6.033907 -3.778685 0.914858  48 1 0 7.013869 -1.739722 -0.083776  49 1 0 -2.329283 -1.831669 -1.383757  50 1 0 -2.414310 -3.992878 -1.834220  51 1 0 2.144534 2.840860 1.296602  52 1 0 2.186168 5.000910 1.742827  53 1 0 -0.821635 -4.644410 -2.313740  54 1 0 -1.429741 -4.954056 -0.695579  55 1 0 1.600705 5.988698 0.373822  56 1 0 0.548723 5.711341 1.751744 |
| TM\_NP\_model\_scan\_m\_120\_m\_20 | 1 6 0 1.452253 0.478940 -0.097974  2 6 0 0.717834 -0.649257 -0.492286  3 6 0 -0.670825 -0.655000 -0.643040  4 6 0 -1.392539 0.541910 -0.444872  5 6 0 -0.673214 1.681245 -0.090198  6 6 0 0.714404 1.681392 0.080809  7 6 0 -2.877324 0.640128 -0.571415  8 6 0 -3.408759 1.503629 -1.510283  9 6 0 -4.802420 1.659394 -1.668812  10 6 0 -5.669753 0.956366 -0.872422  11 6 0 -5.179132 0.085329 0.133751  12 6 0 -3.764259 -0.071876 0.303928  13 6 0 -3.305496 -0.903139 1.361874  14 6 0 -4.188971 -1.564963 2.180568  15 6 0 -5.582398 -1.431622 1.990394  16 6 0 -6.062154 -0.620958 0.992119  17 6 0 2.935900 0.448432 -0.264584  18 6 0 3.736636 -0.682578 0.150281  19 6 0 5.153352 -0.653193 -0.080995  20 6 0 5.756960 0.512021 -0.616881  21 6 0 4.997570 1.619185 -0.887957  22 6 0 3.602402 1.586905 -0.692701  23 6 0 3.216957 -1.812675 0.840789  24 6 0 4.018286 -2.870873 1.199531  25 6 0 5.395561 -2.867734 0.894251  26 6 0 5.947645 -1.773742 0.278082  27 6 0 -1.337245 -1.888618 -1.112152  28 7 0 -0.737700 -3.007337 -1.151867  29 6 0 -1.464801 -4.153905 -1.657945  30 6 0 1.323495 2.910372 0.641226  31 7 0 0.781756 4.053132 0.522882  32 6 0 1.413578 5.177971 1.183395  33 1 0 1.228923 -1.562018 -0.763225  34 1 0 -1.195683 2.610058 0.100712  35 1 0 -2.735750 2.055109 -2.157045  36 1 0 -5.179628 2.334337 -2.428705  37 1 0 -6.742574 1.064422 -0.992744  38 1 0 -2.241181 -1.005001 1.529922  39 1 0 -3.814491 -2.189562 2.983806  40 1 0 -6.268613 -1.962137 2.640848  41 1 0 -7.130862 -0.499922 0.848486  42 1 0 6.828438 0.516949 -0.786425  43 1 0 5.457234 2.521890 -1.274032  44 1 0 3.029004 2.450457 -1.002470  45 1 0 2.172598 -1.837060 1.115144  46 1 0 3.586520 -3.711883 1.730261  47 1 0 6.014367 -3.714707 1.168140  48 1 0 7.012121 -1.737539 0.070860  49 1 0 -2.379634 -1.782037 -1.437999  50 1 0 -2.497268 -3.925548 -1.961991  51 1 0 2.252324 2.771537 1.210268  52 1 0 2.335807 4.915063 1.723707  53 1 0 -0.925909 -4.570955 -2.514622  54 1 0 -1.485175 -4.933653 -0.890024  55 1 0 1.643940 5.949237 0.441596  56 1 0 0.705846 5.623879 1.889549 |
| TM\_NP\_model\_scan\_m\_120\_m\_30 | 1 6 0 1.449256 0.459390 -0.182284  2 6 0 0.703295 -0.654864 -0.586481  3 6 0 -0.688027 -0.640729 -0.710366  4 6 0 -1.392740 0.556560 -0.453346  5 6 0 -0.657654 1.677871 -0.074574  6 6 0 0.734335 1.660490 0.062966  7 6 0 -2.879633 0.670533 -0.541821  8 6 0 -3.425525 1.570063 -1.437482  9 6 0 -4.821108 1.742528 -1.557232  10 6 0 -5.675614 1.019549 -0.764932  11 6 0 -5.169129 0.110826 0.199185  12 6 0 -3.752054 -0.063359 0.330147  13 6 0 -3.275901 -0.933183 1.348702  14 6 0 -4.145508 -1.614675 2.166077  15 6 0 -5.541809 -1.463969 2.013670  16 6 0 -6.037773 -0.616789 1.054396  17 6 0 2.933537 0.415911 -0.326231  18 6 0 3.722444 -0.686089 0.167956  19 6 0 5.141653 -0.674477 -0.044880  20 6 0 5.750206 0.442272 -0.671247  21 6 0 4.993691 1.519182 -1.053266  22 6 0 3.596743 1.506256 -0.866129  23 6 0 3.180660 -1.770751 0.911300  24 6 0 3.972076 -2.802804 1.356679  25 6 0 5.357842 -2.814341 1.089384  26 6 0 5.926360 -1.766078 0.411216  27 6 0 -1.378609 -1.850728 -1.205331  28 7 0 -0.788338 -2.969994 -1.311743  29 6 0 -1.539744 -4.091220 -1.838318  30 6 0 1.384832 2.866972 0.622625  31 7 0 0.835111 4.011739 0.589049  32 6 0 1.519366 5.114356 1.234354  33 1 0 1.205688 -1.567366 -0.877637  34 1 0 -1.168481 2.603229 0.159936  35 1 0 -2.763164 2.137923 -2.081044  36 1 0 -5.210173 2.446382 -2.284212  37 1 0 -6.749979 1.140368 -0.855819  38 1 0 -2.208806 -1.048974 1.487488  39 1 0 -3.757664 -2.268576 2.939089  40 1 0 -6.217200 -2.010261 2.662391  41 1 0 -7.108471 -0.482489 0.940364  42 1 0 6.823713 0.434499 -0.827544  43 1 0 5.458712 2.381548 -1.517320  44 1 0 3.020026 2.342645 -1.240629  45 1 0 2.126578 -1.778079 1.149484  46 1 0 3.527412 -3.612056 1.924846  47 1 0 5.969487 -3.639616 1.436019  48 1 0 6.995040 -1.746618 0.224368  49 1 0 -2.430609 -1.725111 -1.490741  50 1 0 -2.581498 -3.846625 -2.094221  51 1 0 2.357094 2.711248 1.107739  52 1 0 2.484038 4.835451 1.685059  53 1 0 -1.034840 -4.473635 -2.731119  54 1 0 -1.535928 -4.902736 -1.103781  55 1 0 1.685664 5.912883 0.504380  56 1 0 0.873145 5.531522 2.013341 |
| TM\_NP\_model\_scan\_m\_120\_m\_40 | 1 6 0 1.447484 0.443974 -0.265673  2 6 0 0.689137 -0.655354 -0.680353  3 6 0 -0.704386 -0.623209 -0.776102  4 6 0 -1.391515 0.571524 -0.460945  5 6 0 -0.640098 1.674028 -0.059774  6 6 0 0.755155 1.640531 0.043796  7 6 0 -2.879425 0.700377 -0.511401  8 6 0 -3.437618 1.634959 -1.362399  9 6 0 -4.833899 1.823961 -1.442888  10 6 0 -5.676591 1.081388 -0.656130  11 6 0 -5.156454 0.135012 0.263451  12 6 0 -3.738387 -0.055684 0.355038  13 6 0 -3.247083 -0.964690 1.331276  14 6 0 -4.103761 -1.667086 2.144572  15 6 0 -5.501748 -1.499358 2.030182  16 6 0 -6.011760 -0.614866 1.112884  17 6 0 2.932938 0.382721 -0.387745  18 6 0 3.705180 -0.685725 0.189184  19 6 0 5.125872 -0.700585 -0.009868  20 6 0 5.744947 0.353131 -0.728760  21 6 0 4.997583 1.393153 -1.218057  22 6 0 3.599406 1.407879 -1.037043  23 6 0 3.139260 -1.713308 0.992637  24 6 0 3.915797 -2.715223 1.523918  25 6 0 5.307250 -2.749218 1.286634  26 6 0 5.895381 -1.758292 0.541725  27 6 0 -1.418530 -1.809552 -1.294252  28 7 0 -0.838926 -2.926495 -1.464790  29 6 0 -1.614472 -4.022574 -2.008912  30 6 0 1.443942 2.826637 0.598626  31 7 0 0.890692 3.969166 0.649051  32 6 0 1.623215 5.053519 1.271412  33 1 0 1.181717 -1.566920 -0.993054  34 1 0 -1.138253 2.594707 0.216823  35 1 0 -2.785141 2.218883 -2.001660  36 1 0 -5.233017 2.556249 -2.135528  37 1 0 -6.751564 1.214915 -0.717125  38 1 0 -2.178157 -1.094267 1.440654  39 1 0 -3.704147 -2.351064 2.884866  40 1 0 -6.167117 -2.062300 2.675008  41 1 0 -7.083524 -0.467651 1.028584  42 1 0 6.819616 0.326217 -0.874868  43 1 0 5.472006 2.204210 -1.758808  44 1 0 3.025009 2.215272 -1.475312  45 1 0 2.078239 -1.698811 1.200556  46 1 0 3.456388 -3.483514 2.135591  47 1 0 5.907459 -3.549452 1.704681  48 1 0 6.966892 -1.761308 0.370771  49 1 0 -2.478621 -1.667796 -1.538987  50 1 0 -2.664335 -3.765009 -2.213805  51 1 0 2.452885 2.659407 0.996369  52 1 0 2.620896 4.764318 1.635240  53 1 0 -1.145738 -4.367604 -2.936047  54 1 0 -1.585401 -4.864772 -1.310375  55 1 0 1.730254 5.874243 0.555034  56 1 0 1.040378 5.444926 2.111364 |
| TM\_NP\_model\_scan\_m\_120\_m\_50 | 1 6 0 1.447113 0.430305 -0.352966  2 6 0 0.673895 -0.652339 -0.778223  3 6 0 -0.721221 -0.602715 -0.844165  4 6 0 -1.388763 0.587399 -0.471608  5 6 0 -0.619133 1.670287 -0.052283  6 6 0 0.778365 1.621204 0.015423  7 6 0 -2.876587 0.730359 -0.481347  8 6 0 -3.447046 1.697848 -1.286076  9 6 0 -4.842989 1.902272 -1.324103  10 6 0 -5.672872 1.140842 -0.541775  11 6 0 -5.139060 0.158255 0.330745  12 6 0 -3.721017 -0.047686 0.379950  13 6 0 -3.214476 -0.995189 1.310665  14 6 0 -4.057291 -1.719328 2.119304  15 6 0 -5.456048 -1.535761 2.045949  16 6 0 -5.980122 -0.614292 1.174149  17 6 0 2.933645 0.344298 -0.457680  18 6 0 3.684071 -0.680305 0.213006  19 6 0 5.105234 -0.733235 0.027071  20 6 0 5.740923 0.236734 -0.789098  21 6 0 5.009205 1.229263 -1.389157  22 6 0 3.610315 1.282166 -1.216423  23 6 0 3.090685 -1.630731 1.087953  24 6 0 3.846385 -2.593676 1.712606  25 6 0 5.241228 -2.661549 1.501225  26 6 0 5.853118 -1.747429 0.680631  27 6 0 -1.459699 -1.764685 -1.382876  28 7 0 -0.894127 -2.878450 -1.611687  29 6 0 -1.694698 -3.948468 -2.171165  30 6 0 1.503401 2.788648 0.561335  31 7 0 0.949426 3.923338 0.701955  32 6 0 1.726470 4.992539 1.295281  33 1 0 1.154107 -1.562872 -1.113984  34 1 0 -1.102432 2.585992 0.264431  35 1 0 -2.805301 2.297369 -1.921752  36 1 0 -5.252187 2.661484 -1.980951  37 1 0 -6.747652 1.286186 -0.570531  38 1 0 -2.144445 -1.137742 1.388306  39 1 0 -3.645898 -2.433187 2.824069  40 1 0 -6.110608 -2.116026 2.686460  41 1 0 -7.052231 -0.455168 1.121799  42 1 0 6.816003 0.182812 -0.924584  43 1 0 5.497296 1.972967 -2.008840  44 1 0 3.045086 2.053668 -1.726588  45 1 0 2.025051 -1.586907 1.269246  46 1 0 3.368956 -3.305021 2.377093  47 1 0 5.825259 -3.429671 1.995516  48 1 0 6.926259 -1.781344 0.523713  49 1 0 -2.525559 -1.607315 -1.590039  50 1 0 -2.749103 -3.677444 -2.330355  51 1 0 2.544000 2.616325 0.863097  52 1 0 2.754806 4.701639 1.558183  53 1 0 -1.259625 -4.259526 -3.126347  54 1 0 -1.647650 -4.817432 -1.507277  55 1 0 1.762734 5.838979 0.602119  56 1 0 1.217859 5.347815 2.197245 |
| TM\_NP\_model\_scan\_m\_120\_m\_60 | 1 6 0 1.446502 0.411055 -0.453061  2 6 0 0.653916 -0.652964 -0.885509  3 6 0 -0.741786 -0.584000 -0.919241  4 6 0 -1.385330 0.602600 -0.494728  5 6 0 -0.593798 1.665861 -0.066759  6 6 0 0.804820 1.599080 -0.036951  7 6 0 -2.871576 0.759158 -0.457596  8 6 0 -3.456925 1.753026 -1.218180  9 6 0 -4.851383 1.970769 -1.207568  10 6 0 -5.664521 1.195523 -0.421207  11 6 0 -5.114060 0.184075 0.406792  12 6 0 -3.697179 -0.035204 0.407067  13 6 0 -3.171923 -1.013487 1.294493  14 6 0 -3.996736 -1.754087 2.106707  15 6 0 -5.395304 -1.556729 2.080949  16 6 0 -5.936605 -0.605516 1.252748  17 6 0 2.933335 0.290213 -0.545178  18 6 0 3.656533 -0.669039 0.238212  19 6 0 5.077044 -0.771251 0.072637  20 6 0 5.735548 0.083277 -0.847732  21 6 0 5.026125 1.008834 -1.569940  22 6 0 3.627217 1.111269 -1.413355  23 6 0 3.031564 -1.510241 1.198473  24 6 0 3.760488 -2.413933 1.933458  25 6 0 5.156989 -2.526810 1.752076  26 6 0 5.797173 -1.720470 0.844463  27 6 0 -1.507962 -1.721484 -1.471305  28 7 0 -0.961046 -2.832787 -1.751826  29 6 0 -1.789329 -3.876930 -2.319565  30 6 0 1.566806 2.748337 0.495085  31 7 0 1.019111 3.868699 0.738115  32 6 0 1.841383 4.922791 1.296037  33 1 0 1.117522 -1.564049 -1.243304  34 1 0 -1.058122 2.578621 0.285076  35 1 0 -2.829206 2.364218 -1.856739  36 1 0 -5.272991 2.751440 -1.830554  37 1 0 -6.738195 1.351223 -0.413043  38 1 0 -2.101432 -1.167030 1.335580  39 1 0 -3.571003 -2.491785 2.777575  40 1 0 -6.035809 -2.150217 2.723558  41 1 0 -7.008299 -0.436021 1.237383  42 1 0 6.810177 -0.005768 -0.967424  43 1 0 5.532308 1.661961 -2.271785  44 1 0 3.078998 1.833080 -2.008476  45 1 0 1.963333 -1.430217 1.351950  46 1 0 3.261475 -3.044208 2.660941  47 1 0 5.719763 -3.246641 2.335687  48 1 0 6.870925 -1.793424 0.706044  49 1 0 -2.577793 -1.547849 -1.641900  50 1 0 -2.844821 -3.590288 -2.439636  51 1 0 2.633299 2.576720 0.686279  52 1 0 2.893910 4.635701 1.440832  53 1 0 -1.385588 -4.163406 -3.295971  54 1 0 -1.732855 -4.766138 -1.683786  55 1 0 1.798613 5.798346 0.640409  56 1 0 1.423180 5.232014 2.259349 |
| TM\_NP\_model\_scan\_m\_120\_m\_70 | 1 6 0 1.442540 0.366044 -0.538730  2 6 0 0.628783 -0.682220 -0.965906  3 6 0 -0.766897 -0.592675 -0.969105  4 6 0 -1.383848 0.597477 -0.516219  5 6 0 -0.568816 1.644160 -0.090658  6 6 0 0.828804 1.556023 -0.091260  7 6 0 -2.866733 0.775534 -0.446224  8 6 0 -3.452105 1.787974 -1.181866  9 6 0 -4.842215 2.028262 -1.138069  10 6 0 -5.650495 1.257575 -0.342318  11 6 0 -5.098698 0.227887 0.461976  12 6 0 -3.686061 -0.015033 0.427760  13 6 0 -3.157766 -1.011946 1.292275  14 6 0 -3.976560 -1.747524 2.115082  15 6 0 -5.371747 -1.526267 2.123486  16 6 0 -5.915296 -0.556992 1.317993  17 6 0 2.928688 0.214227 -0.629583  18 6 0 3.643487 -0.644404 0.267193  19 6 0 5.060905 -0.788660 0.108342  20 6 0 5.722067 -0.076494 -0.924711  21 6 0 5.017710 0.747931 -1.764839  22 6 0 3.621100 0.890955 -1.613915  23 6 0 3.009634 -1.349768 1.325806  24 6 0 3.729778 -2.162161 2.168101  25 6 0 5.124675 -2.313013 2.000603  26 6 0 5.771947 -1.639023 0.995021  27 6 0 -1.561379 -1.713629 -1.514797  28 7 0 -1.036599 -2.829358 -1.819143  29 6 0 -1.892859 -3.856977 -2.375485  30 6 0 1.626552 2.690881 0.417330  31 7 0 1.099851 3.806096 0.721929  32 6 0 1.962443 4.849430 1.237569  33 1 0 1.073143 -1.597797 -1.336633  34 1 0 -1.012580 2.559748 0.279988  35 1 0 -2.828500 2.396598 -1.826883  36 1 0 -5.264417 2.822784 -1.742876  37 1 0 -6.720966 1.430818 -0.308299  38 1 0 -2.089458 -1.184266 1.307122  39 1 0 -3.548440 -2.499776 2.768029  40 1 0 -6.007541 -2.115815 2.774338  41 1 0 -6.984003 -0.369274 1.328847  42 1 0 6.794641 -0.194669 -1.037737  43 1 0 5.526268 1.289958 -2.554148  44 1 0 3.075742 1.534881 -2.294958  45 1 0 1.941703 -1.239708 1.464499  46 1 0 3.225594 -2.691281 2.968967  47 1 0 5.680671 -2.959146 2.670582  48 1 0 6.843849 -1.745218 0.863822  49 1 0 -2.632591 -1.524191 -1.657820  50 1 0 -2.946460 -3.554071 -2.469427  51 1 0 2.703787 2.514162 0.528221  52 1 0 3.021312 4.557298 1.305079  53 1 0 -1.515569 -4.142239 -3.362747  54 1 0 -1.835142 -4.751487 -1.747275  55 1 0 1.877842 5.734543 0.599031  56 1 0 1.612523 5.145531 2.231675 |
| TM\_NP\_model\_scan\_m\_120\_m\_80 | 1 6 0 1.432671 0.269888 -0.622099  2 6 0 0.587980 -0.767088 -1.011514  3 6 0 -0.805545 -0.643532 -0.990596  4 6 0 -1.384891 0.569016 -0.548234  5 6 0 -0.537263 1.606062 -0.163619  6 6 0 0.857369 1.484936 -0.193078  7 6 0 -2.861572 0.782336 -0.450236  8 6 0 -3.440408 1.793412 -1.192829  9 6 0 -4.823567 2.065739 -1.123855  10 6 0 -5.631009 1.328656 -0.296067  11 6 0 -5.084734 0.301910 0.515713  12 6 0 -3.678891 0.026654 0.456023  13 6 0 -3.154235 -0.966323 1.327338  14 6 0 -3.971234 -1.668613 2.180454  15 6 0 -5.360648 -1.415757 2.214459  16 6 0 -5.899819 -0.448874 1.403193  17 6 0 2.914877 0.074473 -0.721442  18 6 0 3.639808 -0.605116 0.309263  19 6 0 5.051805 -0.796485 0.155141  20 6 0 5.696645 -0.307961 -1.010098  21 6 0 4.981406 0.345400 -1.981215  22 6 0 3.589515 0.536043 -1.832946  23 6 0 3.017502 -1.090758 1.490879  24 6 0 3.746129 -1.734579 2.461842  25 6 0 5.136983 -1.928594 2.304331  26 6 0 5.771674 -1.469021 1.176963  27 6 0 -1.636914 -1.754147 -1.501049  28 7 0 -1.143795 -2.884673 -1.803960  29 6 0 -2.035666 -3.900066 -2.325714  30 6 0 1.697428 2.615066 0.252941  31 7 0 1.203446 3.737162 0.585443  32 6 0 2.109833 4.778106 1.025174  33 1 0 1.004187 -1.701821 -1.366725  34 1 0 -0.951759 2.540842 0.192858  35 1 0 -2.817805 2.375548 -1.862781  36 1 0 -5.241298 2.858017 -1.734677  37 1 0 -6.696376 1.526624 -0.242367  38 1 0 -2.090042 -1.163045 1.322388  39 1 0 -3.545915 -2.418950 2.837417  40 1 0 -5.995175 -1.979301 2.889135  41 1 0 -6.963613 -0.236899 1.433291  42 1 0 6.765427 -0.459710 -1.119034  43 1 0 5.477802 0.716773 -2.870653  44 1 0 3.035993 1.048172 -2.612139  45 1 0 1.951943 -0.947222 1.619039  46 1 0 3.252119 -2.097433 3.356182  47 1 0 5.699799 -2.440170 3.077012  48 1 0 6.839819 -1.612611 1.050828  49 1 0 -2.707002 -1.543433 -1.620649  50 1 0 -3.084145 -3.574628 -2.399425  51 1 0 2.778473 2.429194 0.287510  52 1 0 3.168158 4.476625 1.020211  53 1 0 -1.688214 -4.207213 -3.317365  54 1 0 -1.983195 -4.786987 -1.686388  55 1 0 1.987350 5.656318 0.383253  56 1 0 1.834519 5.089202 2.037963 |
| TM\_NP\_model\_scan\_m\_120\_m\_90 | 1 6 0 1.423227 0.144391 -0.708020  2 6 0 0.548916 -0.891400 -1.027321  3 6 0 -0.841143 -0.732740 -0.992765  4 6 0 -1.384495 0.516149 -0.611002  5 6 0 -0.506749 1.554650 -0.305068  6 6 0 0.883643 1.398310 -0.349539  7 6 0 -2.853802 0.766963 -0.493361  8 6 0 -3.430339 1.744241 -1.281432  9 6 0 -4.805718 2.049547 -1.196700  10 6 0 -5.606616 1.381442 -0.306372  11 6 0 -5.060618 0.395147 0.554317  12 6 0 -3.662770 0.085668 0.477321  13 6 0 -3.135955 -0.862556 1.396103  14 6 0 -3.944622 -1.490946 2.312481  15 6 0 -5.327067 -1.205317 2.365245  16 6 0 -5.867507 -0.280250 1.507378  17 6 0 2.899524 -0.101788 -0.784296  18 6 0 3.628400 -0.547495 0.364548  19 6 0 5.035713 -0.789083 0.244357  20 6 0 5.671605 -0.583015 -1.006945  21 6 0 4.951309 -0.157810 -2.094008  22 6 0 3.563554 0.082476 -1.979125  23 6 0 3.011853 -0.758757 1.627208  24 6 0 3.743045 -1.184884 2.709804  25 6 0 5.130498 -1.423988 2.588674  26 6 0 5.758810 -1.230009 1.383339  27 6 0 -1.707538 -1.850550 -1.422184  28 7 0 -1.247276 -3.008603 -1.667498  29 6 0 -2.174022 -4.030663 -2.109379  30 6 0 1.759035 2.538032 -0.008608  31 7 0 1.295979 3.678596 0.304807  32 6 0 2.236842 4.731707 0.627545  33 1 0 0.937408 -1.856819 -1.327537  34 1 0 -0.893503 2.519876 -0.002527  35 1 0 -2.812777 2.271850 -1.999510  36 1 0 -5.222823 2.812315 -1.844392  37 1 0 -6.666135 1.605149 -0.239467  38 1 0 -2.076796 -1.084102 1.376583  39 1 0 -3.517820 -2.207839 3.004904  40 1 0 -5.954970 -1.710627 3.090362  41 1 0 -6.925490 -0.042994 1.550694  42 1 0 6.737350 -0.769100 -1.089118  43 1 0 5.440871 -0.003552 -3.048985  44 1 0 3.006752 0.417684 -2.847060  45 1 0 1.948531 -0.580525 1.728178  46 1 0 3.253530 -1.340898 3.664578  47 1 0 5.695548 -1.761690 3.450179  48 1 0 6.823759 -1.412705 1.283410  49 1 0 -2.774634 -1.620876 -1.533742  50 1 0 -3.215194 -3.682884 -2.184685  51 1 0 2.838819 2.344218 -0.040507  52 1 0 3.290456 4.421053 0.562418  53 1 0 -1.853517 -4.408139 -3.085681  54 1 0 -2.131812 -4.876927 -1.416416  55 1 0 2.073594 5.578539 -0.046678  56 1 0 2.035857 5.094215 1.640682 |
| TM\_NP\_model\_scan\_m\_120\_m\_100 | 1 6 0 1.409951 -0.033762 -0.711835  2 6 0 0.508000 -1.077355 -0.903468  3 6 0 -0.877857 -0.882124 -0.879040  4 6 0 -1.388100 0.415444 -0.642644  5 6 0 -0.482869 1.459655 -0.459477  6 6 0 0.902544 1.265912 -0.494638  7 6 0 -2.849953 0.718743 -0.561879  8 6 0 -3.393434 1.617890 -1.459358  9 6 0 -4.759894 1.968909 -1.422657  10 6 0 -5.585544 1.426979 -0.471256  11 6 0 -5.073154 0.528980 0.499580  12 6 0 -3.684178 0.174543 0.471359  13 6 0 -3.190425 -0.678251 1.495970  14 6 0 -4.022925 -1.177282 2.468860  15 6 0 -5.397199 -0.850153 2.475401  16 6 0 -5.905481 -0.012636 1.514173  17 6 0 2.878024 -0.324364 -0.775080  18 6 0 3.661433 -0.455261 0.416847  19 6 0 5.060101 -0.745085 0.300348  20 6 0 5.633161 -0.903062 -0.987736  21 6 0 4.859494 -0.786711 -2.114178  22 6 0 3.480803 -0.498800 -2.003823  23 6 0 3.106483 -0.319631 1.717910  24 6 0 3.889219 -0.452886 2.839606  25 6 0 5.269745 -0.730377 2.722051  26 6 0 5.838090 -0.873907 1.480533  27 6 0 -1.772888 -2.021928 -1.169636  28 7 0 -1.343921 -3.214126 -1.257762  29 6 0 -2.296180 -4.259279 -1.573776  30 6 0 1.806149 2.421168 -0.318757  31 7 0 1.371217 3.594936 -0.103018  32 6 0 2.337470 4.663455 0.048972  33 1 0 0.871044 -2.080720 -1.088994  34 1 0 -0.844081 2.463394 -0.272805  35 1 0 -2.756639 2.044571 -2.226056  36 1 0 -5.150470 2.665545 -2.155809  37 1 0 -6.638740 1.685602 -0.440280  38 1 0 -2.137825 -0.929363 1.512523  39 1 0 -3.621373 -1.822618 3.242068  40 1 0 -6.043861 -1.253650 3.246408  41 1 0 -6.956518 0.257069 1.520154  42 1 0 6.692955 -1.122070 -1.065417  43 1 0 5.299931 -0.913025 -3.096775  44 1 0 2.882524 -0.405075 -2.903188  45 1 0 2.048137 -0.114055 1.819041  46 1 0 3.445201 -0.347990 3.823179  47 1 0 5.876024 -0.833209 3.614979  48 1 0 6.896414 -1.092794 1.382986  49 1 0 -2.832347 -1.779977 -1.320995  50 1 0 -3.326304 -3.895694 -1.705611  51 1 0 2.880679 2.210014 -0.389817  52 1 0 3.382993 4.332614 -0.041465  53 1 0 -1.979024 -4.769432 -2.488961  54 1 0 -2.283772 -5.009007 -0.776349  55 1 0 2.142169 5.434163 -0.703582  56 1 0 2.198318 5.137084 1.025997 |
| TM\_NP\_model\_scan\_m\_120\_m\_110 | 1 6 0 1.399600 -0.187233 -0.709773  2 6 0 0.471311 -1.223475 -0.785869  3 6 0 -0.909419 -0.995153 -0.782595  4 6 0 -1.389740 0.330912 -0.681805  5 6 0 -0.459622 1.367900 -0.625003  6 6 0 0.920845 1.140594 -0.646649  7 6 0 -2.843934 0.673120 -0.622454  8 6 0 -3.379310 1.483320 -1.605364  9 6 0 -4.737980 1.864984 -1.593775  10 6 0 -5.564454 1.441959 -0.584524  11 6 0 -5.060590 0.637460 0.469172  12 6 0 -3.679013 0.254355 0.467373  13 6 0 -3.193017 -0.500856 1.569387  14 6 0 -4.026421 -0.883300 2.592991  15 6 0 -5.393990 -0.529694 2.575885  16 6 0 -5.894140 0.217573 1.538994  17 6 0 2.856943 -0.525962 -0.714551  18 6 0 3.667773 -0.365057 0.456923  19 6 0 5.054739 -0.721278 0.395304  20 6 0 5.588850 -1.238467 -0.812789  21 6 0 4.787895 -1.406612 -1.913195  22 6 0 3.422092 -1.051998 -1.859093  23 6 0 3.151636 0.116331 1.690604  24 6 0 3.961368 0.258243 2.791877  25 6 0 5.332255 -0.076203 2.722660  26 6 0 5.862110 -0.557536 1.551291  27 6 0 -1.830781 -2.139128 -0.947393  28 7 0 -1.426212 -3.342887 -0.926024  29 6 0 -2.403188 -4.393949 -1.125247  30 6 0 1.846652 2.292336 -0.639601  31 7 0 1.438438 3.488632 -0.514754  32 6 0 2.422841 4.551171 -0.538937  33 1 0 0.809285 -2.250212 -0.853174  34 1 0 -0.796630 2.394774 -0.555712  35 1 0 -2.742714 1.813583 -2.418384  36 1 0 -5.122274 2.489594 -2.392216  37 1 0 -6.611812 1.724702 -0.571609  38 1 0 -2.145452 -0.770420 1.603758  39 1 0 -3.630516 -1.456354 3.423882  40 1 0 -6.041822 -0.841082 3.387536  41 1 0 -6.939764 0.507320 1.524896  42 1 0 6.640118 -1.504363 -0.848316  43 1 0 5.197400 -1.808607 -2.833041  44 1 0 2.803862 -1.181384 -2.740294  45 1 0 2.100949 0.367784 1.759885  46 1 0 3.545095 0.625230 3.723325  47 1 0 5.960545 0.042043 3.598282  48 1 0 6.911776 -0.826302 1.492584  49 1 0 -2.887655 -1.890977 -1.105795  50 1 0 -3.428198 -4.024069 -1.277468  51 1 0 2.911838 2.058508 -0.760333  52 1 0 3.456580 4.195646 -0.663928  53 1 0 -2.110459 -4.996885 -1.990822  54 1 0 -2.392304 -5.062921 -0.258906  55 1 0 2.184015 5.243408 -1.352692  56 1 0 2.354683 5.124654 0.390913 |
| TM\_NP\_model\_scan\_m\_120\_m\_120 | 1 6 0 -1.391616 0.289488 -0.698843  2 6 0 -0.446473 1.314638 -0.699640  3 6 0 0.930633 1.068504 -0.712169  4 6 0 1.393505 -0.267283 -0.703079  5 6 0 0.448788 -1.292340 -0.723935  6 6 0 -0.928408 -1.046015 -0.732519  7 6 0 2.842560 -0.632372 -0.661341  8 6 0 3.372654 -1.378331 -1.696580  9 6 0 4.725643 -1.779550 -1.704962  10 6 0 5.550957 -1.442941 -0.662815  11 6 0 5.051313 -0.709803 0.443716  12 6 0 3.675699 -0.306046 0.461144  13 6 0 3.192553 0.373456 1.612631  14 6 0 4.023594 0.665762 2.667430  15 6 0 5.385704 0.292893 2.633332  16 6 0 5.882718 -0.383060 1.547154  17 6 0 -2.839963 0.655324 -0.646183  18 6 0 -3.677976 0.288681 0.460529  19 6 0 -5.052334 0.697350 0.454210  20 6 0 -5.545678 1.476427 -0.623263  21 6 0 -4.715204 1.852981 -1.647482  22 6 0 -3.363948 1.446495 -1.650851  23 6 0 -3.201224 -0.434710 1.587768  24 6 0 -4.037134 -0.764995 2.627379  25 6 0 -5.398418 -0.388538 2.601989  26 6 0 -5.889141 0.330147 1.540755  27 6 0 1.867140 2.209038 -0.796429  28 7 0 1.476758 3.414217 -0.705179  29 6 0 2.468155 4.463255 -0.829600  30 6 0 -1.863915 -2.185293 -0.842432  31 7 0 -1.474381 -3.391556 -0.762891  32 6 0 -2.464005 -4.438899 -0.913140  33 1 0 -0.768849 2.348428 -0.686337  34 1 0 0.771490 -2.326104 -0.731418  35 1 0 2.736905 -1.639489 -2.535007  36 1 0 5.106530 -2.350544 -2.544128  37 1 0 6.594041 -1.741382 -0.664256  38 1 0 2.148890 0.655924 1.660185  39 1 0 3.629844 1.181750 3.535892  40 1 0 6.031743 0.532950 3.470253  41 1 0 6.923899 -0.687364 1.518620  42 1 0 -6.587788 1.778137 -0.616150  43 1 0 -5.090797 2.459497 -2.463801  44 1 0 -2.724661 1.739180 -2.476040  45 1 0 -2.158333 -0.720619 1.629541  46 1 0 -3.647682 -1.313928 3.477380  47 1 0 -6.048486 -0.659134 3.426373  48 1 0 -6.929371 0.638301 1.519826  49 1 0 2.922540 1.957960 -0.960011  50 1 0 3.490537 4.090635 -0.992227  51 1 0 -2.917403 -1.932001 -1.014692  52 1 0 -3.484458 -4.064252 -1.083039  53 1 0 2.192916 5.120572 -1.660627  54 1 0 2.454638 5.078968 0.075311  55 1 0 -2.178675 -5.085153 -1.749424  56 1 0 -2.461191 -5.066556 -0.016368 |
| TM\_NP\_model\_scan\_m\_120\_m\_130 | 1 6 0 -1.388913 0.344090 -0.713905  2 6 0 -0.429484 1.357363 -0.685694  3 6 0 0.944555 1.098028 -0.698856  4 6 0 1.394491 -0.241901 -0.714870  5 6 0 0.438645 -1.255392 -0.763620  6 6 0 -0.935850 -0.995310 -0.773105  7 6 0 2.839113 -0.623252 -0.670674  8 6 0 3.369011 -1.352730 -1.717718  9 6 0 4.717577 -1.768573 -1.724635  10 6 0 5.538235 -1.464136 -0.668994  11 6 0 5.037706 -0.750587 0.449877  12 6 0 3.666562 -0.331790 0.465541  13 6 0 3.181207 0.325807 1.628752  14 6 0 4.006555 0.583910 2.696877  15 6 0 5.364755 0.196876 2.665028  16 6 0 5.863464 -0.458824 1.567277  17 6 0 -2.828233 0.729274 -0.606973  18 6 0 -3.681257 0.243038 0.443897  19 6 0 -5.043206 0.691043 0.493577  20 6 0 -5.506212 1.636752 -0.455723  21 6 0 -4.654284 2.144167 -1.402874  22 6 0 -3.318522 1.697251 -1.465473  23 6 0 -3.230878 -0.623893 1.477312  24 6 0 -4.081686 -1.063037 2.463175  25 6 0 -5.435047 -0.659511 2.477530  26 6 0 -5.898614 0.203406 1.516818  27 6 0 1.892398 2.231321 -0.750297  28 7 0 1.512522 3.437968 -0.637043  29 6 0 2.514996 4.479853 -0.728454  30 6 0 -1.875112 -2.124387 -0.948344  31 7 0 -1.500198 -3.335329 -0.872187  32 6 0 -2.487964 -4.370514 -1.099586  33 1 0 -0.738023 2.394273 -0.639271  34 1 0 0.750246 -2.292078 -0.795976  35 1 0 2.737095 -1.588398 -2.566544  36 1 0 5.098837 -2.325143 -2.573267  37 1 0 6.578016 -1.773891 -0.669109  38 1 0 2.140240 0.618303 1.674849  39 1 0 3.611126 1.083348 3.574205  40 1 0 6.006280 0.409845 3.512683  41 1 0 6.901423 -0.774046 1.540038  42 1 0 -6.539303 1.964340 -0.406836  43 1 0 -5.001789 2.884584 -2.114415  44 1 0 -2.667170 2.092092 -2.236810  45 1 0 -2.194353 -0.932108 1.496404  46 1 0 -3.708379 -1.718546 3.241931  47 1 0 -6.097954 -1.019320 3.256301  48 1 0 -6.929952 0.540355 1.531939  49 1 0 2.946991 1.973838 -0.909072  50 1 0 3.535465 4.100880 -0.888321  51 1 0 -2.915720 -1.858532 -1.172530  52 1 0 -3.494821 -3.983362 -1.316069  53 1 0 2.254948 5.157563 -1.547905  54 1 0 2.497702 5.075986 0.189409  55 1 0 -2.162442 -5.000455 -1.933666  56 1 0 -2.538794 -5.018054 -0.218557 |
| TM\_NP\_model\_scan\_m\_120\_m\_140 | 1 6 0 -1.387217 0.375368 -0.729187  2 6 0 -0.411683 1.375456 -0.695269  3 6 0 0.958886 1.102353 -0.704881  4 6 0 1.395763 -0.241779 -0.710775  5 6 0 0.428163 -1.243448 -0.761969  6 6 0 -0.943351 -0.968933 -0.780728  7 6 0 2.835699 -0.638474 -0.657883  8 6 0 3.362133 -1.380024 -1.698248  9 6 0 4.706405 -1.809528 -1.697361  10 6 0 5.526363 -1.505969 -0.640918  11 6 0 5.029159 -0.779458 0.471067  12 6 0 3.662138 -0.347183 0.479139  13 6 0 3.179494 0.323720 1.635852  14 6 0 4.004000 0.582027 2.704578  15 6 0 5.358504 0.181729 2.679950  16 6 0 5.854213 -0.487233 1.588866  17 6 0 -2.816507 0.782923 -0.576871  18 6 0 -3.691811 0.217042 0.418472  19 6 0 -5.038956 0.704358 0.513115  20 6 0 -5.460227 1.776036 -0.312921  21 6 0 -4.578155 2.372501 -1.176557  22 6 0 -3.261896 1.884047 -1.290218  23 6 0 -3.278153 -0.754990 1.371445  24 6 0 -4.151307 -1.265114 2.302119  25 6 0 -5.495152 -0.833512 2.341300  26 6 0 -5.921228 0.136688 1.470383  27 6 0 1.917600 2.226722 -0.756593  28 7 0 1.548590 3.437450 -0.651586  29 6 0 2.561261 4.469455 -0.743120  30 6 0 -1.884761 -2.089614 -1.000567  31 7 0 -1.525394 -3.304350 -0.913729  32 6 0 -2.510302 -4.328755 -1.196109  33 1 0 -0.703580 2.416374 -0.639953  34 1 0 0.727547 -2.283747 -0.793886  35 1 0 2.731092 -1.614705 -2.547979  36 1 0 5.085081 -2.375597 -2.540850  37 1 0 6.563025 -1.825950 -0.635222  38 1 0 2.141220 0.626424 1.676490  39 1 0 3.610676 1.091890 3.576835  40 1 0 5.999463 0.395084 3.527935  41 1 0 6.889165 -0.812611 1.567295  42 1 0 -6.482014 2.130917 -0.229733  43 1 0 -4.887807 3.214431 -1.785201  44 1 0 -2.594160 2.348042 -2.006770  45 1 0 -2.249577 -1.086876 1.380269  46 1 0 -3.801028 -1.998246 3.020002  47 1 0 -6.177310 -1.252506 3.072368  48 1 0 -6.941643 0.503306 1.511662  49 1 0 2.970518 1.958623 -0.908693  50 1 0 3.578855 4.080048 -0.895963  51 1 0 -2.910738 -1.812215 -1.273230  52 1 0 -3.501481 -3.930687 -1.459902  53 1 0 2.311755 5.145414 -1.567278  54 1 0 2.545089 5.070303 0.171674  55 1 0 -2.149806 -4.957292 -2.016746  56 1 0 -2.611152 -4.980585 -0.322575 |
| TM\_NP\_model\_scan\_m\_120\_p\_20 | 1 6 0 1.443499 0.463158 -0.150626  2 6 0 0.718000 -0.735696 -0.208391  3 6 0 -0.661810 -0.798417 -0.420531  4 6 0 -1.401637 0.399613 -0.517974  5 6 0 -0.699558 1.600553 -0.438756  6 6 0 0.685142 1.662183 -0.258880  7 6 0 -2.886017 0.445184 -0.681833  8 6 0 -3.414450 1.056397 -1.802806  9 6 0 -4.807378 1.155795 -2.006543  10 6 0 -5.677866 0.651788 -1.074468  11 6 0 -5.191507 0.049377 0.113819  12 6 0 -3.777431 -0.047047 0.330020  13 6 0 -3.324587 -0.596929 1.560213  14 6 0 -4.212121 -1.055416 2.503961  15 6 0 -5.604244 -0.987902 2.273634  16 6 0 -6.078724 -0.443452 1.106561  17 6 0 2.834432 0.419601 0.392562  18 6 0 3.792909 -0.584844 -0.016660  19 6 0 5.097614 -0.585164 0.582911  20 6 0 5.463228 0.451181 1.478363  21 6 0 4.587807 1.469328 1.747503  22 6 0 3.294292 1.458274 1.188493  23 6 0 3.552165 -1.543868 -1.039708  24 6 0 4.492031 -2.487445 -1.381546  25 6 0 5.738887 -2.533767 -0.723434  26 6 0 6.034066 -1.591670 0.228695  27 6 0 -1.308579 -2.120411 -0.566490  28 7 0 -0.677240 -3.207647 -0.387572  29 6 0 -1.393510 -4.452617 -0.576747  30 6 0 1.320973 2.994921 -0.381963  31 7 0 0.684492 4.075351 -0.179650  32 6 0 1.376471 5.327618 -0.409946  33 1 0 1.213126 -1.681757 -0.042646  34 1 0 -1.229098 2.541803 -0.518097  35 1 0 -2.739274 1.445363 -2.556634  36 1 0 -5.181399 1.627977 -2.907896  37 1 0 -6.750106 0.716746 -1.226652  38 1 0 -2.261664 -0.643216 1.758699  39 1 0 -3.841652 -1.466279 3.436395  40 1 0 -6.293659 -1.356628 3.024739  41 1 0 -7.146588 -0.372781 0.927370  42 1 0 6.452541 0.435250 1.923136  43 1 0 4.871822 2.280677 2.407972  44 1 0 2.604297 2.231004 1.499856  45 1 0 2.620800 -1.518564 -1.585800  46 1 0 4.274060 -3.196309 -2.172382  47 1 0 6.465721 -3.292838 -0.989454  48 1 0 7.004020 -1.585891 0.715013  49 1 0 -2.366734 -2.111560 -0.855829  50 1 0 -2.447013 -4.319007 -0.864383  51 1 0 2.369855 2.999142 -0.707076  52 1 0 2.421204 5.205081 -0.734180  53 1 0 -0.887191 -5.045475 -1.345230  54 1 0 -1.349674 -5.035735 0.348536  55 1 0 0.836417 5.902673 -1.168966  56 1 0 1.356846 5.924425 0.507461 |
| TM\_NP\_model\_scan\_m\_120\_p\_30 | 1 6 0 1.431640 0.417310 -0.071028  2 6 0 0.702922 -0.777287 -0.122993  3 6 0 -0.673206 -0.827185 -0.360309  4 6 0 -1.393631 0.379023 -0.507390  5 6 0 -0.680272 1.574337 -0.447339  6 6 0 0.701526 1.623645 -0.237183  7 6 0 -2.873743 0.437030 -0.704895  8 6 0 -3.370396 1.022179 -1.853896  9 6 0 -4.757290 1.132482 -2.090494  10 6 0 -5.653733 0.666291 -1.163390  11 6 0 -5.200456 0.092580 0.051927  12 6 0 -3.792599 -0.015191 0.301035  13 6 0 -3.372929 -0.535578 1.555595  14 6 0 -4.286074 -0.955687 2.492765  15 6 0 -5.672045 -0.876924 2.231071  16 6 0 -6.114727 -0.360212 1.039124  17 6 0 2.829418 0.378524 0.450112  18 6 0 3.803227 -0.573908 -0.027184  19 6 0 5.115107 -0.576235 0.554961  20 6 0 5.455770 0.398262 1.526683  21 6 0 4.547962 1.357085 1.892868  22 6 0 3.250528 1.351928 1.342161  23 6 0 3.560168 -1.482600 -1.094083  24 6 0 4.518213 -2.376672 -1.509569  25 6 0 5.783226 -2.418046 -0.885310  26 6 0 6.073169 -1.528292 0.117731  27 6 0 -1.335014 -2.143261 -0.490281  28 7 0 -0.723033 -3.234047 -0.270304  29 6 0 -1.450972 -4.473785 -0.448778  30 6 0 1.367374 2.941149 -0.351134  31 7 0 0.733981 4.035815 -0.231213  32 6 0 1.463891 5.270887 -0.435106  33 1 0 1.194320 -1.723470 0.058414  34 1 0 -1.197284 2.518661 -0.564249  35 1 0 -2.674299 1.381391 -2.603436  36 1 0 -5.106060 1.583005 -3.012822  37 1 0 -6.721581 0.739766 -1.340583  38 1 0 -2.315078 -0.589747 1.777782  39 1 0 -3.940799 -1.344530 3.444131  40 1 0 -6.381872 -1.215154 2.977504  41 1 0 -7.177570 -0.281178 0.835281  42 1 0 6.450608 0.381291 1.959013  43 1 0 4.812162 2.115955 2.620551  44 1 0 2.535522 2.078781 1.706208  45 1 0 2.609285 -1.458165 -1.606891  46 1 0 4.301407 -3.050854 -2.330495  47 1 0 6.526135 -3.136346 -1.213116  48 1 0 7.052548 -1.526011 0.584832  49 1 0 -2.385654 -2.127512 -0.805652  50 1 0 -2.495559 -4.333471 -0.764400  51 1 0 2.439311 2.921478 -0.586428  52 1 0 2.530076 5.123835 -0.665699  53 1 0 -0.934470 -5.090031 -1.191682  54 1 0 -1.436503 -5.036661 0.489865  55 1 0 0.999804 5.832114 -1.252528  56 1 0 1.376583 5.893389 0.461006 |
| TM\_NP\_model\_scan\_m\_120\_p\_40 | 1 6 0 1.420889 0.375339 0.010507  2 6 0 0.687323 -0.814034 -0.041327  3 6 0 -0.684618 -0.850246 -0.304473  4 6 0 -1.384765 0.363296 -0.493052  5 6 0 -0.659044 1.551571 -0.445178  6 6 0 0.719142 1.587407 -0.205711  7 6 0 -2.859688 0.434814 -0.723629  8 6 0 -3.324437 1.000529 -1.895486  9 6 0 -4.704492 1.122670 -2.164100  10 6 0 -5.626287 0.687775 -1.246685  11 6 0 -5.206163 0.135051 -0.009916  12 6 0 -3.805364 0.015733 0.271618  13 6 0 -3.418926 -0.482743 1.545612  14 6 0 -4.356913 -0.872185 2.471419  15 6 0 -5.735926 -0.782466 2.178336  16 6 0 -6.146766 -0.285673 0.966668  17 6 0 2.826142 0.334642 0.509482  18 6 0 3.810553 -0.559220 -0.042178  19 6 0 5.127545 -0.577274 0.526575  20 6 0 5.449820 0.315955 1.579405  21 6 0 4.518054 1.208901 2.041938  22 6 0 3.217191 1.221497 1.498350  23 6 0 3.563986 -1.399117 -1.162769  24 6 0 4.534000 -2.239460 -1.654780  25 6 0 5.812402 -2.289729 -1.057698  26 6 0 6.100246 -1.469513 0.003844  27 6 0 -1.361568 -2.159304 -0.425722  28 7 0 -0.771678 -3.253442 -0.165610  29 6 0 -1.511862 -4.486520 -0.340041  30 6 0 1.412274 2.890945 -0.304167  31 7 0 0.787644 3.996474 -0.262222  32 6 0 1.550414 5.216516 -0.432893  33 1 0 1.172711 -1.761936 0.151429  34 1 0 -1.162232 2.499008 -0.593282  35 1 0 -2.608073 1.335019 -2.637323  36 1 0 -5.027854 1.557217 -3.103208  37 1 0 -6.689105 0.770327 -1.448425  38 1 0 -2.366798 -0.544557 1.791621  39 1 0 -4.036859 -1.244914 3.437936  40 1 0 -6.465587 -1.096457 2.916190  41 1 0 -7.203976 -0.198244 0.738427  42 1 0 6.448573 0.288087 2.002088  43 1 0 4.767814 1.901172 2.837963  44 1 0 2.484053 1.899694 1.918251  45 1 0 2.598355 -1.364881 -1.648015  46 1 0 4.317330 -2.864657 -2.513655  47 1 0 6.566003 -2.963643 -1.449253  48 1 0 7.086720 -1.480631 0.455650  49 1 0 -2.402698 -2.135970 -0.770971  50 1 0 -2.544716 -4.338385 -0.689029  51 1 0 2.499166 2.851439 -0.449846  52 1 0 2.629298 5.049825 -0.573316  53 1 0 -0.982872 -5.125108 -1.054733  54 1 0 -1.532854 -5.029876 0.609912  55 1 0 1.162103 5.765133 -1.297019  56 1 0 1.400758 5.860164 0.439728 |
| TM\_NP\_model\_scan\_m\_120\_p\_50 | 1 6 0 1.412303 0.331507 0.107855  2 6 0 0.669095 -0.849717 0.051488  3 6 0 -0.697524 -0.868815 -0.240650  4 6 0 -1.373200 0.353072 -0.466492  5 6 0 -0.632248 1.531854 -0.420098  6 6 0 0.740888 1.550435 -0.148213  7 6 0 -2.840386 0.441811 -0.738028  8 6 0 -3.264846 0.995715 -1.930668  9 6 0 -4.635156 1.131891 -2.239531  10 6 0 -5.587906 0.722416 -1.342241  11 6 0 -5.209686 0.182749 -0.086357  12 6 0 -3.818973 0.050180 0.236198  13 6 0 -3.474805 -0.433989 1.527686  14 6 0 -4.443238 -0.798520 2.432044  15 6 0 -5.812236 -0.696521 2.098745  16 6 0 -6.182605 -0.212234 0.869102  17 6 0 2.826022 0.275832 0.583074  18 6 0 3.813087 -0.545465 -0.061529  19 6 0 5.139217 -0.592634 0.482710  20 6 0 5.457625 0.192631 1.619638  21 6 0 4.512368 1.005632 2.190681  22 6 0 3.203663 1.048896 1.666376  23 6 0 3.552777 -1.289492 -1.244731  24 6 0 4.526982 -2.061706 -1.830568  25 6 0 5.820997 -2.134026 -1.269335  26 6 0 6.117543 -1.409969 -0.141987  27 6 0 -1.391786 -2.168818 -0.359970  28 7 0 -0.830159 -3.266667 -0.056442  29 6 0 -1.584657 -4.490768 -0.232912  30 6 0 1.460898 2.839988 -0.221918  31 7 0 0.852345 3.954746 -0.257087  32 6 0 1.645805 5.160303 -0.383706  33 1 0 1.144480 -1.801366 0.253394  34 1 0 -1.118257 2.483861 -0.594079  35 1 0 -2.523790 1.309735 -2.657029  36 1 0 -4.926331 1.556487 -3.193609  37 1 0 -6.643492 0.815376 -1.575006  38 1 0 -2.430872 -0.504882 1.804188  39 1 0 -4.155216 -1.160877 3.412474  40 1 0 -6.566236 -0.991041 2.819970  41 1 0 -7.231798 -0.115282 0.609816  42 1 0 6.463408 0.144824 2.023541  43 1 0 4.759025 1.611337 3.055344  44 1 0 2.461570 1.669061 2.155897  45 1 0 2.571122 -1.236726 -1.696124  46 1 0 4.302140 -2.616797 -2.734355  47 1 0 6.578661 -2.752372 -1.737320  48 1 0 7.113606 -1.444050 0.287085  49 1 0 -2.419582 -2.136046 -0.742617  50 1 0 -2.600487 -4.333040 -0.625012  51 1 0 2.555296 2.782080 -0.271775  52 1 0 2.730038 4.976045 -0.426201  53 1 0 -1.039770 -5.154023 -0.912301  54 1 0 -1.651983 -5.012247 0.727127  55 1 0 1.342463 5.696417 -1.288749  56 1 0 1.430606 5.823552 0.460076 |
| TM\_NP\_model\_scan\_m\_120\_p\_60 | 1 6 0 1.401206 0.275064 0.191716  2 6 0 0.644679 -0.894930 0.116209  3 6 0 -0.715920 -0.890109 -0.204908  4 6 0 -1.364036 0.343622 -0.449396  5 6 0 -0.604549 1.509954 -0.391425  6 6 0 0.762460 1.504247 -0.087877  7 6 0 -2.823910 0.456396 -0.750606  8 6 0 -3.216110 1.011679 -1.953559  9 6 0 -4.577892 1.169389 -2.289057  10 6 0 -5.554399 0.779650 -1.408636  11 6 0 -5.209352 0.239128 -0.143623  12 6 0 -3.827457 0.085249 0.206075  13 6 0 -3.516159 -0.399013 1.505863  14 6 0 -4.507547 -0.743923 2.392862  15 6 0 -5.868040 -0.621111 2.032882  16 6 0 -6.206758 -0.135988 0.794466  17 6 0 2.818520 0.194335 0.657955  18 6 0 3.815546 -0.524865 -0.081049  19 6 0 5.145323 -0.609355 0.448808  20 6 0 5.449811 0.031374 1.676779  21 6 0 4.486686 0.736168 2.352745  22 6 0 3.174963 0.817646 1.839024  23 6 0 3.555127 -1.137512 -1.337081  24 6 0 4.539536 -1.815116 -2.015431  25 6 0 5.842082 -1.917353 -1.478090  26 6 0 6.135111 -1.323729 -0.275811  27 6 0 -1.431051 -2.177203 -0.337896  28 7 0 -0.900722 -3.283531 -0.009782  29 6 0 -1.673157 -4.493856 -0.203167  30 6 0 1.510480 2.778599 -0.121047  31 7 0 0.928654 3.903286 -0.224492  32 6 0 1.752686 5.093067 -0.289306  33 1 0 1.105484 -1.853984 0.318606  34 1 0 -1.070406 2.469723 -0.577555  35 1 0 -2.456254 1.310363 -2.666846  36 1 0 -4.843664 1.594689 -3.250211  37 1 0 -6.603628 0.889253 -1.661976  38 1 0 -2.479047 -0.486098 1.802548  39 1 0 -4.244295 -1.106882 3.380012  40 1 0 -6.640478 -0.900365 2.740542  41 1 0 -7.249076 -0.023103 0.514695  42 1 0 6.458585 -0.042367 2.069252  43 1 0 4.722729 1.227161 3.290075  44 1 0 2.419701 1.357396 2.399218  45 1 0 2.563701 -1.061320 -1.764254  46 1 0 4.316610 -2.272796 -2.972695  47 1 0 6.608349 -2.458968 -2.021176  48 1 0 7.135744 -1.387097 0.139068  49 1 0 -2.445756 -2.127325 -0.752507  50 1 0 -2.672004 -4.318989 -0.630120  51 1 0 2.603578 2.700163 -0.070705  52 1 0 2.832455 4.889094 -0.228433  53 1 0 -1.119240 -5.172687 -0.859443  54 1 0 -1.782924 -5.006651 0.757650  55 1 0 1.544802 5.623455 -1.224199  56 1 0 1.472221 5.770037 0.523852 |
| TM\_NP\_model\_scan\_m\_120\_p\_70 | 1 6 0 1.389703 0.194073 0.276191  2 6 0 0.611805 -0.957390 0.163518  3 6 0 -0.741842 -0.914878 -0.185314  4 6 0 -1.355217 0.337824 -0.423746  5 6 0 -0.571193 1.485575 -0.330479  6 6 0 0.788372 1.441819 0.002384  7 6 0 -2.805781 0.488822 -0.752664  8 6 0 -3.161296 1.070677 -1.954405  9 6 0 -4.512326 1.264133 -2.314055  10 6 0 -5.514724 0.883162 -1.459237  11 6 0 -5.207204 0.315839 -0.196283  12 6 0 -3.836349 0.125864 0.178105  13 6 0 -3.561967 -0.384894 1.476081  14 6 0 -4.578263 -0.720861 2.337950  15 6 0 -5.928226 -0.562279 1.953213  16 6 0 -6.231259 -0.051126 0.716009  17 6 0 2.808491 0.071051 0.735230  18 6 0 3.817834 -0.501861 -0.104753  19 6 0 5.151509 -0.634104 0.404309  20 6 0 5.442674 -0.190870 1.719655  21 6 0 4.462322 0.366299 2.500747  22 6 0 3.147019 0.496606 2.004572  23 6 0 3.559829 -0.928613 -1.435659  24 6 0 4.555718 -1.469855 -2.212461  25 6 0 5.865951 -1.612441 -1.702895  26 6 0 6.154033 -1.201257 -0.425313  27 6 0 -1.483946 -2.181858 -0.356376  28 7 0 -0.990275 -3.305302 -0.029235  29 6 0 -1.785643 -4.493554 -0.262210  30 6 0 1.568111 2.696554 0.029680  31 7 0 1.024387 3.835635 -0.114451  32 6 0 1.878797 5.005431 -0.100233  33 1 0 1.050441 -1.929960 0.350774  34 1 0 -1.011380 2.458981 -0.508126  35 1 0 -2.380962 1.363035 -2.647934  36 1 0 -4.749305 1.709895 -3.273465  37 1 0 -6.555962 1.020276 -1.731437  38 1 0 -2.533209 -0.500128 1.791593  39 1 0 -4.342855 -1.104548 3.324296  40 1 0 -6.720662 -0.834900 2.641071  41 1 0 -7.265017 0.089118 0.417460  42 1 0 6.454443 -0.299177 2.096075  43 1 0 4.687967 0.703964 3.505975  44 1 0 2.379700 0.925777 2.639303  45 1 0 2.560281 -0.820530 -1.836967  46 1 0 4.336808 -1.788768 -3.225338  47 1 0 6.641803 -2.043557 -2.325549  48 1 0 7.159264 -1.301749 -0.029233  49 1 0 -2.484949 -2.100890 -0.798452  50 1 0 -2.766963 -4.288766 -0.715727  51 1 0 2.651302 2.590237 0.168783  52 1 0 2.944847 4.774725 0.046079  53 1 0 -1.228999 -5.176698 -0.911666  54 1 0 -1.935980 -5.016504 0.687586  55 1 0 1.759898 5.548522 -1.043303  56 1 0 1.549096 5.681978 0.694629 |
| TM\_NP\_model\_scan\_m\_120\_p\_80 | 1 6 0 1.380639 0.091011 0.356889  2 6 0 0.576118 -1.033026 0.182252  3 6 0 -0.770335 -0.938384 -0.185754  4 6 0 -1.345136 0.339696 -0.380982  5 6 0 -0.534068 1.461234 -0.220278  6 6 0 0.817303 1.365531 0.134155  7 6 0 -2.783632 0.543923 -0.733921  8 6 0 -3.095484 1.187670 -1.916083  9 6 0 -4.432089 1.433808 -2.296784  10 6 0 -5.463960 1.043081 -1.482443  11 6 0 -5.201230 0.411291 -0.240173  12 6 0 -3.845018 0.167259 0.155838  13 6 0 -3.615001 -0.410088 1.434415  14 6 0 -4.659930 -0.757927 2.256427  15 6 0 -5.995758 -0.544885 1.849294  16 6 0 -6.255857 0.030987 0.630897  17 6 0 2.801105 -0.093973 0.794805  18 6 0 3.817370 -0.471573 -0.140443  19 6 0 5.156226 -0.670206 0.330802  20 6 0 5.443139 -0.486600 1.707769  21 6 0 4.453142 -0.121091 2.584079  22 6 0 3.132122 0.074604 2.123831  23 6 0 3.556277 -0.648172 -1.526214  24 6 0 4.557710 -1.008667 -2.395297  25 6 0 5.875424 -1.211384 -1.926986  26 6 0 6.164760 -1.044276 -0.595326  27 6 0 -1.542049 -2.176165 -0.425255  28 7 0 -1.086833 -3.324906 -0.131898  29 6 0 -1.906823 -4.481046 -0.431129  30 6 0 1.627400 2.594772 0.255191  31 7 0 1.127299 3.753192 0.108051  32 6 0 2.007510 4.897057 0.230924  33 1 0 0.988906 -2.024111 0.326061  34 1 0 -0.946456 2.453023 -0.358448  35 1 0 -2.291723 1.489228 -2.578229  36 1 0 -4.634536 1.928014 -3.240242  37 1 0 -6.494542 1.220788 -1.771220  38 1 0 -2.597410 -0.567918 1.767275  39 1 0 -4.458119 -1.193349 3.228633  40 1 0 -6.811212 -0.827423 2.505523  41 1 0 -7.278234 0.212792 0.315986  42 1 0 6.459278 -0.640393 2.055633  43 1 0 4.676108 0.016191 3.636166  44 1 0 2.358403 0.355341 2.829774  45 1 0 2.549169 -0.496628 -1.893878  46 1 0 4.337207 -1.139159 -3.448806  47 1 0 6.655908 -1.497705 -2.622944  48 1 0 7.175013 -1.195670 -0.229271  49 1 0 -2.529244 -2.049241 -0.886900  50 1 0 -2.871488 -4.232462 -0.898362  51 1 0 2.693351 2.451830 0.473688  52 1 0 3.053308 4.631453 0.447236  53 1 0 -1.352449 -5.152188 -1.094888  54 1 0 -2.093189 -5.037471 0.492926  55 1 0 1.973613 5.477560 -0.696585  56 1 0 1.635831 5.552732 1.024795 |
| TM\_NP\_model\_scan\_m\_120\_p\_90 | 1 6 0 1.364971 -0.049327 0.362825  2 6 0 0.530522 -1.131162 0.093935  3 6 0 -0.810464 -0.967227 -0.272011  4 6 0 -1.345799 0.338656 -0.366322  5 6 0 -0.503718 1.419636 -0.111348  6 6 0 0.840259 1.255315 0.244023  7 6 0 -2.776612 0.614768 -0.701644  8 6 0 -3.066162 1.358677 -1.829347  9 6 0 -4.393449 1.680242 -2.185624  10 6 0 -5.437974 1.265107 -1.400044  11 6 0 -5.197086 0.529491 -0.211691  12 6 0 -3.850171 0.206948 0.159241  13 6 0 -3.640241 -0.477810 1.387246  14 6 0 -4.696465 -0.851712 2.182999  15 6 0 -6.024031 -0.558649 1.799113  16 6 0 -6.264051 0.120728 0.630987  17 6 0 2.777593 -0.310606 0.790318  18 6 0 3.831749 -0.425651 -0.171245  19 6 0 5.162301 -0.699059 0.285817  20 6 0 5.402806 -0.849941 1.675737  21 6 0 4.375709 -0.736723 2.577658  22 6 0 3.062733 -0.466843 2.130939  23 6 0 3.613713 -0.277300 -1.567486  24 6 0 4.650526 -0.392560 -2.462016  25 6 0 5.961522 -0.663292 -2.009296  26 6 0 6.208133 -0.812867 -0.666911  27 6 0 -1.616584 -2.157991 -0.613950  28 7 0 -1.193033 -3.339935 -0.422187  29 6 0 -2.045920 -4.442237 -0.817642  30 6 0 1.681369 2.443138 0.494688  31 7 0 1.227607 3.626219 0.405864  32 6 0 2.133140 4.726077 0.667969  33 1 0 0.914559 -2.141956 0.156615  34 1 0 -0.887459 2.430792 -0.167291  35 1 0 -2.252425 1.683400 -2.467935  36 1 0 -4.578749 2.253130 -3.087175  37 1 0 -6.461704 1.502098 -1.670018  38 1 0 -2.628785 -0.698411 1.702716  39 1 0 -4.509866 -1.370430 3.116613  40 1 0 -6.848579 -0.862410 2.434164  41 1 0 -7.279391 0.364025 0.335431  42 1 0 6.413109 -1.057832 2.012249  43 1 0 4.563092 -0.854681 3.638982  44 1 0 2.260311 -0.382208 2.855245  45 1 0 2.611143 -0.074564 -1.923167  46 1 0 4.463126 -0.277579 -3.523724  47 1 0 6.770267 -0.753471 -2.725753  48 1 0 7.212309 -1.021916 -0.312826  49 1 0 -2.600578 -1.965373 -1.059564  50 1 0 -3.007238 -4.126445 -1.249791  51 1 0 2.727501 2.245939 0.761583  52 1 0 3.156159 4.408687 0.920091  53 1 0 -1.515045 -5.063104 -1.546421  54 1 0 -2.239557 -5.076699 0.053039  55 1 0 2.170179 5.378265 -0.210422  56 1 0 1.735689 5.329810 1.490101 |
| TM\_NP\_model\_scan\_m\_120\_p\_100 | 1 6 0 1.356997 -0.172437 0.372420  2 6 0 0.492232 -1.207789 0.026683  3 6 0 -0.842699 -0.980482 -0.327616  4 6 0 -1.340698 0.343170 -0.329240  5 6 0 -0.471658 1.377999 0.013205  6 6 0 0.865274 1.150889 0.359313  7 6 0 -2.760142 0.683164 -0.653784  8 6 0 -3.017965 1.515809 -1.725809  9 6 0 -4.332681 1.897093 -2.069683  10 6 0 -5.396011 1.453227 -1.326154  11 6 0 -5.186907 0.627907 -0.191845  12 6 0 -3.852832 0.243899 0.166452  13 6 0 -3.673245 -0.530654 1.344841  14 6 0 -4.746834 -0.930049 2.104163  15 6 0 -6.062363 -0.575788 1.730554  16 6 0 -6.272758 0.189485 0.610815  17 6 0 2.768769 -0.504316 0.748188  18 6 0 3.834548 -0.380931 -0.200503  19 6 0 5.165554 -0.728724 0.200572  20 6 0 5.395263 -1.191417 1.521894  21 6 0 4.356557 -1.310917 2.409440  22 6 0 3.043005 -0.967508 2.018401  23 6 0 3.625885 0.066034 -1.533116  24 6 0 4.672910 0.171629 -2.416897  25 6 0 5.985567 -0.165669 -2.017266  26 6 0 6.222622 -0.606330 -0.738671  27 6 0 -1.678582 -2.120019 -0.760764  28 7 0 -1.287647 -3.324058 -0.657520  29 6 0 -2.167640 -4.369469 -1.138928  30 6 0 1.728023 2.291416 0.729125  31 7 0 1.315102 3.492154 0.695288  32 6 0 2.234752 4.541213 1.085519  33 1 0 0.849644 -2.229953 0.007758  34 1 0 -0.829070 2.399928 0.038810  35 1 0 -2.189221 1.864271 -2.331703  36 1 0 -4.493417 2.538795 -2.928584  37 1 0 -6.410357 1.735924 -1.587409  38 1 0 -2.671088 -0.799963 1.652112  39 1 0 -4.583408 -1.517114 3.000919  40 1 0 -6.900935 -0.900992 2.335936  41 1 0 -7.278328 0.480116 0.324785  42 1 0 6.406369 -1.452444 1.816351  43 1 0 4.535433 -1.668726 3.417108  44 1 0 2.232167 -1.064743 2.731592  45 1 0 2.622251 0.319677 -1.850791  46 1 0 4.491952 0.512891 -3.429987  47 1 0 6.802695 -0.078303 -2.724491  48 1 0 7.227452 -0.871508 -0.426435  49 1 0 -2.654769 -1.868670 -1.194268  50 1 0 -3.117688 -3.995517 -1.549013  51 1 0 2.750631 2.043321 1.040982  52 1 0 3.231270 4.173600 1.372852  53 1 0 -1.649670 -4.947051 -1.911301  54 1 0 -2.383173 -5.063067 -0.320044  55 1 0 2.342770 5.250309 0.258655  56 1 0 1.806659 5.099953 1.923936 |
| TM\_NP\_model\_scan\_m\_120\_p\_110 | 1 6 0 -1.347944 -0.289158 -0.327168  2 6 0 -0.452073 -1.275028 0.080862  3 6 0 0.879328 -0.989873 0.404936  4 6 0 1.341387 0.343339 0.315329  5 6 0 0.443970 1.328362 -0.094963  6 6 0 -0.887556 1.043429 -0.416922  7 6 0 2.751872 0.742769 0.609298  8 6 0 2.988626 1.652507 1.621915  9 6 0 4.292988 2.091463 1.934849  10 6 0 5.366557 1.628678 1.218057  11 6 0 5.177861 0.725204 0.141102  12 6 0 3.854306 0.280854 -0.185001  13 6 0 3.693432 -0.573368 -1.309862  14 6 0 4.775596 -0.989074 -2.047968  15 6 0 6.081508 -0.573905 -1.704605  16 6 0 6.273355 0.267069 -0.637015  17 6 0 -2.754491 -0.683996 -0.651924  18 6 0 -3.846105 -0.341599 0.211833  19 6 0 -5.170981 -0.754144 -0.146788  20 6 0 -5.370011 -1.503556 -1.334637  21 6 0 -4.306822 -1.839484 -2.133158  22 6 0 -3.000259 -1.429613 -1.787210  23 6 0 -3.670768 0.379010 1.424113  24 6 0 -4.742910 0.692727 2.224595  25 6 0 -6.050086 0.299993 1.859603  26 6 0 -6.255026 -0.409717 0.702511  27 6 0 1.749264 -2.075791 0.903758  28 7 0 1.395275 -3.295098 0.871866  29 6 0 2.307092 -4.283958 1.410081  30 6 0 -1.770042 2.131252 -0.887285  31 7 0 -1.401547 3.346758 -0.893872  32 6 0 -2.333025 4.338910 -1.390632  33 1 0 -0.783698 -2.301282 0.179075  34 1 0 0.775951 2.353901 -0.198600  35 1 0 2.151573 2.017586 2.206214  36 1 0 4.437818 2.792685 2.748878  37 1 0 6.373269 1.955734 1.456052  38 1 0 2.698523 -0.890808 -1.593872  39 1 0 4.626329 -1.636254 -2.904952  40 1 0 6.927110 -0.912575 -2.292579  41 1 0 7.270996 0.604286 -0.375426  42 1 0 -6.377008 -1.810954 -1.596525  43 1 0 -4.461306 -2.417909 -3.036995  44 1 0 -2.170988 -1.694728 -2.433358  45 1 0 -2.672827 0.677518 1.719210  46 1 0 -4.585466 1.242021 3.146013  47 1 0 -6.887510 0.555000 2.499264  48 1 0 -7.254701 -0.723491 0.420234  49 1 0 2.717460 -1.769238 1.319248  50 1 0 3.243356 -3.858156 1.800878  51 1 0 -2.764107 1.830079 -1.241073  52 1 0 -3.295774 3.918843 -1.718203  53 1 0 1.805728 -4.836236 2.211326  54 1 0 2.547614 -5.012799 0.629593  55 1 0 -2.517912 5.081538 -0.607949  56 1 0 -1.874778 4.873806 -2.228632 |
| TM\_NP\_model\_scan\_m\_120\_p\_120 | 1 6 0 1.341879 -0.342295 0.311699  2 6 0 0.428939 -1.305149 -0.116732  3 6 0 -0.898948 -0.995061 -0.429744  4 6 0 -1.341884 0.342258 -0.311772  5 6 0 -0.428943 1.305110 0.116631  6 6 0 0.898969 0.995021 0.429620  7 6 0 -2.747370 0.767326 -0.592364  8 6 0 -2.975106 1.700464 -1.585567  9 6 0 -4.274457 2.163134 -1.884808  10 6 0 -5.351901 1.699780 -1.174181  11 6 0 -5.172052 0.771394 -0.117081  12 6 0 -3.853527 0.303024 0.195431  13 6 0 -3.700752 -0.577287 1.301181  14 6 0 -4.786239 -0.994875 2.033311  15 6 0 -6.087557 -0.555521 1.702862  16 6 0 -6.271302 0.310817 0.654289  17 6 0 2.747338 -0.767367 0.592389  18 6 0 3.853546 -0.303049 -0.195374  19 6 0 5.172066 -0.771323 0.117264  20 6 0 5.351880 -1.699687 1.174417  21 6 0 4.274415 -2.163092 1.884940  22 6 0 2.975041 -1.700476 1.585593  23 6 0 3.700784 0.577153 -1.301189  24 6 0 4.786311 0.994778 -2.033265  25 6 0 6.087620 0.555545 -1.702682  26 6 0 6.271342 -0.310726 -0.654034  27 6 0 -1.784382 -2.057537 -0.951476  28 7 0 -1.446870 -3.281896 -0.948274  29 6 0 -2.372314 -4.245707 -1.508250  30 6 0 1.784378 2.057549 0.951297  31 7 0 1.446834 3.281899 0.948024  32 6 0 2.372278 4.245766 1.507949  33 1 0 0.747107 -2.332085 -0.246351  34 1 0 -0.747073 2.332059 0.246233  35 1 0 -2.135020 2.066305 -2.165024  36 1 0 -4.412523 2.882956 -2.683636  37 1 0 -6.354897 2.044971 -1.402044  38 1 0 -2.709297 -0.913638 1.575305  39 1 0 -4.643089 -1.662281 2.875709  40 1 0 -6.935917 -0.895935 2.285839  41 1 0 -7.265188 0.666402 0.402941  42 1 0 6.354882 -2.044806 1.402365  43 1 0 4.412426 -2.882908 2.683782  44 1 0 2.134952 -2.066376 2.165010  45 1 0 2.709327 0.913403 -1.575433  46 1 0 4.643162 1.662097 -2.875731  47 1 0 6.936013 0.895995 -2.285590  48 1 0 7.265231 -0.666239 -0.402600  49 1 0 -2.748736 -1.728209 -1.358296  50 1 0 -3.302860 -3.798373 -1.888485  51 1 0 2.748747 1.728272 1.358122  52 1 0 3.302807 3.798448 1.888231  53 1 0 -1.878909 -4.786177 -2.322385  54 1 0 -2.622366 -4.988942 -0.744516  55 1 0 2.622337 4.988925 0.744148  56 1 0 1.878846 4.786292 2.322026 |
| TM\_NP\_model\_scan\_m\_120\_p\_130 | 1 6 0 -1.338050 0.389853 0.308124  2 6 0 -0.409149 1.337855 -0.123957  3 6 0 0.915966 1.011824 -0.429493  4 6 0 1.341519 -0.330943 -0.311635  5 6 0 0.415454 -1.279969 0.119074  6 6 0 -0.908276 -0.952559 0.431358  7 6 0 2.740785 -0.775593 -0.591862  8 6 0 2.955083 -1.712063 -1.584989  9 6 0 4.247606 -2.193485 -1.884063  10 6 0 5.331540 -1.745964 -1.173108  11 6 0 5.165001 -0.815082 -0.116039  12 6 0 3.853427 -0.327293 0.196017  13 6 0 3.713177 0.555075 1.301762  14 6 0 4.804426 0.956553 2.034340  15 6 0 6.099244 0.498020 1.704392  16 6 0 6.270623 -0.370865 0.655841  17 6 0 -2.745458 0.833824 0.539704  18 6 0 -3.859700 0.273778 -0.175770  19 6 0 -5.176029 0.779993 0.086510  20 6 0 -5.347306 1.847769 1.003522  21 6 0 -4.262090 2.413526 1.621930  22 6 0 -2.967183 1.910835 1.379049  23 6 0 -3.721232 -0.728700 -1.174860  24 6 0 -4.815155 -1.235793 -1.834268  25 6 0 -6.114348 -0.768350 -1.536945  26 6 0 -6.285051 0.221748 -0.602429  27 6 0 1.815797 2.063262 -0.949317  28 7 0 1.495516 3.292195 -0.942286  29 6 0 2.434060 4.244798 -1.499763  30 6 0 -1.790643 -1.999758 0.989851  31 7 0 -1.481546 -3.231105 0.962201  32 6 0 -2.395697 -4.177222 1.569201  33 1 0 -0.714688 2.366354 -0.269033  34 1 0 0.720937 -2.309880 0.255126  35 1 0 2.109835 -2.065686 -2.164544  36 1 0 4.375336 -2.915114 -2.682979  37 1 0 6.329443 -2.105742 -1.400759  38 1 0 2.726620 0.905789 1.575584  39 1 0 4.670816 1.625819 2.876826  40 1 0 6.952286 0.825714 2.287827  41 1 0 7.259252 -0.741064 0.404865  42 1 0 -6.348946 2.219181 1.192700  43 1 0 -4.391102 3.243909 2.306815  44 1 0 -2.123770 2.355393 1.894996  45 1 0 -2.733871 -1.089153 -1.430135  46 1 0 -4.678968 -1.995615 -2.595634  47 1 0 -6.969911 -1.181699 -2.059000  48 1 0 -7.275942 0.605659 -0.382965  49 1 0 2.775391 1.721508 -1.357163  50 1 0 3.358303 3.785780 -1.881408  51 1 0 -2.723309 -1.651032 1.450764  52 1 0 -3.292355 -3.711286 2.004449  53 1 0 1.948078 4.794313 -2.312297  54 1 0 2.694480 4.982347 -0.733974  55 1 0 -2.706387 -4.909024 0.816783  56 1 0 -1.869370 -4.734534 2.350691 |
| TM\_NP\_model\_scan\_m\_120\_p\_140 | 1 6 0 -1.336540 0.417551 0.324932  2 6 0 -0.395668 1.360290 -0.098718  3 6 0 0.926395 1.028534 -0.407365  4 6 0 1.340250 -0.319633 -0.314013  5 6 0 0.405191 -1.265326 0.103360  6 6 0 -0.914756 -0.930832 0.423959  7 6 0 2.734527 -0.772510 -0.604203  8 6 0 2.938907 -1.693457 -1.613836  9 6 0 4.226792 -2.180411 -1.923731  10 6 0 5.315898 -1.754067 -1.207582  11 6 0 5.159339 -0.839851 -0.134602  12 6 0 3.852491 -0.346781 0.188640  13 6 0 3.721763 0.518068 1.309270  14 6 0 4.817864 0.898816 2.045641  15 6 0 6.108213 0.435479 1.705021  16 6 0 6.270242 -0.417404 0.641974  17 6 0 -2.747672 0.871261 0.510946  18 6 0 -3.865929 0.248388 -0.150031  19 6 0 -5.180977 0.783504 0.062039  20 6 0 -5.348546 1.947659 0.852761  21 6 0 -4.258674 2.583767 1.388880  22 6 0 -2.967733 2.051539 1.201899  23 6 0 -3.737212 -0.833793 -1.064215  24 6 0 -4.835322 -1.396490 -1.669352  25 6 0 -6.133349 -0.909281 -1.401857  26 6 0 -6.295686 0.162976 -0.561960  27 6 0 1.834025 2.081007 -0.911830  28 7 0 1.525229 3.312460 -0.881150  29 6 0 2.470125 4.266362 -1.425517  30 6 0 -1.785948 -1.975319 1.007153  31 7 0 -1.493543 -3.209683 0.953324  32 6 0 -2.388369 -4.151034 1.595670  33 1 0 -0.690994 2.391636 -0.242029  34 1 0 0.701319 -2.299498 0.226939  35 1 0 2.089592 -2.029893 -2.197667  36 1 0 4.346965 -2.889201 -2.735211  37 1 0 6.310302 -2.118115 -1.443582  38 1 0 2.738631 0.871941 1.591219  39 1 0 4.691551 1.555196 2.899307  40 1 0 6.965180 0.746728 2.291703  41 1 0 7.255319 -0.791219 0.382529  42 1 0 -6.349389 2.337982 1.003967  43 1 0 -4.381162 3.492047 1.967839  44 1 0 -2.124288 2.552449 1.662953  45 1 0 -2.753510 -1.211520 -1.304884  46 1 0 -4.701881 -2.215588 -2.367046  47 1 0 -6.992693 -1.368831 -1.876924  48 1 0 -7.284045 0.569174 -0.373487  49 1 0 2.788869 1.737827 -1.329515  50 1 0 3.389233 3.806041 -1.817816  51 1 0 -2.691271 -1.620114 1.515515  52 1 0 -3.257017 -3.678971 2.078479  53 1 0 1.986322 4.833413 -2.227225  54 1 0 2.739166 4.988727 -0.648338  55 1 0 -2.744417 -4.871712 0.852661  56 1 0 -1.831417 -4.722015 2.345398 |
| TM\_NP\_model\_scan\_m\_120\_p\_150 | 1 6 0 -1.336947 0.440754 0.358901  2 6 0 -0.384285 1.381642 -0.049302  3 6 0 0.934053 1.047779 -0.367835  4 6 0 1.337654 -0.305462 -0.312656  5 6 0 0.394591 -1.251409 0.083520  6 6 0 -0.921297 -0.913705 0.417066  7 6 0 2.726195 -0.762822 -0.621000  8 6 0 2.918549 -1.658367 -1.655485  9 6 0 4.201288 -2.146509 -1.984552  10 6 0 5.297251 -1.746247 -1.263822  11 6 0 5.153147 -0.858245 -0.167312  12 6 0 3.851543 -0.365015 0.176039  13 6 0 3.732982 0.472318 1.318557  14 6 0 4.835994 0.828511 2.056971  15 6 0 6.121241 0.365826 1.696954  16 6 0 6.271363 -0.462037 0.612561  17 6 0 -2.753306 0.899783 0.497166  18 6 0 -3.870497 0.228055 -0.124205  19 6 0 -5.187417 0.778362 0.039634  20 6 0 -5.358698 2.012099 0.714297  21 6 0 -4.268124 2.704337 1.173243  22 6 0 -2.978786 2.154793 1.042996  23 6 0 -3.743611 -0.907457 -0.972148  24 6 0 -4.840875 -1.512328 -1.537046  25 6 0 -6.140881 -1.018962 -1.293742  26 6 0 -6.302739 0.109368 -0.531514  27 6 0 1.846782 2.105822 -0.851574  28 7 0 1.546958 3.338358 -0.790573  29 6 0 2.495533 4.298041 -1.318449  30 6 0 -1.778446 -1.962059 1.017119  31 7 0 -1.492798 -3.196894 0.945075  32 6 0 -2.367464 -4.139086 1.613414  33 1 0 -0.667250 2.417316 -0.182052  34 1 0 0.681149 -2.290695 0.184558  35 1 0 2.063876 -1.973348 -2.243459  36 1 0 4.311992 -2.835126 -2.814529  37 1 0 6.287749 -2.111116 -1.514503  38 1 0 2.753746 0.824858 1.615350  39 1 0 4.718950 1.464785 2.927008  40 1 0 6.983810 0.657495 2.285482  41 1 0 7.252488 -0.835461 0.338003  42 1 0 -6.360600 2.411764 0.829458  43 1 0 -4.388855 3.669902 1.650935  44 1 0 -2.141095 2.701499 1.459373  45 1 0 -2.761181 -1.291987 -1.203292  46 1 0 -4.703572 -2.369487 -2.186598  47 1 0 -7.000034 -1.514048 -1.731953  48 1 0 -7.290872 0.527982 -0.371170  49 1 0 2.797108 1.765980 -1.281998  50 1 0 3.410260 3.840620 -1.724069  51 1 0 -2.663770 -1.607227 1.560010  52 1 0 -3.217067 -3.666953 2.128942  53 1 0 2.012005 4.884519 -2.106233  54 1 0 2.771901 5.002307 -0.527397  55 1 0 -2.752065 -4.854615 0.879686  56 1 0 -1.786535 -4.715871 2.340156 |
| TM\_NP\_model\_scan\_m\_120\_p\_160 | 1 6 0 -1.339099 0.464546 0.384563  2 6 0 -0.371518 1.403496 -0.000373  3 6 0 0.943987 1.069166 -0.326480  4 6 0 1.336649 -0.288075 -0.316798  5 6 0 0.384101 -1.234357 0.052179  6 6 0 -0.927935 -0.894737 0.398573  7 6 0 2.719622 -0.748595 -0.643160  8 6 0 2.901380 -1.611999 -1.706474  9 6 0 4.179164 -2.099418 -2.055313  10 6 0 5.280758 -1.730150 -1.326586  11 6 0 5.147440 -0.876043 -0.202176  12 6 0 3.850782 -0.384793 0.161928  13 6 0 3.742457 0.416624 1.330852  14 6 0 4.850915 0.742660 2.075013  15 6 0 6.131499 0.283078 1.694995  16 6 0 6.271505 -0.511773 0.584857  17 6 0 -2.759793 0.931165 0.474393  18 6 0 -3.878930 0.213930 -0.100103  19 6 0 -5.198504 0.770073 0.028100  20 6 0 -5.371822 2.060578 0.584268  21 6 0 -4.278524 2.801228 0.950396  22 6 0 -2.990082 2.242461 0.869602  23 6 0 -3.756608 -0.965094 -0.887738  24 6 0 -4.855205 -1.611247 -1.402560  25 6 0 -6.156980 -1.120410 -1.166266  26 6 0 -6.316551 0.054471 -0.478128  27 6 0 1.863914 2.135171 -0.778814  28 7 0 1.572649 3.367413 -0.681474  29 6 0 2.527605 4.335748 -1.181410  30 6 0 -1.768479 -1.950298 1.013379  31 7 0 -1.485860 -3.184512 0.924045  32 6 0 -2.337725 -4.130713 1.615748  33 1 0 -0.638115 2.444538 -0.117239  34 1 0 0.660015 -2.278688 0.127254  35 1 0 2.042345 -1.901156 -2.301323  36 1 0 4.281710 -2.762362 -2.906951  37 1 0 6.267552 -2.094265 -1.592503  38 1 0 2.766661 0.765592 1.642826  39 1 0 4.741723 1.352419 2.964816  40 1 0 6.998522 0.550634 2.288404  41 1 0 7.248949 -0.883015 0.294634  42 1 0 -6.374788 2.464243 0.672593  43 1 0 -4.395719 3.812632 1.322323  44 1 0 -2.159458 2.833521 1.234968  45 1 0 -2.775963 -1.349336 -1.122978  46 1 0 -4.716166 -2.498786 -2.009555  47 1 0 -7.017676 -1.649900 -1.558761  48 1 0 -7.304844 0.478964 -0.335163  49 1 0 2.811983 1.801794 -1.219027  50 1 0 3.439786 3.884278 -1.599198  51 1 0 -2.634497 -1.599030 1.588841  52 1 0 -3.169178 -3.661514 2.162595  53 1 0 2.048410 4.947060 -1.952787  54 1 0 2.807710 5.015722 -0.370672  55 1 0 -2.747628 -4.841578 0.891198  56 1 0 -1.732981 -4.712230 2.318906 |
| TM\_NP\_model\_scan\_m\_130\_m\_0 | 1 6 0 1.463290 0.539343 0.072009  2 6 0 0.734345 -0.602966 -0.307011  3 6 0 -0.647716 -0.635071 -0.508386  4 6 0 -1.389088 0.560977 -0.420627  5 6 0 -0.680077 1.722307 -0.113361  6 6 0 0.697012 1.744931 0.115026  7 6 0 -2.869744 0.644859 -0.573889  8 6 0 -3.388298 1.586267 -1.445408  9 6 0 -4.776978 1.746625 -1.628660  10 6 0 -5.658964 0.973029 -0.918416  11 6 0 -5.187136 0.033621 0.033124  12 6 0 -3.775711 -0.125399 0.233948  13 6 0 -3.346428 -1.004181 1.266158  14 6 0 -4.249417 -1.717896 2.017202  15 6 0 -5.636735 -1.593822 1.783000  16 6 0 -6.090561 -0.731863 0.816602  17 6 0 2.948506 0.502910 -0.127850  18 6 0 3.739813 -0.692346 0.124477  19 6 0 5.148492 -0.665417 -0.159316  20 6 0 5.777414 0.554161 -0.513039  21 6 0 5.050719 1.712933 -0.537215  22 6 0 3.659486 1.681234 -0.316434  23 6 0 3.241421 -1.882975 0.725449  24 6 0 4.031830 -2.994019 0.908161  25 6 0 5.382076 -2.993916 0.504364  26 6 0 5.927278 -1.841920 -0.001413  27 6 0 -1.266432 -1.898658 -0.965462  28 7 0 -0.667141 -3.014614 -0.876708  29 6 0 -1.336339 -4.192232 -1.391816  30 6 0 1.232215 3.017390 0.660923  31 7 0 0.734035 4.149103 0.371953  32 6 0 1.263159 5.318560 1.045754  33 1 0 1.248045 -1.519959 -0.546083  34 1 0 -1.210323 2.658562 0.003082  35 1 0 -2.705178 2.188989 -2.033064  36 1 0 -5.138946 2.479226 -2.341023  37 1 0 -6.729094 1.080368 -1.060990  38 1 0 -2.289316 -1.100688 1.474310  39 1 0 -3.894223 -2.375611 2.802553  40 1 0 -6.338369 -2.167737 2.377736  41 1 0 -7.154936 -0.610728 0.643943  42 1 0 6.841872 0.556110 -0.721787  43 1 0 5.528242 2.661454 -0.754840  44 1 0 3.124344 2.605771 -0.473082  45 1 0 2.226361 -1.918430 1.089178  46 1 0 3.609711 -3.874181 1.379834  47 1 0 5.989295 -3.883176 0.629447  48 1 0 6.979767 -1.798342 -0.261644  49 1 0 -2.268995 -1.816188 -1.404074  50 1 0 -2.331186 -3.987805 -1.814776  51 1 0 2.050521 2.919524 1.387773  52 1 0 2.080481 5.094614 1.748354  53 1 0 -0.710088 -4.652146 -2.162816  54 1 0 -1.437068 -4.928324 -0.588019  55 1 0 1.621559 6.034348 0.299290  56 1 0 0.454679 5.814140 1.592620 |
| TM\_NP\_model\_scan\_m\_130\_m\_10 | 1 6 0 1.461259 0.512101 -0.010531  2 6 0 0.720736 -0.617231 -0.398378  3 6 0 -0.664921 -0.625939 -0.573395  4 6 0 -1.390364 0.575813 -0.424470  5 6 0 -0.666072 1.720308 -0.091041  6 6 0 0.717229 1.722492 0.102312  7 6 0 -2.873724 0.678267 -0.541440  8 6 0 -3.401762 1.655825 -1.366156  9 6 0 -4.792381 1.836142 -1.512509  10 6 0 -5.666580 1.044577 -0.812572  11 6 0 -5.183670 0.065552 0.092273  12 6 0 -3.769887 -0.113251 0.256751  13 6 0 -3.327640 -1.034415 1.245735  14 6 0 -4.221400 -1.768715 1.987894  15 6 0 -5.612050 -1.624146 1.787719  16 6 0 -6.077693 -0.721750 0.864864  17 6 0 2.943819 0.468439 -0.201148  18 6 0 3.733647 -0.701065 0.135963  19 6 0 5.147028 -0.682715 -0.119736  20 6 0 5.769333 0.508718 -0.569071  21 6 0 5.031400 1.651207 -0.723790  22 6 0 3.638109 1.628525 -0.515555  23 6 0 3.216453 -1.858525 0.782721  24 6 0 4.006464 -2.950295 1.057421  25 6 0 5.372126 -2.959082 0.706586  26 6 0 5.927829 -1.838753 0.143798  27 6 0 -1.310118 -1.865918 -1.057868  28 7 0 -0.722100 -2.990798 -1.023545  29 6 0 -1.419217 -4.142236 -1.560377  30 6 0 1.300592 2.968266 0.656784  31 7 0 0.784066 4.111115 0.456725  32 6 0 1.377001 5.253139 1.124041  33 1 0 1.227310 -1.534309 -0.658179  34 1 0 -1.185687 2.655605 0.072387  35 1 0 -2.725439 2.273477 -1.946101  36 1 0 -5.162177 2.598442 -2.188783  37 1 0 -6.738414 1.167123 -0.927376  38 1 0 -2.267384 -1.147979 1.427587  39 1 0 -3.856074 -2.459027 2.739911  40 1 0 -6.306565 -2.214590 2.374579  41 1 0 -7.144249 -0.585060 0.719373  42 1 0 6.837698 0.504637 -0.757046  43 1 0 5.504422 2.576906 -1.031159  44 1 0 3.087295 2.526868 -0.756017  45 1 0 2.184508 -1.880300 1.098762  46 1 0 3.573367 -3.808397 1.558876  47 1 0 5.980709 -3.832930 0.909689  48 1 0 6.987341 -1.806553 -0.088024  49 1 0 -2.322465 -1.757191 -1.467198  50 1 0 -2.422346 -3.911790 -1.949099  51 1 0 2.180958 2.840922 1.301280  52 1 0 2.251087 5.001143 1.743848  53 1 0 -0.819361 -4.582790 -2.363036  54 1 0 -1.507765 -4.904361 -0.779722  55 1 0 1.673783 5.994642 0.375539  56 1 0 0.622394 5.731277 1.756701 |
| TM\_NP\_model\_scan\_m\_130\_m\_20 | 1 6 0 1.458386 0.488106 -0.092777  2 6 0 0.706351 -0.627477 -0.489772  3 6 0 -0.682279 -0.614084 -0.638218  4 6 0 -1.390859 0.590385 -0.428676  5 6 0 -0.650643 1.717138 -0.070716  6 6 0 0.737654 1.700246 0.088192  7 6 0 -2.876050 0.710051 -0.507907  8 6 0 -3.413017 1.721561 -1.284451  9 6 0 -4.804696 1.920843 -1.391148  10 6 0 -5.670817 1.112732 -0.700170  11 6 0 -5.177322 0.096185 0.156228  12 6 0 -3.762030 -0.101567 0.281414  13 6 0 -3.307012 -1.063593 1.224639  14 6 0 -4.191027 -1.818152 1.958057  15 6 0 -5.584308 -1.653788 1.794946  16 6 0 -6.061516 -0.712145 0.918406  17 6 0 2.940710 0.434802 -0.262254  18 6 0 3.723572 -0.708794 0.152364  19 6 0 5.140501 -0.701938 -0.079119  20 6 0 5.762142 0.453172 -0.616290  21 6 0 5.020268 1.572120 -0.887624  22 6 0 3.624944 1.562479 -0.690991  23 6 0 3.185970 -1.830186 0.843283  24 6 0 3.970619 -2.900407 1.203240  25 6 0 5.347925 -2.918891 0.898591  26 6 0 5.917147 -1.834382 0.281242  27 6 0 -1.353380 -1.829558 -1.148950  28 7 0 -0.775695 -2.959968 -1.174386  29 6 0 -1.500016 -4.084373 -1.731879  30 6 0 1.365746 2.922601 0.642370  31 7 0 0.840189 4.072360 0.518928  32 6 0 1.490142 5.191902 1.170901  33 1 0 1.204643 -1.544710 -0.769271  34 1 0 -1.158646 2.650027 0.137298  35 1 0 -2.743883 2.353328 -1.857467  36 1 0 -5.181891 2.711059 -2.030282  37 1 0 -6.743670 1.249794 -0.785092  38 1 0 -2.244098 -1.193446 1.377639  39 1 0 -3.815686 -2.540325 2.674367  40 1 0 -6.271340 -2.260418 2.374056  41 1 0 -7.129672 -0.560511 0.802414  42 1 0 6.833453 0.441019 -0.786530  43 1 0 5.494048 2.467029 -1.274779  44 1 0 3.065203 2.435088 -1.000398  45 1 0 2.141169 -1.838101 1.117040  46 1 0 3.525673 -3.734129 1.734586  47 1 0 5.953407 -3.775013 1.173826  48 1 0 6.982099 -1.815024 0.074232  49 1 0 -2.376102 -1.696866 -1.523789  50 1 0 -2.512207 -3.831005 -2.080834  51 1 0 2.294071 2.773458 1.209546  52 1 0 2.409901 4.918846 1.710334  53 1 0 -0.929084 -4.499975 -2.568256  54 1 0 -1.572232 -4.874402 -0.977714  55 1 0 1.729765 5.955030 0.423613  56 1 0 0.790977 5.652562 1.876089 |
| TM\_NP\_model\_scan\_m\_130\_m\_30 | 1 6 0 1.455584 0.467526 -0.176389  2 6 0 0.691702 -0.634297 -0.581092  3 6 0 -0.699297 -0.600582 -0.702812  4 6 0 -1.390205 0.604228 -0.436006  5 6 0 -0.633912 1.712827 -0.055792  6 6 0 0.758236 1.678512 0.069257  7 6 0 -2.876229 0.738904 -0.477304  8 6 0 -3.421519 1.780491 -1.206764  9 6 0 -4.813350 1.995894 -1.273501  10 6 0 -5.670954 1.172832 -0.589632  11 6 0 -5.167406 0.123461 0.220019  12 6 0 -3.751533 -0.090728 0.305161  13 6 0 -3.284129 -1.088516 1.204047  14 6 0 -4.158037 -1.860817 1.931046  15 6 0 -5.553099 -1.679122 1.806024  16 6 0 -6.041429 -0.703256 0.974205  17 6 0 2.938299 0.400895 -0.323977  18 6 0 3.710315 -0.712498 0.171379  19 6 0 5.129343 -0.723424 -0.042424  20 6 0 5.754584 0.382182 -0.672110  21 6 0 5.014592 1.469984 -1.055798  22 6 0 3.617891 1.479709 -0.866660  23 6 0 3.152002 -1.786979 0.917261  24 6 0 3.927643 -2.829884 1.365083  25 6 0 5.313043 -2.863252 1.097602  26 6 0 5.897361 -1.825772 0.416284  27 6 0 -1.395378 -1.791434 -1.237622  28 7 0 -0.828617 -2.924546 -1.321275  29 6 0 -1.578143 -4.022291 -1.897982  30 6 0 1.427759 2.878727 0.620179  31 7 0 0.894852 4.031134 0.578740  32 6 0 1.597117 5.128940 1.212928  33 1 0 1.180751 -1.551704 -0.879409  34 1 0 -1.129506 2.642056 0.194546  35 1 0 -2.759913 2.425238 -1.774015  36 1 0 -5.197602 2.810632 -1.876641  37 1 0 -6.744114 1.322225 -0.644469  38 1 0 -2.219219 -1.232535 1.327496  39 1 0 -3.773110 -2.610880 2.612768  40 1 0 -6.232311 -2.299918 2.379321  41 1 0 -7.110505 -0.538613 0.888305  42 1 0 6.827663 0.357278 -0.829553  43 1 0 5.492601 2.323777 -1.522501  44 1 0 3.053888 2.324369 -1.241965  45 1 0 2.097957 -1.777474 1.155676  46 1 0 3.470815 -3.630737 1.935497  47 1 0 5.912075 -3.696754 1.446574  48 1 0 6.966140 -1.823225 0.229027  49 1 0 -2.426861 -1.637098 -1.578491  50 1 0 -2.597752 -3.749129 -2.208176  51 1 0 2.398995 2.712366 1.103757  52 1 0 2.557944 4.839246 1.664956  53 1 0 -1.034850 -4.411317 -2.764999  54 1 0 -1.635361 -4.838820 -1.171246  55 1 0 1.774920 5.917666 0.475015  56 1 0 0.958594 5.563653 1.988605 |
| TM\_NP\_model\_scan\_m\_130\_m\_40 | 1 6 0 1.453364 0.450570 -0.259713  2 6 0 0.678212 -0.638022 -0.671435  3 6 0 -0.714723 -0.587294 -0.766026  4 6 0 -1.388536 0.615578 -0.447222  5 6 0 -0.617157 1.706463 -0.046809  6 6 0 0.777578 1.656997 0.046909  7 6 0 -2.874421 0.762719 -0.452353  8 6 0 -3.426504 1.830300 -1.137751  9 6 0 -4.817461 2.059592 -1.166273  10 6 0 -5.666951 1.224266 -0.487228  11 6 0 -5.154820 0.147464 0.279894  12 6 0 -3.739426 -0.081543 0.325833  13 6 0 -3.261053 -1.109004 1.184554  14 6 0 -4.125281 -1.894329 1.909145  15 6 0 -5.521073 -1.696842 1.821881  16 6 0 -6.019115 -0.693039 1.030037  17 6 0 2.937238 0.367955 -0.384913  18 6 0 3.695165 -0.709524 0.194189  19 6 0 5.115105 -0.745437 -0.007383  20 6 0 5.747760 0.296616 -0.731496  21 6 0 5.014413 1.345457 -1.223210  22 6 0 3.616991 1.381085 -1.039345  23 6 0 3.115910 -1.725914 1.002318  24 6 0 3.879019 -2.736733 1.536206  25 6 0 5.269451 -2.791370 1.296847  26 6 0 5.870388 -1.811873 0.547017  27 6 0 -1.433971 -1.755500 -1.319746  28 7 0 -0.878058 -2.888906 -1.455923  29 6 0 -1.651206 -3.962336 -2.046878  30 6 0 1.483501 2.837519 0.592348  31 7 0 0.946099 3.987926 0.633847  32 6 0 1.694635 5.067638 1.245211  33 1 0 1.157864 -1.555166 -0.987788  34 1 0 -1.100531 2.630916 0.242309  35 1 0 -2.771971 2.486083 -1.700527  36 1 0 -5.207648 2.895123 -1.736261  37 1 0 -6.739650 1.384378 -0.513115  38 1 0 -2.194995 -1.265872 1.278994  39 1 0 -3.731949 -2.667180 2.559912  40 1 0 -6.192760 -2.327990 2.392737  41 1 0 -7.088272 -0.516577 0.973689  42 1 0 6.821633 0.253730 -0.879634  43 1 0 5.499342 2.147518 -1.768047  44 1 0 3.053339 2.195063 -1.479357  45 1 0 2.055541 -1.695375 1.211940  46 1 0 3.409745 -3.495989 2.151651  47 1 0 5.858971 -3.598321 1.717184  48 1 0 6.941456 -1.830839 0.374309  49 1 0 -2.473017 -1.583429 -1.627505  50 1 0 -2.677896 -3.673551 -2.316898  51 1 0 2.490840 2.659728 0.989523  52 1 0 2.688587 4.767848 1.610598  53 1 0 -1.136326 -4.324103 -2.942586  54 1 0 -1.691681 -4.803013 -1.347059  55 1 0 1.812416 5.879824 0.520805  56 1 0 1.118488 5.475311 2.082009 |
| TM\_NP\_model\_scan\_m\_130\_m\_50 | 1 6 0 1.452224 0.434069 -0.347751  2 6 0 0.663530 -0.640123 -0.765724  3 6 0 -0.730764 -0.573158 -0.831475  4 6 0 -1.385848 0.626484 -0.462528  5 6 0 -0.597697 1.699556 -0.047408  6 6 0 0.798808 1.635471 0.013031  7 6 0 -2.870571 0.785050 -0.428642  8 6 0 -3.429800 1.875816 -1.070215  9 6 0 -4.818977 2.117304 -1.058019  10 6 0 -5.658880 1.270910 -0.380845  11 6 0 -5.137548 0.169687 0.344271  12 6 0 -3.723592 -0.072560 0.348181  13 6 0 -3.233448 -1.126782 1.166872  14 6 0 -4.086435 -1.923523 1.892296  15 6 0 -5.482075 -1.711624 1.845991  16 6 0 -5.990520 -0.682956 1.093648  17 6 0 2.937034 0.328540 -0.455467  18 6 0 3.675967 -0.700745 0.220738  19 6 0 5.095882 -0.773103 0.031937  20 6 0 5.741783 0.182540 -0.793052  21 6 0 5.021255 1.179782 -1.398870  22 6 0 3.623636 1.251956 -1.223037  23 6 0 3.072438 -1.637131 1.103785  24 6 0 3.817319 -2.604866 1.734026  25 6 0 5.210750 -2.691833 1.520289  26 6 0 5.832345 -1.791770 0.691492  27 6 0 -1.473942 -1.718125 -1.401710  28 7 0 -0.929274 -2.848719 -1.595147  29 6 0 -1.727419 -3.896499 -2.198694  30 6 0 1.539115 2.798366 0.548325  31 7 0 0.999759 3.941296 0.678545  32 6 0 1.790842 5.006164 1.261081  33 1 0 1.131504 -1.557068 -1.101208  34 1 0 -1.066785 2.619514 0.277557  35 1 0 -2.783470 2.541643 -1.630662  36 1 0 -5.215577 2.971356 -1.595195  37 1 0 -6.730420 1.440493 -0.375742  38 1 0 -2.166883 -1.295486 1.230033  39 1 0 -3.684107 -2.716807 2.512255  40 1 0 -6.144971 -2.351836 2.417029  41 1 0 -7.059066 -0.495827 1.069045  42 1 0 6.815746 0.113940 -0.930764  43 1 0 5.517242 1.912375 -2.025480  44 1 0 3.066959 2.026704 -1.737678  45 1 0 2.007839 -1.578388 1.287037  46 1 0 3.332440 -3.305170 2.404802  47 1 0 5.786150 -3.463493 2.019174  48 1 0 6.904627 -1.840438 0.532569  49 1 0 -2.521068 -1.530681 -1.670586  50 1 0 -2.762459 -3.595120 -2.418513  51 1 0 2.577743 2.615614 0.850733  52 1 0 2.815160 4.704332 1.527275  53 1 0 -1.247514 -4.223033 -3.126843  54 1 0 -1.744484 -4.764432 -1.532026  55 1 0 1.838578 5.844752 0.559105  56 1 0 1.286939 5.377622 2.159146 |
| TM\_NP\_model\_scan\_m\_130\_m\_60 | 1 6 0 1.451337 0.410955 -0.445854  2 6 0 0.644633 -0.647048 -0.866157  3 6 0 -0.750209 -0.561990 -0.900051  4 6 0 -1.382241 0.635900 -0.486303  5 6 0 -0.573438 1.691246 -0.065896  6 6 0 0.823694 1.610214 -0.041306  7 6 0 -2.864231 0.807478 -0.409773  8 6 0 -3.429809 1.917685 -1.011043  9 6 0 -4.815729 2.171664 -0.955604  10 6 0 -5.645191 1.318426 -0.274196  11 6 0 -5.115157 0.196977 0.412560  12 6 0 -3.704168 -0.058799 0.371672  13 6 0 -3.202313 -1.135400 1.153425  14 6 0 -4.042797 -1.938937 1.885840  15 6 0 -5.436918 -1.712301 1.883731  16 6 0 -5.955591 -0.663125 1.167570  17 6 0 2.936266 0.273069 -0.541756  18 6 0 3.652298 -0.686031 0.248231  19 6 0 5.070873 -0.805541 0.077493  20 6 0 5.734574 0.031994 -0.854689  21 6 0 5.032077 0.957593 -1.583615  22 6 0 3.635099 1.076952 -1.422006  23 6 0 3.022280 -1.510533 1.219543  24 6 0 3.744510 -2.414857 1.960372  25 6 0 5.138905 -2.544787 1.774258  26 6 0 5.783960 -1.754686 0.855836  27 6 0 -1.520706 -1.684772 -1.477953  28 7 0 -0.991764 -2.813081 -1.722144  29 6 0 -1.818372 -3.836887 -2.328515  30 6 0 1.599573 2.756326 0.477661  31 7 0 1.065401 3.885846 0.707940  32 6 0 1.900552 4.936542 1.253224  33 1 0 1.096489 -1.565556 -1.219856  34 1 0 -1.024163 2.609117 0.289747  35 1 0 -2.792373 2.590073 -1.573835  36 1 0 -5.218400 3.041029 -1.462867  37 1 0 -6.714468 1.497811 -0.236078  38 1 0 -2.136270 -1.316245 1.182482  39 1 0 -3.631559 -2.749247 2.477297  40 1 0 -6.090060 -2.357895 2.459925  41 1 0 -7.022427 -0.465164 1.176980  42 1 0 6.807613 -0.070113 -0.978164  43 1 0 5.542149 1.597564 -2.294704  44 1 0 3.092091 1.798325 -2.022422  45 1 0 1.955679 -1.417049 1.376882  46 1 0 3.241827 -3.032343 2.696246  47 1 0 5.696328 -3.264840 2.362707  48 1 0 6.856231 -1.840839 0.713584  49 1 0 -2.574573 -1.482573 -1.706680  50 1 0 -2.857870 -3.521723 -2.503474  51 1 0 2.664107 2.574226 0.670108  52 1 0 2.949408 4.638227 1.401628  53 1 0 -1.373129 -4.138942 -3.281912  54 1 0 -1.819461 -4.724261 -1.687705  55 1 0 1.868639 5.804378 0.586784  56 1 0 1.486157 5.262732 2.212563 |
| TM\_NP\_model\_scan\_m\_130\_m\_70 | 1 6 0 1.447268 0.363594 -0.533039  2 6 0 0.618873 -0.678715 -0.945783  3 6 0 -0.775594 -0.572044 -0.949134  4 6 0 -1.380192 0.630674 -0.509177  5 6 0 -0.547342 1.669622 -0.094289  6 6 0 0.848440 1.566328 -0.100289  7 6 0 -2.857676 0.823705 -0.399417  8 6 0 -3.418542 1.948932 -0.976625  9 6 0 -4.798792 2.223849 -0.888592  10 6 0 -5.626490 1.377089 -0.197122  11 6 0 -5.099236 0.241140 0.467593  12 6 0 -3.693790 -0.036610 0.392625  13 6 0 -3.191988 -1.128396 1.153075  14 6 0 -4.028538 -1.924503 1.898013  15 6 0 -5.418441 -1.675301 1.929973  16 6 0 -5.936169 -0.611925 1.234348  17 6 0 2.931050 0.193261 -0.626945  18 6 0 3.639343 -0.661289 0.278760  19 6 0 5.054347 -0.824203 0.116378  20 6 0 5.719504 -0.134162 -0.929068  21 6 0 5.021410 0.686822 -1.777763  22 6 0 3.627225 0.848289 -1.623281  23 6 0 3.001450 -1.344313 1.349489  24 6 0 3.715496 -2.153224 2.200284  25 6 0 5.107875 -2.322666 2.029490  26 6 0 5.758961 -1.670400 1.012106  27 6 0 -1.575699 -1.678015 -1.518989  28 7 0 -1.068801 -2.810858 -1.787838  29 6 0 -1.925226 -3.817262 -2.381818  30 6 0 1.660427 2.698218 0.392520  31 7 0 1.147400 3.823215 0.684151  32 6 0 2.023303 4.863011 1.184398  33 1 0 1.050739 -1.602543 -1.310661  34 1 0 -0.976459 2.591282 0.278061  35 1 0 -2.782996 2.617118 -1.546521  36 1 0 -5.198618 3.104346 -1.378617  37 1 0 -6.691681 1.572845 -0.133591  38 1 0 -2.128756 -1.327190 1.155649  39 1 0 -3.617166 -2.746495 2.473031  40 1 0 -6.068689 -2.315124 2.515797  41 1 0 -6.999141 -0.396865 1.269854  42 1 0 6.790144 -0.266499 -1.044744  43 1 0 5.533023 1.211830 -2.576548  44 1 0 3.086549 1.489212 -2.310854  45 1 0 1.935458 -1.219428 1.490775  46 1 0 3.208451 -2.665064 3.010509  47 1 0 5.659045 -2.965817 2.706288  48 1 0 6.829018 -1.790990 0.878278  49 1 0 -2.632272 -1.459608 -1.718461  50 1 0 -2.964176 -3.485725 -2.527543  51 1 0 2.735820 2.510458 0.502999  52 1 0 3.078945 4.559645 1.252502  53 1 0 -1.508719 -4.117168 -3.348781  54 1 0 -1.922947 -4.710164 -1.748742  55 1 0 1.946922 5.740988 0.535061  56 1 0 1.679768 5.175423 2.175729 |
| TM\_NP\_model\_scan\_m\_130\_m\_80 | 1 6 0 1.436998 0.265170 -0.612536  2 6 0 0.577697 -0.765044 -0.986913  3 6 0 -0.814163 -0.623892 -0.966655  4 6 0 -1.380647 0.601164 -0.538351  5 6 0 -0.515162 1.629293 -0.164102  6 6 0 0.877089 1.492363 -0.198473  7 6 0 -2.850737 0.831791 -0.403472  8 6 0 -3.396353 1.959052 -0.991230  9 6 0 -4.767803 2.268251 -0.882103  10 6 0 -5.601496 1.454103 -0.159396  11 6 0 -5.088249 0.317911 0.515801  12 6 0 -3.691326 0.005770 0.419757  13 6 0 -3.200915 -1.084549 1.189696  14 6 0 -4.041634 -1.847962 1.963601  15 6 0 -5.424486 -1.565419 2.016919  16 6 0 -5.930210 -0.501845 1.312825  17 6 0 2.916253 0.051736 -0.716189  18 6 0 3.639384 -0.621225 0.319984  19 6 0 5.048457 -0.829662 0.161201  20 6 0 5.692140 -0.364465 -1.014189  21 6 0 4.978585 0.282509 -1.990799  22 6 0 3.589614 0.489974 -1.837927  23 6 0 3.018088 -1.083942 1.511283  24 6 0 3.745047 -1.722028 2.487290  25 6 0 5.132986 -1.932672 2.325443  26 6 0 5.766598 -1.495431 1.188611  27 6 0 -1.651375 -1.720096 -1.500762  28 7 0 -1.176209 -2.868050 -1.763731  29 6 0 -2.068603 -3.863172 -2.322727  30 6 0 1.731472 2.618379 0.230779  31 7 0 1.251534 3.750405 0.549838  32 6 0 2.171170 4.786609 0.973065  33 1 0 0.980935 -1.707806 -1.335722  34 1 0 -0.914359 2.570158 0.193335  35 1 0 -2.756678 2.601382 -1.585691  36 1 0 -5.156343 3.148945 -1.380782  37 1 0 -6.660369 1.676238 -0.079210  38 1 0 -2.142842 -1.308842 1.175771  39 1 0 -3.638745 -2.669824 2.544765  40 1 0 -6.078390 -2.179841 2.625423  41 1 0 -6.987010 -0.261099 1.364193  42 1 0 6.758663 -0.529070 -1.126544  43 1 0 5.473981 0.635882 -2.888099  44 1 0 3.037345 0.996943 -2.621378  45 1 0 1.954721 -0.927479 1.642815  46 1 0 3.251943 -2.067403 3.389009  47 1 0 5.694496 -2.439368 3.102278  48 1 0 6.832511 -1.652005 1.059089  49 1 0 -2.707010 -1.480973 -1.680272  50 1 0 -3.101850 -3.508601 -2.454115  51 1 0 2.810388 2.420381 0.264331  52 1 0 3.225901 4.472902 0.968818  53 1 0 -1.678922 -4.190349 -3.292024  54 1 0 -2.075574 -4.744503 -1.673651  55 1 0 2.056733 5.657557 0.319852  56 1 0 1.902706 5.114257 1.982454 |
| TM\_NP\_model\_scan\_m\_130\_m\_90 | 1 6 0 1.427559 0.143636 -0.699643  2 6 0 0.537596 -0.880201 -1.013556  3 6 0 -0.850077 -0.702220 -0.979831  4 6 0 -1.378928 0.555281 -0.601367  5 6 0 -0.482306 1.580527 -0.298800  6 6 0 0.905059 1.406710 -0.348743  7 6 0 -2.839943 0.825648 -0.443358  8 6 0 -3.377532 1.933280 -1.074026  9 6 0 -4.738259 2.279330 -0.943428  10 6 0 -5.568404 1.522931 -0.156708  11 6 0 -5.061277 0.410366 0.561177  12 6 0 -3.674741 0.061523 0.443402  13 6 0 -3.186766 -0.999967 1.254138  14 6 0 -4.021897 -1.704599 2.087544  15 6 0 -5.396197 -1.387853 2.163727  16 6 0 -5.898041 -0.348873 1.421225  17 6 0 2.900086 -0.122563 -0.777591  18 6 0 3.626141 -0.567625 0.373291  19 6 0 5.030216 -0.826764 0.252092  20 6 0 5.665677 -0.638631 -1.002285  21 6 0 4.948118 -0.213527 -2.091191  22 6 0 3.563658 0.044608 -1.975199  23 6 0 3.009902 -0.760897 1.638973  24 6 0 3.738598 -1.185992 2.723673  25 6 0 5.122914 -1.442185 2.601660  26 6 0 5.750704 -1.266234 1.393275  27 6 0 -1.724364 -1.801818 -1.441925  28 7 0 -1.284274 -2.974175 -1.653281  29 6 0 -2.213695 -3.972826 -2.141014  30 6 0 1.795660 2.537167 -0.015812  31 7 0 1.347871 3.686333 0.288148  32 6 0 2.302542 4.729303 0.603196  33 1 0 0.911676 -1.851157 -1.314148  34 1 0 -0.851987 2.549824 0.011414  35 1 0 -2.741250 2.529540 -1.718057  36 1 0 -5.121723 3.142197 -1.476043  37 1 0 -6.619309 1.773835 -0.058521  38 1 0 -2.134582 -1.248911 1.223544  39 1 0 -3.620661 -2.505703 2.698067  40 1 0 -6.046064 -1.956000 2.819664  41 1 0 -6.947458 -0.081374 1.489050  42 1 0 6.728933 -0.838126 -1.085251  43 1 0 5.437324 -0.072786 -3.048437  44 1 0 3.009119 0.380093 -2.844483  45 1 0 1.948873 -0.569715 1.740714  46 1 0 3.249432 -1.327941 3.680809  47 1 0 5.685994 -1.778722 3.464905  48 1 0 6.813222 -1.462199 1.292604  49 1 0 -2.776841 -1.543808 -1.614226  50 1 0 -3.238062 -3.595620 -2.278882  51 1 0 2.872735 2.328594 -0.045730  52 1 0 3.351931 4.404205 0.540777  53 1 0 -1.848728 -4.368018 -3.094419  54 1 0 -2.236684 -4.813780 -1.440719  55 1 0 2.150728 5.573057 -0.077539  56 1 0 2.106199 5.102180 1.613477 |
| TM\_NP\_model\_scan\_m\_130\_m\_100 | 1 6 0 1.412904 -0.015023 -0.714200  2 6 0 0.497503 -1.043394 -0.922680  3 6 0 -0.885686 -0.831205 -0.899619  4 6 0 -1.383610 0.469089 -0.645551  5 6 0 -0.461890 1.497583 -0.445790  6 6 0 0.920506 1.288057 -0.484499  7 6 0 -2.837327 0.787997 -0.513852  8 6 0 -3.350353 1.841192 -1.249496  9 6 0 -4.702351 2.230012 -1.153532  10 6 0 -5.547812 1.574054 -0.296189  11 6 0 -5.064630 0.526701 0.528422  12 6 0 -3.686934 0.135489 0.445084  13 6 0 -3.220382 -0.849399 1.358707  14 6 0 -4.068615 -1.445911 2.260509  15 6 0 -5.435100 -1.091541 2.305336  16 6 0 -5.915794 -0.122397 1.461319  17 6 0 2.877157 -0.324372 -0.773486  18 6 0 3.651636 -0.480317 0.421289  19 6 0 5.046751 -0.788416 0.309304  20 6 0 5.625058 -0.939337 -0.977272  21 6 0 4.859765 -0.798634 -2.106672  22 6 0 3.484617 -0.492699 -2.000785  23 6 0 3.090878 -0.352512 1.720672  24 6 0 3.865019 -0.510252 2.845152  25 6 0 5.242218 -0.805596 2.732173  26 6 0 5.815858 -0.942248 1.492314  27 6 0 -1.787629 -1.951176 -1.244267  28 7 0 -1.378688 -3.150890 -1.322681  29 6 0 -2.333319 -4.172332 -1.702995  30 6 0 1.837502 2.430322 -0.292518  31 7 0 1.416247 3.607131 -0.066675  32 6 0 2.395105 4.661848 0.100632  33 1 0 0.847770 -2.048178 -1.124363  34 1 0 -0.807611 2.501620 -0.234071  35 1 0 -2.702298 2.355656 -1.949834  36 1 0 -5.067107 3.044923 -1.768442  37 1 0 -6.592467 1.857620 -0.223281  38 1 0 -2.174197 -1.124224 1.352571  39 1 0 -3.683754 -2.189621 2.949205  40 1 0 -6.095504 -1.574863 3.016416  41 1 0 -6.958561 0.174856 1.502782  42 1 0 6.682065 -1.172559 -1.051475  43 1 0 5.304181 -0.919499 -3.088161  44 1 0 2.893016 -0.379931 -2.902376  45 1 0 2.034881 -0.133518 1.818181  46 1 0 3.416643 -0.411032 3.827332  47 1 0 5.841716 -0.927626 3.627262  48 1 0 6.871575 -1.174834 1.398274  49 1 0 -2.832230 -1.685510 -1.449932  50 1 0 -3.346777 -3.785526 -1.887142  51 1 0 2.909637 2.206532 -0.361334  52 1 0 3.436749 4.318839 0.011015  53 1 0 -1.976564 -4.679681 -2.605047  54 1 0 -2.380796 -4.930215 -0.914637  55 1 0 2.212696 5.442791 -0.644561  56 1 0 2.257736 5.126794 1.082059 |
| TM\_NP\_model\_scan\_m\_130\_m\_110 | 1 6 0 1.400032 -0.166384 -0.715000  2 6 0 0.460637 -1.190563 -0.812860  3 6 0 -0.917586 -0.948493 -0.812533  4 6 0 -1.387812 0.380979 -0.694303  5 6 0 -0.443653 1.405380 -0.613735  6 6 0 0.933958 1.164804 -0.634299  7 6 0 -2.833684 0.740677 -0.584450  8 6 0 -3.337211 1.719135 -1.422675  9 6 0 -4.681250 2.140476 -1.355037  10 6 0 -5.527701 1.595176 -0.424190  11 6 0 -5.052573 0.633106 0.502618  12 6 0 -3.683043 0.210042 0.447138  13 6 0 -3.222400 -0.680939 1.455193  14 6 0 -4.069758 -1.162800 2.423916  15 6 0 -5.429210 -0.780381 2.445112  16 6 0 -5.903471 0.102626 1.508040  17 6 0 2.853483 -0.520914 -0.717808  18 6 0 3.660197 -0.387870 0.459892  19 6 0 5.043253 -0.759154 0.399357  20 6 0 5.577437 -1.263443 -0.814146  21 6 0 4.780074 -1.405189 -1.920846  22 6 0 3.418155 -1.035878 -1.867662  23 6 0 3.143310 0.079749 1.698527  24 6 0 3.948978 0.194537 2.805910  25 6 0 5.316259 -0.154657 2.738083  26 6 0 5.846538 -0.623268 1.561764  27 6 0 -1.842787 -2.079994 -1.038196  28 7 0 -1.453100 -3.288426 -1.014287  29 6 0 -2.428077 -4.324641 -1.287929  30 6 0 1.870878 2.307157 -0.598939  31 7 0 1.473441 3.504819 -0.454137  32 6 0 2.468369 4.557856 -0.448665  33 1 0 0.787868 -2.219328 -0.899452  34 1 0 -0.767390 2.434143 -0.516793  35 1 0 -2.688968 2.144988 -2.180043  36 1 0 -5.039188 2.892027 -2.049533  37 1 0 -6.566452 1.903790 -0.371631  38 1 0 -2.181424 -0.974501 1.467305  39 1 0 -3.689517 -1.836406 3.183667  40 1 0 -6.088982 -1.173428 3.210375  41 1 0 -6.940309 0.421928 1.528673  42 1 0 6.625794 -1.540704 -0.848833  43 1 0 5.189524 -1.797300 -2.844975  44 1 0 2.802781 -1.144343 -2.753665  45 1 0 2.095188 0.342064 1.766651  46 1 0 3.532137 0.551190 3.741102  47 1 0 5.941355 -0.057890 3.618617  48 1 0 6.893326 -0.903218 1.503906  49 1 0 -2.886487 -1.817252 -1.251479  50 1 0 -3.439341 -3.940481 -1.488723  51 1 0 2.934639 2.064981 -0.715581  52 1 0 3.499487 4.194634 -0.572898  53 1 0 -2.094102 -4.913617 -2.148181  54 1 0 -2.471758 -5.010562 -0.436055  55 1 0 2.242914 5.269260 -1.249581  56 1 0 2.398462 5.112489 0.492434 |
| TM\_NP\_model\_scan\_m\_130\_m\_120 | 1 6 0 1.393158 -0.256534 -0.712066  2 6 0 0.435587 -1.269129 -0.750911  3 6 0 -0.938528 -1.007460 -0.761697  4 6 0 -1.389350 0.332795 -0.711275  5 6 0 -0.429157 1.345297 -0.694407  6 6 0 0.944612 1.084191 -0.707980  7 6 0 -2.828926 0.719524 -0.613343  8 6 0 -3.323209 1.660022 -1.499244  9 6 0 -4.660603 2.103994 -1.447202  10 6 0 -5.509797 1.620063 -0.485375  11 6 0 -5.043470 0.700475 0.487744  12 6 0 -3.680322 0.255550 0.448345  13 6 0 -3.227304 -0.588392 1.499393  14 6 0 -4.076570 -1.007638 2.495188  15 6 0 -5.430501 -0.605697 2.502077  16 6 0 -5.896814 0.234559 1.522712  17 6 0 2.836541 -0.641053 -0.660757  18 6 0 3.669892 -0.320260 0.463617  19 6 0 5.038863 -0.746659 0.455327  20 6 0 5.531203 -1.497633 -0.642407  21 6 0 4.704551 -1.831004 -1.684513  22 6 0 3.358599 -1.407324 -1.685543  23 6 0 3.192846 0.372793 1.609634  24 6 0 4.024064 0.658451 2.666126  25 6 0 5.380525 0.265088 2.639693  26 6 0 5.871037 -0.425491 1.559853  27 6 0 -1.880283 -2.136543 -0.921832  28 7 0 -1.506049 -3.347384 -0.840369  29 6 0 -2.496958 -4.382982 -1.051577  30 6 0 1.892924 2.216187 -0.777855  31 7 0 1.515499 3.423964 -0.668655  32 6 0 2.517576 4.464234 -0.780739  33 1 0 0.745501 -2.306577 -0.772887  34 1 0 -0.737007 2.382884 -0.659128  35 1 0 -2.673184 2.036417 -2.280898  36 1 0 -5.011461 2.823459 -2.178333  37 1 0 -6.543732 1.946029 -0.444001  38 1 0 -2.190285 -0.894962 1.523045  39 1 0 -3.701843 -1.646192 3.287226  40 1 0 -6.092081 -0.949379 3.289216  41 1 0 -6.929027 0.569081 1.531040  42 1 0 6.569318 -1.812856 -0.636632  43 1 0 5.079162 -2.416411 -2.516536  44 1 0 2.722417 -1.665691 -2.524474  45 1 0 2.153361 0.670715 1.652451  46 1 0 3.634413 1.184743 3.530236  47 1 0 6.026912 0.500395 3.477689  48 1 0 6.907325 -0.746541 1.537470  49 1 0 -2.922440 -1.871087 -1.139076  50 1 0 -3.505077 -3.996166 -1.262737  51 1 0 2.945225 1.956512 -0.947884  52 1 0 3.535653 4.083148 -0.950519  53 1 0 -2.179143 -5.019786 -1.883389  54 1 0 -2.541372 -5.023544 -0.165104  55 1 0 2.247769 5.135746 -1.602132  56 1 0 2.512349 5.067473 0.132612 |
| TM\_NP\_model\_scan\_m\_130\_m\_130 | 1 6 0 -1.389639 0.316053 -0.723676  2 6 0 -0.415834 1.315674 -0.732841  3 6 0 0.954483 1.038195 -0.746511  4 6 0 1.389755 -0.307725 -0.721291  5 6 0 0.416480 -1.307476 -0.735242  6 6 0 -0.953857 -1.029945 -0.750469  7 6 0 2.823456 -0.714583 -0.621993  8 6 0 3.312128 -1.642450 -1.524238  9 6 0 4.643062 -2.105241 -1.471967  10 6 0 5.491268 -1.653125 -0.493911  11 6 0 5.029910 -0.747892 0.494883  12 6 0 3.673158 -0.283785 0.455050  13 6 0 3.223843 0.544312 1.520219  14 6 0 4.071176 0.930862 2.530788  15 6 0 5.419416 0.510297 2.539088  16 6 0 5.881653 -0.315454 1.545578  17 6 0 -2.822633 0.723485 -0.617575  18 6 0 -3.675042 0.275362 0.450763  19 6 0 -5.030461 0.743084 0.497806  20 6 0 -5.487221 1.670581 -0.472204  21 6 0 -4.635260 2.141742 -1.437901  22 6 0 -3.306194 1.675082 -1.497974  23 6 0 -3.229671 -0.571515 1.502827  24 6 0 -4.079737 -0.974001 2.504842  25 6 0 -5.427337 -0.551652 2.517679  26 6 0 -5.885512 0.293129 1.538475  27 6 0 1.910063 2.159688 -0.875920  28 7 0 1.549099 3.372897 -0.772772  29 6 0 2.553707 4.400940 -0.954126  30 6 0 -1.908143 -2.151355 -0.891009  31 7 0 -1.547866 -3.364781 -0.788376  32 6 0 -2.550348 -4.392456 -0.983168  33 1 0 -0.709626 2.357844 -0.720322  34 1 0 0.710858 -2.349553 -0.727336  35 1 0 2.663013 -1.993657 -2.318267  36 1 0 4.989875 -2.813728 -2.215634  37 1 0 6.520393 -1.993869 -0.451739  38 1 0 2.190881 0.864289 1.543108  39 1 0 3.699095 1.557695 3.333356  40 1 0 6.079656 0.828192 3.338094  41 1 0 6.909178 -0.664110 1.554280  42 1 0 -6.515365 2.013568 -0.424673  43 1 0 -4.977799 2.868210 -2.166033  44 1 0 -2.655061 2.040946 -2.283641  45 1 0 -2.197285 -0.893144 1.523447  46 1 0 -3.710079 -1.614800 3.297443  47 1 0 -6.089884 -0.882584 3.309450  48 1 0 -6.912091 0.644409 1.551611  49 1 0 2.950845 1.886658 -1.090368  50 1 0 3.558956 4.006669 -1.165013  51 1 0 -2.946923 -1.877867 -1.114501  52 1 0 -3.553693 -3.997701 -1.202071  53 1 0 2.250464 5.058595 -1.775082  54 1 0 2.598075 5.022304 -0.054119  55 1 0 -2.239091 -5.046803 -1.803770  56 1 0 -2.603046 -5.017351 -0.086065 |
| TM\_NP\_model\_scan\_m\_130\_m\_140 | 1 6 0 -1.388346 0.347422 -0.742302  2 6 0 -0.399292 1.334492 -0.742115  3 6 0 0.967616 1.044386 -0.751129  4 6 0 1.390753 -0.305094 -0.720127  5 6 0 0.406588 -1.293579 -0.739179  6 6 0 -0.960801 -1.002846 -0.762915  7 6 0 2.819549 -0.725795 -0.612555  8 6 0 3.303483 -1.660870 -1.509974  9 6 0 4.629900 -2.135591 -1.450747  10 6 0 5.478161 -1.688161 -0.470580  11 6 0 5.020916 -0.775951 0.513703  12 6 0 3.668607 -0.299691 0.466897  13 6 0 3.222232 0.535088 1.528053  14 6 0 4.068765 0.916684 2.541184  15 6 0 5.413180 0.484238 2.556136  16 6 0 5.872159 -0.348236 1.566732  17 6 0 -2.810902 0.777094 -0.590264  18 6 0 -3.685331 0.247960 0.425853  19 6 0 -5.025214 0.755141 0.518856  20 6 0 -5.439498 1.810957 -0.330791  21 6 0 -4.557008 2.373625 -1.216450  22 6 0 -3.248076 1.865424 -1.328009  23 6 0 -3.276282 -0.705025 1.399724  24 6 0 -4.148160 -1.180194 2.349918  25 6 0 -5.485902 -0.730072 2.388998  26 6 0 -5.906680 0.223472 1.497350  27 6 0 1.933503 2.157923 -0.875095  28 7 0 1.582476 3.374244 -0.774698  29 6 0 2.596977 4.393628 -0.949825  30 6 0 -1.916805 -2.117317 -0.949331  31 7 0 -1.571510 -3.334038 -0.836958  32 6 0 -2.571086 -4.352408 -1.087778  33 1 0 -0.676971 2.380519 -0.718106  34 1 0 0.689309 -2.338911 -0.733057  35 1 0 2.654695 -2.008203 -2.305955  36 1 0 4.973365 -2.849328 -2.190937  37 1 0 6.504031 -2.037921 -0.423267  38 1 0 2.191972 0.863944 1.546046  39 1 0 3.698888 1.548702 3.340694  40 1 0 6.072918 0.798359 3.357045  41 1 0 6.896491 -0.705990 1.580618  42 1 0 -6.455907 2.181168 -0.248533  43 1 0 -4.860858 3.203751 -1.843939  44 1 0 -2.580480 2.302433 -2.061443  45 1 0 -2.251917 -1.049670 1.408899  46 1 0 -3.801377 -1.899648 3.083160  47 1 0 -6.167268 -1.121437 3.135947  48 1 0 -6.921863 0.604443 1.537666  49 1 0 2.973169 1.875915 -1.083248  50 1 0 3.599869 3.990733 -1.155592  51 1 0 -2.941395 -1.834072 -1.221275  52 1 0 -3.559009 -3.948234 -1.354490  53 1 0 2.304037 5.054670 -1.771780  54 1 0 2.642066 5.013717 -0.048956  55 1 0 -2.224443 -5.005144 -1.895378  56 1 0 -2.674106 -4.981458 -0.197964 |
| TM\_NP\_model\_scan\_m\_130\_p\_20 | 1 6 0 1.446544 0.473922 -0.146668  2 6 0 0.705873 -0.713838 -0.229639  3 6 0 -0.674283 -0.756513 -0.444590  4 6 0 -1.403054 0.451468 -0.517544  5 6 0 -0.682336 1.641203 -0.414466  6 6 0 0.702544 1.683334 -0.237000  7 6 0 -2.889337 0.528215 -0.634969  8 6 0 -3.432419 1.330597 -1.622667  9 6 0 -4.825517 1.483205 -1.778144  10 6 0 -5.687451 0.844408 -0.924020  11 6 0 -5.188500 0.058090 0.145041  12 6 0 -3.772066 -0.088731 0.317522  13 6 0 -3.312775 -0.800157 1.459852  14 6 0 -4.193257 -1.375837 2.344135  15 6 0 -5.587160 -1.271667 2.141490  16 6 0 -6.068968 -0.563637 1.069503  17 6 0 2.834544 0.404440 0.400414  18 6 0 3.783146 -0.604070 -0.021659  19 6 0 5.085107 -0.629619 0.583312  20 6 0 5.458743 0.387165 1.497662  21 6 0 4.593984 1.410802 1.780223  22 6 0 3.302929 1.424189 1.215740  23 6 0 3.536090 -1.542478 -1.062153  24 6 0 4.466646 -2.490801 -1.416179  25 6 0 5.709866 -2.562844 -0.753537  26 6 0 6.011521 -1.640712 0.215933  27 6 0 -1.323224 -2.069817 -0.653913  28 7 0 -0.710567 -3.166550 -0.468804  29 6 0 -1.423304 -4.399708 -0.733936  30 6 0 1.354197 3.010425 -0.337942  31 7 0 0.729671 4.095487 -0.123677  32 6 0 1.437458 5.342490 -0.333590  33 1 0 1.189073 -1.669622 -0.085958  34 1 0 -1.198892 2.591524 -0.464986  35 1 0 -2.766742 1.823178 -2.322196  36 1 0 -5.206916 2.101732 -2.582630  37 1 0 -6.761136 0.944910 -1.042673  38 1 0 -2.249701 -0.875842 1.644686  39 1 0 -3.814577 -1.907239 3.209953  40 1 0 -6.271133 -1.737009 2.842219  41 1 0 -7.137921 -0.456000 0.917388  42 1 0 6.445824 0.352246 1.946285  43 1 0 4.884481 2.207576 2.455450  44 1 0 2.620498 2.199479 1.537205  45 1 0 2.607782 -1.496715 -1.612105  46 1 0 4.244329 -3.183284 -2.220210  47 1 0 6.429160 -3.325568 -1.029417  48 1 0 6.979271 -1.654486 0.706472  49 1 0 -2.363224 -2.045549 -1.002297  50 1 0 -2.457204 -4.248883 -1.078379  51 1 0 2.404578 3.006788 -0.658169  52 1 0 2.482315 5.211902 -0.654246  53 1 0 -0.877337 -4.975599 -1.488020  54 1 0 -1.437934 -5.008397 0.175668  55 1 0 0.908234 5.934024 -1.087569  56 1 0 1.420192 5.927149 0.591622 |
| TM\_NP\_model\_scan\_m\_130\_p\_30 | 1 6 0 1.434252 0.428267 -0.069293  2 6 0 0.690068 -0.754724 -0.151812  3 6 0 -0.686165 -0.782475 -0.392109  4 6 0 -1.395286 0.435333 -0.507629  5 6 0 -0.662804 1.618939 -0.419195  6 6 0 0.719350 1.646449 -0.212901  7 6 0 -2.878174 0.527041 -0.656796  8 6 0 -3.392349 1.312152 -1.673297  9 6 0 -4.780281 1.477486 -1.859347  10 6 0 -5.666239 0.868623 -1.007956  11 6 0 -5.197611 0.101436 0.088357  12 6 0 -3.786628 -0.057536 0.292102  13 6 0 -3.358277 -0.747575 1.459334  14 6 0 -4.262559 -1.292286 2.339212  15 6 0 -5.650895 -1.176830 2.106777  16 6 0 -6.103188 -0.488568 1.009367  17 6 0 2.828917 0.361542 0.456421  18 6 0 3.793547 -0.593403 -0.034136  19 6 0 5.101577 -0.624183 0.555781  20 6 0 5.448625 0.326270 1.548756  21 6 0 4.550766 1.289173 1.928693  22 6 0 3.256749 1.311384 1.370563  23 6 0 3.545854 -1.477276 -1.120629  24 6 0 4.494838 -2.375607 -1.547606  25 6 0 5.755011 -2.446067 -0.916208  26 6 0 6.050022 -1.579970 0.105869  27 6 0 -1.349796 -2.089990 -0.590411  28 7 0 -0.757836 -3.191260 -0.368440  29 6 0 -1.481808 -4.419360 -0.626515  30 6 0 1.401892 2.957451 -0.301800  31 7 0 0.782107 4.058108 -0.166981  32 6 0 1.528641 5.286775 -0.348290  33 1 0 1.169028 -1.711802 0.003815  34 1 0 -1.166584 2.573794 -0.502931  35 1 0 -2.707376 1.780580 -2.370805  36 1 0 -5.138575 2.081693 -2.685064  37 1 0 -6.736140 0.978919 -1.149833  38 1 0 -2.299956 -0.831677 1.666378  39 1 0 -3.907080 -1.807834 3.224240  40 1 0 -6.353970 -1.617802 2.804355  41 1 0 -7.167643 -0.372411 0.833692  42 1 0 6.440409 0.287827 1.986674  43 1 0 4.819998 2.029944 2.672991  44 1 0 2.548748 2.039729 1.745203  45 1 0 2.599093 -1.429699 -1.639424  46 1 0 4.274805 -3.030435 -2.383213  47 1 0 6.490551 -3.167619 -1.253351  48 1 0 7.026248 -1.599760 0.579122  49 1 0 -2.380865 -2.058043 -0.963816  50 1 0 -2.504583 -4.261086 -0.999652  51 1 0 2.474432 2.927841 -0.533285  52 1 0 2.593702 5.129534 -0.577343  53 1 0 -0.925816 -5.018130 -1.355019  54 1 0 -1.527690 -5.009201 0.294405  55 1 0 1.075079 5.866925 -1.158366  56 1 0 1.445997 5.895960 0.557347 |
| TM\_NP\_model\_scan\_m\_130\_p\_40 | 1 6 0 1.423190 0.384982 0.011867  2 6 0 0.675061 -0.793173 -0.072243  3 6 0 -0.696608 -0.807293 -0.338635  4 6 0 -1.386064 0.418361 -0.495007  5 6 0 -0.642329 1.595449 -0.416004  6 6 0 0.736017 1.609385 -0.179545  7 6 0 -2.864440 0.524364 -0.678319  8 6 0 -3.346965 1.293644 -1.721990  9 6 0 -4.728411 1.472591 -1.940822  10 6 0 -5.639790 0.893814 -1.095359  11 6 0 -5.204267 0.144738 0.026852  12 6 0 -3.800021 -0.028222 0.263475  13 6 0 -3.405279 -0.698394 1.453955  14 6 0 -4.334846 -1.211040 2.326724  15 6 0 -5.716404 -1.081848 2.063220  16 6 0 -6.136518 -0.412473 0.941596  17 6 0 2.825443 0.316449 0.515283  18 6 0 3.802069 -0.577217 -0.050350  19 6 0 5.115202 -0.624382 0.525592  20 6 0 5.442386 0.241709 1.599375  21 6 0 4.519045 1.135991 2.076001  22 6 0 3.221563 1.176345 1.525842  23 6 0 3.552053 -1.388981 -1.190717  24 6 0 4.514266 -2.231101 -1.694881  25 6 0 5.788003 -2.311081 -1.091135  26 6 0 6.079667 -1.517651 -0.010449  27 6 0 -1.373989 -2.108790 -0.528685  28 7 0 -0.803894 -3.213594 -0.270006  29 6 0 -1.538446 -4.436323 -0.523851  30 6 0 1.444483 2.906670 -0.249598  31 7 0 0.832873 4.018578 -0.189365  32 6 0 1.610691 5.232448 -0.334362  33 1 0 1.148766 -1.751950 0.093859  34 1 0 -1.133122 2.553990 -0.529504  35 1 0 -2.641400 1.738250 -2.414549  36 1 0 -5.061488 2.063324 -2.786604  37 1 0 -6.704969 1.014918 -1.261871  38 1 0 -2.352648 -0.792836 1.684252  39 1 0 -4.004735 -1.711783 3.229902  40 1 0 -6.439705 -1.497449 2.755678  41 1 0 -7.195452 -0.286053 0.741310  42 1 0 6.438156 0.192088 2.027073  43 1 0 4.772579 1.807652 2.888328  44 1 0 2.494286 1.853741 1.957106  45 1 0 2.590322 -1.331145 -1.681466  46 1 0 4.295155 -2.834549 -2.568569  47 1 0 6.535277 -2.986255 -1.492521  48 1 0 7.063003 -1.551314 0.447049  49 1 0 -2.394689 -2.069698 -0.929025  50 1 0 -2.548072 -4.271225 -0.928577  51 1 0 2.531401 2.857134 -0.391921  52 1 0 2.687851 5.055473 -0.475307  53 1 0 -0.971321 -5.057498 -1.224473  54 1 0 -1.618450 -5.006710 0.406948  55 1 0 1.231466 5.802360 -1.188701  56 1 0 1.466374 5.860814 0.550196 |
| TM\_NP\_model\_scan\_m\_130\_p\_50 | 1 6 0 1.414070 0.336786 0.110956  2 6 0 0.657588 -0.833851 0.023272  3 6 0 -0.708241 -0.831793 -0.272808  4 6 0 -1.373616 0.401970 -0.470582  5 6 0 -0.616373 1.570283 -0.391955  6 6 0 0.756270 1.567838 -0.120463  7 6 0 -2.844818 0.525628 -0.697552  8 6 0 -3.285381 1.282591 -1.768414  9 6 0 -4.657011 1.478736 -2.029922  10 6 0 -5.600932 0.930756 -1.199887  11 6 0 -5.209256 0.196697 -0.051826  12 6 0 -3.815138 0.005651 0.227401  13 6 0 -3.464853 -0.648115 1.440739  14 6 0 -4.426827 -1.128139 2.296795  15 6 0 -5.798199 -0.981025 1.992538  16 6 0 -6.175735 -0.327064 0.846909  17 6 0 2.825125 0.255137 0.589620  18 6 0 3.806105 -0.561675 -0.069873  19 6 0 5.129814 -0.634417 0.477457  20 6 0 5.452185 0.122067 1.632638  21 6 0 4.513188 0.931663 2.218657  22 6 0 3.206835 0.999972 1.691239  23 6 0 3.542540 -1.276404 -1.270308  24 6 0 4.510933 -2.045299 -1.869989  25 6 0 5.802152 -2.143345 -1.306244  26 6 0 6.101992 -1.447592 -0.162071  27 6 0 -1.401195 -2.125412 -0.458983  28 7 0 -0.858950 -3.233792 -0.158974  29 6 0 -1.605465 -4.449246 -0.412853  30 6 0 1.489422 2.851528 -0.162712  31 7 0 0.892443 3.972946 -0.178408  32 6 0 1.698713 5.172775 -0.274792  33 1 0 1.122311 -1.795770 0.199671  34 1 0 -1.091020 2.533381 -0.532315  35 1 0 -2.553471 1.702981 -2.448633  36 1 0 -4.956598 2.058323 -2.895708  37 1 0 -6.658926 1.065375 -1.398759  38 1 0 -2.420736 -0.756007 1.701939  39 1 0 -4.130447 -1.616826 3.218103  40 1 0 -6.547310 -1.370967 2.672364  41 1 0 -7.226405 -0.187139 0.614646  42 1 0 6.456037 0.055125 2.038628  43 1 0 4.762958 1.515396 3.097426  44 1 0 2.469435 1.616600 2.192179  45 1 0 2.563130 -1.203446 -1.723781  46 1 0 4.283652 -2.577750 -2.786692  47 1 0 6.555160 -2.758874 -1.785316  48 1 0 7.096124 -1.501387 0.269454  49 1 0 -2.407559 -2.077639 -0.893368  50 1 0 -2.597234 -4.276112 -0.856560  51 1 0 2.583444 2.783566 -0.207175  52 1 0 2.781221 4.978410 -0.315628  53 1 0 -1.025028 -5.094917 -1.079602  54 1 0 -1.728052 -4.997833 0.526400  55 1 0 1.405815 5.731454 -1.169584  56 1 0 1.485689 5.819762 0.582060 |
| TM\_NP\_model\_scan\_m\_130\_p\_60 | 1 6 0 1.401897 0.274666 0.191985  2 6 0 0.633011 -0.884448 0.083490  3 6 0 -0.726540 -0.857923 -0.240931  4 6 0 -1.364459 0.387804 -0.456230  5 6 0 -0.589529 1.543434 -0.364509  6 6 0 0.776508 1.516232 -0.061184  7 6 0 -2.828822 0.536855 -0.711731  8 6 0 -3.235637 1.296784 -1.793706  9 6 0 -4.598397 1.518977 -2.079776  10 6 0 -5.567215 0.994755 -1.263245  11 6 0 -5.210125 0.258437 -0.105366  12 6 0 -3.825099 0.040257 0.198295  13 6 0 -3.508912 -0.615934 1.419706  14 6 0 -4.494918 -1.072612 2.261074  15 6 0 -5.857642 -0.898047 1.933378  16 6 0 -6.202237 -0.241144 0.779061  17 6 0 2.815736 0.169161 0.663147  18 6 0 3.811118 -0.539292 -0.088335  19 6 0 5.137921 -0.645241 0.445159  20 6 0 5.441053 -0.036487 1.689620  21 6 0 4.479478 0.657938 2.378384  22 6 0 3.170841 0.760952 1.860736  23 6 0 3.552184 -1.120181 -1.359640  24 6 0 4.535199 -1.787773 -2.049836  25 6 0 5.834812 -1.910932 -1.509719  26 6 0 6.126348 -1.348244 -0.292305  27 6 0 -1.439625 -2.138064 -0.441969  28 7 0 -0.928214 -3.255894 -0.123492  29 6 0 -1.691337 -4.457178 -0.394806  30 6 0 1.536618 2.784059 -0.060929  31 7 0 0.965994 3.916263 -0.142285  32 6 0 1.801232 5.099513 -0.174430  33 1 0 1.083627 -1.853640 0.258770  34 1 0 -1.044604 2.514298 -0.515791  35 1 0 -2.483895 1.699622 -2.462842  36 1 0 -4.871375 2.100130 -2.953277  37 1 0 -6.618718 1.150060 -1.480636  38 1 0 -2.471876 -0.744719 1.698950  39 1 0 -4.224287 -1.564007 3.188857  40 1 0 -6.625956 -1.269545 2.602015  41 1 0 -7.245717 -0.080399 0.528596  42 1 0 6.447553 -0.126486 2.084533  43 1 0 4.714363 1.124209 3.328533  44 1 0 2.416562 1.292303 2.430190  45 1 0 2.563095 -1.027220 -1.788925  46 1 0 4.313612 -2.221029 -3.018708  47 1 0 6.600050 -2.444083 -2.062542  48 1 0 7.124761 -1.427988 0.125088  49 1 0 -2.432604 -2.071443 -0.903962  50 1 0 -2.666603 -4.266139 -0.866927  51 1 0 2.628618 2.694319 -0.006091  52 1 0 2.878721 4.884188 -0.112757  53 1 0 -1.105209 -5.116429 -1.043015  54 1 0 -1.851218 -4.999910 0.542238  55 1 0 1.603305 5.653965 -1.097436  56 1 0 1.522576 5.759410 0.653259 |
| TM\_NP\_model\_scan\_m\_130\_p\_70 | 1 6 0 1.391459 0.192745 0.281248  2 6 0 0.601925 -0.947171 0.137720  3 6 0 -0.750196 -0.883520 -0.213676  4 6 0 -1.353375 0.380090 -0.425610  5 6 0 -0.555456 1.516596 -0.297496  6 6 0 0.802477 1.451989 0.035657  7 6 0 -2.807804 0.566595 -0.712345  8 6 0 -3.171655 1.350565 -1.792480  9 6 0 -4.521856 1.609427 -2.106039  10 6 0 -5.521289 1.098216 -1.318724  11 6 0 -5.208324 0.337727 -0.163726  12 6 0 -3.836161 0.081602 0.167594  13 6 0 -3.563783 -0.599959 1.385659  14 6 0 -4.579428 -1.044579 2.197725  15 6 0 -5.929766 -0.831603 1.842559  16 6 0 -6.232089 -0.149698 0.690909  17 6 0 2.808067 0.044597 0.739091  18 6 0 3.812896 -0.515509 -0.114863  19 6 0 5.145307 -0.671343 0.390656  20 6 0 5.439821 -0.263284 1.716608  21 6 0 4.464032 0.282833 2.511130  22 6 0 3.149985 0.436633 2.018298  23 6 0 3.551772 -0.905982 -1.456286  24 6 0 4.543439 -1.435182 -2.246649  25 6 0 5.852288 -1.601468 -1.740775  26 6 0 6.143403 -1.225403 -0.453070  27 6 0 -1.488365 -2.142974 -0.450707  28 7 0 -1.014602 -3.276539 -0.129727  29 6 0 -1.797748 -4.455743 -0.438064  30 6 0 1.592174 2.699425 0.097968  31 7 0 1.058388 3.845992 -0.021707  32 6 0 1.921457 5.008479 0.026946  33 1 0 1.031080 -1.928757 0.297969  34 1 0 -0.985715 2.499948 -0.440407  35 1 0 -2.395621 1.744368 -2.438888  36 1 0 -4.760783 2.208674 -2.977293  37 1 0 -6.563545 1.282018 -1.557364  38 1 0 -2.536844 -0.758509 1.686092  39 1 0 -4.341938 -1.556318 3.123592  40 1 0 -6.721760 -1.193861 2.488244  41 1 0 -7.265403 0.040294 0.419649  42 1 0 6.450583 -0.389231 2.090235  43 1 0 4.692360 0.594061 3.524257  44 1 0 2.386226 0.856894 2.663192  45 1 0 2.553336 -0.779226 -1.854838  46 1 0 4.322258 -1.726153 -3.267417  47 1 0 6.624804 -2.022761 -2.374213  48 1 0 7.147716 -1.344024 -0.059662  49 1 0 -2.464871 -2.045979 -0.941524  50 1 0 -2.753802 -4.236104 -0.936408  51 1 0 2.673566 2.581074 0.241184  52 1 0 2.984815 4.766119 0.173843  53 1 0 -1.208308 -5.121368 -1.076684  54 1 0 -1.998241 -5.005161 0.487195  55 1 0 1.812444 5.575916 -0.902881  56 1 0 1.591889 5.667305 0.836604 |
| TM\_NP\_model\_scan\_m\_130\_p\_80 | 1 6 0 1.381586 0.086683 0.356780  2 6 0 0.565203 -1.024323 0.157469  3 6 0 -0.779380 -0.908931 -0.211532  4 6 0 -1.342825 0.378317 -0.386108  5 6 0 -0.517875 1.486890 -0.195861  6 6 0 0.831157 1.370718 0.158274  7 6 0 -2.785398 0.615958 -0.694895  8 6 0 -3.104165 1.450746 -1.750990  9 6 0 -4.439772 1.757411 -2.083440  10 6 0 -5.469722 1.243387 -1.338406  11 6 0 -5.202766 0.431804 -0.206884  12 6 0 -3.845547 0.126416 0.143645  13 6 0 -3.618449 -0.607278 1.340498  14 6 0 -4.663298 -1.053633 2.113620  15 6 0 -5.999345 -0.790924 1.738159  16 6 0 -6.257858 -0.058999 0.606753  17 6 0 2.799405 -0.120894 0.792548  18 6 0 3.813639 -0.485724 -0.149980  19 6 0 5.150856 -0.703231 0.317585  20 6 0 5.438059 -0.550728 1.698267  21 6 0 4.450094 -0.196607 2.581555  22 6 0 3.130843 0.018352 2.124857  23 6 0 3.552420 -0.630490 -1.539423  24 6 0 4.552172 -0.978172 -2.415623  25 6 0 5.868244 -1.199511 -1.951096  26 6 0 6.157614 -1.063521 -0.615926  27 6 0 -1.547036 -2.137175 -0.510286  28 7 0 -1.112837 -3.294493 -0.219380  29 6 0 -1.920876 -4.439137 -0.587715  30 6 0 1.651078 2.590033 0.311649  31 7 0 1.161484 3.755804 0.189529  32 6 0 2.050015 4.889135 0.346173  33 1 0 0.967831 -2.022606 0.278328  34 1 0 -0.920138 2.486552 -0.302211  35 1 0 -2.303775 1.848020 -2.364737  36 1 0 -4.643259 2.395578 -2.935848  37 1 0 -6.501184 1.463938 -1.592307  38 1 0 -2.602998 -0.805034 1.656324  39 1 0 -4.460151 -1.605726 3.024355  40 1 0 -6.814753 -1.155124 2.352861  41 1 0 -7.279489 0.169113 0.320996  42 1 0 6.452878 -0.718816 2.043362  43 1 0 4.673440 -0.082879 3.636362  44 1 0 2.358808 0.290582 2.835952  45 1 0 2.546635 -0.464278 -1.904396  46 1 0 4.331633 -1.083807 -3.471910  47 1 0 6.647433 -1.475217 -2.652764  48 1 0 7.166647 -1.229177 -0.252725  49 1 0 -2.508498 -1.994883 -1.019448  50 1 0 -2.860084 -4.174572 -1.096167  51 1 0 2.714426 2.432801 0.532838  52 1 0 3.092490 4.609752 0.560982  53 1 0 -1.336348 -5.096333 -1.239469  54 1 0 -2.155371 -5.017149 0.311768  55 1 0 2.025613 5.493746 -0.566095  56 1 0 1.679247 5.526911 1.154916 |
| TM\_NP\_model\_scan\_m\_130\_p\_90 | 1 6 0 1.366946 -0.046147 0.366601  2 6 0 0.519595 -1.113494 0.081408  3 6 0 -0.818797 -0.929593 -0.283954  4 6 0 -1.341852 0.383555 -0.362684  5 6 0 -0.485355 1.449488 -0.085551  6 6 0 0.856241 1.265445 0.266518  7 6 0 -2.775311 0.687380 -0.655579  8 6 0 -3.065029 1.607882 -1.646640  9 6 0 -4.389898 1.977212 -1.957947  10 6 0 -5.437403 1.439172 -1.255482  11 6 0 -5.198787 0.539007 -0.186289  12 6 0 -3.852475 0.169071 0.143083  13 6 0 -3.651093 -0.655507 1.284070  14 6 0 -4.711160 -1.124455 2.022291  15 6 0 -6.037608 -0.796209 1.664819  16 6 0 -6.270641 0.021997 0.588274  17 6 0 2.777233 -0.330107 0.786702  18 6 0 3.826712 -0.442750 -0.180388  19 6 0 5.155457 -0.739018 0.267397  20 6 0 5.398988 -0.913610 1.654010  21 6 0 4.376703 -0.800743 2.561448  22 6 0 3.065436 -0.508287 2.123918  23 6 0 3.605712 -0.269338 -1.573322  24 6 0 4.637982 -0.382485 -2.473335  25 6 0 5.947102 -0.676497 -2.029807  26 6 0 6.196493 -0.850517 -0.690873  27 6 0 -1.621271 -2.107578 -0.677940  28 7 0 -1.222199 -3.296527 -0.478004  29 6 0 -2.063432 -4.383346 -0.936729  30 6 0 1.708731 2.440413 0.539083  31 7 0 1.267697 3.629448 0.467828  32 6 0 2.183372 4.715348 0.752269  33 1 0 0.892574 -2.129380 0.125296  34 1 0 -0.857952 2.465777 -0.114115  35 1 0 -2.250528 2.026776 -2.226517  36 1 0 -4.571474 2.682900 -2.760621  37 1 0 -6.460967 1.708096 -1.494281  38 1 0 -2.642897 -0.905623 1.585658  39 1 0 -4.527487 -1.745689 2.891698  40 1 0 -6.865455 -1.178827 2.251046  41 1 0 -7.284146 0.300396 0.318598  42 1 0 6.407816 -1.138969 1.983641  43 1 0 4.566645 -0.936416 3.620195  44 1 0 2.266786 -0.424576 2.852480  45 1 0 2.604561 -0.048426 -1.922078  46 1 0 4.448392 -0.247721 -3.532329  47 1 0 6.752217 -0.764897 -2.750561  48 1 0 7.199288 -1.077248 -0.343823  49 1 0 -2.576943 -1.898529 -1.174977  50 1 0 -2.994768 -4.050149 -1.418482  51 1 0 2.751571 2.227807 0.806995  52 1 0 3.201994 4.383108 1.002961  53 1 0 -1.498838 -5.000726 -1.642763  54 1 0 -2.313934 -5.026836 -0.087464  55 1 0 2.230745 5.382027 -0.114652  56 1 0 1.788758 5.308945 1.583098 |
| TM\_NP\_model\_scan\_m\_130\_p\_100 | 1 6 0 1.358477 -0.164986 0.375064  2 6 0 0.479630 -1.184547 0.018547  3 6 0 -0.851927 -0.936660 -0.333910  4 6 0 -1.336611 0.393138 -0.320614  5 6 0 -0.451311 1.411158 0.036030  6 6 0 0.883623 1.164342 0.373745  7 6 0 -2.758588 0.757982 -0.598529  8 6 0 -3.014884 1.755147 -1.522345  9 6 0 -4.326689 2.180677 -1.816593  10 6 0 -5.394682 1.619499 -1.164918  11 6 0 -5.189960 0.636999 -0.163354  12 6 0 -3.856797 0.210212 0.150350  13 6 0 -3.688356 -0.701283 1.228851  14 6 0 -4.767800 -1.198280 1.919067  15 6 0 -6.081833 -0.812250 1.573722  16 6 0 -6.282744 0.089908 0.559592  17 6 0 2.766393 -0.518928 0.744339  18 6 0 3.831023 -0.402604 -0.206576  19 6 0 5.158247 -0.771796 0.187848  20 6 0 5.385323 -1.248033 1.504808  21 6 0 4.347590 -1.360506 2.394416  22 6 0 3.037712 -0.996237 2.009939  23 6 0 3.624655 0.057328 -1.535146  24 6 0 4.670458 0.155080 -2.421294  25 6 0 5.979488 -0.203255 -2.028148  26 6 0 6.214159 -0.656810 -0.753629  27 6 0 -1.684941 -2.059769 -0.815321  28 7 0 -1.325171 -3.271391 -0.691874  29 6 0 -2.192847 -4.297994 -1.232739  30 6 0 1.761218 2.290749 0.752264  31 7 0 1.364286 3.497049 0.726986  32 6 0 2.297784 4.531051 1.124639  33 1 0 0.824580 -2.210559 -0.015885  34 1 0 -0.796118 2.436378 0.085439  35 1 0 -2.184408 2.193460 -2.063960  36 1 0 -4.482116 2.947867 -2.566610  37 1 0 -6.408638 1.931244 -1.392377  38 1 0 -2.689898 -0.997640 1.520789  39 1 0 -4.609032 -1.886652 2.741547  40 1 0 -6.925406 -1.217416 2.121085  41 1 0 -7.286124 0.412436 0.301464  42 1 0 6.393615 -1.525137 1.794184  43 1 0 4.524413 -1.728717 3.398688  44 1 0 2.227578 -1.088214 2.724620  45 1 0 2.623685 0.326998 -1.848028  46 1 0 4.491230 0.506266 -3.431296  47 1 0 6.795662 -0.121901 -2.737192  48 1 0 7.216138 -0.938238 -0.446501  49 1 0 -2.626793 -1.787468 -1.308055  50 1 0 -3.105508 -3.904206 -1.704474  51 1 0 2.780523 2.026915 1.062033  52 1 0 3.289212 4.148078 1.409438  53 1 0 -1.636831 -4.886092 -1.969882  54 1 0 -2.477052 -4.986963 -0.431085  55 1 0 2.415501 5.244348 0.302713  56 1 0 1.877115 5.089620 1.966902 |
| TM\_NP\_model\_scan\_m\_130\_p\_110 | 1 6 0 -1.347833 -0.279389 -0.325606  2 6 0 -0.438321 -1.250736 0.086622  3 6 0 0.889139 -0.947184 0.409455  4 6 0 1.337720 0.391379 0.312344  5 6 0 0.423903 1.360868 -0.103649  6 6 0 -0.905025 1.058810 -0.417800  7 6 0 2.750561 0.811285 0.556709  8 6 0 2.983970 1.869438 1.416590  9 6 0 4.284667 2.349857 1.673127  10 6 0 5.364177 1.781536 1.047159  11 6 0 5.181482 0.734347 0.108875  12 6 0 3.859336 0.250811 -0.166804  13 6 0 3.710509 -0.729280 -1.186405  14 6 0 4.799450 -1.236728 -1.853731  15 6 0 6.103857 -0.792604 -1.543699  16 6 0 6.284968 0.175705 -0.588553  17 6 0 -2.748653 -0.694248 -0.649400  18 6 0 -3.845036 -0.365323 0.213547  19 6 0 -5.164099 -0.796247 -0.144862  20 6 0 -5.352567 -1.550058 -1.331660  21 6 0 -4.284596 -1.873341 -2.129044  22 6 0 -2.983782 -1.445517 -1.783245  23 6 0 -3.679673 0.358844 1.425094  24 6 0 -4.756101 0.658746 2.225122  25 6 0 -6.057770 0.248041 1.860252  26 6 0 -6.252885 -0.465468 0.703789  27 6 0 1.756636 -2.017222 0.947369  28 7 0 1.431952 -3.243657 0.892614  29 6 0 2.332860 -4.214304 1.480288  30 6 0 -1.802289 2.134362 -0.888750  31 7 0 -1.450682 3.354829 -0.895289  32 6 0 -2.395773 4.334119 -1.391966  33 1 0 -0.756994 -2.280213 0.193317  34 1 0 0.743054 2.388390 -0.224679  35 1 0 2.144918 2.315439 1.938396  36 1 0 4.422536 3.165247 2.374118  37 1 0 6.370063 2.135845 1.246355  38 1 0 2.719213 -1.071478 -1.451389  39 1 0 4.655362 -1.978629 -2.631144  40 1 0 6.955331 -1.206143 -2.072240  41 1 0 7.280152 0.542250 -0.359038  42 1 0 -6.355264 -1.871204 -1.593548  43 1 0 -4.430963 -2.455365 -3.031918  44 1 0 -2.150709 -1.700478 -2.428583  45 1 0 -2.685854 0.670957 1.720060  46 1 0 -4.606232 1.210855 3.146118  47 1 0 -6.898690 0.492172 2.499566  48 1 0 -7.248162 -0.793065 0.421675  49 1 0 2.692805 -1.690533 1.417291  50 1 0 3.234855 -3.769550 1.926573  51 1 0 -2.792171 1.819289 -1.242089  52 1 0 -3.352727 3.900864 -1.719292  53 1 0 1.798173 -4.781467 2.248905  54 1 0 2.635204 -4.933727 0.712678  55 1 0 -2.590702 5.074204 -0.609306  56 1 0 -1.945100 4.875144 -2.230125 |
| TM\_NP\_model\_scan\_m\_130\_p\_120 | 1 6 0 -1.341524 -0.330854 -0.311647  2 6 0 -0.415497 -1.279887 0.119104  3 6 0 0.908235 -0.952481 0.431414  4 6 0 1.338098 0.389867 0.308039  5 6 0 0.409166 1.337938 -0.123836  6 6 0 -0.915967 1.011954 -0.429347  7 6 0 2.745497 0.833836 0.539531  8 6 0 2.967249 1.910927 1.378762  9 6 0 4.262130 2.413735 1.621430  10 6 0 5.347335 1.847916 1.003028  11 6 0 5.176062 0.779968 0.086234  12 6 0 3.859704 0.273713 -0.175932  13 6 0 3.721269 -0.728896 -1.174900  14 6 0 4.815196 -1.236173 -1.834151  15 6 0 6.114412 -0.768832 -1.536783  16 6 0 6.285093 0.221502 -0.602518  17 6 0 -2.740747 -0.775527 -0.592013  18 6 0 -3.853463 -0.327397 0.195903  19 6 0 -5.165009 -0.815131 -0.116334  20 6 0 -5.331449 -1.745905 -1.173551  21 6 0 -4.247464 -2.193343 -1.884431  22 6 0 -2.954943 -1.711908 -1.585210  23 6 0 -3.713276 0.554828 1.301728  24 6 0 -4.804588 0.956174 2.034330  25 6 0 -6.099354 0.497644 1.704267  26 6 0 -6.270669 -0.371066 0.655534  27 6 0 1.790585 -1.999608 0.990040  28 7 0 1.481443 -3.230957 0.962710  29 6 0 2.395582 -4.176968 1.569881  30 6 0 -1.815794 2.063472 -0.948972  31 7 0 -1.495467 3.292397 -0.941751  32 6 0 -2.434110 4.245034 -1.499020  33 1 0 -0.720971 -2.309799 0.255206  34 1 0 0.714674 2.366477 -0.268741  35 1 0 2.123848 2.355498 1.894737  36 1 0 4.391165 3.244305 2.306085  37 1 0 6.348953 2.219474 1.192042  38 1 0 2.733903 -1.089224 -1.430307  39 1 0 4.678975 -1.996100 -2.595407  40 1 0 6.969989 -1.182384 -2.058650  41 1 0 7.275976 0.605488 -0.383148  42 1 0 -6.329342 -2.105632 -1.401325  43 1 0 -4.375086 -2.914911 -2.683420  44 1 0 -2.109664 -2.065485 -2.164747  45 1 0 -2.726750 0.905589 1.575618  46 1 0 -4.671008 1.625310 2.876923  47 1 0 -6.952447 0.825219 2.287693  48 1 0 -7.259289 -0.741213 0.404444  49 1 0 2.723318 -1.650811 1.450785  50 1 0 3.292243 -3.710945 2.005019  51 1 0 -2.775421 1.721835 -1.356825  52 1 0 -3.358348 3.786000 -1.880637  53 1 0 1.869281 -4.734156 2.351474  54 1 0 2.706279 -4.908911 0.817596  55 1 0 -2.694474 4.982443 -0.733087  56 1 0 -1.948186 4.794654 -2.311509 |
| TM\_NP\_model\_scan\_m\_130\_p\_130 | 1 6 0 -1.337602 -0.378414 -0.307979  2 6 0 -0.395693 -1.312508 0.125867  3 6 0 0.925138 -0.969374 0.430560  4 6 0 1.337541 0.378284 0.307616  5 6 0 0.395586 1.312427 -0.126137  6 6 0 -0.925217 0.969325 -0.430846  7 6 0 2.738279 0.842139 0.538992  8 6 0 2.943898 1.922382 1.378366  9 6 0 4.231142 2.444137 1.621477  10 6 0 5.324702 1.894480 1.003165  11 6 0 5.169357 0.824397 0.086022  12 6 0 3.860725 0.298570 -0.176272  13 6 0 3.737200 -0.705708 -1.175534  14 6 0 4.838551 -1.195993 -1.835310  15 6 0 6.130618 -0.709173 -1.538020  16 6 0 6.286568 0.283030 -0.603151  17 6 0 -2.738432 -0.842111 -0.539253  18 6 0 -3.860705 -0.298500 0.176259  19 6 0 -5.169420 -0.824239 -0.085771  20 6 0 -5.325057 -1.894121 -1.003125  21 6 0 -4.231686 -2.443768 -1.621726  22 6 0 -2.944305 -1.922230 -1.378715  23 6 0 -3.736812 0.705595 1.175624  24 6 0 -4.837945 1.195672 1.835953  25 6 0 -6.130084 0.708852 1.539041  26 6 0 -6.286378 -0.283092 0.603937  27 6 0 1.821776 -2.005774 0.986777  28 7 0 1.529231 -3.241084 0.956550  29 6 0 2.456444 -4.176294 1.560724  30 6 0 -1.821833 2.005720 -0.987106  31 7 0 -1.529252 3.241030 -0.956895  32 6 0 -2.456404 4.176311 -1.561094  33 1 0 -0.688479 -2.343770 0.277125  34 1 0 0.688434 2.343688 -0.277317  35 1 0 2.093829 2.354345 1.894109  36 1 0 4.347766 3.276298 2.306424  37 1 0 6.320698 2.280724 1.192447  38 1 0 2.755307 -1.080629 -1.431098  39 1 0 4.713704 -1.957406 -2.597033  40 1 0 6.992204 -1.109395 -2.060392  41 1 0 7.271590 0.681786 -0.383741  42 1 0 -6.321139 -2.280181 -1.192335  43 1 0 -4.348541 -3.275760 -2.306841  44 1 0 -2.094380 -2.354269 -1.894610  45 1 0 -2.754862 1.080675 1.430742  46 1 0 -4.712855 1.956928 2.597788  47 1 0 -6.991492 1.108847 2.061884  48 1 0 -7.271500 -0.681699 0.384713  49 1 0 2.750248 -1.645564 1.447339  50 1 0 3.347656 -3.699467 1.995305  51 1 0 -2.750288 1.645535 -1.447701  52 1 0 -3.347625 3.699536 -1.995709  53 1 0 1.938614 -4.741571 2.342167  54 1 0 2.775441 -4.902858 0.806694  55 1 0 -2.775386 4.902889 -0.807076  56 1 0 -1.938515 4.741562 -2.342516 |
| TM\_NP\_model\_scan\_m\_130\_p\_140 | 1 6 0 -1.336344 0.408750 0.325553  2 6 0 -0.382562 1.337336 -0.100113  3 6 0 0.935305 0.988547 -0.407336  4 6 0 1.335814 -0.364531 -0.308909  5 6 0 0.385344 -1.294939 0.113177  6 6 0 -0.931487 -0.944557 0.426389  7 6 0 2.730836 -0.838226 -0.552178  8 6 0 2.923023 -1.906039 -1.410464  9 6 0 4.204302 -2.435969 -1.666946  10 6 0 5.305190 -1.907584 -1.043078  11 6 0 5.163292 -0.852044 -0.107064  12 6 0 3.860800 -0.317836 0.168393  13 6 0 3.750112 0.670114 1.185285  14 6 0 4.858210 1.137510 1.850391  15 6 0 6.144473 0.643079 1.540701  16 6 0 6.287853 -0.333995 0.588031  17 6 0 -2.741180 0.881523 0.509255  18 6 0 -3.867044 0.272675 -0.151833  19 6 0 -5.175021 0.825682 0.058194  20 6 0 -5.327675 1.992953 0.847336  21 6 0 -4.229880 2.615126 1.383730  22 6 0 -2.946011 2.065536 1.198591  23 6 0 -3.751904 -0.812217 -1.064553  24 6 0 -4.856867 -1.360828 -1.670240  25 6 0 -6.148471 -0.855844 -1.404826  26 6 0 -6.297290 0.219438 -0.566247  27 6 0 1.839678 2.026413 -0.948580  28 7 0 1.557891 3.263478 -0.896839  29 6 0 2.491343 4.200833 -1.487981  30 6 0 -1.816502 -1.977767 1.009155  31 7 0 -1.539476 -3.215702 0.956205  32 6 0 -2.447165 -4.145528 1.597350  33 1 0 -0.665354 2.371136 -0.250480  34 1 0 0.669070 -2.330345 0.252699  35 1 0 2.067012 -2.320758 -1.930516  36 1 0 4.310559 -3.257354 -2.366432  37 1 0 6.296738 -2.300186 -1.242368  38 1 0 2.772750 1.050277 1.450389  39 1 0 4.743208 1.886472 2.625884  40 1 0 7.011482 1.025342 2.067536  41 1 0 7.268194 -0.738660 0.358717  42 1 0 -6.323336 2.396812 0.997205  43 1 0 -4.340828 3.525653 1.961485  44 1 0 -2.096233 2.555669 1.659592  45 1 0 -2.773148 -1.203329 -1.304059  46 1 0 -4.733616 -2.182365 -2.366943  47 1 0 -7.013413 -1.304215 -1.880408  48 1 0 -7.280290 0.639154 -0.379395  49 1 0 2.764030 1.666031 -1.417196  50 1 0 3.378891 3.724093 -1.930081  51 1 0 -2.718333 -1.611120 1.515599  52 1 0 -3.311276 -3.662457 2.077353  53 1 0 1.977070 4.780881 -2.260903  54 1 0 2.815945 4.914155 -0.723800  55 1 0 -2.809995 -4.862731 0.854257  56 1 0 -1.899087 -4.722263 2.349204 |
| TM\_NP\_model\_scan\_m\_130\_p\_150 | 1 6 0 -1.337067 0.433913 0.360816  2 6 0 -0.372055 1.360908 -0.049843  3 6 0 0.942250 1.010515 -0.366871  4 6 0 1.332767 -0.347604 -0.306976  5 6 0 0.375296 -1.278415 0.095919  6 6 0 -0.937393 -0.925047 0.422658  7 6 0 2.721688 -0.827022 -0.570582  8 6 0 2.899173 -1.873470 -1.457913  9 6 0 4.174227 -2.406951 -1.736883  10 6 0 5.283575 -1.904123 -1.106854  11 6 0 5.156736 -0.872362 -0.142556  12 6 0 3.860647 -0.334767 0.155553  13 6 0 3.764799 0.627185 1.198498  14 6 0 4.881066 1.067350 1.868560  15 6 0 6.161046 0.570394 1.537577  16 6 0 6.290076 -0.382327 0.558536  17 6 0 -2.747556 0.910717 0.494950  18 6 0 -3.871641 0.251084 -0.126951  19 6 0 -5.181987 0.818111 0.032462  20 6 0 -5.339405 2.055505 0.703819  21 6 0 -4.241371 2.735255 1.163744  22 6 0 -2.958625 2.169644 1.037573  23 6 0 -3.756842 -0.888194 -0.971515  24 6 0 -4.860202 -1.480925 -1.537428  25 6 0 -6.154509 -0.970624 -1.298732  26 6 0 -6.304152 0.161602 -0.539780  27 6 0 1.850945 2.054851 -0.888718  28 7 0 1.577191 3.292197 -0.808589  29 6 0 2.513223 4.236469 -1.384733  30 6 0 -1.807513 -1.961672 1.024771  31 7 0 -1.535838 -3.199894 0.957207  32 6 0 -2.422518 -4.129815 1.627035  33 1 0 -0.643197 2.398659 -0.190406  34 1 0 0.650164 -2.318878 0.213682  35 1 0 2.036209 -2.267251 -1.982726  36 1 0 4.269051 -3.210548 -2.458330  37 1 0 6.270462 -2.299461 -1.323134  38 1 0 2.792414 1.008473 1.479854  39 1 0 4.777454 1.796374 2.664385  40 1 0 7.034577 0.931267 2.068711  41 1 0 7.265459 -0.788988 0.312255  42 1 0 -6.336518 2.467877 0.815722  43 1 0 -4.351305 3.703309 1.638994  44 1 0 -2.115004 2.706880 1.454333  45 1 0 -2.778709 -1.285475 -1.199334  46 1 0 -4.732035 -2.341465 -2.184370  47 1 0 -7.018699 -1.456037 -1.737861  48 1 0 -7.287385 0.592906 -0.382989  49 1 0 2.770807 1.699343 -1.369647  50 1 0 3.397388 3.764188 -1.838185  51 1 0 -2.689866 -1.595103 1.564668  52 1 0 -3.268132 -3.646240 2.138428  53 1 0 1.999300 4.832728 -2.145479  54 1 0 2.842960 4.934198 -0.608502  55 1 0 -2.813095 -4.844005 0.895168  56 1 0 -1.849850 -4.709972 2.357637 |
| TM\_NP\_model\_scan\_m\_130\_p\_160 | 1 6 0 -1.339016 0.459608 0.385496  2 6 0 -0.360083 1.384950 -0.003239  3 6 0 0.951579 1.034812 -0.328087  4 6 0 1.331753 -0.327139 -0.313474  5 6 0 0.365998 -1.258739 0.064419  6 6 0 -0.942666 -0.903899 0.405046  7 6 0 2.714973 -0.811006 -0.595918  8 6 0 2.880109 -1.830127 -1.516829  9 6 0 4.149421 -2.365909 -1.816791  10 6 0 5.265111 -1.893875 -1.174208  11 6 0 5.150562 -0.892505 -0.176846  12 6 0 3.860415 -0.352604 0.142059  13 6 0 3.776152 0.576224 1.215435  14 6 0 4.898154 0.983940 1.896423  15 6 0 6.172516 0.485762 1.546209  16 6 0 6.290165 -0.436152 0.536694  17 6 0 -2.754075 0.942506 0.470900  18 6 0 -3.880060 0.235334 -0.102650  19 6 0 -5.193529 0.806833 0.020581  20 6 0 -5.353367 2.101353 0.571416  21 6 0 -4.252561 2.831114 0.937139  22 6 0 -2.970318 2.257764 0.861031  23 6 0 -3.769380 -0.948328 -0.884992  24 6 0 -4.874097 -1.584177 -1.399557  25 6 0 -6.170721 -1.077509 -1.168388  26 6 0 -6.318481 0.101909 -0.485392  27 6 0 1.866572 2.088475 -0.820099  28 7 0 1.599536 3.324645 -0.706299  29 6 0 2.540677 4.279411 -1.256291  30 6 0 -1.794871 -1.947363 1.024797  31 7 0 -1.525072 -3.184924 0.942594  32 6 0 -2.387519 -4.118264 1.638726  33 1 0 -0.615857 2.427634 -0.128794  34 1 0 0.631291 -2.304180 0.157207  35 1 0 2.011943 -2.199115 -2.051020  36 1 0 4.234805 -3.146649 -2.564050  37 1 0 6.247670 -2.291174 -1.406020  38 1 0 2.808027 0.957197 1.511574  39 1 0 4.803378 1.687831 2.715618  40 1 0 7.050695 0.820983 2.086415  41 1 0 7.261061 -0.843878 0.274939  42 1 0 -6.351877 2.516708 0.655964  43 1 0 -4.359299 3.845156 1.305000  44 1 0 -2.133554 2.840775 1.225443  45 1 0 -2.792632 -1.344586 -1.116506  46 1 0 -4.743782 -2.475776 -2.002529  47 1 0 -7.036481 -1.598780 -1.560745  48 1 0 -7.302208 0.538178 -0.346443  49 1 0 2.784946 1.741515 -1.309927  50 1 0 3.423864 3.815187 -1.719843  51 1 0 -2.657908 -1.584004 1.597187  52 1 0 -3.215028 -3.637282 2.181260  53 1 0 2.030834 4.896683 -2.002897  54 1 0 2.871595 4.955965 -0.462050  55 1 0 -2.803410 -4.829460 0.917932  56 1 0 -1.789820 -4.701389 2.346559 |
| TM\_NP\_model\_scan\_m\_140\_m\_0 | 1 6 0 1.465958 0.548721 0.066597  2 6 0 0.725601 -0.586398 -0.311410  3 6 0 -0.655948 -0.606243 -0.516245  4 6 0 -1.390915 0.596000 -0.431693  5 6 0 -0.666246 1.749481 -0.123186  6 6 0 0.711073 1.761493 0.100507  7 6 0 -2.875188 0.694190 -0.529855  8 6 0 -3.412712 1.755499 -1.240356  9 6 0 -4.802368 1.951478 -1.359880  10 6 0 -5.673615 1.093857 -0.738472  11 6 0 -5.185096 0.038135 0.071007  12 6 0 -3.769880 -0.154015 0.215125  13 6 0 -3.331520 -1.136254 1.145976  14 6 0 -4.225148 -1.923686 1.831777  15 6 0 -5.615276 -1.775735 1.633017  16 6 0 -6.079445 -0.808504 0.778281  17 6 0 2.950769 0.494655 -0.128003  18 6 0 3.727036 -0.708125 0.135042  19 6 0 5.137173 -0.699306 -0.142203  20 6 0 5.781597 0.510627 -0.501107  21 6 0 5.068438 1.677584 -0.536190  22 6 0 3.676089 1.663572 -0.320985  23 6 0 3.211675 -1.889024 0.740757  24 6 0 3.988238 -3.007894 0.934712  25 6 0 5.340514 -3.025823 0.538091  26 6 0 5.901537 -1.883611 0.027436  27 6 0 -1.269708 -1.858895 -1.011865  28 7 0 -0.683579 -2.981257 -0.918865  29 6 0 -1.341430 -4.144445 -1.479491  30 6 0 1.257700 3.032609 0.638480  31 7 0 0.770587 4.166693 0.340027  32 6 0 1.310500 5.336570 1.004600  33 1 0 1.231134 -1.508011 -0.550292  34 1 0 -1.185657 2.689822 0.004655  35 1 0 -2.742950 2.423488 -1.769598  36 1 0 -5.174072 2.777428 -1.955504  37 1 0 -6.746046 1.224266 -0.837363  38 1 0 -2.273829 -1.255340 1.334366  39 1 0 -3.858693 -2.658236 2.540047  40 1 0 -6.309673 -2.410478 2.171751  41 1 0 -7.145715 -0.661534 0.641108  42 1 0 6.846934 0.499044 -0.705000  43 1 0 5.557960 2.619001 -0.757934  44 1 0 3.152178 2.593206 -0.485463  45 1 0 2.194277 -1.910248 1.099069  46 1 0 3.553630 -3.880111 1.409791  47 1 0 5.936838 -3.921107 0.672308  48 1 0 6.955762 -1.853920 -0.227662  49 1 0 -2.253663 -1.760071 -1.487758  50 1 0 -2.317568 -3.924723 -1.936923  51 1 0 2.074297 2.932646 1.366873  52 1 0 2.124836 5.110521 1.709951  53 1 0 -0.689484 -4.596974 -2.233359  54 1 0 -1.479224 -4.892912 -0.692763  55 1 0 1.676809 6.042324 0.252432  56 1 0 0.506444 5.844785 1.546338 |
| TM\_NP\_model\_scan\_m\_140\_m\_10 | 1 6 0 1.462785 0.520956 -0.019148  2 6 0 0.712113 -0.602471 -0.403751  3 6 0 -0.672726 -0.599824 -0.583794  4 6 0 -1.392298 0.608406 -0.443813  5 6 0 -0.653573 1.746161 -0.111382  6 6 0 0.729225 1.738685 0.080592  7 6 0 -2.878161 0.721213 -0.504857  8 6 0 -3.422765 1.808553 -1.168897  9 6 0 -4.813060 2.020105 -1.248623  10 6 0 -5.677101 1.151314 -0.632789  11 6 0 -5.179056 0.067232 0.132187  12 6 0 -3.762620 -0.141335 0.235884  13 6 0 -3.311236 -1.154911 1.125976  14 6 0 -4.195365 -1.955179 1.809223  15 6 0 -5.588424 -1.789531 1.648713  16 6 0 -6.063992 -0.792848 0.835081  17 6 0 2.945287 0.460304 -0.201425  18 6 0 3.720374 -0.715096 0.149240  19 6 0 5.135374 -0.713917 -0.097736  20 6 0 5.773077 0.467189 -0.552743  21 6 0 5.048415 1.616264 -0.721231  22 6 0 3.653805 1.610366 -0.521046  23 6 0 3.186490 -1.861936 0.801207  24 6 0 3.962895 -2.959984 1.089373  25 6 0 5.330681 -2.985977 0.747761  26 6 0 5.902016 -1.876108 0.179896  27 6 0 -1.312849 -1.829107 -1.104043  28 7 0 -0.737326 -2.959999 -1.063171  29 6 0 -1.423520 -4.096657 -1.643950  30 6 0 1.321648 2.983589 0.627660  31 7 0 0.815515 4.129188 0.416966  32 6 0 1.416336 5.271383 1.077041  33 1 0 1.211022 -1.524703 -0.660154  34 1 0 -1.162723 2.685240 0.060399  35 1 0 -2.759668 2.486901 -1.693298  36 1 0 -5.191190 2.867270 -1.809391  37 1 0 -6.750343 1.293779 -0.701682  38 1 0 -2.250452 -1.288573 1.284900  39 1 0 -3.818829 -2.714042 2.485863  40 1 0 -6.275539 -2.434439 2.184710  41 1 0 -7.131840 -0.632645 0.728364  42 1 0 6.842462 0.450230 -0.734071  43 1 0 5.533285 2.534230 -1.033289  44 1 0 3.114007 2.512660 -0.771600  45 1 0 2.152285 -1.870077 1.110461  46 1 0 3.517367 -3.809581 1.594414  47 1 0 5.928539 -3.864619 0.961756  48 1 0 6.963287 -1.857078 -0.045218  49 1 0 -2.307329 -1.704470 -1.551129  50 1 0 -2.408737 -3.850817 -2.067426  51 1 0 2.198922 2.853901 1.275801  52 1 0 2.287151 5.016910 1.700389  53 1 0 -0.797182 -4.531158 -2.429488  54 1 0 -1.549391 -4.869349 -0.878944  55 1 0 1.720508 6.004903 0.323669  56 1 0 0.664430 5.760183 1.704753 |
| TM\_NP\_model\_scan\_m\_140\_m\_20 | 1 6 0 1.459254 0.495781 -0.103364  2 6 0 0.698153 -0.615353 -0.494512  3 6 0 -0.689459 -0.591313 -0.649514  4 6 0 -1.392773 0.620523 -0.455046  5 6 0 -0.639361 1.741644 -0.099966  6 6 0 0.747870 1.715640 0.060970  7 6 0 -2.879251 0.747168 -0.479215  8 6 0 -3.429142 1.859057 -1.096362  9 6 0 -4.818910 2.085407 -1.136048  10 6 0 -5.676316 1.206339 -0.525688  11 6 0 -5.170498 0.095555 0.194599  12 6 0 -3.754067 -0.128926 0.257154  13 6 0 -3.291285 -1.172246 1.105950  14 6 0 -4.166294 -1.983961 1.787424  15 6 0 -5.561136 -1.800899 1.666274  16 6 0 -6.046514 -0.776613 0.893743  17 6 0 2.941578 0.426511 -0.262561  18 6 0 3.710211 -0.720998 0.167561  19 6 0 5.128611 -0.730351 -0.054489  20 6 0 5.765163 0.413442 -0.598365  21 6 0 5.036233 1.537039 -0.885402  22 6 0 3.639673 1.543163 -0.697945  23 6 0 3.156701 -1.830602 0.864791  24 6 0 3.928152 -2.905236 1.239849  25 6 0 5.307287 -2.940078 0.945019  26 6 0 5.891494 -1.867014 0.321685  27 6 0 -1.355477 -1.796607 -1.192870  28 7 0 -0.790319 -2.933335 -1.206862  29 6 0 -1.504111 -4.042866 -1.806397  30 6 0 1.383119 2.937315 0.608746  31 7 0 0.866901 4.090097 0.474656  32 6 0 1.522580 5.209318 1.121568  33 1 0 1.189308 -1.538433 -0.767288  34 1 0 -1.137317 2.678319 0.113246  35 1 0 -2.772284 2.547232 -1.615750  36 1 0 -5.202095 2.952544 -1.661768  37 1 0 -6.749479 1.360353 -0.564287  38 1 0 -2.228294 -1.320246 1.234348  39 1 0 -3.780894 -2.765756 2.432221  40 1 0 -6.241308 -2.454821 2.200207  41 1 0 -7.115007 -0.603551 0.818056  42 1 0 6.837404 0.389158 -0.761281  43 1 0 5.521487 2.423371 -1.278029  44 1 0 3.090552 2.418272 -1.019197  45 1 0 2.110020 -1.825522 1.131381  46 1 0 3.471297 -3.729665 1.775576  47 1 0 5.902295 -3.799567 1.232333  48 1 0 6.957970 -1.860098 0.121881  49 1 0 -2.360387 -1.648125 -1.608214  50 1 0 -2.498690 -3.773630 -2.192098  51 1 0 2.307810 2.785293 1.180990  52 1 0 2.438280 4.933141 1.666252  53 1 0 -0.905003 -4.455166 -2.624495  54 1 0 -1.615406 -4.840811 -1.065436  55 1 0 1.770534 5.965682 0.370150  56 1 0 0.824217 5.679667 1.821132 |
| TM\_NP\_model\_scan\_m\_140\_m\_30 | 1 6 0 1.456440 0.473645 -0.186706  2 6 0 0.683828 -0.624783 -0.583050  3 6 0 -0.706015 -0.580392 -0.712204  4 6 0 -1.391914 0.633179 -0.465041  5 6 0 -0.622942 1.736830 -0.089526  6 6 0 0.767920 1.693208 0.039621  7 6 0 -2.877979 0.772815 -0.453156  8 6 0 -3.431295 1.907454 -1.023848  9 6 0 -4.819498 2.146983 -1.025089  10 6 0 -5.671078 1.257753 -0.421457  11 6 0 -5.159419 0.122075 0.254525  12 6 0 -3.744112 -0.116587 0.277583  13 6 0 -3.271938 -1.187996 1.085149  14 6 0 -4.138607 -2.011003 1.763695  15 6 0 -5.534068 -1.812140 1.680506  16 6 0 -6.027365 -0.762039 0.948707  17 6 0 2.939023 0.391592 -0.323398  18 6 0 3.697211 -0.723780 0.188413  19 6 0 5.117283 -0.750644 -0.016805  20 6 0 5.756838 0.342154 -0.654443  21 6 0 5.029623 1.432670 -1.054688  22 6 0 3.631983 1.457662 -0.874448  23 6 0 3.123972 -1.784946 0.941908  24 6 0 3.886684 -2.830815 1.404812  25 6 0 5.273240 -2.880379 1.146003  26 6 0 5.871772 -1.855578 0.457805  27 6 0 -1.397494 -1.761316 -1.276870  28 7 0 -0.843836 -2.901792 -1.343880  29 6 0 -1.583513 -3.984227 -1.961125  30 6 0 1.443719 2.893217 0.583698  31 7 0 0.919697 4.049183 0.530030  32 6 0 1.626645 5.146810 1.159401  33 1 0 1.165834 -1.548850 -0.872082  34 1 0 -1.108386 2.670287 0.163322  35 1 0 -2.780008 2.605237 -1.537364  36 1 0 -5.206321 3.032647 -1.516121  37 1 0 -6.743364 1.422070 -0.431106  38 1 0 -2.207728 -1.349082 1.184066  39 1 0 -3.745925 -2.814361 2.376826  40 1 0 -6.207910 -2.474956 2.211493  41 1 0 -7.095632 -0.577488 0.902760  42 1 0 6.830568 0.305358 -0.804959  43 1 0 5.518665 2.276681 -1.527701  44 1 0 3.078079 2.303232 -1.262536  45 1 0 2.068703 -1.762522 1.174012  46 1 0 3.418685 -3.621360 1.980533  47 1 0 5.861972 -3.716134 1.506901  48 1 0 6.941616 -1.865356 0.277009  49 1 0 -2.411094 -1.590314 -1.661278  50 1 0 -2.585435 -3.693913 -2.310780  51 1 0 2.411088 2.723685 1.073855  52 1 0 2.583086 4.853728 1.618451  53 1 0 -1.010047 -4.373324 -2.808470  54 1 0 -1.682353 -4.806080 -1.244956  55 1 0 1.813762 5.928724 0.416560  56 1 0 0.987452 5.591827 1.928679 |
| TM\_NP\_model\_scan\_m\_140\_m\_40 | 1 6 0 -1.454706 0.455888 0.269448  2 6 0 -0.670567 -0.629774 0.670884  3 6 0 0.721180 -0.567715 0.773256  4 6 0 1.389928 0.645321 0.476671  5 6 0 0.605727 1.731589 0.082654  6 6 0 -0.787620 1.672155 -0.015937  7 6 0 2.874695 0.796280 0.429956  8 6 0 3.430023 1.951202 0.956099  9 6 0 4.815778 2.202287 0.920578  10 6 0 5.662065 1.303876 0.323239  11 6 0 5.146000 0.146103 -0.310571  12 6 0 3.732711 -0.104976 -0.295844  13 6 0 3.252611 -1.201336 -1.064336  14 6 0 4.111442 -2.034338 -1.740612  15 6 0 5.506548 -1.821515 -1.693871  16 6 0 6.006373 -0.748644 -1.000528  17 6 0 -2.938160 0.357409 0.383367  18 6 0 -3.681760 -0.720882 -0.212563  19 6 0 -5.102220 -0.774058 -0.018657  20 6 0 -5.749450 0.252799 0.714267  21 6 0 -5.029635 1.303128 1.222577  22 6 0 -3.631705 1.355143 1.047075  23 6 0 -3.087707 -1.721699 -1.029304  24 6 0 -3.837264 -2.734642 -1.578141  25 6 0 -5.228166 -2.806848 -1.346290  26 6 0 -5.843288 -1.842158 -0.588794  27 6 0 1.436754 -1.725977 1.354535  28 7 0 0.895204 -2.868558 1.468226  29 6 0 1.659300 -3.926483 2.097981  30 6 0 -1.500095 2.852662 -0.553154  31 7 0 -0.971657 4.007628 -0.580584  32 6 0 -1.725386 5.087073 -1.186103  33 1 0 -1.142775 -1.554388 0.976384  34 1 0 1.078490 2.660904 -0.207087  35 1 0 2.783806 2.657662 1.464103  36 1 0 5.205137 3.104407 1.378554  37 1 0 6.732811 1.477292 0.305172  38 1 0 2.187983 -1.373926 -1.135231  39 1 0 3.712618 -2.856695 -2.323877  40 1 0 6.174461 -2.492198 -2.222463  41 1 0 7.073692 -0.553952 -0.983143  42 1 0 -6.823600 0.197122 0.856028  43 1 0 -5.525781 2.093439 1.774436  44 1 0 -3.078664 2.169125 1.500333  45 1 0 -2.026757 -1.677193 -1.233457  46 1 0 -3.356862 -3.481884 -2.199666  47 1 0 -5.806923 -3.615398 -1.778346  48 1 0 -6.914934 -1.874466 -0.421739  49 1 0 2.457614 -1.535299 1.709357  50 1 0 2.666811 -3.618086 2.414465  51 1 0 -2.503851 2.670912 -0.957473  52 1 0 -2.715101 4.782901 -1.559272  53 1 0 1.110041 -4.295420 2.970033  54 1 0 1.747904 -4.767984 1.403629  55 1 0 -1.853132 5.891848 -0.455160  56 1 0 -1.148250 5.506557 -2.016379 |
| TM\_NP\_model\_scan\_m\_140\_m\_50 | 1 6 0 -1.454284 0.438478 0.359438  2 6 0 -0.655280 -0.632102 0.766064  3 6 0 0.737721 -0.551658 0.839373  4 6 0 1.386565 0.659414 0.492081  5 6 0 0.584226 1.727593 0.085893  6 6 0 -0.810870 1.651803 0.021818  7 6 0 2.868740 0.820945 0.404747  8 6 0 3.427201 1.994455 0.884200  9 6 0 4.809403 2.255535 0.806314  10 6 0 5.648035 1.347612 0.212656  11 6 0 5.126126 0.168676 -0.375674  12 6 0 3.715820 -0.092956 -0.318124  13 6 0 3.225974 -1.213715 -1.044296  14 6 0 4.074583 -2.058024 -1.719407  15 6 0 5.468580 -1.833124 -1.713826  16 6 0 5.976480 -0.737883 -1.062643  17 6 0 -2.938082 0.314250 0.455344  18 6 0 -3.659914 -0.714225 -0.240367  19 6 0 -5.079890 -0.807121 -0.061615  20 6 0 -5.742792 0.128284 0.772973  21 6 0 -5.038565 1.125412 1.397916  22 6 0 -3.640890 1.217533 1.232215  23 6 0 -3.039161 -1.629934 -1.133079  24 6 0 -3.767835 -2.597786 -1.781836  25 6 0 -5.161313 -2.705448 -1.578052  26 6 0 -5.799349 -1.825373 -0.740351  27 6 0 1.479577 -1.684751 1.436857  28 7 0 0.951012 -2.826639 1.605399  29 6 0 1.742491 -3.856358 2.247761  30 6 0 -1.559510 2.814268 -0.503024  31 7 0 -1.030339 3.963669 -0.617069  32 6 0 -1.828439 5.027729 -1.191608  33 1 0 -1.114512 -1.557539 1.090048  34 1 0 1.041222 2.653308 -0.238859  35 1 0 2.787983 2.709662 1.388780  36 1 0 5.202428 3.173180 1.228966  37 1 0 6.716444 1.528983 0.162529  38 1 0 2.161446 -1.396639 -1.083784  39 1 0 3.668234 -2.899054 -2.269946  40 1 0 6.128687 -2.512763 -2.240779  41 1 0 7.042209 -0.534440 -1.077577  42 1 0 -6.816641 0.044341 0.902849  43 1 0 -5.547557 1.842395 2.032096  44 1 0 -3.097159 1.991222 1.762096  45 1 0 -1.974370 -1.554951 -1.309159  46 1 0 -3.270040 -3.282118 -2.459584  47 1 0 -5.723828 -3.477043 -2.091523  48 1 0 -6.871886 -1.889835 -0.588960  49 1 0 2.508774 -1.474705 1.754692  50 1 0 2.756791 -3.529928 2.521691  51 1 0 -2.594782 2.625416 -0.812906  52 1 0 -2.847990 4.718918 -1.467829  53 1 0 1.223334 -4.197671 3.149025  54 1 0 1.816241 -4.721350 1.581141  55 1 0 -1.888965 5.857187 -0.479850  56 1 0 -1.322864 5.415041 -2.081981 |
| TM\_NP\_model\_scan\_m\_140\_m\_60 | 1 6 0 -1.453937 0.412941 0.454998  2 6 0 -0.636594 -0.641846 0.861596  3 6 0 0.756906 -0.542377 0.903079  4 6 0 1.382416 0.668640 0.513653  5 6 0 0.559085 1.719278 0.104090  6 6 0 -0.836473 1.625358 0.075233  7 6 0 2.860422 0.843627 0.386082  8 6 0 3.418146 2.032750 0.826088  9 6 0 4.795097 2.306308 0.707486  10 6 0 5.628168 1.394611 0.111885  11 6 0 5.104164 0.198296 -0.438321  12 6 0 3.698620 -0.076212 -0.339632  13 6 0 3.202533 -1.216603 -1.030288  14 6 0 4.042685 -2.065837 -1.709769  15 6 0 5.433946 -1.826907 -1.744118  16 6 0 5.946469 -0.713611 -1.128139  17 6 0 -2.937384 0.256439 0.538947  18 6 0 -3.637151 -0.699587 -0.269143  19 6 0 -5.054897 -0.839564 -0.107645  20 6 0 -5.734016 -0.024678 0.833524  21 6 0 -5.046997 0.898187 1.580410  22 6 0 -3.650766 1.037191 1.428409  23 6 0 -2.991608 -1.501716 -1.248978  24 6 0 -3.698413 -2.404572 -2.006343  25 6 0 -5.091935 -2.554970 -1.829401  26 6 0 -5.751790 -1.786322 -0.903291  27 6 0 1.527343 -1.653736 1.505024  28 7 0 1.014797 -2.795315 1.719486  29 6 0 1.836428 -3.801571 2.361214  30 6 0 -1.621345 2.771416 -0.430529  31 7 0 -1.098203 3.910291 -0.638888  32 6 0 -1.941350 4.960341 -1.173042  33 1 0 -1.079102 -1.569838 1.202077  34 1 0 0.997001 2.643897 -0.249115  35 1 0 2.784298 2.751940 1.331781  36 1 0 5.188696 3.236759 1.100578  37 1 0 6.692976 1.585689 0.030804  38 1 0 2.139373 -1.411344 -1.038948  39 1 0 3.631446 -2.921900 -2.232822  40 1 0 6.087713 -2.510482 -2.273869  41 1 0 7.009282 -0.499816 -1.174222  42 1 0 -6.806291 -0.142207 0.949655  43 1 0 -5.568642 1.520651 2.298610  44 1 0 -3.119963 1.755462 2.043286  45 1 0 -1.925525 -1.392277 -1.399586  46 1 0 -3.184069 -3.005040 -2.748217  47 1 0 -5.637027 -3.273669 -2.430915  48 1 0 -6.823565 -1.888194 -0.767901  49 1 0 2.564221 -1.427494 1.784132  50 1 0 2.856965 -3.460384 2.590515  51 1 0 -2.682462 2.580818 -0.633332  52 1 0 -2.985788 4.652830 -1.333355  53 1 0 1.351777 -4.121983 3.289013  54 1 0 1.893935 -4.683920 1.716056  55 1 0 -1.923657 5.817642 -0.492613  56 1 0 -1.524379 5.306390 -2.124273 |
| TM\_NP\_model\_scan\_m\_140\_m\_70 | 1 6 0 -1.450724 0.365318 0.548538  2 6 0 -0.610884 -0.673120 0.946739  3 6 0 0.781980 -0.550582 0.957619  4 6 0 1.379160 0.665864 0.541461  5 6 0 0.530984 1.700332 0.141080  6 6 0 -0.863114 1.583204 0.144267  7 6 0 2.851160 0.861376 0.376613  8 6 0 3.401747 2.062780 0.791365  9 6 0 4.771009 2.355773 0.635477  10 6 0 5.602465 1.451111 0.027129  11 6 0 5.082852 0.242060 -0.498890  12 6 0 3.684570 -0.052456 -0.362126  13 6 0 3.188590 -1.206442 -1.030031  14 6 0 4.024023 -2.048897 -1.723591  15 6 0 5.410178 -1.789472 -1.795469  16 6 0 5.921161 -0.663242 -1.202170  17 6 0 -2.932423 0.172296 0.626139  18 6 0 -3.618775 -0.675753 -0.302497  19 6 0 -5.032296 -0.864429 -0.156353  20 6 0 -5.717831 -0.205010 0.895697  21 6 0 -5.040802 0.610972 1.766034  22 6 0 -3.648002 0.797527 1.627811  23 6 0 -2.960327 -1.327199 -1.380373  24 6 0 -3.653395 -2.131025 -2.253068  25 6 0 -5.044179 -2.326627 -2.098071  26 6 0 -5.714901 -1.704731 -1.074439  27 6 0 1.584005 -1.644111 1.550628  28 7 0 1.093295 -2.789552 1.793937  29 6 0 1.947449 -3.776872 2.422494  30 6 0 -1.685032 2.714945 -0.332537  31 7 0 -1.182732 3.849715 -0.604256  32 6 0 -2.067849 4.888411 -1.090486  33 1 0 -1.032525 -1.607283 1.296930  34 1 0 0.946170 2.629408 -0.227749  35 1 0 2.770037 2.777280 1.306300  36 1 0 5.160184 3.295726 1.009924  37 1 0 6.661839 1.657325 -0.082880  38 1 0 2.128747 -1.417734 -1.009520  39 1 0 3.612669 -2.915667 -2.228611  40 1 0 6.060572 -2.467771 -2.336044  41 1 0 6.979068 -0.433888 -1.277236  42 1 0 -6.787166 -0.356729 0.999011  43 1 0 -5.568084 1.112515 2.569686  44 1 0 -3.123965 1.433714 2.332453  45 1 0 -1.895455 -1.181567 -1.509760  46 1 0 -3.130856 -2.618408 -3.068503  47 1 0 -5.578694 -2.965649 -2.791917  48 1 0 -6.783971 -1.845312 -0.952752  49 1 0 2.625561 -1.401337 1.796234  50 1 0 2.969918 -3.419551 2.616004  51 1 0 -2.758089 2.518077 -0.449398  52 1 0 -3.120142 4.575411 -1.166152  53 1 0 1.495776 -4.091760 3.368665  54 1 0 1.996884 -4.666514 1.786754  55 1 0 -2.002106 5.756781 -0.427234  56 1 0 -1.725103 5.219781 -2.075925 |
| TM\_NP\_model\_scan\_m\_140\_m\_80 | 1 6 0 1.439914 0.263589 -0.622931  2 6 0 0.569685 -0.763268 -0.979907  3 6 0 -0.820362 -0.606452 -0.967994  4 6 0 -1.379571 0.633244 -0.568499  5 6 0 -0.499324 1.656222 -0.208766  6 6 0 0.890920 1.505032 -0.238281  7 6 0 -2.843379 0.869009 -0.383734  8 6 0 -3.371194 2.074721 -0.815238  9 6 0 -4.730525 2.404060 -0.645491  10 6 0 -5.574231 1.532277 -0.006783  11 6 0 -5.075771 0.322143 0.536896  12 6 0 -3.687037 -0.008625 0.386510  13 6 0 -3.208603 -1.159914 1.071584  14 6 0 -4.053485 -1.967569 1.794474  15 6 0 -5.432017 -1.673832 1.880167  16 6 0 -5.924916 -0.548176 1.270681  17 6 0 2.916888 0.030066 -0.712008  18 6 0 3.623667 -0.633010 0.341699  19 6 0 5.030848 -0.863293 0.196824  20 6 0 5.688742 -0.429165 -0.982546  21 6 0 4.990579 0.207979 -1.976600  22 6 0 3.603484 0.436608 -1.837696  23 6 0 2.987796 -1.065764 1.536627  24 6 0 3.699186 -1.696035 2.529021  25 6 0 5.085291 -1.928041 2.381084  26 6 0 5.732753 -1.519775 1.241304  27 6 0 -1.659301 -1.692662 -1.521944  28 7 0 -1.201531 -2.855292 -1.747542  29 6 0 -2.091428 -3.834397 -2.338171  30 6 0 1.755151 2.630046 0.173888  31 7 0 1.285758 3.772241 0.471583  32 6 0 2.214561 4.806257 0.879921  33 1 0 0.962819 -1.716447 -1.311478  34 1 0 -0.884568 2.604744 0.142810  35 1 0 -2.730609 2.762857 -1.354514  36 1 0 -5.102588 3.345378 -1.033653  37 1 0 -6.626679 1.766102 0.113962  38 1 0 -2.154395 -1.396655 1.040478  39 1 0 -3.655334 -2.833237 2.311807  40 1 0 -6.090308 -2.325245 2.443768  41 1 0 -6.975891 -0.292053 1.355835  42 1 0 6.753691 -0.610107 -1.084178  43 1 0 5.496761 0.537085 -2.877100  44 1 0 3.063289 0.935200 -2.634819  45 1 0 1.925716 -0.892851 1.657619  46 1 0 3.195119 -2.018751 3.433069  47 1 0 5.634376 -2.428319 3.170857  48 1 0 6.797294 -1.693102 1.122275  49 1 0 -2.698663 -1.429595 -1.755630  50 1 0 -3.106598 -3.454081 -2.526330  51 1 0 2.831863 2.421738 0.214341  52 1 0 3.266093 4.482014 0.883754  53 1 0 -1.662677 -4.185920 -3.282097  54 1 0 -2.155695 -4.705611 -1.678664  55 1 0 2.110541 5.667295 0.212011  56 1 0 1.946931 5.153263 1.883046 |
| TM\_NP\_model\_scan\_m\_140\_m\_90 | 1 6 0 1.429595 0.133978 -0.702890  2 6 0 0.528962 -0.886330 -0.995801  3 6 0 -0.856714 -0.692895 -0.972516  4 6 0 -1.378245 0.579175 -0.628947  5 6 0 -0.466923 1.598436 -0.342829  6 6 0 0.918068 1.410227 -0.386015  7 6 0 -2.831791 0.860714 -0.427026  8 6 0 -3.340492 2.054333 -0.911689  9 6 0 -4.686602 2.427585 -0.728371  10 6 0 -5.535190 1.614236 -0.022563  11 6 0 -5.053415 0.422496 0.574250  12 6 0 -3.677717 0.047360 0.408706  13 6 0 -3.211652 -1.078791 1.142340  14 6 0 -4.058187 -1.824243 1.927444  15 6 0 -5.426000 -1.489150 2.031053  16 6 0 -5.905330 -0.384349 1.374384  17 6 0 2.899227 -0.149868 -0.768980  18 6 0 3.616794 -0.574899 0.394651  19 6 0 5.017946 -0.853839 0.283945  20 6 0 5.658889 -0.704363 -0.972840  21 6 0 4.949452 -0.297384 -2.073928  22 6 0 3.567913 -0.019998 -1.968424  23 6 0 2.994937 -0.729293 1.662945  24 6 0 3.715711 -1.135824 2.759980  25 6 0 5.097133 -1.411616 2.648340  26 6 0 5.730086 -1.273498 1.437745  27 6 0 -1.732460 -1.785036 -1.452223  28 7 0 -1.308728 -2.969827 -1.622503  29 6 0 -2.235218 -3.956115 -2.140333  30 6 0 1.818377 2.538670 -0.072192  31 7 0 1.380772 3.698103 0.206378  32 6 0 2.344260 4.737589 0.505927  33 1 0 0.892784 -1.867331 -1.275565  34 1 0 -0.822414 2.575683 -0.042205  35 1 0 -2.696389 2.695918 -1.501802  36 1 0 -5.044841 3.355945 -1.158469  37 1 0 -6.577984 1.881974 0.110860  38 1 0 -2.165038 -1.345244 1.098291  39 1 0 -3.669118 -2.671970 2.480184  40 1 0 -6.086024 -2.091786 2.644686  41 1 0 -6.946839 -0.095810 1.471259  42 1 0 6.719838 -0.918742 -1.047850  43 1 0 5.442878 -0.186124 -3.032886  44 1 0 3.019803 0.300493 -2.847388  45 1 0 1.935924 -0.523328 1.756898  46 1 0 3.222386 -1.247978 3.718925  47 1 0 5.653892 -1.733274 3.521301  48 1 0 6.790391 -1.484770 1.345011  49 1 0 -2.769413 -1.507742 -1.680475  50 1 0 -3.241675 -3.558011 -2.338169  51 1 0 2.893420 2.318651 -0.092472  52 1 0 3.390575 4.400788 0.455527  53 1 0 -1.831049 -4.377859 -3.066125  54 1 0 -2.314992 -4.782691 -1.427178  55 1 0 2.204516 5.569290 -0.192002  56 1 0 2.146555 5.132147 1.507673 |
| TM\_NP\_model\_scan\_m\_140\_m\_100 | 1 6 0 1.414944 -0.024284 -0.712073  2 6 0 0.487156 -1.043660 -0.907062  3 6 0 -0.893527 -0.815072 -0.893565  4 6 0 -1.381765 0.494866 -0.663275  5 6 0 -0.443470 1.512637 -0.473923  6 6 0 0.935832 1.287909 -0.508791  7 6 0 -2.826757 0.831923 -0.486686  8 6 0 -3.303325 1.991866 -1.075139  9 6 0 -4.638389 2.416489 -0.927107  10 6 0 -5.508343 1.691523 -0.154151  11 6 0 -5.058913 0.543679 0.545117  12 6 0 -3.693827 0.118436 0.415804  13 6 0 -3.258217 -0.951300 1.246217  14 6 0 -4.124826 -1.603490 2.090189  15 6 0 -5.483307 -1.224661 2.160226  16 6 0 -5.932382 -0.168025 1.409697  17 6 0 2.875592 -0.351148 -0.759902  18 6 0 3.644060 -0.491538 0.440703  19 6 0 5.036497 -0.815062 0.340074  20 6 0 5.618055 -0.996739 -0.941071  21 6 0 4.858284 -0.870854 -2.075944  22 6 0 3.485846 -0.549382 -1.981336  23 6 0 3.079595 -0.333024 1.735049  24 6 0 3.848003 -0.476080 2.865421  25 6 0 5.222766 -0.786434 2.763533  26 6 0 5.799731 -0.952839 1.528854  27 6 0 -1.797910 -1.925329 -1.266488  28 7 0 -1.404237 -3.131234 -1.322047  29 6 0 -2.355877 -4.139903 -1.742021  30 6 0 1.864262 2.423881 -0.333732  31 7 0 1.454843 3.609224 -0.132167  32 6 0 2.444335 4.656433 0.019341  33 1 0 0.825040 -2.055295 -1.095138  34 1 0 -0.772922 2.522505 -0.265757  35 1 0 -2.642807 2.560852 -1.719102  36 1 0 -4.971530 3.312883 -1.437670  37 1 0 -6.543338 1.998231 -0.046405  38 1 0 -2.218839 -1.247716 1.229276  39 1 0 -3.758624 -2.409917 2.715526  40 1 0 -6.159708 -1.754397 2.821419  41 1 0 -6.965886 0.155338 1.478265  42 1 0 6.673025 -1.241494 -1.006540  43 1 0 5.305033 -1.015190 -3.053191  44 1 0 2.898782 -0.448039 -2.887240  45 1 0 2.025390 -0.102055 1.823836  46 1 0 3.396954 -0.353430 3.843719  47 1 0 5.817778 -0.896464 3.663163  48 1 0 6.853529 -1.197211 1.443543  49 1 0 -2.828103 -1.644877 -1.519904  50 1 0 -3.353885 -3.738814 -1.973566  51 1 0 2.934186 2.187430 -0.393857  52 1 0 3.482503 4.300555 -0.059475  53 1 0 -1.966153 -4.656309 -2.625081  54 1 0 -2.450951 -4.893733 -0.954058  55 1 0 2.273389 5.425026 -0.741254  56 1 0 2.308160 5.141277 0.991245 |
| TM\_NP\_model\_scan\_m\_140\_m\_110 | 1 6 0 1.401957 -0.166605 -0.712231  2 6 0 0.450084 -1.178449 -0.812322  3 6 0 -0.925204 -0.920563 -0.819790  4 6 0 -1.385162 0.414449 -0.707040  5 6 0 -0.424278 1.425250 -0.622179  6 6 0 0.949858 1.169760 -0.640859  7 6 0 -2.821330 0.795426 -0.550643  8 6 0 -3.282467 1.905658 -1.238772  9 6 0 -4.607706 2.368066 -1.118080  10 6 0 -5.482784 1.733695 -0.274528  11 6 0 -5.047543 0.645852 0.522809  12 6 0 -3.692074 0.184183 0.420905  13 6 0 -3.267263 -0.812950 1.342474  14 6 0 -4.136511 -1.367073 2.251343  15 6 0 -5.486915 -0.957075 2.298446  16 6 0 -5.924670 0.034009 1.457250  17 6 0 2.851151 -0.537288 -0.705994  18 6 0 3.653739 -0.404639 0.474648  19 6 0 5.033658 -0.788640 0.422611  20 6 0 5.568522 -1.305497 -0.785268  21 6 0 4.774751 -1.447157 -1.894580  22 6 0 3.416177 -1.064667 -1.850060  23 6 0 3.135500 0.074820 1.708217  24 6 0 3.937402 0.189657 2.818308  25 6 0 5.301974 -0.171462 2.758561  26 6 0 5.833166 -0.652204 1.587578  27 6 0 -1.853597 -2.041118 -1.088625  28 7 0 -1.480067 -3.254201 -1.053765  29 6 0 -2.453022 -4.276939 -1.380403  30 6 0 1.898538 2.302640 -0.607525  31 7 0 1.512952 3.505757 -0.476862  32 6 0 2.519067 4.548103 -0.473657  33 1 0 0.764578 -2.211161 -0.899082  34 1 0 -0.731206 2.457895 -0.515987  35 1 0 -2.618540 2.400533 -1.938074  36 1 0 -4.929593 3.220574 -1.705282  37 1 0 -6.510634 2.069288 -0.186047  38 1 0 -2.233853 -1.129973 1.343502  39 1 0 -3.778550 -2.118964 2.945648  40 1 0 -6.165622 -1.410289 3.012102  41 1 0 -6.951193 0.382353 1.505009  42 1 0 6.614456 -1.592466 -0.813619  43 1 0 5.184689 -1.849029 -2.814289  44 1 0 2.804115 -1.172350 -2.738443  45 1 0 2.089226 0.345866 1.770511  46 1 0 3.519609 0.555515 3.749513  47 1 0 5.924107 -0.074283 3.641142  48 1 0 6.877713 -0.941577 1.535973  49 1 0 -2.882792 -1.764122 -1.349265  50 1 0 -3.449371 -3.879490 -1.624977  51 1 0 2.960475 2.048185 -0.713851  52 1 0 3.547080 4.172679 -0.586810  53 1 0 -2.086230 -4.863713 -2.228722  54 1 0 -2.544354 -4.968420 -0.536840  55 1 0 2.307316 5.254263 -1.282930  56 1 0 2.448265 5.112324 0.461644 |
| TM\_NP\_model\_scan\_m\_140\_m\_120 | 1 6 0 1.394227 -0.253140 -0.711357  2 6 0 0.425896 -1.254813 -0.755120  3 6 0 -0.945463 -0.979993 -0.774249  4 6 0 -1.388021 0.364664 -0.729361  5 6 0 -0.412922 1.365014 -0.703841  6 6 0 0.957653 1.091314 -0.713128  7 6 0 -2.817918 0.772494 -0.585175  8 6 0 -3.269297 1.851002 -1.328085  9 6 0 -4.587528 2.336807 -1.223745  10 6 0 -5.464642 1.760378 -0.341572  11 6 0 -5.037701 0.711149 0.510161  12 6 0 -3.689391 0.226097 0.423599  13 6 0 -3.270523 -0.725777 1.394320  14 6 0 -4.139780 -1.218083 2.338133  15 6 0 -5.484072 -0.787332 2.373084  16 6 0 -5.915389 0.162866 1.482799  17 6 0 2.833213 -0.651769 -0.651617  18 6 0 3.664414 -0.335596 0.475647  19 6 0 5.029408 -0.774654 0.474693  20 6 0 5.519646 -1.533385 -0.618622  21 6 0 4.694592 -1.862170 -1.663462  22 6 0 3.352715 -1.425920 -1.671843  23 6 0 3.188623 0.364941 1.617611  24 6 0 4.017773 0.646059 2.676949  25 6 0 5.370717 0.240373 2.657577  26 6 0 5.859648 -0.457807 1.581919  27 6 0 -1.888934 -2.101340 -0.980319  28 7 0 -1.529057 -3.315728 -0.890263  29 6 0 -2.516814 -4.341303 -1.157701  30 6 0 1.916088 2.215328 -0.777671  31 7 0 1.548563 3.426379 -0.671290  32 6 0 2.560191 4.457957 -0.777308  33 1 0 0.724710 -2.295482 -0.779025  34 1 0 -0.705396 2.406278 -0.657194  35 1 0 -2.604230 2.299005 -2.057249  36 1 0 -4.902524 3.160880 -1.853718  37 1 0 -6.487369 2.113955 -0.264504  38 1 0 -2.241400 -1.056314 1.404990  39 1 0 -3.786392 -1.936461 3.069288  40 1 0 -6.162902 -1.191796 3.115354  41 1 0 -6.936668 0.527580 1.519366  42 1 0 6.554800 -1.858044 -0.607351  43 1 0 5.067493 -2.453361 -2.492150  44 1 0 2.718020 -1.680505 -2.513045  45 1 0 2.151647 0.672160 1.655143  46 1 0 3.629106 1.178191 3.537911  47 1 0 6.015537 0.472231 3.497738  48 1 0 6.893056 -0.788322 1.565021  49 1 0 -2.917287 -1.825270 -1.245218  50 1 0 -3.510144 -3.944406 -1.415164  51 1 0 2.967157 1.946587 -0.941136  52 1 0 3.575912 4.068113 -0.941189  53 1 0 -2.163875 -4.975024 -1.977646  54 1 0 -2.610256 -4.987777 -0.279343  55 1 0 2.301113 5.132037 -1.600075  56 1 0 2.554904 5.061027 0.136174 |
| TM\_NP\_model\_scan\_m\_140\_m\_130 | 1 6 0 1.390414 -0.310606 -0.724929  2 6 0 0.406096 -1.299401 -0.741441  3 6 0 -0.961361 -1.009191 -0.762891  4 6 0 -1.388636 0.340832 -0.741414  5 6 0 -0.400727 1.328595 -0.743814  6 6 0 0.966343 1.038860 -0.754272  7 6 0 -2.812111 0.768988 -0.595106  8 6 0 -3.256158 1.838067 -1.355949  9 6 0 -4.567367 2.342347 -1.251004  10 6 0 -5.444329 1.794896 -0.350378  11 6 0 -5.023510 0.757592 0.518808  12 6 0 -3.682186 0.253785 0.431166  13 6 0 -3.267184 -0.683629 1.417422  14 6 0 -4.134630 -1.145904 2.377956  15 6 0 -5.473038 -0.697438 2.415142  16 6 0 -5.899833 0.240144 1.509442  17 6 0 2.818540 -0.731889 -0.610960  18 6 0 3.669789 -0.291724 0.461616  19 6 0 5.020557 -0.772025 0.515291  20 6 0 5.473483 -1.703713 -0.452504  21 6 0 4.621867 -2.167188 -1.422222  22 6 0 3.297503 -1.688261 -1.488783  23 6 0 3.226967 0.558799 1.511780  24 6 0 4.075640 0.952992 2.518284  25 6 0 5.419233 0.518335 2.537618  26 6 0 5.874530 -0.330207 1.560314  27 6 0 -1.918694 -2.123894 -0.939797  28 7 0 -1.572258 -3.340348 -0.827778  29 6 0 -2.573996 -4.359337 -1.067288  30 6 0 1.930829 2.152910 -0.885447  31 7 0 1.580064 3.369044 -0.782190  32 6 0 2.592532 4.388857 -0.966511  33 1 0 0.688686 -2.344718 -0.732804  34 1 0 -0.679687 2.374410 -0.722316  35 1 0 -2.591630 2.263086 -2.099208  36 1 0 -4.877199 3.157560 -1.894911  37 1 0 -6.461879 2.162879 -0.272250  38 1 0 -2.242122 -1.026559 1.426671  39 1 0 -3.784124 -1.853870 3.120550  40 1 0 -6.150649 -1.078138 3.170971  41 1 0 -6.916095 0.618519 1.547026  42 1 0 6.498225 -2.056024 -0.400044  43 1 0 4.961192 -2.896820 -2.148688  44 1 0 2.647012 -2.047929 -2.277817  45 1 0 2.197384 0.889550 1.527630  46 1 0 3.707818 1.596600 3.309455  47 1 0 6.080832 0.842809 3.332844  48 1 0 6.897763 -0.690894 1.578414  49 1 0 -2.945665 -1.841341 -1.203297  50 1 0 -3.564201 -3.955776 -1.326290  51 1 0 2.968862 1.871346 -1.102222  52 1 0 3.593924 3.986315 -1.180060  53 1 0 -2.234412 -5.014071 -1.876268  54 1 0 -2.669109 -4.986148 -0.175008  55 1 0 2.292511 5.048912 -1.786725  56 1 0 2.644539 5.009886 -0.066666 |
| TM\_NP\_model\_scan\_m\_140\_m\_140 | 1 6 0 -1.388930 0.342779 -0.743306  2 6 0 -0.389145 1.318526 -0.750253  3 6 0 0.974685 1.015205 -0.766964  4 6 0 1.389352 -0.338455 -0.739920  5 6 0 0.390304 -1.314452 -0.747736  6 6 0 -0.973598 -1.011041 -0.766728  7 6 0 2.807259 -0.780869 -0.585449  8 6 0 3.244024 -1.856396 -1.341519  9 6 0 4.549961 -2.372745 -1.230040  10 6 0 5.428730 -1.830851 -0.327790  11 6 0 5.014460 -0.787097 0.536799  12 6 0 3.678248 -0.271061 0.442749  13 6 0 3.268231 0.672729 1.424980  14 6 0 4.136385 1.129715 2.387413  15 6 0 5.470507 0.669169 2.430633  16 6 0 5.891920 -0.274893 1.529149  17 6 0 -2.805953 0.786657 -0.583389  18 6 0 -3.680586 0.265513 0.436692  19 6 0 -5.015218 0.785133 0.535977  20 6 0 -5.423459 1.845132 -0.311373  21 6 0 -4.539718 2.399967 -1.200743  22 6 0 -3.236170 1.879566 -1.318546  23 6 0 -3.275844 -0.691273 1.408625  24 6 0 -4.147708 -1.158571 2.362729  25 6 0 -5.481088 -0.696221 2.407903  26 6 0 -5.897100 0.261360 1.518350  27 6 0 1.942961 2.121631 -0.937987  28 7 0 1.606923 3.341124 -0.827605  29 6 0 2.619427 4.351155 -1.060214  30 6 0 -1.940427 -2.117901 -0.944084  31 7 0 -1.605160 -3.337263 -0.830262  32 6 0 -2.615561 -4.347552 -1.070783  33 1 0 -0.655097 2.367687 -0.729972  34 1 0 0.657058 -2.363499 -0.728166  35 1 0 2.578559 -2.277023 -2.086420  36 1 0 4.854514 -3.192684 -1.870456  37 1 0 6.442514 -2.208065 -0.244889  38 1 0 2.246205 1.024706 1.429787  39 1 0 3.789627 1.842762 3.126893  40 1 0 6.148872 1.045769 3.187835  41 1 0 6.904507 -0.662500 1.571523  42 1 0 -6.435998 2.224759 -0.224454  43 1 0 -4.838629 3.233159 -1.826542  44 1 0 -2.568089 2.310405 -2.055170  45 1 0 -2.254523 -1.044924 1.413386  46 1 0 -3.804144 -1.881114 3.094442  47 1 0 -6.162638 -1.081427 3.157876  48 1 0 -6.908517 0.651702 1.563388  49 1 0 2.968844 1.829904 -1.195554  50 1 0 3.607253 3.938647 -1.313978  51 1 0 -2.964171 -1.826397 -1.210318  52 1 0 -3.601175 -3.935331 -1.333465  53 1 0 2.290588 5.009946 -1.870325  54 1 0 2.715235 4.975917 -0.166569  55 1 0 -2.279691 -5.007081 -1.877397  56 1 0 -2.719132 -4.971511 -0.177436 |
| TM\_NP\_model\_scan\_m\_140\_p\_20 | 1 6 0 1.446338 0.481802 -0.153744  2 6 0 0.697008 -0.699607 -0.244209  3 6 0 -0.682013 -0.732665 -0.466723  4 6 0 -1.406294 0.479164 -0.546100  5 6 0 -0.673459 1.662481 -0.432294  6 6 0 0.710084 1.695434 -0.248010  7 6 0 -2.894612 0.573360 -0.611948  8 6 0 -3.454408 1.515351 -1.459481  9 6 0 -4.846806 1.705947 -1.556495  10 6 0 -5.697288 0.969917 -0.772436  11 6 0 -5.182508 0.055625 0.180385  12 6 0 -3.763784 -0.127725 0.298604  13 6 0 -3.293439 -0.943235 1.364823  14 6 0 -4.162591 -1.590788 2.209828  15 6 0 -5.558830 -1.461874 2.043237  16 6 0 -6.052097 -0.648437 1.055007  17 6 0 2.829391 0.401244 0.403468  18 6 0 3.773977 -0.612633 -0.014979  19 6 0 5.071481 -0.648953 0.598887  20 6 0 5.445588 0.362392 1.519066  21 6 0 4.586086 1.391372 1.798327  22 6 0 3.299331 1.415743 1.224476  23 6 0 3.527963 -1.545676 -1.060512  24 6 0 4.454721 -2.498798 -1.411606  25 6 0 5.692778 -2.581473 -0.740614  26 6 0 5.993697 -1.664925 0.234374  27 6 0 -1.325031 -2.041818 -0.721712  28 7 0 -0.725067 -3.143596 -0.526546  29 6 0 -1.427029 -4.369207 -0.849568  30 6 0 1.369731 3.019593 -0.337304  31 7 0 0.749982 4.107050 -0.121550  32 6 0 1.466650 5.351201 -0.318000  33 1 0 1.172365 -1.659807 -0.103836  34 1 0 -1.180155 2.618443 -0.468954  35 1 0 -2.803009 2.081955 -2.114620  36 1 0 -5.237239 2.430014 -2.262491  37 1 0 -6.772112 1.094796 -0.850497  38 1 0 -2.229582 -1.039321 1.530304  39 1 0 -3.771524 -2.197529 3.018775  40 1 0 -6.234155 -1.986924 2.709257  41 1 0 -7.122187 -0.512953 0.937111  42 1 0 6.429123 0.319201 1.974702  43 1 0 4.877360 2.184082 2.477990  44 1 0 2.620196 2.195056 1.543163  45 1 0 2.603972 -1.491593 -1.616933  46 1 0 4.233566 -3.186704 -2.219880  47 1 0 6.408983 -3.347848 -1.014405  48 1 0 6.957882 -1.686881 0.731587  49 1 0 -2.346956 -2.008001 -1.119681  50 1 0 -2.440044 -4.208081 -1.247278  51 1 0 2.422489 3.011635 -0.649435  52 1 0 2.513245 5.216449 -0.631133  53 1 0 -0.843189 -4.935619 -1.582096  54 1 0 -1.493743 -4.992020 0.048065  55 1 0 0.946991 5.950654 -1.072347  56 1 0 1.445483 5.929963 0.610811 |
| TM\_NP\_model\_scan\_m\_140\_p\_30 | 1 6 0 1.434265 0.435195 -0.074392  2 6 0 0.681510 -0.741458 -0.164448  3 6 0 -0.693348 -0.759565 -0.412297  4 6 0 -1.397593 0.461943 -0.534282  5 6 0 -0.653313 1.639146 -0.433221  6 6 0 0.727277 1.657480 -0.220135  7 6 0 -2.883259 0.572924 -0.633924  8 6 0 -3.413007 1.502244 -1.514131  9 6 0 -4.800453 1.708731 -1.644288  10 6 0 -5.676745 1.001999 -0.861683  11 6 0 -5.193874 0.102625 0.121527  12 6 0 -3.780406 -0.096180 0.273431  13 6 0 -3.343261 -0.894896 1.366176  14 6 0 -4.238251 -1.513609 2.205811  15 6 0 -5.628895 -1.370341 2.007280  16 6 0 -6.090673 -0.571432 0.992359  17 6 0 2.824859 0.357422 0.459670  18 6 0 3.785903 -0.602123 -0.029100  19 6 0 5.090609 -0.643375 0.567455  20 6 0 5.438395 0.301175 1.565769  21 6 0 4.544872 1.268767 1.944123  22 6 0 3.254202 1.301771 1.378845  23 6 0 3.538425 -1.480051 -1.120453  24 6 0 4.484155 -2.382290 -1.546385  25 6 0 5.740579 -2.463066 -0.908800  26 6 0 6.035489 -1.603157 0.118529  27 6 0 -1.350206 -2.063749 -0.656491  28 7 0 -0.772414 -3.169842 -0.422642  29 6 0 -1.483970 -4.391550 -0.739326  30 6 0 1.417067 2.965741 -0.296100  31 7 0 0.802562 4.068750 -0.156765  32 6 0 1.556881 5.294807 -0.323114  33 1 0 1.152693 -1.702957 -0.012332  34 1 0 -1.147474 2.599888 -0.502090  35 1 0 -2.740837 2.045373 -2.168192  36 1 0 -5.166425 2.421537 -2.374448  37 1 0 -6.747962 1.139009 -0.964874  38 1 0 -2.284477 -1.001690 1.555818  39 1 0 -3.872042 -2.108552 3.034903  40 1 0 -6.324811 -1.872830 2.669504  41 1 0 -7.156206 -0.424894 0.849104  42 1 0 6.427484 0.254649 2.008974  43 1 0 4.814930 2.005058 2.692554  44 1 0 2.549154 2.033754 1.751962  45 1 0 2.594858 -1.424219 -1.644213  46 1 0 4.264606 -3.032073 -2.386052  47 1 0 6.473539 -3.187520 -1.245346  48 1 0 7.009123 -1.630896 0.596695  49 1 0 -2.360772 -2.023156 -1.081957  50 1 0 -2.483828 -4.224220 -1.166678  51 1 0 2.490824 2.931998 -0.521212  52 1 0 2.622311 5.133702 -0.547593  53 1 0 -0.889723 -4.981235 -1.444684  54 1 0 -1.582977 -4.994991 0.168526  55 1 0 1.111094 5.884777 -1.130414  56 1 0 1.472492 5.896370 0.587473 |
| TM\_NP\_model\_scan\_m\_140\_p\_40 | 1 6 0 1.422895 0.392208 0.006141  2 6 0 0.666009 -0.779179 -0.088247  3 6 0 -0.704030 -0.782641 -0.362367  4 6 0 -1.388151 0.447187 -0.521286  5 6 0 -0.632311 1.617463 -0.427563  6 6 0 0.744403 1.621195 -0.185366  7 6 0 -2.870287 0.574333 -0.653633  8 6 0 -3.370554 1.493374 -1.561409  9 6 0 -4.752383 1.715265 -1.722672  10 6 0 -5.653140 1.034825 -0.944540  11 6 0 -5.201446 0.147432 0.063984  12 6 0 -3.793933 -0.066703 0.247388  13 6 0 -3.389024 -0.852095 1.362021  14 6 0 -4.308346 -1.444640 2.194187  15 6 0 -5.692811 -1.286710 1.965877  16 6 0 -6.123927 -0.499613 0.928520  17 6 0 2.821083 0.311349 0.518182  18 6 0 3.794872 -0.586301 -0.046115  19 6 0 5.104255 -0.645327 0.537184  20 6 0 5.431050 0.213250 1.617082  21 6 0 4.511210 1.111844 2.092428  22 6 0 3.217383 1.164108 1.534759  23 6 0 3.546126 -1.390333 -1.192235  24 6 0 4.505599 -2.236250 -1.695242  25 6 0 5.775163 -2.328090 -1.084438  26 6 0 6.065773 -1.542385 0.002156  27 6 0 -1.374026 -2.080975 -0.601136  28 7 0 -0.818738 -3.190984 -0.333676  29 6 0 -1.539940 -4.407721 -0.647747  30 6 0 1.460336 2.915277 -0.241109  31 7 0 0.854701 4.030121 -0.175976  32 6 0 1.640301 5.240786 -0.304948  33 1 0 1.131661 -1.742859 0.072180  34 1 0 -1.113385 2.582485 -0.523889  35 1 0 -2.678730 2.015802 -2.211865  36 1 0 -5.094464 2.418919 -2.473025  37 1 0 -6.720220 1.183853 -1.071200  38 1 0 -2.335684 -0.970040 1.573944  39 1 0 -3.966259 -2.030232 3.040068  40 1 0 -6.408220 -1.768565 2.622645  41 1 0 -7.184444 -0.342027 0.761621  42 1 0 6.423875 0.154606 2.050448  43 1 0 4.764661 1.777865 2.909406  44 1 0 2.492402 1.844665 1.964923  45 1 0 2.587843 -1.323133 -1.688521  46 1 0 4.287654 -2.833391 -2.573544  47 1 0 6.520241 -3.006131 -1.485067  48 1 0 7.046153 -1.585102 0.465210  49 1 0 -2.373105 -2.033055 -1.052253  50 1 0 -2.526465 -4.233595 -1.102598  51 1 0 2.547883 2.860709 -0.376567  52 1 0 2.717220 5.058893 -0.441259  53 1 0 -0.937084 -5.017478 -1.328267  54 1 0 -1.670076 -4.994267 0.267207  55 1 0 1.269442 5.821059 -1.155958  56 1 0 1.494457 5.861464 0.584784 |
| TM\_NP\_model\_scan\_m\_140\_p\_50 | 1 6 0 1.413198 0.345160 0.102810  2 6 0 0.647622 -0.818022 0.000672  3 6 0 -0.716213 -0.803618 -0.302986  4 6 0 -1.375947 0.435459 -0.496638  5 6 0 -0.605997 1.596122 -0.401002  6 6 0 0.765232 1.581637 -0.125998  7 6 0 -2.852407 0.582218 -0.669389  8 6 0 -3.315176 1.495470 -1.602495  9 6 0 -4.688905 1.735185 -1.802942  10 6 0 -5.619690 1.078842 -1.039581  11 6 0 -5.207639 0.199097 -0.007713  12 6 0 -3.808694 -0.032869 0.215530  13 6 0 -3.444803 -0.809011 1.350637  14 6 0 -4.394188 -1.376395 2.166379  15 6 0 -5.769742 -1.201236 1.899861  16 6 0 -6.161831 -0.422466 0.840985  17 6 0 2.819761 0.249282 0.591209  18 6 0 3.799111 -0.571432 -0.065924  19 6 0 5.117878 -0.658534 0.491084  20 6 0 5.437442 0.087895 1.653573  21 6 0 4.500628 0.901544 2.237460  22 6 0 3.199009 0.984063 1.700458  23 6 0 3.539018 -1.276399 -1.272877  24 6 0 4.505703 -2.049502 -1.869918  25 6 0 5.791668 -2.161737 -1.296891  26 6 0 6.088295 -1.475693 -0.146045  27 6 0 -1.401066 -2.093919 -0.542312  28 7 0 -0.873912 -3.208496 -0.239292  29 6 0 -1.605835 -4.418063 -0.556344  30 6 0 1.506855 2.861058 -0.152997  31 7 0 0.917618 3.986561 -0.165919  32 6 0 1.732675 5.181698 -0.246071  33 1 0 1.103943 -1.785563 0.168003  34 1 0 -1.070634 2.566534 -0.520873  35 1 0 -2.598990 1.998779 -2.241607  36 1 0 -5.000737 2.433136 -2.571582  37 1 0 -6.680772 1.241613 -1.196142  38 1 0 -2.399188 -0.940071 1.591092  39 1 0 -4.083011 -1.955469 3.028526  40 1 0 -6.509200 -1.663385 2.544028  41 1 0 -7.215196 -0.251927 0.644118  42 1 0 6.437473 0.009949 2.066963  43 1 0 4.748322 1.477512 3.121917  44 1 0 2.462837 1.603466 2.199762  45 1 0 2.563831 -1.192511 -1.733524  46 1 0 4.281174 -2.574247 -2.791725  47 1 0 6.543290 -2.780427 -1.774058  48 1 0 7.078538 -1.540430 0.292854  49 1 0 -2.384613 -2.036197 -1.025304  50 1 0 -2.574322 -4.235214 -1.045314  51 1 0 2.600739 2.786113 -0.188277  52 1 0 2.814157 4.980303 -0.278570  53 1 0 -0.992277 -5.049360 -1.206974  54 1 0 -1.775085 -4.986628 0.363569  55 1 0 1.451766 5.748948 -1.139308  56 1 0 1.516237 5.823636 0.613692 |
| TM\_NP\_model\_scan\_m\_140\_p\_60 | 1 6 0 1.400652 0.282538 0.183288  2 6 0 0.622619 -0.868414 0.058803  3 6 0 -0.734689 -0.828485 -0.272658  4 6 0 -1.366565 0.423110 -0.481038  5 6 0 -0.578675 1.570376 -0.371268  6 6 0 0.785856 1.530042 -0.065625  7 6 0 -2.836814 0.596397 -0.682095  8 6 0 -3.265481 1.515704 -1.625335  9 6 0 -4.630684 1.781433 -1.850112  10 6 0 -5.587033 1.145491 -1.101256  11 6 0 -5.210086 0.260634 -0.060357  12 6 0 -3.819972 0.001772 0.187311  13 6 0 -3.490935 -0.778651 1.330138  14 6 0 -4.465126 -1.324274 2.131356  15 6 0 -5.832203 -1.122128 1.841414  16 6 0 -6.190677 -0.339121 0.773764  17 6 0 2.809816 0.161982 0.664022  18 6 0 3.805152 -0.549677 -0.084524  19 6 0 5.126684 -0.670614 0.458801  20 6 0 5.424944 -0.073247 1.709929  21 6 0 4.463750 0.624370 2.395999  22 6 0 3.160233 0.742115 1.868704  23 6 0 3.551491 -1.119613 -1.361812  24 6 0 4.534257 -1.790995 -2.048690  25 6 0 5.828382 -1.928994 -1.499073  26 6 0 6.114951 -1.377047 -0.275580  27 6 0 -1.439204 -2.104854 -0.527611  28 7 0 -0.943027 -3.229268 -0.209047  29 6 0 -1.690553 -4.424452 -0.543401  30 6 0 1.554777 2.792655 -0.050328  31 7 0 0.993268 3.929526 -0.129360  32 6 0 1.837328 5.106864 -0.145671  33 1 0 1.064545 -1.843460 0.223375  34 1 0 -1.023741 2.548687 -0.500835  35 1 0 -2.528523 2.003964 -2.252448  36 1 0 -4.915640 2.483391 -2.625500  37 1 0 -6.641895 1.328782 -1.276144  38 1 0 -2.452395 -0.930508 1.588247  39 1 0 -4.180199 -1.907076 3.000056  40 1 0 -6.591520 -1.567162 2.474435  41 1 0 -7.236955 -0.148138 0.558693  42 1 0 6.427410 -0.174735 2.112246  43 1 0 4.694870 1.081742 3.351378  44 1 0 2.405779 1.275512 2.436005  45 1 0 2.566739 -1.015097 -1.798361  46 1 0 4.316759 -2.215737 -3.022245  47 1 0 6.593420 -2.465055 -2.049352  48 1 0 7.109233 -1.468332 0.149245  49 1 0 -2.408772 -2.027636 -1.035591  50 1 0 -2.643356 -4.223317 -1.055557  51 1 0 2.645591 2.694631 0.013527  52 1 0 2.912572 4.883150 -0.075678  53 1 0 -1.073912 -5.067960 -1.179022  54 1 0 -1.892824 -4.989064 0.372258  55 1 0 1.651956 5.669113 -1.066549  56 1 0 1.556004 5.762999 0.684101 |
| TM\_NP\_model\_scan\_m\_140\_p\_70 | 1 6 0 1.390986 0.203446 0.274164  2 6 0 0.592412 -0.927966 0.117502  3 6 0 -0.757453 -0.851431 -0.239223  4 6 0 -1.354598 0.417641 -0.445185  5 6 0 -0.544055 1.545351 -0.301213  6 6 0 0.812468 1.468056 0.032230  7 6 0 -2.815330 0.627503 -0.679340  8 6 0 -3.199014 1.569213 -1.619817  9 6 0 -4.551803 1.868423 -1.875562  10 6 0 -5.540889 1.243548 -1.160671  11 6 0 -5.210485 0.336727 -0.122845  12 6 0 -3.833237 0.043754 0.156621  13 6 0 -3.550857 -0.758152 1.297103  14 6 0 -4.557112 -1.291694 2.066164  15 6 0 -5.911542 -1.055605 1.744118  16 6 0 -6.225160 -0.251649 0.677902  17 6 0 2.803584 0.040058 0.738532  18 6 0 3.807412 -0.526597 -0.112310  19 6 0 5.134740 -0.700276 0.400631  20 6 0 5.425689 -0.302223 1.730398  21 6 0 4.451271 0.250955 2.521737  22 6 0 3.142002 0.421673 2.021871  23 6 0 3.550252 -0.907042 -1.457382  24 6 0 4.540584 -1.443958 -2.244189  25 6 0 5.844105 -1.628382 -1.730898  26 6 0 6.131538 -1.261992 -0.439579  27 6 0 -1.485658 -2.107176 -0.527245  28 7 0 -1.025701 -3.246563 -0.207526  29 6 0 -1.792126 -4.419737 -0.575205  30 6 0 1.610700 2.709517 0.106610  31 7 0 1.086536 3.860700 -0.011005  32 6 0 1.957861 5.016431 0.050030  33 1 0 1.013211 -1.914766 0.267487  34 1 0 -0.964728 2.535290 -0.423619  35 1 0 -2.435321 2.049513 -2.220548  36 1 0 -4.801223 2.587177 -2.647798  37 1 0 -6.586618 1.452484 -1.359988  38 1 0 -2.522845 -0.936322 1.579500  39 1 0 -4.307614 -1.891393 2.934274  40 1 0 -6.696454 -1.491496 2.351770  41 1 0 -7.261104 -0.034718 0.438759  42 1 0 6.432611 -0.441622 2.109571  43 1 0 4.676869 0.554457 3.537813  44 1 0 2.378831 0.846363 2.664560  45 1 0 2.555959 -0.766313 -1.861553  46 1 0 4.322482 -1.727102 -3.267815  47 1 0 6.615535 -2.055840 -2.361521  48 1 0 7.131875 -1.394435 -0.040479  49 1 0 -2.438801 -2.000786 -1.060417  50 1 0 -2.726787 -4.190373 -1.108531  51 1 0 2.690140 2.582246 0.256833  52 1 0 3.018357 4.765297 0.202662  53 1 0 -1.174594 -5.070026 -1.203016  54 1 0 -2.030598 -4.990105 0.328092  55 1 0 1.859432 5.589916 -0.877264  56 1 0 1.627842 5.673114 0.861242 |
| TM\_NP\_model\_scan\_m\_140\_p\_80 | 1 6 0 1.381381 0.097420 0.351683  2 6 0 0.554922 -1.004279 0.144893  3 6 0 -0.787150 -0.875992 -0.228471  4 6 0 -1.343274 0.416329 -0.401090  5 6 0 -0.504918 1.514992 -0.199849  6 6 0 0.842638 1.386115 0.152707  7 6 0 -2.792083 0.676383 -0.658589  8 6 0 -3.127151 1.661708 -1.572582  9 6 0 -4.464746 2.007024 -1.849190  10 6 0 -5.487478 1.383970 -1.181591  11 6 0 -5.207019 0.431972 -0.169858  12 6 0 -3.845334 0.092065 0.131725  13 6 0 -3.612436 -0.756377 1.249536  14 6 0 -4.651157 -1.289451 1.974462  15 6 0 -5.990544 -1.006261 1.628202  16 6 0 -6.256396 -0.157047 0.584325  17 6 0 2.795368 -0.124699 0.792144  18 6 0 3.809211 -0.499717 -0.146874  19 6 0 5.142005 -0.732713 0.325822  20 6 0 5.425506 -0.584679 1.707765  21 6 0 4.438114 -0.220447 2.587557  22 6 0 3.123075 0.009354 2.125913  23 6 0 3.551850 -0.640390 -1.537434  24 6 0 4.551023 -0.998860 -2.409959  25 6 0 5.862599 -1.235668 -1.940380  26 6 0 6.148244 -1.103850 -0.603991  27 6 0 -1.544804 -2.099541 -0.573195  28 7 0 -1.125574 -3.261684 -0.280270  29 6 0 -1.917232 -4.398843 -0.703636  30 6 0 1.672256 2.598307 0.311448  31 7 0 1.193661 3.768505 0.188334  32 6 0 2.091418 4.893731 0.350576  33 1 0 0.948394 -2.007001 0.258801  34 1 0 -0.896628 2.520218 -0.288792  35 1 0 -2.336299 2.141797 -2.137193  36 1 0 -4.675861 2.759698 -2.600249  37 1 0 -6.522039 1.628227 -1.398294  38 1 0 -2.596723 -0.971512 1.550187  39 1 0 -4.439246 -1.925441 2.826585  40 1 0 -6.801471 -1.442206 2.200634  41 1 0 -7.280024 0.095988 0.328230  42 1 0 6.437037 -0.764489 2.056575  43 1 0 4.658496 -0.110327 3.643366  44 1 0 2.351188 0.288990 2.834295  45 1 0 2.549484 -0.462377 -1.906237  46 1 0 4.333452 -1.101185 -3.467186  47 1 0 6.641307 -1.519939 -2.639159  48 1 0 7.153859 -1.281388 -0.236943  49 1 0 -2.481954 -1.948459 -1.123748  50 1 0 -2.832960 -4.123919 -1.248063  51 1 0 2.733200 2.431363 0.536977  52 1 0 3.130513 4.604835 0.569125  53 1 0 -1.305116 -5.045464 -1.340475  54 1 0 -2.191749 -4.991934 0.174433  55 1 0 2.076134 5.500101 -0.560717  56 1 0 1.723068 5.533332 1.158986 |
| TM\_NP\_model\_scan\_m\_140\_p\_90 | 1 6 0 1.365948 -0.032581 0.360311  2 6 0 0.508781 -1.091478 0.074442  3 6 0 -0.826192 -0.896286 -0.296809  4 6 0 -1.341655 0.421072 -0.381577  5 6 0 -0.471950 1.477481 -0.100718  6 6 0 0.867657 1.282771 0.250528  7 6 0 -2.781305 0.741920 -0.621382  8 6 0 -3.085065 1.796345 -1.466471  9 6 0 -4.411048 2.201511 -1.716444  10 6 0 -5.453059 1.567438 -1.090394  11 6 0 -5.203126 0.539684 -0.147077  12 6 0 -3.852920 0.137320 0.128138  13 6 0 -3.647699 -0.794089 1.183554  14 6 0 -4.703127 -1.344574 1.870338  15 6 0 -6.032696 -0.996047 1.546767  16 6 0 -6.270971 -0.067413 0.565762  17 6 0 2.771162 -0.328793 0.788200  18 6 0 3.823808 -0.459008 -0.173222  19 6 0 5.146909 -0.767936 0.282630  20 6 0 5.381923 -0.937045 1.671395  21 6 0 4.356734 -0.807336 2.573288  22 6 0 3.050930 -0.502771 2.127797  23 6 0 3.611289 -0.291692 -1.568227  24 6 0 4.646288 -0.422721 -2.462666  25 6 0 5.949797 -0.729297 -2.011189  26 6 0 6.190978 -0.897623 -0.670024  27 6 0 -1.618491 -2.068512 -0.730210  28 7 0 -1.238757 -3.260957 -0.515352  29 6 0 -2.062558 -4.339614 -1.022605  30 6 0 1.729828 2.451580 0.519868  31 7 0 1.300591 3.644286 0.438972  32 6 0 2.225436 4.723280 0.720085  33 1 0 0.872087 -2.110857 0.118075  34 1 0 -0.833585 2.497649 -0.117438  35 1 0 -2.279422 2.288825 -1.998553  36 1 0 -4.598113 3.009884 -2.414093  37 1 0 -6.479292 1.858932 -1.287389  38 1 0 -2.639555 -1.061894 1.466704  39 1 0 -4.511715 -2.045294 2.675235  40 1 0 -6.857347 -1.445612 2.088223  41 1 0 -7.285945 0.235091 0.329674  42 1 0 6.386546 -1.171959 2.007143  43 1 0 4.540099 -0.939001 3.633699  44 1 0 2.249763 -0.406039 2.851972  45 1 0 2.614442 -0.061200 -1.923101  46 1 0 4.463168 -0.292526 -3.523366  47 1 0 6.757102 -0.831876 -2.727602  48 1 0 7.189419 -1.133928 -0.316863  49 1 0 -2.545636 -1.850271 -1.275294  50 1 0 -2.961715 -3.997369 -1.556307  51 1 0 2.769483 2.230747 0.793440  52 1 0 3.239668 4.382905 0.977500  53 1 0 -1.464571 -4.962082 -1.695838  54 1 0 -2.367573 -4.980784 -0.189526  55 1 0 2.283161 5.383419 -0.151221  56 1 0 1.833066 5.326420 1.545060 |
| TM\_NP\_model\_scan\_m\_140\_p\_100 | 1 6 0 1.357252 -0.151525 0.370096  2 6 0 0.469289 -1.165300 0.021095  3 6 0 -0.858769 -0.909119 -0.338228  4 6 0 -1.335981 0.424909 -0.341123  5 6 0 -0.438254 1.435828 0.011512  6 6 0 0.894229 1.181644 0.350312  7 6 0 -2.763792 0.802234 -0.568449  8 6 0 -3.029206 1.917453 -1.345867  9 6 0 -4.340537 2.376352 -1.579426  10 6 0 -5.406321 1.733106 -1.004895  11 6 0 -5.195076 0.638847 -0.129335  12 6 0 -3.859592 0.180940 0.130645  13 6 0 -3.691900 -0.823505 1.123883  14 6 0 -4.769760 -1.388931 1.761970  15 6 0 -6.085544 -0.982522 1.449876  16 6 0 -6.287138 0.016168 0.531471  17 6 0 2.759812 -0.514902 0.749718  18 6 0 3.829844 -0.420126 -0.197572  19 6 0 5.151510 -0.797792 0.207308  20 6 0 5.367927 -1.260577 1.530876  21 6 0 4.325175 -1.352181 2.416973  22 6 0 3.020666 -0.979618 2.022147  23 6 0 3.633999 0.026113 -1.532335  24 6 0 4.684727 0.103066 -2.414742  25 6 0 5.988300 -0.263644 -2.011400  26 6 0 6.212718 -0.704474 -0.730564  27 6 0 -1.681220 -2.028169 -0.849193  28 7 0 -1.339625 -3.242424 -0.704051  29 6 0 -2.188853 -4.263376 -1.283600  30 6 0 1.780393 2.305054 0.718113  31 7 0 1.394579 3.514454 0.675546  32 6 0 2.335727 4.545241 1.063510  33 1 0 0.804910 -2.194596 -0.006099  34 1 0 -0.772830 2.463904 0.064871  35 1 0 -2.204782 2.419825 -1.838564  36 1 0 -4.497524 3.233453 -2.224335  37 1 0 -6.421877 2.066232 -1.190874  38 1 0 -2.694807 -1.137811 1.398346  39 1 0 -4.606688 -2.146942 2.519823  40 1 0 -6.928288 -1.444192 1.951848  41 1 0 -7.290667 0.362247 0.306623  42 1 0 6.372120 -1.544183 1.828104  43 1 0 4.493743 -1.710094 3.426370  44 1 0 2.206476 -1.055107 2.734153  45 1 0 2.637181 0.301959 -1.852995  46 1 0 4.513519 0.444149 -3.429579  47 1 0 6.808423 -0.198816 -2.717583  48 1 0 7.210453 -0.992180 -0.415536  49 1 0 -2.595086 -1.748279 -1.388368  50 1 0 -3.070046 -3.863250 -1.807000  51 1 0 2.796090 2.036039 1.035183  52 1 0 3.322462 4.157181 1.357470  53 1 0 -1.600883 -4.863828 -1.985058  54 1 0 -2.524344 -4.942297 -0.493222  55 1 0 2.463303 5.246531 0.232750  56 1 0 1.916716 5.118673 1.896550 |
| TM\_NP\_model\_scan\_m\_140\_p\_110 | 1 6 0 -1.346463 -0.266594 -0.323537  2 6 0 -0.427867 -1.234307 0.075872  3 6 0 0.896044 -0.923798 0.406494  4 6 0 1.336959 0.420202 0.332080  5 6 0 0.410910 1.384410 -0.075025  6 6 0 -0.915313 1.076679 -0.391411  7 6 0 2.754345 0.850015 0.528739  8 6 0 2.989912 2.014491 1.240983  9 6 0 4.287934 2.524796 1.439556  10 6 0 5.369577 1.883205 0.893435  11 6 0 5.186780 0.736510 0.080881  12 6 0 3.864546 0.224201 -0.142826  13 6 0 3.721761 -0.837993 -1.078132  14 6 0 4.812594 -1.404142 -1.693120  15 6 0 6.117051 -0.940845 -1.414630  16 6 0 6.293425 0.112394 -0.553758  17 6 0 -2.741829 -0.689761 -0.658912  18 6 0 -3.844823 -0.384443 0.204340  19 6 0 -5.158374 -0.821311 -0.166923  20 6 0 -5.334860 -1.557348 -1.366706  21 6 0 -4.260647 -1.858070 -2.164500  22 6 0 -2.965246 -1.424249 -1.806050  23 6 0 -3.691213 0.321600 1.428035  24 6 0 -4.773738 0.598908 2.228009  25 6 0 -6.070021 0.182402 1.850809  26 6 0 -6.253701 -0.514010 0.682072  27 6 0 1.752720 -1.991242 0.968983  28 7 0 1.444992 -3.220414 0.888319  29 6 0 2.326937 -4.186614 1.511145  30 6 0 -1.820550 2.152394 -0.846904  31 7 0 -1.479605 3.375778 -0.831561  32 6 0 -2.431483 4.355249 -1.314792  33 1 0 -0.737155 -2.267785 0.170554  34 1 0 0.719853 2.414819 -0.194985  35 1 0 2.152998 2.518863 1.710104  36 1 0 4.422329 3.420550 2.035157  37 1 0 6.375558 2.256509 1.053286  38 1 0 2.733118 -1.197023 -1.327110  39 1 0 4.668408 -2.207249 -2.407080  40 1 0 6.970448 -1.403113 -1.897705  41 1 0 7.287145 0.500902 -0.356376  42 1 0 -6.333522 -1.883030 -1.638256  43 1 0 -4.397950 -2.426489 -3.077401  44 1 0 -2.127132 -1.660640 -2.451906  45 1 0 -2.701466 0.637791 1.732237  46 1 0 -4.632791 1.137419 3.158415  47 1 0 -6.915878 0.408474 2.490240  48 1 0 -7.244774 -0.845907 0.390332  49 1 0 2.661653 -1.658263 1.485932  50 1 0 3.200655 -3.736265 2.005470  51 1 0 -2.806686 1.834768 -1.208261  52 1 0 -3.384190 3.919621 -1.651177  53 1 0 1.761633 -4.766966 2.247305  54 1 0 2.675233 -4.895195 0.752962  55 1 0 -2.634064 5.081279 -0.520998  56 1 0 -1.983346 4.913014 -2.143289 |
| TM\_NP\_model\_scan\_m\_140\_p\_120 | 1 6 0 -1.340237 -0.319716 -0.314276  2 6 0 -0.405247 -1.265411 0.103142  3 6 0 0.914707 -0.930904 0.423834  4 6 0 1.336457 0.417451 0.324837  5 6 0 0.395690 1.360239 -0.098848  6 6 0 -0.926338 1.028489 -0.407616  7 6 0 2.747541 0.871127 0.511122  8 6 0 2.967430 2.051405 1.202100  9 6 0 4.258371 2.583484 1.389360  10 6 0 5.348325 1.947331 0.853394  11 6 0 5.180877 0.783343 0.062435  12 6 0 3.865771 0.248421 -0.149947  13 6 0 3.737018 -0.833355 -1.064607  14 6 0 4.835130 -1.395943 -1.669836  15 6 0 6.133195 -0.909068 -1.401923  16 6 0 6.295576 0.162848 -0.561599  17 6 0 -2.734545 -0.772520 -0.604356  18 6 0 -3.852391 -0.346762 0.188750  19 6 0 -5.159324 -0.839720 -0.134310  20 6 0 -5.316104 -1.753933 -1.207334  21 6 0 -4.227172 -2.180285 -1.923652  22 6 0 -2.939159 -1.693389 -1.613943  23 6 0 -3.721394 0.517968 1.309360  24 6 0 -4.817375 0.898733 2.045995  25 6 0 -6.107761 0.435507 1.705592  26 6 0 -6.270032 -0.417306 0.642468  27 6 0 1.786002 -1.975365 1.006829  28 7 0 1.493636 -3.209752 0.953104  29 6 0 2.388650 -4.150980 1.595317  30 6 0 -1.833920 2.080963 -0.912114  31 7 0 -1.525019 3.312410 -0.881540  32 6 0 -2.469906 4.266348 -1.426007  33 1 0 -0.701349 -2.299585 0.226817  34 1 0 0.691027 2.391611 -0.242017  35 1 0 2.123902 2.552317 1.662998  36 1 0 4.380899 3.491711 1.968395  37 1 0 6.349133 2.337602 1.004990  38 1 0 2.753261 -1.210806 -1.305529  39 1 0 4.701623 -2.214676 -2.367947  40 1 0 6.992534 -1.368577 -1.877036  41 1 0 7.283960 0.568848 -0.372831  42 1 0 -6.310586 -2.117901 -1.443128  43 1 0 -4.347437 -2.889075 -2.735118  44 1 0 -2.089999 -2.029893 -2.197959  45 1 0 -2.738212 0.871790 1.591208  46 1 0 -4.690787 1.555022 2.899691  47 1 0 -6.964642 0.746733 2.292414  48 1 0 -7.255190 -0.791047 0.383230  49 1 0 2.691432 -1.620136 1.515027  50 1 0 3.257517 -3.678848 2.077661  51 1 0 -2.788819 1.737853 -1.329711  52 1 0 -3.389099 3.806033 -1.818073  53 1 0 1.831971 -4.721761 2.345407  54 1 0 2.744382 -4.871885 0.852363  55 1 0 -2.738727 4.988891 -0.648927  56 1 0 -1.986112 4.833164 -2.227884 |
| TM\_NP\_model\_scan\_m\_140\_p\_130 | 1 6 0 -1.335774 -0.364849 -0.308868  2 6 0 -0.385359 -1.295248 0.113229  3 6 0 0.931528 -0.944856 0.426414  4 6 0 1.336321 0.408414 0.325625  5 6 0 0.382624 1.337064 -0.100044  6 6 0 -0.935216 0.988274 -0.407322  7 6 0 2.741106 0.881236 0.509506  8 6 0 2.945633 2.065246 1.198890  9 6 0 4.229452 2.614891 1.384218  10 6 0 5.327370 1.992878 0.847824  11 6 0 5.174900 0.825819 0.058367  12 6 0 3.866966 0.272800 -0.151849  13 6 0 3.751793 -0.811744 -1.065029  14 6 0 4.856745 -1.360065 -1.670928  15 6 0 6.148362 -0.855148 -1.405264  16 6 0 6.297183 0.219816 -0.566314  17 6 0 -2.730853 -0.838379 -0.552133  18 6 0 -3.860736 -0.317788 0.168478  19 6 0 -5.163360 -0.851599 -0.107151  20 6 0 -5.305449 -1.907030 -1.043269  21 6 0 -4.204646 -2.435740 -1.666997  22 6 0 -2.923240 -1.906165 -1.410395  23 6 0 -3.749845 0.669987 1.185506  24 6 0 -4.857851 1.137441 1.850749  25 6 0 -6.144206 0.643347 1.540962  26 6 0 -6.287810 -0.333439 0.588017  27 6 0 1.816716 -1.978012 1.008971  28 7 0 1.539655 -3.215960 0.956333  29 6 0 2.447607 -4.145648 1.597310  30 6 0 -1.839535 2.026107 -0.948706  31 7 0 -1.557736 3.263183 -0.896996  32 6 0 -2.491178 4.200494 -1.488343  33 1 0 -0.668990 -2.330681 0.252785  34 1 0 0.665438 2.370870 -0.250353  35 1 0 2.095751 2.555213 1.659888  36 1 0 4.340341 3.525310 1.962152  37 1 0 6.322964 2.396812 0.997968  38 1 0 2.772951 -1.202726 -1.304451  39 1 0 4.733587 -2.181326 -2.367971  40 1 0 7.013286 -1.303378 -1.881016  41 1 0 7.280184 0.639445 -0.379251  42 1 0 -6.297098 -2.299279 -1.242756  43 1 0 -4.311094 -3.257104 -2.366480  44 1 0 -2.067265 -2.321107 -1.930327  45 1 0 -2.772427 1.050006 1.450596  46 1 0 -4.742687 1.886174 2.626439  47 1 0 -7.011131 1.025639 2.067915  48 1 0 -7.268259 -0.737758 0.358556  49 1 0 2.718716 -1.611334 1.515099  50 1 0 3.312017 -3.662472 2.076651  51 1 0 -2.763808 1.665735 -1.417467  52 1 0 -3.378725 3.723689 -1.930331  53 1 0 1.899872 -4.722068 2.349663  54 1 0 2.809962 -4.863173 0.854284  55 1 0 -2.815688 4.914014 -0.724311  56 1 0 -1.976826 4.780321 -2.261379 |
| TM\_NP\_model\_scan\_m\_140\_p\_140 | 1 6 0 1.334463 -0.396173 0.325055  2 6 0 0.371715 -1.319311 -0.091148  3 6 0 -0.942154 -0.961970 -0.405444  4 6 0 -1.334437 0.396205 -0.325071  5 6 0 -0.371708 1.319342 0.091160  6 6 0 0.942158 0.962006 0.405442  7 6 0 -2.733302 0.880969 -0.519392  8 6 0 -2.923336 2.057312 -1.225913  9 6 0 -4.200951 2.616848 -1.423909  10 6 0 -5.307057 2.012928 -0.883593  11 6 0 -5.169210 0.855465 -0.077471  12 6 0 -3.867613 0.292760 0.145736  13 6 0 -3.766462 -0.779883 1.074521  14 6 0 -4.879105 -1.308984 1.683470  15 6 0 -6.164699 -0.795463 1.405382  16 6 0 -6.299799 0.269037 0.550887  17 6 0 2.733321 -0.880965 0.519358  18 6 0 3.867628 -0.292751 -0.145735  19 6 0 5.169206 -0.855565 0.077359  20 6 0 5.307023 -2.013109 0.883359  21 6 0 4.200911 -2.616981 1.423729  22 6 0 2.923333 -2.057345 1.225844  23 6 0 3.766530 0.780026 -1.074366  24 6 0 4.879189 1.309132 -1.683280  25 6 0 6.164763 0.795484 -1.405321  26 6 0 6.299814 -0.269147 -0.550982  27 6 0 -1.835837 -1.995439 -0.974794  28 7 0 -1.570376 -3.234944 -0.902907  29 6 0 -2.485603 -4.165934 -1.531667  30 6 0 1.835805 1.995470 0.974864  31 7 0 1.570356 3.234978 0.902938  32 6 0 2.485494 4.165975 1.531801  33 1 0 0.644878 -2.356905 -0.232637  34 1 0 -0.644889 2.356929 0.232670  35 1 0 -2.066825 2.532388 -1.690235  36 1 0 -4.300687 3.520214 -2.014797  37 1 0 -6.298043 2.424365 -1.043534  38 1 0 -2.792402 -1.176810 1.323627  39 1 0 -4.766701 -2.121427 2.392562  40 1 0 -7.035810 -1.228600 1.883814  41 1 0 -7.277939 0.695451 0.353953  42 1 0 6.297995 -2.424630 1.043175  43 1 0 4.300620 -3.520383 2.014568  44 1 0 2.066806 -2.532353 1.690207  45 1 0 2.792493 1.177062 -1.323409  46 1 0 4.766799 2.121696 -2.392237  47 1 0 7.035891 1.228646 -1.883697  48 1 0 7.277925 -0.695681 -0.354162  49 1 0 -2.733601 -1.628101 -1.487823  50 1 0 -3.345847 -3.682337 -2.017972  51 1 0 2.733531 1.628134 1.487963  52 1 0 3.345702 3.682392 2.018186  53 1 0 -1.942256 -4.756877 -2.275888  54 1 0 -2.854066 -4.870312 -0.779142  55 1 0 2.854023 4.870379 0.779330  56 1 0 1.942070 4.756901 2.275982 |
| TM\_NP\_model\_scan\_m\_140\_p\_150 | 1 6 0 -1.334998 0.421192 0.358684  2 6 0 -0.360865 1.341192 -0.045190  3 6 0 0.949360 0.981445 -0.368324  4 6 0 1.331609 -0.381023 -0.322233  5 6 0 0.361469 -1.303254 0.076484  6 6 0 -0.948341 -0.942090 0.402804  7 6 0 2.724543 -0.873473 -0.535020  8 6 0 2.900277 -2.034627 -1.269918  9 6 0 4.171902 -2.599872 -1.488790  10 6 0 5.286426 -2.017154 -0.942420  11 6 0 5.163405 -0.877031 -0.109622  12 6 0 3.867941 -0.309329 0.135287  13 6 0 3.781603 0.743065 1.088487  14 6 0 4.902649 1.249843 1.701025  15 6 0 6.182190 0.732757 1.402310  16 6 0 6.302956 -0.313507 0.523481  17 6 0 -2.739337 0.911725 0.502785  18 6 0 -3.873079 0.271506 -0.121708  19 6 0 -5.176549 0.850577 0.050258  20 6 0 -5.317676 2.081519 0.736954  21 6 0 -4.210372 2.744067 1.199859  22 6 0 -2.934343 2.166421 1.061111  23 6 0 -3.774024 -0.858834 -0.980117  24 6 0 -4.886145 -1.433240 -1.547812  25 6 0 -6.173858 -0.912043 -1.297330  26 6 0 -6.308125 0.212769 -0.524577  27 6 0 1.847675 2.020707 -0.920172  28 7 0 1.590283 3.260174 -0.823136  29 6 0 2.508660 4.197610 -1.437698  30 6 0 -1.827404 -1.978044 0.993478  31 7 0 -1.568062 -3.217831 0.908572  32 6 0 -2.462432 -4.148233 1.567507  33 1 0 -0.622238 2.382230 -0.179458  34 1 0 0.625657 -2.345594 0.198633  35 1 0 2.036888 -2.491901 -1.739348  36 1 0 4.260480 -3.490409 -2.100561  37 1 0 6.272931 -2.432825 -1.118316  38 1 0 2.812478 1.141899 1.353471  39 1 0 4.801667 2.047119 2.428809  40 1 0 7.060010 1.148447 1.883938  41 1 0 7.276296 -0.742992 0.310133  42 1 0 -6.309808 2.503101 0.858407  43 1 0 -4.307881 3.707443 1.687167  44 1 0 -2.083075 2.689459 1.480397  45 1 0 -2.801173 -1.263680 -1.217235  46 1 0 -4.770011 -2.287389 -2.205403  47 1 0 -7.045095 -1.383029 -1.738236  48 1 0 -7.286016 0.652598 -0.358366  49 1 0 2.741315 1.657981 -1.443455  50 1 0 3.365687 3.718393 -1.933897  51 1 0 -2.705148 -1.610133 1.539846  52 1 0 -3.302602 -3.663592 2.086755  53 1 0 1.966656 4.803438 -2.170868  54 1 0 2.881824 4.887449 -0.674144  55 1 0 -2.860953 -4.848819 0.826825  56 1 0 -1.894149 -4.743449 2.289357 |
| TM\_NP\_model\_scan\_m\_140\_p\_160 | 1 6 0 -1.337106 0.447172 0.383858  2 6 0 -0.348984 1.364048 -0.000780  3 6 0 0.958547 1.003698 -0.330761  4 6 0 1.330373 -0.362096 -0.325803  5 6 0 0.351804 -1.283786 0.050380  6 6 0 -0.954081 -0.920150 0.389096  7 6 0 2.717330 -0.861438 -0.557060  8 6 0 2.879251 -2.002558 -1.325788  9 6 0 4.144730 -2.572643 -1.566388  10 6 0 5.266830 -2.015509 -1.008876  11 6 0 5.157760 -0.898568 -0.143319  12 6 0 3.868592 -0.326618 0.123687  13 6 0 3.795705 0.698903 1.106863  14 6 0 4.923898 1.177692 1.728779  15 6 0 6.197424 0.657996 1.409530  16 6 0 6.305058 -0.363554 0.500408  17 6 0 -2.745958 0.945000 0.477586  18 6 0 -3.881866 0.255923 -0.098276  19 6 0 -5.188315 0.841007 0.035275  20 6 0 -5.331516 2.131846 0.599266  21 6 0 -4.221212 2.845753 0.967665  22 6 0 -2.945795 2.258903 0.880958  23 6 0 -3.787141 -0.921246 -0.892290  24 6 0 -4.900746 -1.539576 -1.409112  25 6 0 -6.190719 -1.020461 -1.168634  26 6 0 -6.322836 0.153835 -0.473662  27 6 0 1.863374 2.051711 -0.855498  28 7 0 1.612826 3.289797 -0.727891  29 6 0 2.536744 4.237260 -1.318346  30 6 0 -1.815798 -1.961725 0.999361  31 7 0 -1.559005 -3.200960 0.902323  32 6 0 -2.429735 -4.133610 1.589092  33 1 0 -0.595001 2.409428 -0.122949  34 1 0 0.606271 -2.330896 0.150184  35 1 0 2.009657 -2.438363 -1.804114  36 1 0 4.222678 -3.446167 -2.203600  37 1 0 6.248770 -2.434727 -1.201134  38 1 0 2.831337 1.098641 1.387515  39 1 0 4.833282 1.954468 2.479733  40 1 0 7.080986 1.051766 1.899008  41 1 0 7.273566 -0.795374 0.270438  42 1 0 -6.324983 2.557491 0.691671  43 1 0 -4.315196 3.857302 1.345721  44 1 0 -2.100962 2.828841 1.247506  45 1 0 -2.815683 -1.326101 -1.131212  46 1 0 -4.782565 -2.426649 -2.021181  47 1 0 -7.063655 -1.527947 -1.563155  48 1 0 -7.301096 0.599809 -0.327154  49 1 0 2.755615 1.697292 -1.386617  50 1 0 3.393288 3.765978 -1.822893  51 1 0 -2.674051 -1.595975 1.577337  52 1 0 -3.250389 -3.650587 2.140102  53 1 0 1.999320 4.861581 -2.039281  54 1 0 2.910422 4.908178 -0.538391  55 1 0 -2.855458 -4.830869 0.860450  56 1 0 -1.836576 -4.732231 2.287726 |
| TM\_NP\_model\_scan\_m\_150\_m\_0 | 1 6 0 1.464834 0.556973 0.052861  2 6 0 0.717951 -0.575745 -0.317579  3 6 0 -0.662226 -0.588543 -0.530964  4 6 0 -1.395177 0.618570 -0.468800  5 6 0 -0.658436 1.768110 -0.164457  6 6 0 0.717285 1.774507 0.065092  7 6 0 -2.882969 0.723746 -0.508981  8 6 0 -3.438631 1.869286 -1.060367  9 6 0 -4.828026 2.086940 -1.111750  10 6 0 -5.687734 1.167352 -0.568323  11 6 0 -5.181596 0.032084 0.111024  12 6 0 -3.763197 -0.180250 0.193165  13 6 0 -3.312284 -1.228899 1.042354  14 6 0 -4.193378 -2.064601 1.686251  15 6 0 -5.586664 -1.904366 1.526233  16 6 0 -6.064112 -0.869219 0.764029  17 6 0 2.950135 0.490010 -0.128598  18 6 0 3.715709 -0.715086 0.154100  19 6 0 5.128112 -0.719017 -0.111353  20 6 0 5.783818 0.482310 -0.478624  21 6 0 5.079021 1.653634 -0.533989  22 6 0 3.684938 1.651627 -0.330539  23 6 0 3.186697 -1.885874 0.767415  24 6 0 3.953556 -3.008151 0.979544  25 6 0 5.309108 -3.039554 0.595094  26 6 0 5.882644 -1.906699 0.077528  27 6 0 -1.264933 -1.835213 -1.057965  28 7 0 -0.683811 -2.960005 -0.965711  29 6 0 -1.325971 -4.112333 -1.565683  30 6 0 1.267467 3.047215 0.596012  31 7 0 0.787763 4.181519 0.286554  32 6 0 1.329860 5.353399 0.945883  33 1 0 1.217965 -1.503009 -0.546145  34 1 0 -1.167554 2.713156 -0.034977  35 1 0 -2.786144 2.587448 -1.542597  36 1 0 -5.209000 2.978687 -1.596184  37 1 0 -6.761724 1.310493 -0.621566  38 1 0 -2.253480 -1.360964 1.209567  39 1 0 -3.812722 -2.846575 2.333633  40 1 0 -6.271479 -2.579214 2.027108  41 1 0 -7.132173 -0.705081 0.665992  42 1 0 6.850771 0.461147 -0.673072  43 1 0 5.576944 2.588906 -0.762879  44 1 0 3.168428 2.582553 -0.510746  45 1 0 2.166106 -1.895988 1.117024  46 1 0 3.508674 -3.872438 1.459576  47 1 0 5.897891 -3.937536 0.743781  48 1 0 6.939223 -1.887083 -0.168629  49 1 0 -2.233699 -1.726748 -1.562358  50 1 0 -2.289303 -3.883492 -2.045227  51 1 0 2.079544 2.948804 1.329575  52 1 0 2.139736 5.128284 1.656634  53 1 0 -0.653885 -4.550924 -2.310074  54 1 0 -1.485250 -4.875611 -0.797466  55 1 0 1.703016 6.052488 0.190890  56 1 0 0.525643 5.868814 1.480558 |
| TM\_NP\_model\_scan\_m\_150\_m\_10 | 1 6 0 1.462358 0.528603 -0.033055  2 6 0 0.704646 -0.592625 -0.408269  3 6 0 -0.678844 -0.582254 -0.597008  4 6 0 -1.396217 0.632014 -0.480734  5 6 0 -0.645010 1.765895 -0.154115  6 6 0 0.736278 1.752283 0.043478  7 6 0 -2.884167 0.750620 -0.484283  8 6 0 -3.441816 1.917108 -0.987327  9 6 0 -4.829997 2.148248 -0.999474  10 6 0 -5.685377 1.220214 -0.463798  11 6 0 -5.174079 0.061114 0.169934  12 6 0 -3.756161 -0.165718 0.212239  13 6 0 -3.295275 -1.241741 1.020864  14 6 0 -4.168680 -2.087512 1.662062  15 6 0 -5.563788 -1.911017 1.539467  16 6 0 -6.049355 -0.850878 0.817819  17 6 0 2.945270 0.453945 -0.201725  18 6 0 3.707957 -0.723050 0.169843  19 6 0 5.124868 -0.736193 -0.065403  20 6 0 5.775613 0.433960 -0.530126  21 6 0 5.061474 1.586375 -0.719930  22 6 0 3.665317 1.594071 -0.531402  23 6 0 3.159247 -1.857493 0.830940  24 6 0 3.924188 -2.958270 1.138699  25 6 0 5.294574 -2.999287 0.809124  26 6 0 5.879705 -1.900997 0.232843  27 6 0 -1.308953 -1.804842 -1.147907  28 7 0 -0.739258 -2.938427 -1.106027  29 6 0 -1.410722 -4.063109 -1.726113  30 6 0 1.332398 2.999385 0.581830  31 7 0 0.833320 4.145631 0.358229  32 6 0 1.436316 5.290452 1.011836  33 1 0 1.197522 -1.521213 -0.653229  34 1 0 -1.143326 2.709987 0.018224  35 1 0 -2.794072 2.643889 -1.462990  36 1 0 -5.213768 3.057434 -1.447975  37 1 0 -6.758947 1.374029 -0.487708  38 1 0 -2.234102 -1.387306 1.159411  39 1 0 -3.780241 -2.890428 2.278453  40 1 0 -6.242899 -2.593778 2.037381  41 1 0 -7.117862 -0.674946 0.749594  42 1 0 6.846307 0.406351 -0.702169  43 1 0 5.556248 2.496246 -1.040043  44 1 0 3.134596 2.497125 -0.798219  45 1 0 2.122469 -1.853242 1.131545  46 1 0 3.467549 -3.798210 1.649929  47 1 0 5.883427 -3.880074 1.038703  48 1 0 6.942933 -1.893276 0.016491  49 1 0 -2.288263 -1.669696 -1.624751  50 1 0 -2.382954 -3.807254 -2.172969  51 1 0 2.205454 2.871230 1.235861  52 1 0 2.303311 5.037045 1.640891  53 1 0 -0.763245 -4.485061 -2.501318  54 1 0 -1.560013 -4.849157 -0.979160  55 1 0 1.746873 6.016765 0.254130  56 1 0 0.683949 5.787302 1.632662 |
| TM\_NP\_model\_scan\_m\_150\_m\_20 | 1 6 0 1.459715 0.502258 -0.116293  2 6 0 0.690436 -0.606600 -0.496004  3 6 0 -0.695807 -0.573413 -0.659766  4 6 0 -1.396216 0.645996 -0.489855  5 6 0 -0.629346 1.762978 -0.142334  6 6 0 0.756474 1.729694 0.023327  7 6 0 -2.883324 0.777984 -0.457160  8 6 0 -3.440690 1.964365 -0.911389  9 6 0 -4.826465 2.208778 -0.884355  10 6 0 -5.678688 1.272983 -0.357400  11 6 0 -5.164591 0.090689 0.229518  12 6 0 -3.748380 -0.150290 0.232285  13 6 0 -3.279829 -1.253558 0.998686  14 6 0 -4.146515 -2.109538 1.635405  15 6 0 -5.542264 -1.916930 1.550062  16 6 0 -6.033737 -0.831929 0.870581  17 6 0 2.941993 0.417413 -0.262865  18 6 0 3.696750 -0.730723 0.189449  19 6 0 5.116494 -0.756496 -0.022099  20 6 0 5.767479 0.373181 -0.578282  21 6 0 5.051089 1.499004 -0.887550  22 6 0 3.653363 1.520855 -0.710453  23 6 0 3.127584 -1.824640 0.898600  24 6 0 3.886038 -2.900867 1.295007  25 6 0 5.266918 -2.952810 1.011030  26 6 0 5.865836 -1.894545 0.376414  27 6 0 -1.353348 -1.770901 -1.233322  28 7 0 -0.795444 -2.911024 -1.244313  29 6 0 -1.496041 -4.007042 -1.883169  30 6 0 1.396812 2.953796 0.560016  31 7 0 0.887907 4.108090 0.411599  32 6 0 1.547378 5.230235 1.049582  33 1 0 1.174586 -1.536976 -0.756334  34 1 0 -1.115412 2.705234 0.070710  35 1 0 -2.796834 2.699263 -1.379803  36 1 0 -5.211177 3.134744 -1.296254  37 1 0 -6.750941 1.437395 -0.351998  38 1 0 -2.217238 -1.412414 1.108563  39 1 0 -3.751976 -2.933402 2.219439  40 1 0 -6.216519 -2.607650 2.043580  41 1 0 -7.101769 -0.644451 0.831976  42 1 0 6.840588 0.336634 -0.732963  43 1 0 5.547411 2.374743 -1.289981  44 1 0 3.114589 2.396005 -1.048744  45 1 0 2.079097 -1.805400 1.157356  46 1 0 3.417560 -3.713123 1.839223  47 1 0 5.851683 -3.813485 1.315316  48 1 0 6.933770 -1.900612 0.184554  49 1 0 -2.342985 -1.610189 -1.679941  50 1 0 -2.476710 -3.725839 -2.295000  51 1 0 2.318331 2.802727 1.137486  52 1 0 2.460016 4.954668 1.599656  53 1 0 -0.874206 -4.409626 -2.689071  54 1 0 -1.634635 -4.816147 -1.159131  55 1 0 1.801382 5.978091 0.291723  56 1 0 0.849445 5.710784 1.742638 |
| TM\_NP\_model\_scan\_m\_150\_m\_30 | 1 6 0 -1.457884 0.478418 0.196496  2 6 0 -0.676250 -0.617737 0.579217  3 6 0 0.712295 -0.562963 0.717323  4 6 0 1.394716 0.659607 0.495870  5 6 0 0.611478 1.759028 0.129529  6 6 0 -0.777927 1.707220 -0.003535  7 6 0 2.880062 0.804622 0.428765  8 6 0 3.434543 2.009501 0.835271  9 6 0 4.816836 2.266664 0.771405  10 6 0 5.667677 1.323801 0.255027  11 6 0 5.153727 0.119429 -0.285256  12 6 0 3.740268 -0.134979 -0.251297  13 6 0 3.267362 -1.264845 -0.975183  14 6 0 4.129275 -2.131004 -1.604479  15 6 0 5.524509 -1.922861 -1.553682  16 6 0 6.018794 -0.813660 -0.916684  17 6 0 -2.940016 0.379831 0.321744  18 6 0 -3.683725 -0.734799 -0.212299  19 6 0 -5.104474 -0.779674 -0.015375  20 6 0 -5.758714 0.295898 0.636535  21 6 0 -5.045008 1.387048 1.058876  22 6 0 -3.646746 1.429324 0.887001  23 6 0 -3.095144 -1.777513 -0.979483  24 6 0 -3.844180 -2.823882 -1.463127  25 6 0 -5.231498 -2.892078 -1.212779  26 6 0 -5.844628 -1.884694 -0.511790  27 6 0 1.396412 -1.735309 1.311376  28 7 0 0.851366 -2.880030 1.372434  29 6 0 1.579039 -3.947844 2.028394  30 6 0 -1.459866 2.910456 -0.533058  31 7 0 -0.944313 4.069172 -0.459920  32 6 0 -1.656072 5.171022 -1.076455  33 1 0 -1.150261 -1.550047 0.854771  34 1 0 1.084256 2.698620 -0.122043  35 1 0 2.793094 2.751883 1.295095  36 1 0 5.200294 3.208470 1.146983  37 1 0 6.737820 1.498449 0.222150  38 1 0 2.204395 -1.436696 -1.058232  39 1 0 3.731131 -2.975360 -2.155891  40 1 0 6.195457 -2.621556 -2.040433  41 1 0 7.085474 -0.615112 -0.905574  42 1 0 -6.832803 0.245601 0.780437  43 1 0 -5.545341 2.217974 1.543110  44 1 0 -3.103499 2.273796 1.292160  45 1 0 -2.038944 -1.739764 -1.205382  46 1 0 -3.364773 -3.600192 -2.048734  47 1 0 -5.809416 -3.728115 -1.590123  48 1 0 -6.915283 -1.908637 -0.337220  49 1 0 2.394473 -1.550437 1.728938  50 1 0 2.565684 -3.643581 2.408286  51 1 0 -2.423802 2.741550 -1.030024  52 1 0 -2.608425 4.878074 -1.543961  53 1 0 0.980517 -4.331514 2.860754  54 1 0 1.709986 -4.777791 1.326867  55 1 0 -1.851858 5.940713 -0.323178  56 1 0 -1.016708 5.631529 -1.836420 |
| TM\_NP\_model\_scan\_m\_150\_m\_40 | 1 6 0 -1.457249 0.458955 0.279042  2 6 0 -0.663197 -0.624457 0.664901  3 6 0 0.727237 -0.550793 0.775698  4 6 0 1.391955 0.672638 0.505422  5 6 0 0.592660 1.754684 0.122723  6 6 0 -0.799281 1.686138 0.021522  7 6 0 2.874750 0.828982 0.403934  8 6 0 3.425503 2.049995 0.764654  9 6 0 4.803457 2.318726 0.663997  10 6 0 5.652840 1.370080 0.156052  11 6 0 5.139818 0.146220 -0.339548  12 6 0 3.730001 -0.120551 -0.268562  13 6 0 3.253564 -1.274422 -0.951192  14 6 0 4.110718 -2.149241 -1.574960  15 6 0 5.504544 -1.926564 -1.559442  16 6 0 6.000805 -0.795675 -0.963449  17 6 0 -2.939824 0.342708 0.381705  18 6 0 -3.667602 -0.733032 -0.237856  19 6 0 -5.088289 -0.806360 -0.052577  20 6 0 -5.751265 0.199379 0.695434  21 6 0 -5.046445 1.248473 1.226853  22 6 0 -3.648334 1.319869 1.060150  23 6 0 -3.057477 -1.711726 -1.069373  24 6 0 -3.792091 -2.723272 -1.640531  25 6 0 -5.183211 -2.816048 -1.417478  26 6 0 -5.813661 -1.872555 -0.646003  27 6 0 1.436969 -1.699720 1.385170  28 7 0 0.905499 -2.847622 1.490063  29 6 0 1.659065 -3.890090 2.157271  30 6 0 -1.519010 2.870439 -0.497743  31 7 0 -0.999213 4.029632 -0.503532  32 6 0 -1.759410 5.113968 -1.092161  33 1 0 -1.126612 -1.558131 0.956007  34 1 0 1.051852 2.690767 -0.164842  35 1 0 2.786382 2.798824 1.217212  36 1 0 5.184949 3.274455 1.004804  37 1 0 6.720213 1.554002 0.095424  38 1 0 2.190935 -1.458859 -1.006743  39 1 0 3.709565 -3.012080 -2.094663  40 1 0 6.172193 -2.631936 -2.041070  41 1 0 7.065452 -0.586828 -0.980231  42 1 0 -6.825415 0.128672 0.830327  43 1 0 -5.554714 2.022612 1.790465  44 1 0 -3.107189 2.131491 1.531637  45 1 0 -1.996107 -1.650752 -1.267077  46 1 0 -3.299675 -3.453242 -2.273075  47 1 0 -5.750106 -3.623361 -1.867211  48 1 0 -6.885709 -1.920459 -0.485382  49 1 0 2.442162 -1.493320 1.774590  50 1 0 2.649933 -3.565593 2.508306  51 1 0 -2.520268 2.688302 -0.907926  52 1 0 -2.745942 4.809023 -1.472980  53 1 0 1.082546 -4.258808 3.011627  54 1 0 1.784686 -4.736300 1.474420  55 1 0 -1.894865 5.904903 -0.347631  56 1 0 -1.183500 5.552049 -1.913630 |
| TM\_NP\_model\_scan\_m\_150\_m\_50 | 1 6 0 -1.457440 0.437168 0.369802  2 6 0 -0.647093 -0.630670 0.759035  3 6 0 0.744442 -0.536278 0.840522  4 6 0 1.387905 0.686936 0.519705  5 6 0 0.569007 1.750494 0.127406  6 6 0 -0.824640 1.663692 0.062354  7 6 0 2.866520 0.854622 0.377264  8 6 0 3.413544 2.090384 0.690035  9 6 0 4.785439 2.370130 0.545705  10 6 0 5.631511 1.416245 0.042148  11 6 0 5.119015 0.173770 -0.405359  12 6 0 3.714344 -0.104863 -0.290533  13 6 0 3.233364 -1.282858 -0.927474  14 6 0 4.083770 -2.166704 -1.547677  15 6 0 5.475061 -1.929683 -1.574424  16 6 0 5.973956 -0.777034 -1.024124  17 6 0 -2.939822 0.293536 0.455086  18 6 0 -3.645004 -0.728075 -0.267311  19 6 0 -5.064681 -0.842150 -0.099134  20 6 0 -5.743603 0.066165 0.752269  21 6 0 -5.055212 1.057780 1.403214  22 6 0 -3.657903 1.170925 1.247481  23 6 0 -3.007879 -1.615975 -1.176382  24 6 0 -3.721024 -2.577502 -1.851286  25 6 0 -5.114296 -2.706350 -1.658597  26 6 0 -5.767842 -1.853337 -0.805015  27 6 0 1.482903 -1.658276 1.465628  28 7 0 0.967034 -2.807404 1.622194  29 6 0 1.750028 -3.819902 2.301416  30 6 0 -1.582588 2.829734 -0.441090  31 7 0 -1.064331 3.986362 -0.528725  32 6 0 -1.871132 5.054658 -1.082951  33 1 0 -1.096127 -1.566201 1.067959  34 1 0 1.010859 2.683988 -0.194075  35 1 0 2.778263 2.845133 1.138126  36 1 0 5.165274 3.338898 0.849538  37 1 0 6.694905 1.609081 -0.051649  38 1 0 2.171843 -1.480284 -0.950160  39 1 0 3.678803 -3.048294 -2.031734  40 1 0 6.137860 -2.642033 -2.052467  41 1 0 7.035534 -0.558091 -1.074106  42 1 0 -6.817013 -0.033795 0.874165  43 1 0 -5.576534 1.754071 2.050301  44 1 0 -3.126858 1.939426 1.797437  45 1 0 -1.943071 -1.524296 -1.344335  46 1 0 -3.211133 -3.240334 -2.541303  47 1 0 -5.664346 -3.472707 -2.192988  48 1 0 -6.840386 -1.934053 -0.661714  49 1 0 2.495856 -1.428918 1.820509  50 1 0 2.745707 -3.473508 2.616089  51 1 0 -2.614950 2.637462 -0.758493  52 1 0 -2.886277 4.741541 -1.370228  53 1 0 1.200268 -4.167831 3.181745  54 1 0 1.867958 -4.685809 1.642293  55 1 0 -1.943122 5.867337 -0.353117  56 1 0 -1.366120 5.467000 -1.962343 |
| TM\_NP\_model\_scan\_m\_150\_m\_60 | 1 6 0 -1.457406 0.407602 0.460658  2 6 0 -0.629508 -0.645778 0.846949  3 6 0 0.762619 -0.532415 0.897568  4 6 0 1.383420 0.692611 0.539809  5 6 0 0.544273 1.739331 0.145172  6 6 0 -0.849484 1.634043 0.112755  7 6 0 2.856827 0.874882 0.361856  8 6 0 3.395172 2.122697 0.639464  9 6 0 4.759947 2.416405 0.459282  10 6 0 5.606378 1.463825 -0.046018  11 6 0 5.099370 0.207553 -0.460076  12 6 0 3.701147 -0.085822 -0.308596  13 6 0 3.220536 -1.280273 -0.914536  14 6 0 4.067591 -2.164394 -1.538896  15 6 0 5.454936 -1.911415 -1.600968  16 6 0 5.951838 -0.743615 -1.081674  17 6 0 -2.939256 0.234337 0.533784  18 6 0 -3.625725 -0.711471 -0.297227  19 6 0 -5.042382 -0.870310 -0.143699  20 6 0 -5.733460 -0.083530 0.812543  21 6 0 -5.058978 0.829975 1.582080  22 6 0 -3.663891 0.987083 1.438345  23 6 0 -2.968067 -1.485488 -1.291597  24 6 0 -3.662366 -2.379994 -2.070090  25 6 0 -5.054786 -2.549287 -1.901306  26 6 0 -5.726192 -1.807505 -0.961705  27 6 0 1.529616 -1.634679 1.523197  28 7 0 1.030742 -2.786067 1.714826  29 6 0 1.843703 -3.777568 2.389839  30 6 0 -1.642787 2.784499 -0.369781  31 7 0 -1.131154 3.934657 -0.541290  32 6 0 -1.981784 4.989758 -1.053425  33 1 0 -1.062250 -1.584675 1.169546  34 1 0 0.967508 2.672544 -0.201498  35 1 0 2.760684 2.877744 1.088183  36 1 0 5.134282 3.395080 0.737069  37 1 0 6.664968 1.667626 -0.167022  38 1 0 2.161297 -1.491029 -0.909786  39 1 0 3.662686 -3.058821 -1.998856  40 1 0 6.115568 -2.623925 -2.081761  41 1 0 7.009265 -0.512976 -1.159360  42 1 0 -6.804760 -0.215173 0.922365  43 1 0 -5.589758 1.430645 2.312049  44 1 0 -3.142794 1.696902 2.071061  45 1 0 -1.902749 -1.361103 -1.436104  46 1 0 -3.139058 -2.959091 -2.822617  47 1 0 -5.589854 -3.261106 -2.519758  48 1 0 -6.797208 -1.923921 -0.832222  49 1 0 2.549333 -1.388481 1.845737  50 1 0 2.843721 -3.414585 2.670346  51 1 0 -2.699662 2.587349 -0.587953  52 1 0 -3.020312 4.674098 -1.234675  53 1 0 1.322576 -4.115634 3.291179  54 1 0 1.953245 -4.653836 1.743061  55 1 0 -1.982702 5.826027 -0.347075  56 1 0 -1.558944 5.369861 -1.988907 |
| TM\_NP\_model\_scan\_m\_150\_m\_70 | 1 6 0 -1.454714 0.355597 0.561933  2 6 0 -0.602901 -0.681059 0.937032  3 6 0 0.788190 -0.542234 0.957536  4 6 0 1.379070 0.690051 0.574580  5 6 0 0.513723 1.720845 0.194959  6 6 0 -0.878458 1.590569 0.195840  7 6 0 2.844484 0.893419 0.355751  8 6 0 3.371539 2.150934 0.609759  9 6 0 4.726021 2.463822 0.388442  10 6 0 5.571908 1.520674 -0.135100  11 6 0 5.072349 0.254209 -0.526460  12 6 0 3.683639 -0.059006 -0.332764  13 6 0 3.204026 -1.264765 -0.916915  14 6 0 4.046079 -2.140316 -1.559769  15 6 0 5.427061 -1.866972 -1.663564  16 6 0 5.920881 -0.688278 -1.166437  17 6 0 -2.933968 0.141469 0.624968  18 6 0 -3.602363 -0.687793 -0.333422  19 6 0 -5.014085 -0.899683 -0.203208  20 6 0 -5.715653 -0.280955 0.862923  21 6 0 -5.055951 0.518738 1.761243  22 6 0 -3.664894 0.728364 1.638563  23 6 0 -2.927710 -1.296911 -1.425833  24 6 0 -3.603845 -2.082758 -2.327723  25 6 0 -4.992765 -2.301943 -2.188529  26 6 0 -5.678857 -1.720966 -1.151122  27 6 0 1.589609 -1.626003 1.571869  28 7 0 1.113481 -2.781767 1.793099  29 6 0 1.962126 -3.752970 2.453463  30 6 0 -1.710124 2.726539 -0.253675  31 7 0 -1.218444 3.873137 -0.493308  32 6 0 -2.112467 4.915957 -0.953708  33 1 0 -1.013325 -1.627761 1.266188  34 1 0 0.912230 2.660165 -0.164572  35 1 0 2.738750 2.899529 1.071491  36 1 0 5.093329 3.449862 0.649024  37 1 0 6.623337 1.739550 -0.288018  38 1 0 2.148732 -1.491699 -0.880159  39 1 0 3.641728 -3.043921 -2.001946  40 1 0 6.084301 -2.572765 -2.158703  41 1 0 6.971984 -0.442328 -1.276262  42 1 0 -6.783438 -0.450291 0.954185  43 1 0 -5.595591 0.989432 2.575276  44 1 0 -3.154682 1.351157 2.364974  45 1 0 -1.864168 -1.132474 -1.543106  46 1 0 -3.069289 -2.537470 -3.154149  47 1 0 -5.513832 -2.926479 -2.905411  48 1 0 -6.746694 -1.879684 -1.041483  49 1 0 2.615459 -1.362238 1.858982  50 1 0 2.966174 -3.372986 2.694502  51 1 0 -2.780819 2.522364 -0.378981  52 1 0 -3.161379 4.594756 -1.040883  53 1 0 1.476637 -4.084956 3.376744  54 1 0 2.061342 -4.636878 1.815483  55 1 0 -2.057205 5.766459 -0.266750  56 1 0 -1.770554 5.277623 -1.928742 |
| TM\_NP\_model\_scan\_m\_150\_m\_80 | 1 6 0 1.443381 0.249589 -0.634434  2 6 0 0.561454 -0.775361 -0.965282  3 6 0 -0.826587 -0.602105 -0.964341  4 6 0 -1.379488 0.654156 -0.603667  5 6 0 -0.482412 1.673085 -0.266966  6 6 0 0.905533 1.507875 -0.291745  7 6 0 -2.835726 0.900318 -0.367752  8 6 0 -3.335318 2.164053 -0.645192  9 6 0 -4.678710 2.515419 -0.413814  10 6 0 -5.540110 1.606074 0.143064  11 6 0 -5.065970 0.337782 0.559364  12 6 0 -3.687803 -0.013482 0.356274  13 6 0 -3.228759 -1.214624 0.965828  14 6 0 -4.082764 -2.053161 1.641464  15 6 0 -5.455676 -1.744886 1.754502  16 6 0 -5.928171 -0.567809 1.233390  17 6 0 2.917658 -0.004020 -0.706318  18 6 0 3.608755 -0.642397 0.372808  19 6 0 5.014297 -0.892577 0.246317  20 6 0 5.685974 -0.502550 -0.940672  21 6 0 5.002615 0.110910 -1.959589  22 6 0 3.617207 0.359379 -1.838756  23 6 0 2.958793 -1.031320 1.575200  24 6 0 3.655370 -1.638847 2.591987  25 6 0 5.039912 -1.890367 2.462458  26 6 0 5.700746 -1.524286 1.316033  27 6 0 -1.665182 -1.681335 -1.535400  28 7 0 -1.222126 -2.854452 -1.733031  29 6 0 -2.107137 -3.821071 -2.351127  30 6 0 1.779371 2.636433 0.089946  31 7 0 1.320266 3.791403 0.352146  32 6 0 2.257967 4.828394 0.731832  33 1 0 0.943208 -1.741400 -1.271992  34 1 0 -0.850600 2.632527 0.071290  35 1 0 -2.691348 2.885391 -1.134029  36 1 0 -5.025502 3.503591 -0.693731  37 1 0 -6.583901 1.854114 0.303610  38 1 0 -2.179410 -1.466725 0.922447  39 1 0 -3.693943 -2.954283 2.102229  40 1 0 -6.122887 -2.422221 2.275380  41 1 0 -6.971690 -0.294163 1.349808  42 1 0 6.749535 -0.698404 -1.028200  43 1 0 5.519234 0.406079 -2.865908  44 1 0 3.088808 0.839123 -2.655128  45 1 0 1.897821 -0.843059 1.682414  46 1 0 3.140699 -1.928318 3.501303  47 1 0 5.577206 -2.372240 3.271551  48 1 0 6.764167 -1.712816 1.210963  49 1 0 -2.689009 -1.399764 -1.812596  50 1 0 -3.104614 -3.421110 -2.587105  51 1 0 2.853889 2.419114 0.139368  52 1 0 3.306227 4.494203 0.748562  53 1 0 -1.646146 -4.192912 -3.271749  54 1 0 -2.219325 -4.682898 -1.685674  55 1 0 2.164170 5.669676 0.037742  56 1 0 1.991087 5.208237 1.723172 |
| TM\_NP\_model\_scan\_m\_150\_m\_90 | 1 6 0 1.430796 0.114773 -0.707363  2 6 0 0.518912 -0.902578 -0.971739  3 6 0 -0.864413 -0.692587 -0.963229  4 6 0 -1.379687 0.595660 -0.666549  5 6 0 -0.451881 1.609555 -0.405594  6 6 0 0.930471 1.406139 -0.438833  7 6 0 -2.824655 0.891200 -0.417778  8 6 0 -3.300830 2.148274 -0.758988  9 6 0 -4.629961 2.545759 -0.520010  10 6 0 -5.499025 1.692732 0.109322  11 6 0 -5.045060 0.440022 0.590196  12 6 0 -3.680888 0.042947 0.377842  13 6 0 -3.235874 -1.130867 1.047976  14 6 0 -4.093043 -1.905724 1.792197  15 6 0 -5.455108 -1.556744 1.917684  16 6 0 -5.912053 -0.401554 1.337095  17 6 0 2.897276 -0.187343 -0.755920  18 6 0 3.605089 -0.579047 0.425253  19 6 0 5.003542 -0.877042 0.330776  20 6 0 5.651267 -0.779529 -0.927616  21 6 0 4.951039 -0.403927 -2.045603  22 6 0 3.572376 -0.107426 -1.956183  23 6 0 2.976255 -0.682143 1.695353  24 6 0 3.688140 -1.056890 2.809388  25 6 0 5.067029 -1.350816 2.713905  26 6 0 5.706333 -1.262871 1.501984  27 6 0 -1.739704 -1.780601 -1.456783  28 7 0 -1.329443 -2.973987 -1.595598  29 6 0 -2.250970 -3.951694 -2.138035  30 6 0 1.840620 2.535147 -0.156160  31 7 0 1.413843 3.707697 0.081048  32 6 0 2.386532 4.746224 0.353180  33 1 0 0.871242 -1.895706 -1.221743  34 1 0 -0.789871 2.598031 -0.123996  35 1 0 -2.651467 2.823696 -1.303126  36 1 0 -4.959901 3.523993 -0.850604  37 1 0 -6.532555 1.975797 0.278139  38 1 0 -2.193981 -1.410685 0.996405  39 1 0 -3.714692 -2.787173 2.297585  40 1 0 -6.125301 -2.184590 2.493827  41 1 0 -6.945561 -0.095048 1.460697  42 1 0 6.709994 -1.008397 -0.990171  43 1 0 5.449591 -0.332465 -3.005693  44 1 0 3.031758 0.187853 -2.848511  45 1 0 1.918904 -0.462727 1.777169  46 1 0 3.189589 -1.129852 3.769408  47 1 0 5.616724 -1.646869 3.600296  48 1 0 6.764666 -1.488606 1.421642  49 1 0 -2.762056 -1.489491 -1.729767  50 1 0 -3.241477 -3.539493 -2.382036  51 1 0 2.913318 2.303115 -0.161952  52 1 0 3.429364 4.396659 0.321388  53 1 0 -1.816980 -4.392967 -3.040935  54 1 0 -2.374384 -4.766946 -1.418058  55 1 0 2.260722 5.555935 -0.372702  56 1 0 2.186408 5.175669 1.339990 |
| TM\_NP\_model\_scan\_m\_150\_m\_100 | 1 6 0 1.415927 -0.039106 -0.721406  2 6 0 0.477592 -1.052223 -0.893044  3 6 0 -0.900479 -0.808888 -0.895563  4 6 0 -1.383037 0.511874 -0.708604  5 6 0 -0.428985 1.521765 -0.542283  6 6 0 0.947573 1.283101 -0.565215  7 6 0 -2.818833 0.863668 -0.480500  8 6 0 -3.265580 2.098434 -0.926777  9 6 0 -4.583013 2.548560 -0.718963  10 6 0 -5.469469 1.775286 -0.015191  11 6 0 -5.044036 0.557700 0.570528  12 6 0 -3.691468 0.108891 0.388252  13 6 0 -3.272894 -1.014814 1.154318  14 6 0 -4.145539 -1.701709 1.964051  15 6 0 -5.497477 -1.308091 2.064168  16 6 0 -5.927910 -0.194706 1.389284  17 6 0 2.872988 -0.383113 -0.743309  18 6 0 3.626107 -0.493676 0.470103  19 6 0 5.015422 -0.836755 0.396342  20 6 0 5.609417 -1.065904 -0.871444  21 6 0 4.864270 -0.967179 -2.018663  22 6 0 3.494723 -0.627105 -1.950613  23 6 0 3.048669 -0.286418 1.751779  24 6 0 3.802092 -0.402407 2.895253  25 6 0 5.173876 -0.732804 2.819688  26 6 0 5.763068 -0.945714 1.597977  27 6 0 -1.804056 -1.915023 -1.287263  28 7 0 -1.421121 -3.124885 -1.324192  29 6 0 -2.367499 -4.125621 -1.773939  30 6 0 1.885490 2.415142 -0.415399  31 7 0 1.486402 3.609557 -0.250257  32 6 0 2.485055 4.650947 -0.119619  33 1 0 0.804069 -2.072386 -1.053129  34 1 0 -0.740923 2.540118 -0.351681  35 1 0 -2.602657 2.707511 -1.529633  36 1 0 -4.890218 3.502568 -1.131943  37 1 0 -6.494731 2.097706 0.132040  38 1 0 -2.238729 -1.324899 1.123305  39 1 0 -3.786943 -2.546786 2.540897  40 1 0 -6.180318 -1.867237 2.693738  41 1 0 -6.952602 0.147722 1.489829  42 1 0 6.662044 -1.324920 -0.916582  43 1 0 5.320453 -1.147520 -2.985513  44 1 0 2.919277 -0.548200 -2.866154  45 1 0 1.996653 -0.039137 1.820074  46 1 0 3.341448 -0.242677 3.863667  47 1 0 5.756980 -0.821258 3.729449  48 1 0 6.814647 -1.205482 1.533125  49 1 0 -2.821776 -1.625313 -1.578287  50 1 0 -3.351981 -3.715208 -2.043826  51 1 0 2.953443 2.166684 -0.460710  52 1 0 3.520149 4.282830 -0.180397  53 1 0 -1.951452 -4.650607 -2.639751  54 1 0 -2.499784 -4.874329 -0.986443  55 1 0 2.327680 5.400010 -0.902271  56 1 0 2.346356 5.163433 0.837642 |
| TM\_NP\_model\_scan\_m\_150\_m\_110 | 1 6 0 1.403257 -0.174708 -0.713802  2 6 0 0.440589 -1.176698 -0.800958  3 6 0 -0.931768 -0.905071 -0.821561  4 6 0 -1.385452 0.436188 -0.739533  5 6 0 -0.408461 1.435103 -0.664934  6 6 0 0.962551 1.166442 -0.673690  7 6 0 -2.811805 0.836265 -0.534341  8 6 0 -3.235266 2.040579 -1.076678  9 6 0 -4.541831 2.533739 -0.900857  10 6 0 -5.441025 1.837587 -0.135418  11 6 0 -5.038632 0.661156 0.543207  12 6 0 -3.696293 0.171176 0.393710  13 6 0 -3.298614 -0.897864 1.244770  14 6 0 -4.182751 -1.501227 2.106860  15 6 0 -5.525938 -1.072966 2.178163  16 6 0 -5.935195 -0.006490 1.419644  17 6 0 2.848314 -0.559627 -0.688685  18 6 0 3.642699 -0.411590 0.495711  19 6 0 5.019170 -0.809862 0.462479  20 6 0 5.558452 -1.355786 -0.730536  21 6 0 4.771908 -1.512662 -1.842940  22 6 0 3.416810 -1.116325 -1.817052  23 6 0 3.119086 0.096038 1.715659  24 6 0 3.913050 0.224272 2.829994  25 6 0 5.274550 -0.150683 2.788377  26 6 0 5.810569 -0.658559 1.631134  27 6 0 -1.859564 -2.020400 -1.119306  28 7 0 -1.499612 -3.236655 -1.065015  29 6 0 -2.467549 -4.251088 -1.430410  30 6 0 1.921291 2.291359 -0.655001  31 7 0 1.546208 3.500544 -0.553378  32 6 0 2.562401 4.533094 -0.562430  33 1 0 0.743422 -2.214158 -0.870960  34 1 0 -0.697002 2.473209 -0.565658  35 1 0 -2.563064 2.585257 -1.728788  36 1 0 -4.831007 3.458350 -1.387210  37 1 0 -6.458576 2.192433 -0.011066  38 1 0 -2.271328 -1.231415 1.237169  39 1 0 -3.839749 -2.305905 2.747431  40 1 0 -6.218234 -1.567320 2.850183  41 1 0 -6.952241 0.364076 1.494759  42 1 0 6.601774 -1.653129 -0.744790  43 1 0 5.184980 -1.937304 -2.750934  44 1 0 2.810746 -1.236216 -2.707986  45 1 0 2.074832 0.377486 1.764565  46 1 0 3.491133 0.611327 3.750711  47 1 0 5.890396 -0.042742 3.674106  48 1 0 6.852633 -0.958851 1.593699  49 1 0 -2.873845 -1.734471 -1.425310  50 1 0 -3.448133 -3.844628 -1.719710  51 1 0 2.981669 2.024733 -0.745723  52 1 0 3.587676 4.145363 -0.657263  53 1 0 -2.070108 -4.845014 -2.259707  54 1 0 -2.603136 -4.938171 -0.589156  55 1 0 2.365579 5.223529 -1.388853  56 1 0 2.488090 5.117995 0.359789 |
| TM\_NP\_model\_scan\_m\_150\_m\_120 | 1 6 0 1.395107 -0.259869 -0.707420  2 6 0 0.414420 -1.249017 -0.743351  3 6 0 -0.953331 -0.959031 -0.775645  4 6 0 -1.387526 0.390806 -0.753543  5 6 0 -0.394828 1.376692 -0.733578  6 6 0 0.972048 1.088298 -0.735997  7 6 0 -2.806552 0.821343 -0.561288  8 6 0 -3.214931 2.005722 -1.156750  9 6 0 -4.513547 2.525254 -0.999214  10 6 0 -5.419732 1.877713 -0.200121  11 6 0 -5.031639 0.727659 0.530060  12 6 0 -3.697025 0.212127 0.398895  13 6 0 -3.311334 -0.822428 1.296866  14 6 0 -4.200643 -1.372600 2.188720  15 6 0 -5.537331 -0.922248 2.244534  16 6 0 -5.934307 0.114005 1.439041  17 6 0 2.828570 -0.674294 -0.631834  18 6 0 3.657260 -0.346343 0.493968  19 6 0 5.016995 -0.801151 0.509101  20 6 0 5.504353 -1.586138 -0.566820  21 6 0 4.681459 -1.924593 -1.610287  22 6 0 3.344968 -1.472754 -1.634828  23 6 0 3.183583 0.381578 1.619554  24 6 0 4.010301 0.673587 2.677831  25 6 0 5.358499 0.251948 2.673838  26 6 0 5.844936 -0.472652 1.614658  27 6 0 -1.897623 -2.073847 -1.018631  28 7 0 -1.553429 -3.291405 -0.914199  29 6 0 -2.537129 -4.307474 -1.229370  30 6 0 1.942036 2.201793 -0.813692  31 7 0 1.586368 3.418144 -0.730460  32 6 0 2.609226 4.437451 -0.848250  33 1 0 0.699685 -2.293693 -0.755435  34 1 0 -0.667016 2.423013 -0.689145  35 1 0 -2.537926 2.510409 -1.835504  36 1 0 -4.791361 3.430859 -1.526277  37 1 0 -6.431607 2.252595 -0.088888  38 1 0 -2.288890 -1.170501 1.301606  39 1 0 -3.866639 -2.151583 2.864830  40 1 0 -6.233963 -1.375215 2.940820  41 1 0 -6.945650 0.502296 1.500231  42 1 0 6.535499 -1.922671 -0.543362  43 1 0 5.052050 -2.535389 -2.425692  44 1 0 2.712274 -1.735403 -2.475047  45 1 0 2.149992 0.701116 1.645463  46 1 0 3.623262 1.226709 3.526202  47 1 0 6.001517 0.492623 3.512899  48 1 0 6.874507 -0.815316 1.609849  49 1 0 -2.910033 -1.787774 -1.330533  50 1 0 -3.513209 -3.900784 -1.533226  51 1 0 2.991216 1.919727 -0.966519  52 1 0 3.621651 4.034302 -0.999566  53 1 0 -2.151849 -4.944100 -2.032304  54 1 0 -2.678651 -4.953534 -0.357152  55 1 0 2.361759 5.099764 -1.684022  56 1 0 2.605116 5.056147 0.054698 |
| TM\_NP\_model\_scan\_m\_150\_m\_130 | 1 6 0 1.391416 -0.314768 -0.721857  2 6 0 0.395220 -1.290896 -0.733810  3 6 0 -0.968623 -0.986118 -0.767238  4 6 0 -1.387921 0.368466 -0.764834  5 6 0 -0.382863 1.341685 -0.768541  6 6 0 0.980414 1.037832 -0.772122  7 6 0 -2.799982 0.819686 -0.570543  8 6 0 -3.197844 1.998888 -1.183321  9 6 0 -4.488641 2.537391 -1.025560  10 6 0 -5.396918 1.915359 -0.208781  11 6 0 -5.017847 0.773289 0.538469  12 6 0 -3.690984 0.238447 0.406359  13 6 0 -3.311360 -0.784921 1.319545  14 6 0 -4.200491 -1.307631 2.227975  15 6 0 -5.530818 -0.839108 2.286092  16 6 0 -5.921008 0.187628 1.465227  17 6 0 2.813711 -0.750269 -0.593499  18 6 0 3.663628 -0.304549 0.477827  19 6 0 5.008691 -0.798751 0.546078  20 6 0 5.456872 -1.748666 -0.406093  21 6 0 4.605814 -2.216136 -1.374400  22 6 0 3.287230 -1.723720 -1.455440  23 6 0 3.224007 0.565082 1.513560  24 6 0 4.071133 0.963957 2.519531  25 6 0 5.409768 0.515053 2.552763  26 6 0 5.861411 -0.351823 1.589955  27 6 0 -1.926745 -2.094711 -0.983626  28 7 0 -1.595470 -3.314101 -0.860503  29 6 0 -2.593334 -4.324198 -1.149255  30 6 0 1.956306 2.141233 -0.911109  31 7 0 1.616681 3.361992 -0.827472  32 6 0 2.640424 4.369360 -1.018369  33 1 0 0.664409 -2.339655 -0.716728  34 1 0 -0.641767 2.392081 -0.745784  35 1 0 -2.519675 2.483367 -1.875497  36 1 0 -4.758950 3.437228 -1.566240  37 1 0 -6.403082 2.305060 -0.096638  38 1 0 -2.293294 -1.145592 1.322812  39 1 0 -3.871046 -2.078544 2.915472  40 1 0 -6.227537 -1.270431 2.995909  41 1 0 -6.926738 0.590082 1.527391  42 1 0 6.477351 -2.111413 -0.342767  43 1 0 4.941273 -2.959410 -2.088726  44 1 0 2.637575 -2.086891 -2.243532  45 1 0 2.197898 0.906812 1.518944  46 1 0 3.705799 1.622287 3.299666  47 1 0 6.070270 0.843303 3.347351  48 1 0 6.880511 -0.723314 1.619076  49 1 0 -2.938390 -1.802792 -1.292592  50 1 0 -3.566630 -3.911727 -1.454233  51 1 0 2.993141 1.846877 -1.116263  52 1 0 3.639409 3.954037 -1.218184  53 1 0 -2.221473 -4.980836 -1.942321  54 1 0 -2.736438 -4.951381 -0.263625  55 1 0 2.353308 5.020303 -1.850402  56 1 0 2.691581 5.002759 -0.127160 |
| TM\_NP\_model\_scan\_m\_150\_m\_140 | 1 6 0 1.389222 -0.347755 -0.739515  2 6 0 0.377293 -1.310154 -0.742613  3 6 0 -0.982632 -0.991646 -0.771640  4 6 0 -1.388755 0.366748 -0.763537  5 6 0 -0.372329 1.327562 -0.772610  6 6 0 0.987519 1.009358 -0.784265  7 6 0 -2.794513 0.832349 -0.560643  8 6 0 -3.183448 2.017208 -1.168341  9 6 0 -4.468375 2.567529 -1.003701  10 6 0 -5.379371 1.951684 -0.185234  11 6 0 -5.008216 0.803922 0.557263  12 6 0 -3.687009 0.257047 0.418427  13 6 0 -3.313116 -0.771936 1.327619  14 6 0 -4.203489 -1.288857 2.238160  15 6 0 -5.529271 -0.808413 2.302532  16 6 0 -5.913167 0.224095 1.485939  17 6 0 2.799620 -0.805758 -0.564813  18 6 0 3.674827 -0.279822 0.452330  19 6 0 5.002895 -0.813049 0.566235  20 6 0 5.403417 -1.889777 -0.263502  21 6 0 4.518202 -2.447134 -1.149835  22 6 0 3.221431 -1.913633 -1.282379  23 6 0 3.275995 0.695451 1.408216  24 6 0 4.148301 1.166788 2.359945  25 6 0 5.476105 0.690134 2.418792  26 6 0 5.885657 -0.285065 1.545534  27 6 0 -1.952426 -2.091295 -0.983005  28 7 0 -1.632150 -3.313863 -0.862602  29 6 0 -2.641370 -4.314254 -1.145843  30 6 0 1.966483 2.104543 -0.968934  31 7 0 1.643016 3.328613 -0.873289  32 6 0 2.665349 4.325386 -1.119871  33 1 0 0.629263 -2.362578 -0.714100  34 1 0 -0.618388 2.381110 -0.751965  35 1 0 -2.503779 2.496979 -1.862293  36 1 0 -4.732273 3.471456 -1.540712  37 1 0 -6.381382 2.350518 -0.068127  38 1 0 -2.298235 -1.141528 1.326319  39 1 0 -3.878403 -2.064352 2.922567  40 1 0 -6.227195 -1.235228 3.013888  41 1 0 -6.914873 0.635668 1.553140  42 1 0 6.411004 -2.279736 -0.165474  43 1 0 4.810929 -3.292534 -1.762038  44 1 0 2.552610 -2.347134 -2.016740  45 1 0 2.258625 1.060320 1.402852  46 1 0 3.809241 1.903657 3.079366  47 1 0 6.158193 1.078551 3.166616  48 1 0 6.892282 -0.686206 1.601610  49 1 0 -2.962951 -1.789532 -1.286036  50 1 0 -3.612180 -3.892273 -1.445544  51 1 0 2.988920 1.799323 -1.224532  52 1 0 3.648332 3.899637 -1.370470  53 1 0 -2.280293 -4.974553 -1.940851  54 1 0 -2.785777 -4.939893 -0.259337  55 1 0 2.341829 4.977839 -1.937223  56 1 0 2.769474 4.959707 -0.233933 |
| TM\_NP\_model\_scan\_m\_150\_p\_20 | 1 6 0 1.446987 0.489353 -0.162737  2 6 0 0.686771 -0.683982 -0.257416  3 6 0 -0.691394 -0.705345 -0.486411  4 6 0 -1.411524 0.510750 -0.568581  5 6 0 -0.662334 1.685806 -0.450760  6 6 0 0.720599 1.707907 -0.267187  7 6 0 -2.901011 0.624782 -0.575482  8 6 0 -3.470844 1.687806 -1.260875  9 6 0 -4.860013 1.912215 -1.291466  10 6 0 -5.704295 1.087002 -0.594747  11 6 0 -5.179196 0.054874 0.221213  12 6 0 -3.759789 -0.156673 0.283586  13 6 0 -3.282807 -1.070526 1.264236  14 6 0 -4.143004 -1.793252 2.055878  15 6 0 -5.540581 -1.648313 1.920112  16 6 0 -6.041039 -0.733691 1.029357  17 6 0 2.824880 0.399751 0.404739  18 6 0 3.764311 -0.624528 0.000337  19 6 0 5.055721 -0.668765 0.626469  20 6 0 5.430254 0.344243 1.544639  21 6 0 4.577127 1.381975 1.810856  22 6 0 3.295859 1.414197 1.225407  23 6 0 3.519808 -1.561294 -1.042168  24 6 0 4.441108 -2.524898 -1.378788  25 6 0 5.672016 -2.614776 -0.695694  26 6 0 5.972148 -1.695044 0.276535  27 6 0 -1.327418 -2.008968 -0.789818  28 7 0 -0.736765 -3.116268 -0.598755  29 6 0 -1.426379 -4.332439 -0.979043  30 6 0 1.391248 3.026402 -0.360966  31 7 0 0.779180 4.120813 -0.159007  32 6 0 1.507924 5.357119 -0.360750  33 1 0 1.152016 -1.649475 -0.119755  34 1 0 -1.154926 2.648935 -0.475444  35 1 0 -2.833516 2.323705 -1.863680  36 1 0 -5.253242 2.731918 -1.881823  37 1 0 -6.778724 1.232558 -0.629410  38 1 0 -2.219035 -1.181764 1.414630  39 1 0 -3.741963 -2.471095 2.800950  40 1 0 -6.209749 -2.235812 2.538433  41 1 0 -7.111369 -0.577030 0.944498  42 1 0 6.409196 0.294975 2.009454  43 1 0 4.868957 2.175624 2.489180  44 1 0 2.620418 2.200666 1.534216  45 1 0 2.601797 -1.502066 -1.607854  46 1 0 4.221240 -3.215629 -2.184996  47 1 0 6.383702 -3.389294 -0.958107  48 1 0 6.931377 -1.722637 0.782963  49 1 0 -2.333039 -1.962925 -1.226454  50 1 0 -2.421126 -4.159906 -1.416141  51 1 0 2.446222 3.007295 -0.664966  52 1 0 2.556013 5.210427 -0.663206  53 1 0 -0.812730 -4.884061 -1.698344  54 1 0 -1.532843 -4.974932 -0.099231  55 1 0 1.000201 5.953512 -1.125621  56 1 0 1.483412 5.945059 0.562182 |
| TM\_NP\_model\_scan\_m\_150\_p\_30 | 1 6 0 1.434877 0.442739 -0.080097  2 6 0 0.671705 -0.726216 -0.173136  3 6 0 -0.701943 -0.733583 -0.428004  4 6 0 -1.402063 0.491710 -0.555505  5 6 0 -0.642185 1.660889 -0.449442  6 6 0 0.737523 1.669093 -0.235785  7 6 0 -2.889887 0.623395 -0.599982  8 6 0 -3.430057 1.676784 -1.323132  9 6 0 -4.815169 1.917236 -1.392062  10 6 0 -5.685886 1.119202 -0.696304  11 6 0 -5.193037 0.100994 0.156411  12 6 0 -3.778218 -0.126261 0.257331  13 6 0 -3.336047 -1.021244 1.271268  14 6 0 -4.223795 -1.713011 2.060179  15 6 0 -5.615864 -1.554264 1.888059  16 6 0 -6.083618 -0.656335 0.963193  17 6 0 2.821322 0.356111 0.462320  18 6 0 3.777740 -0.613701 -0.015305  19 6 0 5.078042 -0.662494 0.590230  20 6 0 5.426869 0.284169 1.586211  21 6 0 4.538771 1.260835 1.953844  22 6 0 3.252149 1.301395 1.379933  23 6 0 3.530526 -1.494871 -1.104059  24 6 0 4.471731 -2.406893 -1.519097  25 6 0 5.723085 -2.494738 -0.872576  26 6 0 6.018082 -1.632111 0.152454  27 6 0 -1.350145 -2.033933 -0.718829  28 7 0 -0.781432 -3.145096 -0.487772  29 6 0 -1.478989 -4.359282 -0.859774  30 6 0 1.437031 2.972208 -0.314994  31 7 0 0.830058 4.080734 -0.187338  32 6 0 1.594566 5.299922 -0.358036  33 1 0 1.133337 -1.692586 -0.022726  34 1 0 -1.122811 2.628650 -0.506893  35 1 0 -2.770810 2.290294 -1.925562  36 1 0 -5.184004 2.727339 -2.010739  37 1 0 -6.757301 1.276782 -0.759868  38 1 0 -2.277667 -1.142182 1.449688  39 1 0 -3.849101 -2.376775 2.831207  40 1 0 -6.306687 -2.117675 2.504990  41 1 0 -7.149544 -0.488463 0.849361  42 1 0 6.412580 0.231837 2.036235  43 1 0 4.809856 1.998636 2.700413  44 1 0 2.550634 2.040884 1.744802  45 1 0 2.591072 -1.433930 -1.634584  46 1 0 4.252574 -3.059018 -2.357043  47 1 0 6.452353 -3.226827 -1.200499  48 1 0 6.988191 -1.665397 0.637383  49 1 0 -2.343424 -1.983108 -1.182383  50 1 0 -2.461162 -4.182284 -1.322858  51 1 0 2.511990 2.929054 -0.532693  52 1 0 2.660318 5.128921 -0.573460  53 1 0 -0.856848 -4.933194 -1.553948  54 1 0 -1.614049 -4.982757 0.029705  55 1 0 1.159247 5.886352 -1.173581  56 1 0 1.508196 5.909503 0.546952 |
| TM\_NP\_model\_scan\_m\_150\_p\_40 | 1 6 0 1.423540 0.399624 0.002004  2 6 0 0.656523 -0.764357 -0.093975  3 6 0 -0.712036 -0.757865 -0.375048  4 6 0 -1.391825 0.475272 -0.542103  5 6 0 -0.621097 1.637719 -0.442692  6 6 0 0.754475 1.631978 -0.198913  7 6 0 -2.876955 0.623894 -0.622057  8 6 0 -3.387942 1.669135 -1.377441  9 6 0 -4.768068 1.925247 -1.481400  10 6 0 -5.663756 1.152518 -0.788802  11 6 0 -5.202406 0.145864 0.094677  12 6 0 -3.793076 -0.097064 0.230498  13 6 0 -3.384385 -0.977192 1.271163  14 6 0 -4.297700 -1.641733 2.054268  15 6 0 -5.683628 -1.468602 1.849403  16 6 0 -6.119808 -0.583516 0.897138  17 6 0 2.818251 0.310076 0.521065  18 6 0 3.787960 -0.597519 -0.034373  19 6 0 5.094063 -0.663528 0.555512  20 6 0 5.422117 0.197591 1.632987  21 6 0 4.506748 1.105187 2.099833  22 6 0 3.216076 1.164541 1.535707  23 6 0 3.538829 -1.404895 -1.178058  24 6 0 4.494403 -2.260221 -1.672503  25 6 0 5.760272 -2.358677 -1.055107  26 6 0 6.051466 -1.570129 0.029261  27 6 0 -1.372130 -2.053806 -0.658113  28 7 0 -0.826191 -3.168325 -0.391053  29 6 0 -1.531798 -4.379294 -0.758310  30 6 0 1.479071 2.921402 -0.256276  31 7 0 0.880714 4.040649 -0.200886  32 6 0 1.675109 5.245439 -0.331198  33 1 0 1.112975 -1.732509 0.065859  34 1 0 -1.089114 2.609590 -0.527870  35 1 0 -2.708087 2.262267 -1.977377  36 1 0 -5.113029 2.727154 -2.124077  37 1 0 -6.731439 1.322085 -0.878832  38 1 0 -2.331752 -1.108389 1.474558  39 1 0 -3.948191 -2.294907 2.845899  40 1 0 -6.394676 -2.010662 2.462475  41 1 0 -7.180767 -0.404276 0.757232  42 1 0 6.412417 0.133587 2.071339  43 1 0 4.761276 1.773077 2.914945  44 1 0 2.494187 1.852490 1.959265  45 1 0 2.583600 -1.332785 -1.679492  46 1 0 4.276287 -2.859707 -2.549160  47 1 0 6.502227 -3.044046 -1.449005  48 1 0 7.029252 -1.617979 0.497273  49 1 0 -2.352385 -1.997533 -1.148073  50 1 0 -2.500331 -4.197225 -1.247472  51 1 0 2.567039 2.858873 -0.384598  52 1 0 2.751616 5.055652 -0.459383  53 1 0 -0.901594 -4.973838 -1.427428  54 1 0 -1.696275 -4.985107 0.138396  55 1 0 1.313809 5.823396 -1.187891  56 1 0 1.527528 5.871989 0.554113 |
| TM\_NP\_model\_scan\_m\_150\_p\_50 | 1 6 0 1.413499 0.352887 0.098932  2 6 0 0.638331 -0.803172 -0.003820  3 6 0 -0.723763 -0.779773 -0.314523  4 6 0 -1.379110 0.461945 -0.518453  5 6 0 -0.595056 1.615093 -0.416995  6 6 0 0.774697 1.592032 -0.139575  7 6 0 -2.859718 0.630651 -0.639773  8 6 0 -3.335091 1.671137 -1.424344  9 6 0 -4.708126 1.945382 -1.568822  10 6 0 -5.633099 1.197010 -0.888036  11 6 0 -5.210034 0.198021 0.022835  12 6 0 -3.808479 -0.063156 0.199320  13 6 0 -3.440203 -0.933291 1.263137  14 6 0 -4.383327 -1.572977 2.031436  15 6 0 -5.760739 -1.382708 1.787844  16 6 0 -6.158776 -0.505649 0.811746  17 6 0 2.816856 0.248654 0.593951  18 6 0 3.793004 -0.582065 -0.055435  19 6 0 5.108927 -0.675755 0.507259  20 6 0 5.429118 0.073891 1.667476  21 6 0 4.495795 0.896983 2.243738  22 6 0 3.196991 0.986191 1.701135  23 6 0 3.533006 -1.290509 -1.260369  24 6 0 4.496706 -2.072936 -1.850021  25 6 0 5.779515 -2.191586 -1.271252  26 6 0 6.076212 -1.502490 -0.122256  27 6 0 -1.397078 -2.069013 -0.596397  28 7 0 -0.878816 -3.187535 -0.293340  29 6 0 -1.593106 -4.392981 -0.661912  30 6 0 1.523883 2.867268 -0.167138  31 7 0 0.941656 3.996225 -0.189039  32 6 0 1.764288 5.186199 -0.268301  33 1 0 1.085824 -1.774754 0.163816  34 1 0 -1.047298 2.592001 -0.526131  35 1 0 -2.631009 2.244840 -2.015155  36 1 0 -5.024115 2.741712 -2.232979  37 1 0 -6.695420 1.380414 -1.009021  38 1 0 -2.395236 -1.076855 1.495538  39 1 0 -4.064264 -2.219667 2.841036  40 1 0 -6.495496 -1.905236 2.389823  41 1 0 -7.212966 -0.313219 0.641442  42 1 0 6.426933 -0.009090 2.085222  43 1 0 4.744109 1.475396 3.126420  44 1 0 2.463270 1.613165 2.194584  45 1 0 2.560455 -1.201703 -1.725637  46 1 0 4.272307 -2.600034 -2.770519  47 1 0 6.528759 -2.817531 -1.742658  48 1 0 7.064210 -1.572056 0.320939  49 1 0 -2.360831 -2.004816 -1.117199  50 1 0 -2.544130 -4.203721 -1.181807  51 1 0 2.617495 2.785638 -0.194802  52 1 0 2.844692 4.978217 -0.293230  53 1 0 -0.953551 -5.008142 -1.302961  54 1 0 -1.793115 -4.981530 0.239051  55 1 0 1.492433 5.751948 -1.165273  56 1 0 1.546354 5.832481 0.587844 |
| TM\_NP\_model\_scan\_m\_150\_p\_60 | 1 6 0 1.400398 0.291159 0.179140  2 6 0 0.613015 -0.852793 0.054945  3 6 0 -0.742097 -0.804376 -0.283879  4 6 0 -1.369453 0.449513 -0.503997  5 6 0 -0.567809 1.589163 -0.389345  6 6 0 0.795028 1.540663 -0.080915  7 6 0 -2.844602 0.644507 -0.653374  8 6 0 -3.286856 1.690404 -1.449848  9 6 0 -4.651841 1.990470 -1.617833  10 6 0 -5.602109 1.263475 -0.948788  11 6 0 -5.213407 0.260022 -0.027611  12 6 0 -3.820244 -0.027929 0.172194  13 6 0 -3.486329 -0.902287 1.243855  14 6 0 -4.453962 -1.521185 1.998543  15 6 0 -5.823291 -1.304178 1.732766  16 6 0 -6.188283 -0.422245 0.748187  17 6 0 2.806134 0.162504 0.666930  18 6 0 3.799325 -0.560454 -0.073704  19 6 0 5.117903 -0.687398 0.475353  20 6 0 5.415527 -0.084953 1.724202  21 6 0 4.456661 0.623333 2.402550  22 6 0 3.156056 0.747351 1.869503  23 6 0 3.546694 -1.135663 -1.348834  24 6 0 4.527471 -1.817473 -2.028228  25 6 0 5.818498 -1.961292 -1.472867  26 6 0 6.104124 -1.404601 -0.251304  27 6 0 -1.433894 -2.080279 -0.580235  28 7 0 -0.945196 -3.208304 -0.263616  29 6 0 -1.674285 -4.399981 -0.647548  30 6 0 1.571189 2.799094 -0.067135  31 7 0 1.017171 3.938902 -0.155606  32 6 0 1.868225 5.111209 -0.172334  33 1 0 1.046268 -1.831533 0.220587  34 1 0 -1.000477 2.573678 -0.509014  35 1 0 -2.562097 2.248353 -2.030668  36 1 0 -4.941498 2.789929 -2.290185  37 1 0 -6.658549 1.467273 -1.087348  38 1 0 -2.448236 -1.066235 1.492788  39 1 0 -4.160602 -2.172177 2.814395  40 1 0 -6.577742 -1.810250 2.324358  41 1 0 -7.235639 -0.209554 0.560633  42 1 0 6.415727 -0.191097 2.130933  43 1 0 4.687337 1.084549 3.356186  44 1 0 2.403279 1.289441 2.430762  45 1 0 2.564457 -1.026689 -1.789927  46 1 0 4.310799 -2.245991 -3.000311  47 1 0 6.581967 -2.505535 -2.017259  48 1 0 7.096125 -1.500304 0.177853  49 1 0 -2.383911 -1.997570 -1.123292  50 1 0 -2.609845 -4.192901 -1.188347  51 1 0 2.660951 2.694876 0.004270  52 1 0 2.941625 4.881470 -0.094381  53 1 0 -1.032677 -5.027814 -1.274090  54 1 0 -1.905505 -4.983824 0.248998  55 1 0 1.692121 5.669977 -1.097145  56 1 0 1.585580 5.773078 0.652412 |
| TM\_NP\_model\_scan\_m\_150\_p\_70 | 1 6 0 1.389389 0.215235 0.263611  2 6 0 0.582636 -0.909865 0.108445  3 6 0 -0.764646 -0.826168 -0.255793  4 6 0 -1.358201 0.444524 -0.474388  5 6 0 -0.534649 1.565030 -0.328684  6 6 0 0.820162 1.480833 0.007027  7 6 0 -2.825468 0.673678 -0.652448  8 6 0 -3.227852 1.737797 -1.445735  9 6 0 -4.582171 2.069544 -1.638910  10 6 0 -5.561979 1.356107 -0.998503  11 6 0 -5.214850 0.333845 -0.081432  12 6 0 -3.832800 0.013306 0.144311  13 6 0 -3.540927 -0.881062 1.211734  14 6 0 -4.537624 -1.488147 1.937622  15 6 0 -5.895942 -1.238218 1.645569  16 6 0 -6.220611 -0.336484 0.664821  17 6 0 2.797211 0.045315 0.739221  18 6 0 3.803010 -0.536153 -0.099246  19 6 0 5.124872 -0.716135 0.425451  20 6 0 5.408802 -0.309404 1.754112  21 6 0 4.432824 0.258074 2.533304  22 6 0 3.128804 0.434881 2.021976  23 6 0 3.553145 -0.925620 -1.443091  24 6 0 4.545139 -1.477017 -2.217696  25 6 0 5.843104 -1.667696 -1.692716  26 6 0 6.123527 -1.292877 -0.402286  27 6 0 -1.478454 -2.081975 -0.583560  28 7 0 -1.023987 -3.224516 -0.267926  29 6 0 -1.770715 -4.394401 -0.683692  30 6 0 1.625220 2.718352 0.077207  31 7 0 1.109011 3.871831 -0.052016  32 6 0 1.986961 5.022715 0.006105  33 1 0 0.995288 -1.899686 0.261087  34 1 0 -0.943374 2.560427 -0.442492  35 1 0 -2.478882 2.286079 -2.004568  36 1 0 -4.840086 2.882605 -2.307867  37 1 0 -6.610584 1.584490 -1.156850  38 1 0 -2.512180 -1.070807 1.480313  39 1 0 -4.275913 -2.155478 2.751034  40 1 0 -6.673664 -1.735111 2.214370  41 1 0 -7.258891 -0.098862 0.457712  42 1 0 6.411616 -0.453797 2.142186  43 1 0 4.653003 0.568132 3.548584  44 1 0 2.364076 0.870517 2.655416  45 1 0 2.563165 -0.780175 -1.856102  46 1 0 4.332688 -1.766830 -3.240640  47 1 0 6.615868 -2.106612 -2.313760  48 1 0 7.119626 -1.430098 0.005691  49 1 0 -2.412684 -1.971146 -1.148621  50 1 0 -2.688529 -4.159272 -1.243109  51 1 0 2.702942 2.585543 0.234856  52 1 0 3.045049 4.766124 0.166076  53 1 0 -1.129019 -5.028939 -1.303349  54 1 0 -2.035946 -4.983699 0.199767  55 1 0 1.897049 5.590638 -0.925452  56 1 0 1.656702 5.686651 0.811288 |
| TM\_NP\_model\_scan\_m\_150\_p\_80 | 1 6 0 1.379514 0.111682 0.341495  2 6 0 0.545331 -0.984614 0.141067  3 6 0 -0.793743 -0.850968 -0.240608  4 6 0 -1.346319 0.442267 -0.431631  5 6 0 -0.495518 1.534478 -0.233385  6 6 0 0.850082 1.400579 0.121901  7 6 0 -2.802482 0.718488 -0.633580  8 6 0 -3.156463 1.817789 -1.401496  9 6 0 -4.496113 2.193495 -1.615199  10 6 0 -5.510143 1.488237 -1.020775  11 6 0 -5.213257 0.428382 -0.129040  12 6 0 -3.846278 0.062326 0.118457  13 6 0 -3.604826 -0.872863 1.163255  14 6 0 -4.635002 -1.474477 1.845670  15 6 0 -5.978541 -1.177704 1.530065  16 6 0 -6.254658 -0.236759 0.571559  17 6 0 2.788478 -0.115406 0.794672  18 6 0 3.806122 -0.510513 -0.131876  19 6 0 5.133349 -0.748482 0.353828  20 6 0 5.407823 -0.584998 1.735839  21 6 0 4.417027 -0.201296 2.603459  22 6 0 3.107382 0.033216 2.129072  23 6 0 3.557869 -0.666724 -1.522430  24 6 0 4.560424 -1.044674 -2.382759  25 6 0 5.866381 -1.286588 -1.900264  26 6 0 6.143248 -1.140040 -0.563561  27 6 0 -1.535770 -2.075402 -0.619974  28 7 0 -1.122330 -3.239233 -0.326267  29 6 0 -1.892970 -4.373930 -0.792989  30 6 0 1.686273 2.609777 0.270326  31 7 0 1.215974 3.781389 0.130268  32 6 0 2.120119 4.902870 0.282938  33 1 0 0.930727 -1.989635 0.262042  34 1 0 -0.875512 2.544027 -0.318169  35 1 0 -2.379635 2.361493 -1.925672  36 1 0 -4.715482 3.033909 -2.263798  37 1 0 -6.548005 1.750795 -1.196046  38 1 0 -2.588466 -1.099975 1.449413  39 1 0 -4.411336 -2.174025 2.643207  40 1 0 -6.783090 -1.670459 2.064084  41 1 0 -7.280747 0.036221 0.347917  42 1 0 6.415210 -0.768654 2.094490  43 1 0 4.630494 -0.079340 3.659387  44 1 0 2.332507 0.327997 2.827986  45 1 0 2.559784 -0.484983 -1.900912  46 1 0 4.349883 -1.158683 -3.440209  47 1 0 6.647791 -1.586447 -2.589449  48 1 0 7.144564 -1.321367 -0.186723  49 1 0 -2.452712 -1.921852 -1.203195  50 1 0 -2.788425 -4.095195 -1.368274  51 1 0 2.744966 2.438790 0.503289  52 1 0 3.156155 4.610048 0.510467  53 1 0 -1.254922 -5.010789 -1.414002  54 1 0 -2.198654 -4.978529 0.066775  55 1 0 2.113490 5.497631 -0.636083  56 1 0 1.751874 5.555050 1.081266 |
| TM\_NP\_model\_scan\_m\_150\_p\_90 | 1 6 0 1.364159 -0.019502 0.353109  2 6 0 0.499092 -1.074892 0.081598  3 6 0 -0.832825 -0.876242 -0.298751  4 6 0 -1.343867 0.442545 -0.411793  5 6 0 -0.461809 1.494000 -0.140688  6 6 0 0.875436 1.296501 0.214587  7 6 0 -2.789725 0.776521 -0.600367  8 6 0 -3.104887 1.931459 -1.300644  9 6 0 -4.430640 2.364203 -1.491666  10 6 0 -5.469100 1.658877 -0.941167  11 6 0 -5.210089 0.537258 -0.115580  12 6 0 -3.856792 0.110571 0.109235  13 6 0 -3.649667 -0.894754 1.094605  14 6 0 -4.701188 -1.501430 1.738914  15 6 0 -6.033145 -1.139965 1.442442  16 6 0 -6.274977 -0.133235 0.543352  17 6 0 2.764380 -0.317703 0.794827  18 6 0 3.822160 -0.472722 -0.157215  19 6 0 5.140491 -0.780556 0.313040  20 6 0 5.365714 -0.924259 1.706279  21 6 0 4.335648 -0.771296 2.598942  22 6 0 3.034559 -0.467574 2.139303  23 6 0 3.619350 -0.331404 -1.556497  24 6 0 4.659182 -0.485844 -2.441582  25 6 0 5.957989 -0.791038 -1.975902  26 6 0 6.189745 -0.934678 -0.630200  27 6 0 -1.609983 -2.050592 -0.757308  28 7 0 -1.236951 -3.243007 -0.531904  29 6 0 -2.039108 -4.321431 -1.073260  30 6 0 1.743737 2.464905 0.466522  31 7 0 1.322776 3.658641 0.361460  32 6 0 2.253244 4.736806 0.626904  33 1 0 0.853986 -2.096524 0.139310  34 1 0 -0.812093 2.517487 -0.160015  35 1 0 -2.308780 2.480347 -1.789530  36 1 0 -4.620153 3.249416 -2.087978  37 1 0 -6.497112 1.966802 -1.099842  38 1 0 -2.642379 -1.174040 1.366196  39 1 0 -4.503107 -2.255850 2.491975  40 1 0 -6.855116 -1.636557 1.945479  41 1 0 -7.290662 0.188012 0.337070  42 1 0 6.366794 -1.158492 2.052903  43 1 0 4.511563 -0.883512 3.662840  44 1 0 2.229435 -0.351817 2.856276  45 1 0 2.626114 -0.102200 -1.922235  46 1 0 4.483463 -0.375335 -3.505759  47 1 0 6.769179 -0.912151 -2.684994  48 1 0 7.184554 -1.169822 -0.266190  49 1 0 -2.516203 -1.831954 -1.336547  50 1 0 -2.916559 -3.978976 -1.641829  51 1 0 2.780678 2.242478 0.748942  52 1 0 3.264102 4.394749 0.895039  53 1 0 -1.414473 -4.942529 -1.723134  54 1 0 -2.376816 -4.964018 -0.253983  55 1 0 2.319055 5.380435 -0.256094  56 1 0 1.861246 5.357422 1.438988 |
| TM\_NP\_model\_scan\_m\_150\_p\_100 | 1 6 0 1.355750 -0.136705 0.367537  2 6 0 0.459785 -1.149363 0.038715  3 6 0 -0.864979 -0.891361 -0.331286  4 6 0 -1.337144 0.445700 -0.371166  5 6 0 -0.427587 1.453756 -0.032722  6 6 0 0.902078 1.198468 0.312819  7 6 0 -2.770850 0.832159 -0.550788  8 6 0 -3.045147 2.034786 -1.185084  9 6 0 -4.355876 2.515880 -1.363764  10 6 0 -5.420130 1.809101 -0.866880  11 6 0 -5.202358 0.634229 -0.106059  12 6 0 -3.864303 0.156833 0.107683  13 6 0 -3.697257 -0.909460 1.034941  14 6 0 -4.773230 -1.522810 1.630746  15 6 0 -6.090920 -1.107551 1.341069  16 6 0 -6.293593 -0.043369 0.500359  17 6 0 2.753495 -0.501713 0.761818  18 6 0 3.828328 -0.435828 -0.182447  19 6 0 5.145760 -0.812199 0.237093  20 6 0 5.353363 -1.245058 1.572084  21 6 0 4.306167 -1.308973 2.455461  22 6 0 3.005861 -0.937354 2.046260  23 6 0 3.641143 -0.019355 -1.528031  24 6 0 4.696232 0.030900 -2.407131  25 6 0 5.995661 -0.334552 -1.989506  26 6 0 6.211672 -0.747145 -0.697866  27 6 0 -1.672033 -2.014796 -0.860519  28 7 0 -1.336591 -3.228352 -0.697887  29 6 0 -2.163532 -4.251692 -1.304734  30 6 0 1.793569 2.324807 0.658994  31 7 0 1.415840 3.535294 0.586513  32 6 0 2.361438 4.568891 0.955678  33 1 0 0.786810 -2.181749 0.031548  34 1 0 -0.750803 2.485224 0.012660  35 1 0 -2.228061 2.588195 -1.632517  36 1 0 -4.513457 3.439568 -1.908802  37 1 0 -6.437245 2.154582 -1.018239  38 1 0 -2.701568 -1.232001 1.301536  39 1 0 -4.605632 -2.325244 2.340327  40 1 0 -6.932487 -1.609655 1.804684  41 1 0 -7.297371 0.317810 0.302050  42 1 0 6.354364 -1.527980 1.880505  43 1 0 4.468156 -1.643962 3.473763  44 1 0 2.188139 -0.990594 2.756223  45 1 0 2.647539 0.255387 -1.859424  46 1 0 4.531710 0.349792 -3.430252  47 1 0 6.819295 -0.290961 -2.693227  48 1 0 7.206196 -1.033620 -0.371771  49 1 0 -2.565010 -1.736788 -1.434703  50 1 0 -3.023883 -3.853721 -1.863290  51 1 0 2.805937 2.056743 0.987283  52 1 0 3.344411 4.181615 1.262935  53 1 0 -1.549641 -4.855719 -1.980433  54 1 0 -2.529643 -4.926736 -0.524675  55 1 0 2.497143 5.250585 0.110049  56 1 0 1.942176 5.163281 1.773763 |
| TM\_NP\_model\_scan\_m\_150\_p\_110 | 1 6 0 1.343432 -0.246509 0.317419  2 6 0 0.418098 -1.215750 -0.060071  3 6 0 -0.902079 -0.904489 -0.404291  4 6 0 -1.339067 0.444231 -0.371080  5 6 0 -0.401776 1.408383 0.017333  6 6 0 0.921419 1.100956 0.343057  7 6 0 -2.763022 0.877629 -0.516947  8 6 0 -3.009202 2.118354 -1.085991  9 6 0 -4.307270 2.644855 -1.224474  10 6 0 -5.386083 1.944316 -0.750608  11 6 0 -5.194250 0.726537 -0.052918  12 6 0 -3.868521 0.200362 0.119092  13 6 0 -3.722570 -0.916600 0.988430  14 6 0 -4.809331 -1.527780 1.566635  15 6 0 -6.117337 -1.059816 1.316107  16 6 0 -6.298053 0.051060 0.532782  17 6 0 2.732054 -0.672274 0.675432  18 6 0 3.845223 -0.401074 -0.186178  19 6 0 5.151228 -0.840064 0.208612  20 6 0 5.310336 -1.543767 1.430105  21 6 0 4.226668 -1.811566 2.226776  22 6 0 2.938682 -1.375867 1.844926  23 6 0 3.709022 0.272627 -1.430003  24 6 0 4.800978 0.516944 -2.227932  25 6 0 6.089723 0.097963 -1.828321  26 6 0 6.256591 -0.567340 -0.639073  27 6 0 -1.742960 -1.977422 -0.983266  28 7 0 -1.438722 -3.206103 -0.886293  29 6 0 -2.298755 -4.175038 -1.534971  30 6 0 1.830902 2.182941 0.775186  31 7 0 1.497531 3.407540 0.727185  32 6 0 2.452508 4.393287 1.191361  33 1 0 0.719123 -2.253586 -0.130391  34 1 0 -0.699651 2.442818 0.125204  35 1 0 -2.180892 2.670529 -1.513804  36 1 0 -4.443931 3.599181 -1.720126  37 1 0 -6.394344 2.325869 -0.871532  38 1 0 -2.733923 -1.281230 1.225193  39 1 0 -4.657534 -2.370033 2.232265  40 1 0 -6.967939 -1.559947 1.765141  41 1 0 -7.292888 0.450928 0.366172  42 1 0 6.303459 -1.871137 1.719398  43 1 0 4.350827 -2.355216 3.156485  44 1 0 2.092722 -1.585725 2.489694  45 1 0 2.725082 0.590217 -1.751177  46 1 0 4.673307 1.030920 -3.174005  47 1 0 6.943121 0.297626 -2.466510  48 1 0 7.241780 -0.900762 -0.329688  49 1 0 -2.633397 -1.646802 -1.533060  50 1 0 -3.154791 -3.726746 -2.061096  51 1 0 2.813257 1.868694 1.149515  52 1 0 3.401283 3.960738 1.542441  53 1 0 -1.708637 -4.758599 -2.248780  54 1 0 -2.673467 -4.880333 -0.786362  55 1 0 2.662585 5.099229 0.381589  56 1 0 2.003657 4.972767 2.004427 |
| TM\_NP\_model\_scan\_m\_150\_p\_120 | 1 6 0 -1.337668 -0.305437 -0.312722  2 6 0 -0.394622 -1.251365 0.083487  3 6 0 0.921297 -0.913671 0.417005  4 6 0 1.336958 0.440758 0.358777  5 6 0 0.384295 1.381660 -0.049470  6 6 0 -0.934042 1.047814 -0.367943  7 6 0 2.753307 0.899818 0.497034  8 6 0 2.978755 2.154856 1.042817  9 6 0 4.268097 2.704379 1.173125  10 6 0 5.358699 2.012086 0.714327  11 6 0 5.187446 0.778329 0.039698  12 6 0 3.870528 0.228062 -0.124233  13 6 0 3.743645 -0.907467 -0.972164  14 6 0 4.840923 -1.512394 -1.536962  15 6 0 6.140934 -1.019069 -1.293557  16 6 0 6.302786 0.109267 -0.531343  17 6 0 -2.726200 -0.762820 -0.621039  18 6 0 -3.851530 -0.365020 0.175999  19 6 0 -5.153152 -0.858271 -0.167297  20 6 0 -5.297274 -1.746296 -1.263767  21 6 0 -4.201309 -2.146574 -1.984506  22 6 0 -2.918577 -1.658426 -1.655489  23 6 0 -3.732934 0.472284 1.318544  24 6 0 -4.835916 0.828483 2.056989  25 6 0 -6.121182 0.365813 1.697000  26 6 0 -6.271341 -0.462047 0.612615  27 6 0 1.778427 -1.962024 1.017063  28 7 0 1.492731 -3.196856 0.945085  29 6 0 2.367361 -4.139055 1.613436  30 6 0 -1.846795 2.105881 -0.851588  31 7 0 -1.546984 3.338412 -0.790503  32 6 0 -2.495573 4.298133 -1.318291  33 1 0 -0.681177 -2.290646 0.184577  34 1 0 0.667303 2.417318 -0.182235  35 1 0 2.141051 2.701603 1.459110  36 1 0 4.388816 3.669972 1.650763  37 1 0 6.360600 2.411728 0.829580  38 1 0 2.761200 -1.291942 -1.203347  39 1 0 4.703647 -2.369559 -2.186511  40 1 0 7.000101 -1.514202 -1.731688  41 1 0 7.290926 0.527831 -0.370913  42 1 0 -6.287765 -2.111190 -1.514440  43 1 0 -4.312036 -2.835238 -2.814443  44 1 0 -2.063917 -1.973458 -2.243452  45 1 0 -2.753685 0.824818 1.615306  46 1 0 -4.718836 1.464726 2.927043  47 1 0 -6.983739 0.657491 2.285543  48 1 0 -7.252477 -0.835472 0.338098  49 1 0 2.663796 -1.607212 1.559891  50 1 0 3.217107 -3.666965 2.128770  51 1 0 -2.797142 1.766044 -1.281979  52 1 0 -3.410365 3.840753 -1.723808  53 1 0 1.786466 -4.715645 2.340368  54 1 0 2.751753 -4.854773 0.879783  55 1 0 -2.771812 5.002435 -0.527230  56 1 0 -2.012103 4.884570 -2.106144 |
| TM\_NP\_model\_scan\_m\_150\_p\_130 | 1 6 0 -1.332770 -0.347558 -0.307328  2 6 0 -0.375358 -1.278403 0.095615  3 6 0 0.937306 -0.925023 0.422455  4 6 0 1.336953 0.433945 0.360684  5 6 0 0.372004 1.360965 -0.050033  6 6 0 -0.942293 1.010571 -0.367144  7 6 0 2.747470 0.910696 0.494912  8 6 0 2.958541 2.169575 1.037623  9 6 0 4.241303 2.735134 1.163998  10 6 0 5.339359 2.055386 0.704155  11 6 0 5.181961 0.818033 0.032693  12 6 0 3.871628 0.251061 -0.126914  13 6 0 3.756900 -0.888151 -0.971580  14 6 0 4.860311 -1.480885 -1.537402  15 6 0 6.154595 -0.970639 -1.298510  16 6 0 6.304173 0.161520 -0.539442  17 6 0 -2.721789 -0.826875 -0.570887  18 6 0 -3.860571 -0.334724 0.155599  19 6 0 -5.156691 -0.872459 -0.142168  20 6 0 -5.283710 -1.904126 -1.106550  21 6 0 -4.174525 -2.406781 -1.736978  22 6 0 -2.899425 -1.873227 -1.458290  23 6 0 -3.764561 0.627346 1.198392  24 6 0 -4.880698 1.067324 1.868822  25 6 0 -6.160681 0.570093 1.538318  26 6 0 -6.289869 -0.382682 0.559340  27 6 0 1.807469 -1.961588 1.024560  28 7 0 1.535900 -3.199850 0.957016  29 6 0 2.422712 -4.129645 1.626850  30 6 0 -1.850962 2.054805 -0.889140  31 7 0 -1.577445 3.292203 -0.808726  32 6 0 -2.513376 4.236400 -1.385087  33 1 0 -0.650263 -2.318850 0.213360  34 1 0 0.643147 2.398718 -0.190561  35 1 0 2.114921 2.706819 1.454377  36 1 0 4.351185 3.703150 1.639335  37 1 0 6.336486 2.467681 0.816203  38 1 0 2.778797 -1.285399 -1.199541  39 1 0 4.732193 -2.341365 -2.184434  40 1 0 7.018829 -1.456012 -1.737596  41 1 0 7.287404 0.592764 -0.382468  42 1 0 -6.270639 -2.299510 -1.322571  43 1 0 -4.269515 -3.210236 -2.458558  44 1 0 -2.036546 -2.266901 -1.983315  45 1 0 -2.792171 1.008921 1.479350  46 1 0 -4.776940 1.796488 2.664497  47 1 0 -7.034094 0.930756 2.069790  48 1 0 -7.265255 -0.789563 0.313431  49 1 0 2.689789 -1.594988 1.564497  50 1 0 3.268216 -3.645964 2.138317  51 1 0 -2.770570 1.699221 -1.370484  52 1 0 -3.397209 3.764075 -1.839149  53 1 0 1.850086 -4.709952 2.357366  54 1 0 2.813439 -4.843734 0.894955  55 1 0 -2.843696 4.933846 -0.608834  56 1 0 -1.999219 4.833043 -2.145387 |
| TM\_NP\_model\_scan\_m\_150\_p\_140 | 1 6 0 -1.331612 -0.381001 -0.322149  2 6 0 -0.361466 -1.303279 0.076461  3 6 0 0.948354 -0.942117 0.402768  4 6 0 1.334975 0.421178 0.358716  5 6 0 0.360864 1.341198 -0.045158  6 6 0 -0.949370 0.981452 -0.368283  7 6 0 2.739323 0.911711 0.502879  8 6 0 2.934362 2.166349 1.061279  9 6 0 4.210412 2.743971 1.200122  10 6 0 5.317706 2.081432 0.737221  11 6 0 5.176553 0.850543 0.050399  12 6 0 3.873094 0.271518 -0.121659  13 6 0 3.774030 -0.858716 -0.980194  14 6 0 4.886154 -1.433067 -1.547952  15 6 0 6.173867 -0.911925 -1.297385  16 6 0 6.308134 0.212790 -0.524486  17 6 0 -2.724569 -0.873485 -0.534891  18 6 0 -3.867946 -0.309269 0.135349  19 6 0 -5.163409 -0.877082 -0.109478  20 6 0 -5.286384 -2.017307 -0.942125  21 6 0 -4.171850 -2.600015 -1.488509  22 6 0 -2.900262 -2.034681 -1.269733  23 6 0 -3.781730 0.743336 1.088312  24 6 0 -4.902825 1.250122 1.700771  25 6 0 -6.182324 0.732861 1.402212  26 6 0 -6.303002 -0.313559 0.523551  27 6 0 1.827434 -1.978095 0.993337  28 7 0 1.568061 -3.217877 0.908369  29 6 0 2.462452 -4.148319 1.567225  30 6 0 -1.847646 2.020663 -0.920259  31 7 0 -1.590233 3.260142 -0.823343  32 6 0 -2.508533 4.197534 -1.438039  33 1 0 -0.625664 -2.345616 0.198570  34 1 0 0.622256 2.382229 -0.179414  35 1 0 2.083111 2.689408 1.480580  36 1 0 4.307891 3.707313 1.687501  37 1 0 6.309857 2.502944 0.858755  38 1 0 2.801184 -1.263545 -1.217360  39 1 0 4.770010 -2.287133 -2.205650  40 1 0 7.045106 -1.382861 -1.738344  41 1 0 7.286026 0.652580 -0.358179  42 1 0 -6.272875 -2.433052 -1.117933  43 1 0 -4.260424 -3.490613 -2.100195  44 1 0 -2.036833 -2.491886 -1.739164  45 1 0 -2.812681 1.142392 1.353238  46 1 0 -4.801863 2.047579 2.428363  47 1 0 -7.060172 1.148543 1.883797  48 1 0 -7.276298 -0.743186 0.310286  49 1 0 2.705199 -1.610245 1.539706  50 1 0 3.302725 -3.663723 2.086341  51 1 0 -2.741289 1.657908 -1.443510  52 1 0 -3.365586 3.718311 -1.934192  53 1 0 1.894199 -4.743448 2.289172  54 1 0 2.860804 -4.848983 0.826526  55 1 0 -2.881676 4.887520 -0.674599  56 1 0 -1.966501 4.803251 -2.171288 |
| TM\_NP\_model\_scan\_m\_150\_p\_150 | 1 6 0 -1.332113 -0.405925 -0.355365  2 6 0 -0.350865 -1.324206 0.032934  3 6 0 0.955318 -0.960595 0.367614  4 6 0 1.332105 0.405943 0.355296  5 6 0 0.350856 1.324230 -0.033004  6 6 0 -0.955327 0.960621 -0.367660  7 6 0 2.730795 0.905407 0.516994  8 6 0 2.911741 2.149407 1.103412  9 6 0 4.181978 2.734480 1.262245  10 6 0 5.297679 2.090859 0.792701  11 6 0 5.171315 0.873148 0.080017  12 6 0 3.873836 0.287242 -0.112629  13 6 0 3.789761 -0.826559 -0.993973  14 6 0 4.910457 -1.381028 -1.564637  15 6 0 6.192129 -0.854658 -1.294786  16 6 0 6.311949 0.255877 -0.499323  17 6 0 -2.730794 -0.905406 -0.517066  18 6 0 -3.873830 -0.287266 0.112574  19 6 0 -5.171309 -0.873187 -0.080049  20 6 0 -5.297669 -2.090885 -0.792737  21 6 0 -4.181959 -2.734490 -1.262306  22 6 0 -2.911733 -2.149418 -1.103482  23 6 0 -3.789748 0.826511 0.993961  24 6 0 -4.910431 1.380962 1.564651  25 6 0 -6.192111 0.854590 1.294805  26 6 0 -6.311939 -0.255927 0.499327  27 6 0 1.838547 -2.002074 0.942748  28 7 0 1.587317 -3.241671 0.834319  29 6 0 2.484204 -4.178371 1.480901  30 6 0 -1.838563 2.002142 -0.942734  31 7 0 -1.587347 3.241728 -0.834188  32 6 0 -2.484244 4.178488 -1.480679  33 1 0 -0.603599 -2.369455 0.149691  34 1 0 0.603596 2.369477 -0.149751  35 1 0 2.053428 2.656420 1.527986  36 1 0 4.268469 3.688180 1.770222  37 1 0 6.285452 2.517984 0.929370  38 1 0 2.821917 -1.234399 -1.246172  39 1 0 4.805844 -2.223062 -2.239556  40 1 0 7.070201 -1.310060 -1.738496  41 1 0 7.285088 0.700054 -0.317547  42 1 0 -6.285428 -2.518044 -0.929397  43 1 0 -4.268463 -3.688184 -1.770295  44 1 0 -2.053409 -2.656424 -1.528045  45 1 0 -2.821896 1.234327 1.246166  46 1 0 -4.805821 2.222974 2.239599  47 1 0 -7.070177 1.309982 1.738537  48 1 0 -7.285079 -0.700107 0.317562  49 1 0 2.711639 -1.638762 1.499437  50 1 0 3.319857 -3.698105 2.011354  51 1 0 -2.711643 1.638866 -1.499470  52 1 0 -3.319854 3.698259 -2.011233  53 1 0 1.916438 -4.788352 2.190741  54 1 0 2.889129 -4.864445 0.730214  55 1 0 -2.889231 4.864435 -0.729909  56 1 0 -1.916464 4.788587 -2.190402 |
| TM\_NP\_model\_scan\_m\_150\_p\_160 | 1 6 0 -1.334028 0.431300 0.380150  2 6 0 -0.339262 1.345494 0.008350  3 6 0 0.964152 0.981153 -0.332954  4 6 0 1.330973 -0.387622 -0.358346  5 6 0 0.341517 -1.304536 0.009178  6 6 0 -0.960850 -0.938387 0.355438  7 6 0 2.723932 -0.895499 -0.537062  8 6 0 2.891363 -2.125225 -1.156836  9 6 0 4.155689 -2.717134 -1.335689  10 6 0 5.278907 -2.095694 -0.854133  11 6 0 5.166296 -0.895546 -0.110068  12 6 0 3.874848 -0.303526 0.103048  13 6 0 3.804071 0.788433 1.012499  14 6 0 4.932000 1.318951 1.591615  15 6 0 6.207889 0.788560 1.302828  16 6 0 6.314706 -0.302769 0.479410  17 6 0 -2.737377 0.939342 0.491409  18 6 0 -3.882978 0.270987 -0.089392  19 6 0 -5.183269 0.864963 0.063636  20 6 0 -5.311393 2.145988 0.653057  21 6 0 -4.192554 2.842776 1.028594  22 6 0 -2.923043 2.246585 0.922438  23 6 0 -3.803866 -0.892484 -0.904965  24 6 0 -4.926310 -1.491828 -1.424995  25 6 0 -6.210004 -0.965667 -1.166826  26 6 0 -6.327119 0.197178 -0.450243  27 6 0 1.853394 2.031060 -0.883701  28 7 0 1.609104 3.269207 -0.746731  29 6 0 2.511012 4.215765 -1.371729  30 6 0 -1.826411 -1.985331 0.951601  31 7 0 -1.578084 -3.224285 0.831914  32 6 0 -2.450921 -4.163217 1.507560  33 1 0 -0.577060 2.394433 -0.098428  34 1 0 0.584829 -2.354087 0.105420  35 1 0 2.026740 -2.613466 -1.590548  36 1 0 4.231886 -3.658083 -1.868483  37 1 0 6.262256 -2.527924 -1.005831  38 1 0 2.840868 1.198061 1.279340  39 1 0 4.837654 2.144704 2.287829  40 1 0 7.091775 1.225258 1.753734  41 1 0 7.283182 -0.750526 0.282197  42 1 0 -6.300421 2.578559 0.759788  43 1 0 -4.275300 3.847507 1.426910  44 1 0 -2.070712 2.801564 1.294546  45 1 0 -2.837656 -1.301574 -1.157723  46 1 0 -4.820053 -2.369014 -2.053283  47 1 0 -7.089973 -1.458387 -1.564421  48 1 0 -7.300392 0.649018 -0.289256  49 1 0 2.724558 1.675912 -1.448447  50 1 0 3.345494 3.743370 -1.910990  51 1 0 -2.679364 -1.624167 1.540122  52 1 0 -3.264972 -3.684554 2.071959  53 1 0 1.947000 4.842946 -2.069479  54 1 0 2.917554 4.884052 -0.606060  55 1 0 -2.885651 -4.844788 0.769484  56 1 0 -1.857566 -4.777686 2.192104 |
| TM\_NP\_model\_scan\_m\_160\_m\_0 | 1 6 0 1.466527 0.564909 0.042443  2 6 0 0.710434 -0.565306 -0.314047  3 6 0 -0.668694 -0.570232 -0.533824  4 6 0 -1.399661 0.641884 -0.495916  5 6 0 -0.647039 1.786775 -0.201901  6 6 0 0.727635 1.787383 0.029662  7 6 0 -2.889689 0.758038 -0.478284  8 6 0 -3.452709 1.968763 -0.862055  9 6 0 -4.839453 2.202278 -0.852284  10 6 0 -5.696230 1.230313 -0.404984  11 6 0 -5.182456 0.028110 0.138503  12 6 0 -3.762950 -0.197118 0.170919  13 6 0 -3.308509 -1.303462 0.941770  14 6 0 -4.183169 -2.184322 1.532387  15 6 0 -5.577577 -2.017660 1.394526  16 6 0 -6.059927 -0.923879 0.723371  17 6 0 2.951536 0.482215 -0.129619  18 6 0 3.705000 -0.724688 0.176220  19 6 0 5.118734 -0.744851 -0.081060  20 6 0 5.786558 0.444744 -0.464345  21 6 0 5.092008 1.620892 -0.543589  22 6 0 3.696989 1.634122 -0.347765  23 6 0 3.161937 -1.881274 0.803832  24 6 0 3.917656 -3.006786 1.037686  25 6 0 5.275301 -3.055524 0.662479  26 6 0 5.861835 -1.935795 0.131081  27 6 0 -1.259320 -1.811706 -1.090676  28 7 0 -0.681606 -2.938312 -1.001669  29 6 0 -1.307987 -4.079577 -1.638361  30 6 0 1.283874 3.064179 0.544705  31 7 0 0.810806 4.196999 0.219965  32 6 0 1.358529 5.374305 0.864913  33 1 0 1.202734 -1.499642 -0.530478  34 1 0 -1.141666 2.738725 -0.074487  35 1 0 -2.814408 2.732867 -1.288128  36 1 0 -5.220777 3.148461 -1.218794  37 1 0 -6.770089 1.382713 -0.421028  38 1 0 -2.250507 -1.443475 1.101441  39 1 0 -3.794868 -3.006439 2.123006  40 1 0 -6.257979 -2.729831 1.847376  41 1 0 -7.128265 -0.747498 0.653936  42 1 0 6.854362 0.411492 -0.652306  43 1 0 5.599145 2.547868 -0.785622  44 1 0 3.189224 2.566186 -0.546094  45 1 0 2.139078 -1.876976 1.146896  46 1 0 3.462356 -3.859971 1.527700  47 1 0 5.855381 -3.956098 0.828687  48 1 0 6.920000 -1.929147 -0.108847  49 1 0 -2.213454 -1.694408 -1.620483  50 1 0 -2.257803 -3.841321 -2.139740  51 1 0 2.094127 2.971138 1.280912  52 1 0 2.166490 5.153826 1.579242  53 1 0 -0.616492 -4.506422 -2.371724  54 1 0 -1.488909 -4.855720 -0.887991  55 1 0 1.736182 6.061693 0.101469  56 1 0 0.556642 5.900782 1.392259 |
| TM\_NP\_model\_scan\_m\_160\_m\_10 | 1 6 0 -1.465065 0.535057 0.041972  2 6 0 -0.696968 -0.583531 0.401232  3 6 0 0.685415 -0.563905 0.596298  4 6 0 1.400095 0.656862 0.504732  5 6 0 0.631983 1.785781 0.190444  6 6 0 -0.748427 1.765267 -0.007720  7 6 0 2.888833 0.786233 0.450731  8 6 0 3.447958 2.013447 0.784379  9 6 0 4.831685 2.259956 0.735860  10 6 0 5.688258 1.282892 0.299570  11 6 0 5.174722 0.059813 -0.195444  12 6 0 3.757133 -0.179404 -0.189609  13 6 0 3.297131 -1.312212 -0.917685  14 6 0 4.167365 -2.202295 -1.500923  15 6 0 5.562740 -2.019161 -1.398112  16 6 0 6.048648 -0.901369 -0.770539  17 6 0 -2.947308 0.443124 0.202298  18 6 0 -3.696573 -0.734416 -0.193617  19 6 0 -5.114254 -0.765806 0.034840  20 6 0 -5.778406 0.389095 0.518372  21 6 0 -5.076449 1.544694 0.733167  22 6 0 -3.679735 1.569789 0.550753  23 6 0 -3.133205 -1.851231 -0.871933  24 6 0 -3.885593 -2.953840 -1.203178  25 6 0 -5.257149 -3.014150 -0.881453  26 6 0 -5.856016 -1.932367 -0.288273  27 6 0 1.304952 -1.780119 1.177004  28 7 0 0.740039 -2.915963 1.137201  29 6 0 1.396765 -4.028293 1.794293  30 6 0 -1.352191 3.016951 -0.526956  31 7 0 -0.860009 4.162712 -0.286135  32 6 0 -1.470169 5.313644 -0.922171  33 1 0 -1.181163 -1.520071 0.633146  34 1 0 1.114611 2.737394 0.020607  35 1 0 2.811508 2.784185 1.201204  36 1 0 5.211250 3.220714 1.064314  37 1 0 6.760610 1.445862 0.286934  38 1 0 2.237401 -1.466109 -1.050833  39 1 0 3.774443 -3.044876 -2.058738  40 1 0 6.240181 -2.738461 -1.844084  41 1 0 7.116470 -0.713297 -0.729531  42 1 0 -6.849494 0.347863 0.685130  43 1 0 -5.581590 2.443330 1.068464  44 1 0 -3.158935 2.472900 0.836420  45 1 0 -2.095031 -1.830917 -1.167059  46 1 0 -3.418170 -3.780013 -1.726939  47 1 0 -5.836101 -3.896367 -1.129945  48 1 0 -6.920268 -1.939195 -0.077017  49 1 0 2.269425 -1.634446 1.680382  50 1 0 2.354850 -3.761737 2.264769  51 1 0 -2.224634 2.893688 -1.182627  52 1 0 -2.337135 5.064682 -1.552996  53 1 0 0.728713 -4.440273 2.557303  54 1 0 1.570346 -4.825699 1.064793  55 1 0 -1.782847 6.027517 -0.153621  56 1 0 -0.721699 5.823040 -1.537532 |
| TM\_NP\_model\_scan\_m\_160\_m\_20 | 1 6 0 -1.463398 0.506158 0.123073  2 6 0 -0.682773 -0.600142 0.484210  3 6 0 0.702317 -0.556462 0.654410  4 6 0 1.399386 0.670881 0.510033  5 6 0 0.614735 1.782836 0.177030  6 6 0 -0.770249 1.741854 0.012377  7 6 0 2.885916 0.813732 0.420611  8 6 0 3.438244 2.056415 0.704403  9 6 0 4.817669 2.316495 0.617723  10 6 0 5.675849 1.335906 0.192844  11 6 0 5.165689 0.092744 -0.253256  12 6 0 3.751324 -0.161279 -0.209428  13 6 0 3.289066 -1.320818 -0.892778  14 6 0 4.156721 -2.219152 -1.467057  15 6 0 5.551816 -2.018218 -1.399635  16 6 0 6.038080 -0.876438 -0.817201  17 6 0 -2.944626 0.403034 0.263146  18 6 0 -3.685664 -0.743312 -0.215259  19 6 0 -5.105608 -0.788617 -0.008819  20 6 0 -5.770034 0.321912 0.569617  21 6 0 -5.066529 1.448368 0.905302  22 6 0 -3.668690 1.489026 0.732583  23 6 0 -3.102319 -1.815653 -0.945323  24 6 0 -3.847932 -2.891115 -1.367342  25 6 0 -5.229143 -2.963597 -1.089476  26 6 0 -5.841457 -1.925704 -0.434265  27 6 0 1.350610 -1.746287 1.257923  28 7 0 0.798148 -2.888820 1.271434  29 6 0 1.485165 -3.970666 1.948125  30 6 0 -1.419263 2.971422 -0.501292  31 7 0 -0.917355 4.126058 -0.332931  32 6 0 -1.585052 5.255497 -0.949121  33 1 0 -1.157212 -1.539396 0.730422  34 1 0 1.084066 2.733220 -0.032672  35 1 0 2.802243 2.832716 1.111477  36 1 0 5.192991 3.291076 0.908126  37 1 0 6.745752 1.509920 0.151846  38 1 0 2.228594 -1.490018 -0.998545  39 1 0 3.761603 -3.082537 -1.990442  40 1 0 6.227826 -2.743787 -1.837552  41 1 0 7.104353 -0.675894 -0.804598  42 1 0 -6.843106 0.270705 0.720319  43 1 0 -5.573297 2.309788 1.325230  44 1 0 -3.140007 2.362358 1.090969  45 1 0 -2.053227 -1.779258 -1.199826  46 1 0 -3.369118 -3.686608 -1.927096  47 1 0 -5.803724 -3.823597 -1.414359  48 1 0 -6.909880 -1.947315 -0.246311  49 1 0 2.325928 -1.573342 1.730763  50 1 0 2.452311 -3.677645 2.382997  51 1 0 -2.340985 2.825177 -1.079551  52 1 0 -2.498232 4.984566 -1.500545  53 1 0 0.842573 -4.362979 2.742738  54 1 0 1.648308 -4.791089 1.242137  55 1 0 -1.840143 5.988836 -0.177587  56 1 0 -0.892259 5.751537 -1.636411 |
| TM\_NP\_model\_scan\_m\_160\_m\_30 | 1 6 0 -1.462313 0.479639 0.201348  2 6 0 -0.669081 -0.614458 0.563181  3 6 0 0.718226 -0.548606 0.708007  4 6 0 1.397243 0.683224 0.514133  5 6 0 0.596038 1.777981 0.164226  6 6 0 -0.792347 1.718088 0.032250  7 6 0 2.880885 0.839021 0.391770  8 6 0 3.424139 2.095445 0.628389  9 6 0 4.798374 2.368722 0.506318  10 6 0 5.659660 1.386083 0.092792  11 6 0 5.155503 0.124809 -0.306852  12 6 0 3.745328 -0.143767 -0.227416  13 6 0 3.283837 -1.328206 -0.867305  14 6 0 4.150669 -2.233237 -1.432150  15 6 0 5.544327 -2.014649 -1.398333  16 6 0 6.028157 -0.850703 -0.859388  17 6 0 -2.943164 0.362960 0.320094  18 6 0 -3.673499 -0.747395 -0.240319  19 6 0 -5.093976 -0.812250 -0.047422  20 6 0 -5.761062 0.241021 0.627522  21 6 0 -5.060106 1.330020 1.076120  22 6 0 -3.662143 1.391524 0.908017  23 6 0 -3.071717 -1.765926 -1.029313  24 6 0 -3.808161 -2.809268 -1.538156  25 6 0 -5.195173 -2.898237 -1.292598  26 6 0 -5.820862 -1.913802 -0.570364  27 6 0 1.393874 -1.713018 1.330689  28 7 0 0.854812 -2.860331 1.392270  29 6 0 1.569709 -3.913705 2.084625  30 6 0 -1.482954 2.927789 -0.471095  31 7 0 -0.975258 4.088140 -0.372993  32 6 0 -1.695162 5.198718 -0.963827  33 1 0 -1.132987 -1.556340 0.823117  34 1 0 1.051504 2.726352 -0.082279  35 1 0 2.787185 2.876025 1.025628  36 1 0 5.167555 3.355629 0.760746  37 1 0 6.726423 1.570848 0.025459  38 1 0 2.223631 -1.512858 -0.946409  39 1 0 3.755639 -3.116123 -1.921994  40 1 0 6.220294 -2.745211 -1.827936  41 1 0 7.092038 -0.637901 -0.873566  42 1 0 -6.834778 0.175753 0.768149  43 1 0 -5.570406 2.144084 1.578254  44 1 0 -3.128678 2.232330 1.333309  45 1 0 -2.015494 -1.711024 -1.251722  46 1 0 -3.319100 -3.566819 -2.140113  47 1 0 -5.763103 -3.731762 -1.690112  48 1 0 -6.891545 -1.953461 -0.398853  49 1 0 2.377826 -1.515184 1.774937  50 1 0 2.542978 -3.597355 2.488388  51 1 0 -2.446295 2.763302 -0.970572  52 1 0 -2.646262 4.910028 -1.436444  53 1 0 0.949858 -4.289169 2.905036  54 1 0 1.726312 -4.753074 1.399724  55 1 0 -1.894921 5.949974 -0.193176  56 1 0 -1.060064 5.680400 -1.714174 |
| TM\_NP\_model\_scan\_m\_160\_m\_40 | 1 6 0 -1.462127 0.457038 0.285391  2 6 0 -0.655929 -0.624327 0.648698  3 6 0 0.733202 -0.538454 0.766221  4 6 0 1.394037 0.695698 0.524683  5 6 0 0.576159 1.773327 0.160792  6 6 0 -0.814598 1.695813 0.061136  7 6 0 2.873860 0.862661 0.367600  8 6 0 3.408128 2.130540 0.558635  9 6 0 4.776277 2.415234 0.399322  10 6 0 5.639410 1.431258 -0.006943  11 6 0 5.140792 0.154582 -0.362114  12 6 0 3.735731 -0.126851 -0.244457  13 6 0 3.274015 -1.333002 -0.842330  14 6 0 4.138452 -2.243417 -1.402100  15 6 0 5.529927 -2.008997 -1.405016  16 6 0 6.012139 -0.825944 -0.907819  17 6 0 -2.943145 0.322117 0.380791  18 6 0 -3.656813 -0.746043 -0.267479  19 6 0 -5.077050 -0.840156 -0.088471  20 6 0 -5.753397 0.138755 0.682808  21 6 0 -5.062028 1.182027 1.242682  22 6 0 -3.664468 1.273761 1.081729  23 6 0 -3.032973 -1.696530 -1.121146  24 6 0 -3.754346 -2.701409 -1.720278  25 6 0 -5.145027 -2.815354 -1.504359  26 6 0 -5.788473 -1.899037 -0.711151  27 6 0 1.435731 -1.678816 1.403388  28 7 0 0.911315 -2.829849 1.507117  29 6 0 1.653266 -3.857180 2.209878  30 6 0 -1.543509 2.886935 -0.429356  31 7 0 -1.031913 4.049606 -0.408224  32 6 0 -1.801048 5.142702 -0.968340  33 1 0 -1.108486 -1.568323 0.923223  34 1 0 1.017090 2.719095 -0.120175  35 1 0 2.771128 2.914623 0.948797  36 1 0 5.139635 3.412510 0.619387  37 1 0 6.702347 1.625439 -0.102407  38 1 0 2.214574 -1.531590 -0.892415  39 1 0 3.742793 -3.143307 -1.859426  40 1 0 6.204620 -2.743452 -1.829966  41 1 0 7.073001 -0.602248 -0.950988  42 1 0 -6.827015 0.052488 0.812800  43 1 0 -5.580630 1.935627 1.824417  44 1 0 -3.133883 2.079282 1.575207  45 1 0 -1.971729 -1.618427 -1.313610  46 1 0 -3.251822 -3.409405 -2.369617  47 1 0 -5.701439 -3.617164 -1.976468  48 1 0 -6.860391 -1.963089 -0.555354  49 1 0 2.426780 -1.458261 1.820328  50 1 0 2.630332 -3.519528 2.586293  51 1 0 -2.544339 2.707736 -0.841676  52 1 0 -2.786432 4.840299 -1.354087  53 1 0 1.054640 -4.220270 3.051347  54 1 0 1.806753 -4.710901 1.542189  55 1 0 -1.940091 5.914073 -0.204199  56 1 0 -1.230414 5.604910 -1.780216 |
| TM\_NP\_model\_scan\_m\_160\_m\_50 | 1 6 0 -1.462275 0.430136 0.375565  2 6 0 -0.639419 -0.636158 0.739363  3 6 0 0.750705 -0.528410 0.827940  4 6 0 1.389697 0.707836 0.539888  5 6 0 0.551866 1.767298 0.168729  6 6 0 -0.840242 1.670069 0.103992  7 6 0 2.863987 0.887024 0.344121  8 6 0 3.387754 2.165033 0.490530  9 6 0 4.748119 2.461247 0.290275  10 6 0 5.612635 1.477360 -0.113093  11 6 0 5.120692 0.186655 -0.424095  12 6 0 3.722354 -0.107722 -0.264493  13 6 0 3.260849 -1.334038 -0.820133  14 6 0 4.122207 -2.248505 -1.377994  15 6 0 5.510219 -1.998259 -1.421551  16 6 0 5.990110 -0.797402 -0.966537  17 6 0 -2.942781 0.268381 0.454210  18 6 0 -3.635576 -0.740269 -0.297522  19 6 0 -5.054260 -0.873936 -0.135851  20 6 0 -5.744306 0.002555 0.739561  21 6 0 -5.067655 0.982655 1.419736  22 6 0 -3.671469 1.115426 1.269688  23 6 0 -2.986980 -1.595640 -1.229327  24 6 0 -3.688573 -2.545254 -1.932646  25 6 0 -5.080899 -2.693778 -1.747273  26 6 0 -5.745281 -1.872108 -0.871599  27 6 0 1.483004 -1.642636 1.477539  28 7 0 0.976286 -2.796836 1.624836  29 6 0 1.748098 -3.795353 2.336789  30 6 0 -1.607938 2.842664 -0.369054  31 7 0 -1.099682 4.005620 -0.425934  32 6 0 -1.915936 5.081789 -0.950390  33 1 0 -1.076972 -1.583075 1.029513  34 1 0 0.974575 2.711785 -0.143289  35 1 0 2.751100 2.951327 0.876742  36 1 0 5.104785 3.467779 0.476545  37 1 0 6.670514 1.681072 -0.239807  38 1 0 2.203056 -1.546425 -0.838631  39 1 0 3.726293 -3.164368 -1.802217  40 1 0 6.183115 -2.735542 -1.844451  41 1 0 7.046817 -0.562792 -1.041660  42 1 0 -6.816763 -0.112312 0.856536  43 1 0 -5.597446 1.654652 2.085373  44 1 0 -3.149757 1.873998 1.841942  45 1 0 -1.922772 -1.488266 -1.391928  46 1 0 -3.170309 -3.183258 -2.639615  47 1 0 -5.621679 -3.450370 -2.304550  48 1 0 -6.817207 -1.968083 -0.733213  49 1 0 2.480484 -1.398143 1.864775  50 1 0 2.727678 -3.434373 2.683975  51 1 0 -2.638825 2.650116 -0.690953  52 1 0 -2.928581 4.767963 -1.245541  53 1 0 1.172694 -4.145848 3.199530  54 1 0 1.900359 -4.663204 1.687264  55 1 0 -1.994341 5.873406 -0.198409  56 1 0 -1.415279 5.522520 -1.818442 |
| TM\_NP\_model\_scan\_m\_160\_m\_60 | 1 6 0 -1.462244 0.397634 0.464620  2 6 0 -0.622219 -0.654800 0.823842  3 6 0 0.768383 -0.527437 0.882697  4 6 0 1.384967 0.712295 0.561456  5 6 0 0.527287 1.755391 0.189440  6 6 0 -0.864640 1.638741 0.154913  7 6 0 2.852955 0.906251 0.332126  8 6 0 3.363356 2.192768 0.446983  9 6 0 4.715306 2.502724 0.213055  10 6 0 5.583308 1.523566 -0.194138  11 6 0 5.100992 0.222477 -0.475565  12 6 0 3.710245 -0.086709 -0.280932  13 6 0 3.252078 -1.326342 -0.809212  14 6 0 4.112392 -2.237927 -1.373361  15 6 0 5.495886 -1.971408 -1.450956  16 6 0 5.970572 -0.758515 -1.023227  17 6 0 -2.942015 0.207289 0.528928  18 6 0 -3.617208 -0.722366 -0.329046  19 6 0 -5.032272 -0.900455 -0.181966  20 6 0 -5.732827 -0.147947 0.794836  21 6 0 -5.069009 0.750481 1.590907  22 6 0 -3.675484 0.925991 1.453931  23 6 0 -2.949955 -1.461663 -1.343180  24 6 0 -3.633618 -2.342080 -2.146772  25 6 0 -5.024363 -2.530742 -1.984838  26 6 0 -5.704940 -1.822011 -1.026470  27 6 0 1.529566 -1.623121 1.530479  28 7 0 1.041483 -2.781682 1.704276  29 6 0 1.842929 -3.760934 2.410188  30 6 0 -1.666970 2.796001 -0.295988  31 7 0 -1.166568 3.956382 -0.426722  32 6 0 -2.025304 5.019302 -0.908267  33 1 0 -1.043518 -1.605806 1.125339  34 1 0 0.931217 2.700509 -0.145049  35 1 0 2.725185 2.976987 0.834892  36 1 0 5.063062 3.516312 0.376502  37 1 0 6.635576 1.738304 -0.346751  38 1 0 2.196852 -1.551935 -0.801658  39 1 0 3.718745 -3.164349 -1.776234  40 1 0 6.168526 -2.706218 -1.878544  41 1 0 7.022348 -0.512101 -1.124980  42 1 0 -6.802814 -0.293892 0.899288  43 1 0 -5.606969 1.324565 2.336838  44 1 0 -3.162524 1.622691 2.107524  45 1 0 -1.885859 -1.321667 -1.482566  46 1 0 -3.103142 -2.894777 -2.913984  47 1 0 -5.551024 -3.231105 -2.623255  48 1 0 -6.774809 -1.953365 -0.901878  49 1 0 2.532330 -1.360782 1.891513  50 1 0 2.824008 -3.381704 2.732932  51 1 0 -2.720436 2.595093 -0.526833  52 1 0 -3.058725 4.698632 -1.108688  53 1 0 1.291001 -4.110928 3.288303  54 1 0 1.994797 -4.633182 1.766437  55 1 0 -2.041217 5.829805 -0.172649  56 1 0 -1.599933 5.437275 -1.826266 |
| TM\_NP\_model\_scan\_m\_160\_m\_70 | 1 6 0 -1.459329 0.337895 0.567774  2 6 0 -0.594140 -0.697922 0.910489  3 6 0 0.795020 -0.542610 0.940412  4 6 0 1.380034 0.707129 0.599186  5 6 0 0.494884 1.734368 0.248294  6 6 0 -0.895101 1.590458 0.247128  7 6 0 2.838046 0.924847 0.329612  8 6 0 3.330819 2.219602 0.426672  9 6 0 4.670387 2.550386 0.153156  10 6 0 5.541889 1.584076 -0.276561  11 6 0 5.072682 0.274661 -0.540933  12 6 0 3.693165 -0.055994 -0.305708  13 6 0 3.239948 -1.304337 -0.817755  14 6 0 4.098238 -2.203816 -1.403928  15 6 0 5.474540 -1.915560 -1.521726  16 6 0 5.941763 -0.693975 -1.110924  17 6 0 -2.935770 0.104806 0.621248  18 6 0 -3.593756 -0.697032 -0.367041  19 6 0 -5.003138 -0.929055 -0.246637  20 6 0 -5.712628 -0.357226 0.840217  21 6 0 -5.062811 0.416968 1.767666  22 6 0 -3.674163 0.646730 1.654337  23 6 0 -2.910863 -1.258994 -1.479434  24 6 0 -3.577317 -2.018704 -2.410447  25 6 0 -4.964006 -2.257709 -2.281638  26 6 0 -5.657699 -1.722642 -1.224775  27 6 0 1.592934 -1.620441 1.573438  28 7 0 1.129419 -2.785255 1.771373  29 6 0 1.968520 -3.744817 2.460371  30 6 0 -1.737261 2.733159 -0.164809  31 7 0 -1.256427 3.891803 -0.365137  32 6 0 -2.160186 4.941450 -0.789801  33 1 0 -0.991640 -1.658638 1.213864  34 1 0 0.872196 2.687755 -0.094091  35 1 0 2.691527 2.994795 0.830538  36 1 0 5.006469 3.569853 0.303967  37 1 0 6.585695 1.815283 -0.460130  38 1 0 2.189052 -1.546617 -0.779815  39 1 0 3.708101 -3.137593 -1.793001  40 1 0 6.146346 -2.640858 -1.966523  41 1 0 6.986090 -0.431144 -1.243569  42 1 0 -6.778509 -0.541748 0.923927  43 1 0 -5.608442 0.851884 2.597450  44 1 0 -3.171776 1.248782 2.403348  45 1 0 -1.848923 -1.079042 -1.588501  46 1 0 -3.036890 -2.437287 -3.251993  47 1 0 -5.477357 -2.861193 -3.021741  48 1 0 -6.723843 -1.896986 -1.122668  49 1 0 2.601731 -1.339295 1.901946  50 1 0 2.952252 -3.346116 2.750054  51 1 0 -2.805943 2.523231 -0.297514  52 1 0 -3.205766 4.613165 -0.889283  53 1 0 1.449568 -4.096647 3.357672  54 1 0 2.115886 -4.619837 1.819333  55 1 0 -2.113854 5.767624 -0.073141  56 1 0 -1.821122 5.340590 -1.751086 |
| TM\_NP\_model\_scan\_m\_160\_m\_80 | 1 6 0 1.448198 0.229889 -0.644725  2 6 0 0.553007 -0.792987 -0.941748  3 6 0 -0.832715 -0.602712 -0.951560  4 6 0 -1.379485 0.670598 -0.635699  5 6 0 -0.462776 1.685474 -0.332000  6 6 0 0.922620 1.505641 -0.353132  7 6 0 -2.826670 0.932375 -0.347172  8 6 0 -3.290025 2.235573 -0.471793  9 6 0 -4.616925 2.605556 -0.186601  10 6 0 -5.503993 1.672330 0.282494  11 6 0 -5.061333 0.359952 0.576408  12 6 0 -3.693675 -0.009258 0.329971  13 6 0 -3.260732 -1.252301 0.871656  14 6 0 -4.130020 -2.114493 1.496411  15 6 0 -5.497600 -1.791517 1.625653  16 6 0 -5.943319 -0.571669 1.186796  17 6 0 2.919045 -0.045108 -0.698810  18 6 0 3.595230 -0.649783 0.408808  19 6 0 4.998261 -0.921914 0.301603  20 6 0 5.682119 -0.586445 -0.895035  21 6 0 5.012934 -0.004555 -1.941543  22 6 0 3.630070 0.265728 -1.839742  23 6 0 2.932835 -0.983733 1.620900  24 6 0 3.615322 -1.560043 2.665030  25 6 0 4.997396 -1.833424 2.554715  26 6 0 5.670018 -1.520108 1.399561  27 6 0 -1.669011 -1.677822 -1.537662  28 7 0 -1.238172 -2.859048 -1.711078  29 6 0 -2.115251 -3.816352 -2.354420  30 6 0 1.806981 2.639331 -0.012327  31 7 0 1.358812 3.807203 0.208165  32 6 0 2.306194 4.848873 0.549081  33 1 0 0.921409 -1.773038 -1.218838  34 1 0 -0.809107 2.659196 -0.014826  35 1 0 -2.639801 2.984048 -0.907354  36 1 0 -4.931403 3.628267 -0.360347  37 1 0 -6.539096 1.933381 0.475134  38 1 0 -2.216142 -1.519357 0.825632  39 1 0 -3.755098 -3.045294 1.906961  40 1 0 -6.178747 -2.488171 2.100971  41 1 0 -6.979183 -0.280948 1.327388  42 1 0 6.743641 -0.798668 -0.967880  43 1 0 5.538924 0.248839 -2.855088  44 1 0 3.112901 0.720112 -2.677534  45 1 0 1.873708 -0.778233 1.713792  46 1 0 3.091344 -1.807725 3.581341  47 1 0 5.523465 -2.290210 3.385442  48 1 0 6.731621 -1.725648 1.309000  49 1 0 -2.677354 -1.381791 -1.854165  50 1 0 -3.095552 -3.401691 -2.633183  51 1 0 2.879516 2.414071 0.043899  52 1 0 3.351368 4.505928 0.577123  53 1 0 -1.625462 -4.205399 -3.252771  54 1 0 -2.268922 -4.669471 -1.685960  55 1 0 2.219291 5.665076 -0.175199  56 1 0 2.043997 5.267054 1.526137 |
| TM\_NP\_model\_scan\_m\_160\_m\_90 | 1 6 0 1.432604 0.085350 -0.701071  2 6 0 0.507154 -0.928102 -0.926340  3 6 0 -0.873302 -0.700163 -0.932989  4 6 0 -1.381437 0.604844 -0.691859  5 6 0 -0.433729 1.612034 -0.467066  6 6 0 0.945490 1.392074 -0.491396  7 6 0 -2.816639 0.923014 -0.400152  8 6 0 -3.249313 2.227227 -0.601206  9 6 0 -4.561883 2.648583 -0.320963  10 6 0 -5.464031 1.770351 0.219959  11 6 0 -5.048988 0.468814 0.591955  12 6 0 -3.695045 0.049854 0.350258  13 6 0 -3.282818 -1.164658 0.967515  14 6 0 -4.161945 -1.960999 1.662049  15 6 0 -5.519226 -1.596266 1.789392  16 6 0 -5.942999 -0.397812 1.276205  17 6 0 2.895303 -0.235232 -0.736961  18 6 0 3.601919 -0.580547 0.459232  19 6 0 4.997240 -0.896161 0.375327  20 6 0 5.642686 -0.862795 -0.887541  21 6 0 4.943356 -0.531656 -2.020023  22 6 0 3.568108 -0.217168 -1.941113  23 6 0 2.975035 -0.620986 1.733828  24 6 0 3.686204 -0.951669 2.862207  25 6 0 5.062251 -1.261814 2.777360  26 6 0 5.699330 -1.234909 1.561397  27 6 0 -1.746514 -1.787463 -1.436576  28 7 0 -1.348272 -2.987978 -1.543372  29 6 0 -2.262169 -3.961125 -2.106534  30 6 0 1.867152 2.522755 -0.255627  31 7 0 1.453135 3.709392 -0.072164  32 6 0 2.436963 4.748137 0.155870  33 1 0 0.845373 -1.934428 -1.140318  34 1 0 -0.748996 2.614961 -0.214971  35 1 0 -2.588099 2.929580 -1.093381  36 1 0 -4.853796 3.665848 -0.555488  37 1 0 -6.489087 2.069777 0.410516  38 1 0 -2.245548 -1.459296 0.924242  39 1 0 -3.802553 -2.871090 2.129023  40 1 0 -6.208777 -2.242463 2.320577  41 1 0 -6.969061 -0.072357 1.412650  42 1 0 6.698870 -1.105131 -0.941718  43 1 0 5.439970 -0.509297 -2.983501  44 1 0 3.028367 0.043013 -2.844813  45 1 0 1.919645 -0.389411 1.807483  46 1 0 3.189233 -0.977149 3.825469  47 1 0 5.611414 -1.522264 3.675183  48 1 0 6.755340 -1.473886 1.489250  49 1 0 -2.753428 -1.486199 -1.752611  50 1 0 -3.236090 -3.538952 -2.395997  51 1 0 2.937188 2.278788 -0.248158  52 1 0 3.475679 4.385376 0.143598  53 1 0 -1.799787 -4.423364 -2.984481  54 1 0 -2.426305 -4.762673 -1.379268  55 1 0 2.322822 5.525178 -0.606728  56 1 0 2.239049 5.224477 1.121358 |
| TM\_NP\_model\_scan\_m\_160\_m\_100 | 1 6 0 1.417263 -0.065182 -0.724294  2 6 0 0.465098 -1.069457 -0.862907  3 6 0 -0.909374 -0.808268 -0.883105  4 6 0 -1.383800 0.523930 -0.747106  5 6 0 -0.409667 1.522994 -0.617914  6 6 0 0.963366 1.267417 -0.630126  7 6 0 -2.807649 0.899198 -0.468503  8 6 0 -3.214115 2.191581 -0.773186  9 6 0 -4.512892 2.665538 -0.513684  10 6 0 -5.426491 1.857083 0.110454  11 6 0 -5.035339 0.581793 0.585053  12 6 0 -3.694740 0.112182 0.362945  13 6 0 -3.301147 -1.055505 1.075224  14 6 0 -4.188110 -1.770146 1.844646  15 6 0 -5.534925 -1.364154 1.957427  16 6 0 -5.938896 -0.203266 1.350429  17 6 0 2.869261 -0.429374 -0.719539  18 6 0 3.610802 -0.493707 0.504316  19 6 0 4.995549 -0.859133 0.459192  20 6 0 5.596810 -1.154154 -0.791475  21 6 0 4.863131 -1.096555 -1.948841  22 6 0 3.497981 -0.734849 -1.909080  23 6 0 3.025860 -0.218121 1.769668  24 6 0 3.768236 -0.290059 2.923891  25 6 0 5.135577 -0.643163 2.876225  26 6 0 5.731601 -0.922161 1.671222  27 6 0 -1.812707 -1.911703 -1.288821  28 7 0 -1.442047 -3.125666 -1.303708  29 6 0 -2.382904 -4.119834 -1.778816  30 6 0 1.913594 2.394041 -0.521560  31 7 0 1.528142 3.598712 -0.406412  32 6 0 2.538449 4.632742 -0.312295  33 1 0 0.776438 -2.099282 -0.987365  34 1 0 -0.698105 2.552531 -0.457110  35 1 0 -2.544114 2.834732 -1.330138  36 1 0 -4.785207 3.666187 -0.829186  37 1 0 -6.441763 2.195174 0.288225  38 1 0 -2.271248 -1.376505 1.044649  39 1 0 -3.842610 -2.646234 2.381865  40 1 0 -6.231179 -1.947080 2.549584  41 1 0 -6.955327 0.156625 1.471728  42 1 0 6.645959 -1.429628 -0.815410  43 1 0 5.325155 -1.326278 -2.902347  44 1 0 2.931680 -0.689413 -2.832554  45 1 0 1.977069 0.047187 1.816966  46 1 0 3.302157 -0.077774 3.879512  47 1 0 5.709860 -0.696563 3.794291  48 1 0 6.779822 -1.199414 1.627885  49 1 0 -2.816326 -1.613494 -1.618015  50 1 0 -3.351142 -3.700658 -2.090739  51 1 0 2.978668 2.131292 -0.551332  52 1 0 3.569318 4.250339 -0.353042  53 1 0 -1.940849 -4.659544 -2.622384  54 1 0 -2.555031 -4.858033 -0.989039  55 1 0 2.393705 5.351759 -1.124967  56 1 0 2.401470 5.184503 0.623122 |
| TM\_NP\_model\_scan\_m\_160\_m\_110 | 1 6 0 1.405044 -0.191727 -0.713489  2 6 0 0.430885 -1.183239 -0.777679  3 6 0 -0.938265 -0.897828 -0.813147  4 6 0 -1.386343 0.449488 -0.773154  5 6 0 -0.391486 1.435266 -0.721678  6 6 0 0.976116 1.153358 -0.718990  7 6 0 -2.801163 0.873970 -0.520728  8 6 0 -3.180791 2.149308 -0.918077  9 6 0 -4.468595 2.668751 -0.693679  10 6 0 -5.398072 1.927719 -0.011956  11 6 0 -5.033335 0.682229 0.553917  12 6 0 -3.703577 0.168552 0.365637  13 6 0 -3.334919 -0.954134 1.159149  14 6 0 -4.236290 -1.592385 1.977454  15 6 0 -5.573414 -1.149329 2.061747  16 6 0 -5.952527 -0.025877 1.373746  17 6 0 2.845527 -0.590248 -0.664942  18 6 0 3.631543 -0.413668 0.521164  19 6 0 5.004242 -0.825946 0.511780  20 6 0 5.547844 -1.413385 -0.659346  21 6 0 4.768690 -1.597636 -1.772765  22 6 0 3.417304 -1.187924 -1.770469  23 6 0 3.102545 0.135008 1.720817  24 6 0 3.888321 0.288890 2.837726  25 6 0 5.246467 -0.099840 2.819069  26 6 0 5.787302 -0.646996 1.682158  27 6 0 -1.863671 -2.011374 -1.131908  28 7 0 -1.515338 -3.229711 -1.056831  29 6 0 -2.476465 -4.239088 -1.452941  30 6 0 1.944928 2.269949 -0.728762  31 7 0 1.581137 3.485020 -0.663425  32 6 0 2.607124 4.507328 -0.698273  33 1 0 0.720895 -2.225777 -0.821901  34 1 0 -0.658411 2.480017 -0.642137  35 1 0 -2.498608 2.735486 -1.521070  36 1 0 -4.719896 3.649390 -1.081180  37 1 0 -6.405581 2.299436 0.141080  38 1 0 -2.312821 -1.300573 1.151556  39 1 0 -3.909377 -2.435700 2.575314  40 1 0 -6.281324 -1.672860 2.694190  41 1 0 -6.960484 0.364272 1.469334  42 1 0 6.588354 -1.720721 -0.655710  43 1 0 5.184822 -2.054403 -2.663591  44 1 0 2.817290 -1.329884 -2.662263  45 1 0 2.060562 0.427179 1.752538  46 1 0 3.462380 0.706950 3.742895  47 1 0 5.855803 0.028552 3.706569  48 1 0 6.826651 -0.958184 1.662785  49 1 0 -2.863302 -1.720255 -1.478923  50 1 0 -3.441685 -3.826870 -1.782955  51 1 0 3.003078 1.990850 -0.807594  52 1 0 3.628880 4.107353 -0.779106  53 1 0 -2.052144 -4.842081 -2.262122  54 1 0 -2.650748 -4.919029 -0.612980  55 1 0 2.419264 5.176131 -1.544306  56 1 0 2.536005 5.118397 0.207078 |
| TM\_NP\_model\_scan\_m\_160\_m\_120 | 1 6 0 1.395901 -0.276230 -0.701826  2 6 0 0.402689 -1.252269 -0.718402  3 6 0 -0.961206 -0.947602 -0.766354  4 6 0 -1.388289 0.406884 -0.781691  5 6 0 -0.376826 1.376900 -0.781485  6 6 0 0.986160 1.074052 -0.773321  7 6 0 -2.794838 0.864268 -0.542721  8 6 0 -3.156313 2.127640 -0.992160  9 6 0 -4.435612 2.675304 -0.787095  10 6 0 -5.374762 1.977111 -0.074114  11 6 0 -5.027729 0.750498 0.541872  12 6 0 -3.706169 0.209655 0.373070  13 6 0 -3.353340 -0.885754 1.210825  14 6 0 -4.262993 -1.476727 2.055050  15 6 0 -5.593084 -1.010356 2.122825  16 6 0 -5.956194 0.090176 1.390590  17 6 0 2.823580 -0.704502 -0.604707  18 6 0 3.649057 -0.351213 0.515772  19 6 0 5.003695 -0.819626 0.553296  20 6 0 5.488988 -1.642109 -0.495169  21 6 0 4.668702 -2.003513 -1.533013  22 6 0 3.337372 -1.538388 -1.579877  23 6 0 3.176360 0.415329 1.615802  24 6 0 3.999806 0.730750 2.669898  25 6 0 5.343501 0.295307 2.687097  26 6 0 5.828533 -0.466230 1.653490  27 6 0 -1.904082 -2.059327 -1.036684  28 7 0 -1.572935 -3.278860 -0.916741  29 6 0 -2.550379 -4.288482 -1.270010  30 6 0 1.967470 2.175808 -0.876272  31 7 0 1.624096 3.397449 -0.826238  32 6 0 2.657706 4.403069 -0.966286  33 1 0 0.673599 -2.300792 -0.707730  34 1 0 -0.625760 2.428780 -0.754002  35 1 0 -2.467305 2.677976 -1.620508  36 1 0 -4.673064 3.642810 -1.214329  37 1 0 -6.376273 2.369996 0.064779  38 1 0 -2.336761 -1.247997 1.216371  39 1 0 -3.947933 -2.300066 2.686190  40 1 0 -6.307840 -1.497312 2.776439  41 1 0 -6.957984 0.499084 1.471299  42 1 0 6.516306 -1.988613 -0.455048  43 1 0 5.037526 -2.642740 -2.327152  44 1 0 2.706990 -1.819878 -2.415724  45 1 0 2.145843 0.745490 1.625861  46 1 0 3.613499 1.313081 3.498829  47 1 0 5.984037 0.554710 3.522467  48 1 0 6.854437 -0.819542 1.665522  49 1 0 -2.901058 -1.767121 -1.390243  50 1 0 -3.510451 -3.875178 -1.613404  51 1 0 3.014352 1.879250 -1.017194  52 1 0 3.666323 3.985893 -1.104270  53 1 0 -2.137894 -4.929134 -2.056051  54 1 0 -2.731948 -4.932234 -0.403489  55 1 0 2.419567 5.046778 -1.819119  56 1 0 2.657440 5.044092 -0.079046 |
| TM\_NP\_model\_scan\_m\_160\_m\_130 | 1 6 0 1.392295 -0.327011 -0.714921  2 6 0 0.383937 -1.289537 -0.711503  3 6 0 -0.976020 -0.970379 -0.758981  4 6 0 -1.388481 0.388247 -0.788980  5 6 0 -0.365022 1.345185 -0.807617  6 6 0 0.994264 1.027256 -0.801119  7 6 0 -2.787707 0.865980 -0.548375  8 6 0 -3.136035 2.127979 -1.012137  9 6 0 -4.407372 2.693990 -0.807537  10 6 0 -5.351189 2.016757 -0.080634  11 6 0 -5.015800 0.794169 0.549641  12 6 0 -3.702005 0.234826 0.380821  13 6 0 -3.357743 -0.853355 1.231408  14 6 0 -4.269624 -1.421379 2.088900  15 6 0 -5.593471 -0.937730 2.157825  16 6 0 -5.947362 0.157045 1.412555  17 6 0 2.808471 -0.775219 -0.567981  18 6 0 3.657924 -0.312418 0.496405  19 6 0 4.996809 -0.820053 0.584313  20 6 0 5.438944 -1.798424 -0.341537  21 6 0 4.587642 -2.280146 -1.302623  22 6 0 3.275193 -1.775092 -1.403028  23 6 0 3.222733 0.587583 1.507758  24 6 0 4.069065 1.001632 2.508264  25 6 0 5.402230 0.538378 2.560117  26 6 0 5.849040 -0.357186 1.621608  27 6 0 -1.932617 -2.075720 -1.006834  28 7 0 -1.613945 -3.297018 -0.872029  29 6 0 -2.605263 -4.300745 -1.202604  30 6 0 1.981328 2.118210 -0.960190  31 7 0 1.653380 3.343811 -0.906962  32 6 0 2.688004 4.336574 -1.115071  33 1 0 0.638782 -2.341420 -0.676082  34 1 0 -0.600782 2.400415 -0.797755  35 1 0 -2.443904 2.661630 -1.651317  36 1 0 -4.635228 3.658716 -1.246143  37 1 0 -6.347003 2.423802 0.058447  38 1 0 -2.345571 -1.227724 1.236363  39 1 0 -3.960938 -2.239617 2.729745  40 1 0 -6.310263 -1.406760 2.822230  41 1 0 -6.943502 0.579496 1.493396  42 1 0 6.454827 -2.171118 -0.263653  43 1 0 4.918322 -3.044670 -1.996445  44 1 0 2.625651 -2.150179 -2.185585  45 1 0 2.200498 0.940735 1.498991  46 1 0 3.707266 1.683197 3.269879  47 1 0 6.062157 0.878588 3.350144  48 1 0 6.863588 -0.739484 1.665707  49 1 0 -2.928990 -1.777619 -1.357082  50 1 0 -3.562795 -3.881965 -1.546468  51 1 0 3.016419 1.809202 -1.152222  52 1 0 3.684084 3.907011 -1.298578  53 1 0 -2.205560 -4.958831 -1.980796  54 1 0 -2.788541 -4.928163 -0.324530  55 1 0 2.412512 4.970300 -1.964170  56 1 0 2.739908 4.990421 -0.238817 |
| TM\_NP\_model\_scan\_m\_160\_m\_140 | 1 6 0 1.389465 -0.361366 -0.730338  2 6 0 0.364899 -1.309128 -0.719907  3 6 0 -0.990778 -0.975255 -0.763422  4 6 0 -1.389134 0.387545 -0.785753  5 6 0 -0.353868 1.331080 -0.808675  6 6 0 1.001604 0.997777 -0.810476  7 6 0 -2.781056 0.880435 -0.536226  8 6 0 -3.117348 2.148223 -0.993291  9 6 0 -4.381901 2.726699 -0.781755  10 6 0 -5.330665 2.056093 -0.055092  11 6 0 -5.006319 0.827154 0.568596  12 6 0 -3.699024 0.254915 0.393142  13 6 0 -3.363170 -0.840288 1.238036  14 6 0 -4.278134 -1.402545 2.096063  15 6 0 -5.596734 -0.905662 2.171133  16 6 0 -5.941708 0.195878 1.431660  17 6 0 2.792938 -0.831648 -0.537080  18 6 0 3.669988 -0.290286 0.470354  19 6 0 4.991450 -0.835392 0.603139  20 6 0 5.382941 -1.937101 -0.197582  21 6 0 4.495064 -2.506385 -1.073619  22 6 0 3.205123 -1.961649 -1.225285  23 6 0 3.278468 0.712905 1.400041  24 6 0 4.152471 1.198210 2.343169  25 6 0 5.474644 0.708498 2.419238  26 6 0 5.876414 -0.292910 1.572434  27 6 0 -1.959860 -2.070573 -1.008393  28 7 0 -1.652930 -3.295383 -0.878539  29 6 0 -2.656178 -4.288255 -1.206117  30 6 0 1.992412 2.078967 -1.015082  31 7 0 1.681255 3.308129 -0.948895  32 6 0 2.715062 4.288672 -1.212333  33 1 0 0.601660 -2.364484 -0.674325  34 1 0 -0.576017 2.389283 -0.800193  35 1 0 -2.421949 2.677364 -1.632635  36 1 0 -4.600965 3.695801 -1.215176  37 1 0 -6.321697 2.473012 0.088818  38 1 0 -2.354763 -1.224757 1.238368  39 1 0 -3.975853 -2.226490 2.732632  40 1 0 -6.316232 -1.370107 2.835834  41 1 0 -6.933187 0.628186 1.517516  42 1 0 6.385549 -2.335966 -0.085363  43 1 0 4.780625 -3.370107 -1.663212  44 1 0 2.534664 -2.405505 -1.951893  45 1 0 2.265142 1.088505 1.381933  46 1 0 3.818950 1.956416 3.042728  47 1 0 6.158261 1.107996 3.159787  48 1 0 6.878184 -0.703845 1.642677  49 1 0 -2.954997 -1.761386 -1.352438  50 1 0 -3.610766 -3.858905 -1.544947  51 1 0 3.012969 1.757658 -1.258047  52 1 0 3.694746 3.847267 -1.448267  53 1 0 -2.266973 -4.949266 -1.987140  54 1 0 -2.842026 -4.915026 -0.328128  55 1 0 2.402483 4.925985 -2.045726  56 1 0 2.821526 4.941493 -0.340223 |
| TM\_NP\_model\_scan\_m\_160\_p\_20 | 1 6 0 1.448027 0.495752 -0.174538  2 6 0 0.677422 -0.670107 -0.264675  3 6 0 -0.699691 -0.682321 -0.500112  4 6 0 -1.418127 0.536224 -0.596267  5 6 0 -0.651617 1.703554 -0.484807  6 6 0 0.730366 1.717200 -0.299437  7 6 0 -2.907811 0.669421 -0.541288  8 6 0 -3.479936 1.824222 -1.059550  9 6 0 -4.863868 2.073336 -1.025149  10 6 0 -5.707320 1.179271 -0.419008  11 6 0 -5.177999 0.055848 0.260893  12 6 0 -3.759454 -0.177026 0.268660  13 6 0 -3.280366 -1.170917 1.167379  14 6 0 -4.134916 -1.956195 1.903965  15 6 0 -5.532972 -1.798842 1.794934  16 6 0 -6.036185 -0.800958 1.000947  17 6 0 2.820361 0.402017 0.404527  18 6 0 3.754660 -0.635252 0.021887  19 6 0 5.039622 -0.682581 0.660960  20 6 0 5.414122 0.338601 1.570029  21 6 0 4.567484 1.386806 1.815189  22 6 0 3.292141 1.422617 1.217236  23 6 0 3.512016 -1.583016 -1.011046  24 6 0 4.427967 -2.558892 -1.326278  25 6 0 5.651413 -2.650686 -0.630193  26 6 0 5.950342 -1.721111 0.333005  27 6 0 -1.325025 -1.982748 -0.844347  28 7 0 -0.737623 -3.092950 -0.661334  29 6 0 -1.411653 -4.301489 -1.090704  30 6 0 1.410539 3.030124 -0.404617  31 7 0 0.804937 4.131481 -0.221951  32 6 0 1.544345 5.359730 -0.434122  33 1 0 1.132601 -1.639765 -0.123029  34 1 0 -1.127076 2.674548 -0.507196  35 1 0 -2.856266 2.517576 -1.609698  36 1 0 -5.253907 2.966888 -1.498862  37 1 0 -6.780159 1.339333 -0.413694  38 1 0 -2.217423 -1.294084 1.307494  39 1 0 -3.727033 -2.692464 2.587300  40 1 0 -6.198504 -2.437800 2.364149  41 1 0 -7.105715 -0.626014 0.948030  42 1 0 6.388059 0.286754 2.044966  43 1 0 4.859705 2.186258 2.486497  44 1 0 2.620592 2.218534 1.509886  45 1 0 2.600144 -1.523043 -1.586438  46 1 0 4.209745 -3.257991 -2.125686  47 1 0 6.358678 -3.434724 -0.875745  48 1 0 6.904385 -1.750486 0.849031  49 1 0 -2.316766 -1.928411 -1.310894  50 1 0 -2.393665 -4.121314 -1.552864  51 1 0 2.467681 2.999775 -0.699953  52 1 0 2.593905 5.201098 -0.725115  53 1 0 -0.775372 -4.834273 -1.804534  54 1 0 -1.542112 -4.965225 -0.230075  55 1 0 1.047941 5.949079 -1.211778  56 1 0 1.516059 5.960527 0.480368 |
| TM\_NP\_model\_scan\_m\_160\_p\_30 | 1 6 0 1.435101 0.450451 -0.091540  2 6 0 0.661578 -0.710957 -0.180642  3 6 0 -0.710648 -0.709198 -0.442534  4 6 0 -1.408854 0.518265 -0.582826  5 6 0 -0.631560 1.679288 -0.482866  6 6 0 0.747180 1.678934 -0.267831  7 6 0 -2.898125 0.670113 -0.564935  8 6 0 -3.444424 1.819387 -1.121814  9 6 0 -4.825621 2.085539 -1.124403  10 6 0 -5.693376 1.215409 -0.517788  11 6 0 -5.193153 0.101623 0.198918  12 6 0 -3.778006 -0.147296 0.244614  13 6 0 -3.331688 -1.125951 1.176582  14 6 0 -4.212353 -1.884172 1.910741  15 6 0 -5.605569 -1.713303 1.765815  16 6 0 -6.078341 -0.728096 0.938052  17 6 0 2.816110 0.359361 0.462811  18 6 0 3.768631 -0.624489 0.006519  19 6 0 5.062692 -0.676426 0.625081  20 6 0 5.410116 0.279876 1.612326  21 6 0 4.526912 1.268508 1.959234  22 6 0 3.246153 1.312484 1.372776  23 6 0 3.524316 -1.517300 -1.073347  24 6 0 4.461578 -2.442497 -1.467641  25 6 0 5.705889 -2.532677 -0.807997  26 6 0 5.998505 -1.659491 0.208737  27 6 0 -1.347224 -2.006919 -0.775616  28 7 0 -0.781162 -3.121481 -0.555572  29 6 0 -1.462178 -4.328561 -0.977898  30 6 0 1.456454 2.976158 -0.359278  31 7 0 0.857045 4.090944 -0.252413  32 6 0 1.632272 5.301788 -0.433937  33 1 0 1.113103 -1.681450 -0.026433  34 1 0 -1.094803 2.654880 -0.537655  35 1 0 -2.800254 2.492599 -1.673325  36 1 0 -5.193881 2.972687 -1.626729  37 1 0 -6.764039 1.388057 -0.540325  38 1 0 -2.273886 -1.258589 1.344369  39 1 0 -3.829189 -2.609248 2.619886  40 1 0 -6.291610 -2.331384 2.333736  41 1 0 -7.144186 -0.542008 0.856482  42 1 0 6.391032 0.224974 2.072400  43 1 0 4.797203 2.013363 2.699051  44 1 0 2.547353 2.062114 1.721788  45 1 0 2.590610 -1.455206 -1.613746  46 1 0 4.244776 -3.103395 -2.299293  47 1 0 6.431882 -3.275142 -1.119424  48 1 0 6.963566 -1.694797 0.703493  49 1 0 -2.326395 -1.947774 -1.267446  50 1 0 -2.431794 -4.143842 -1.463904  51 1 0 2.532795 2.922087 -0.567458  52 1 0 2.698437 5.119452 -0.637522  53 1 0 -0.818177 -4.882082 -1.668695  54 1 0 -1.619478 -4.975242 -0.108857  55 1 0 1.208665 5.879536 -1.261739  56 1 0 1.542890 5.925067 0.461366 |
| TM\_NP\_model\_scan\_m\_160\_p\_40 | 1 6 0 1.423316 0.409170 -0.010049  2 6 0 0.646574 -0.747667 -0.101883  3 6 0 -0.720318 -0.733039 -0.390039  4 6 0 -1.398623 0.501570 -0.569971  5 6 0 -0.611038 1.655979 -0.476730  6 6 0 0.763488 1.642547 -0.231730  7 6 0 -2.886494 0.670602 -0.587838  8 6 0 -3.407020 1.814692 -1.178928  9 6 0 -4.784527 2.096857 -1.216561  10 6 0 -5.675437 1.249369 -0.611526  11 6 0 -5.203972 0.144578 0.137791  12 6 0 -3.793181 -0.119836 0.218858  13 6 0 -3.378822 -1.084500 1.179916  14 6 0 -4.284125 -1.816612 1.910583  15 6 0 -5.671794 -1.632225 1.732562  16 6 0 -6.114752 -0.659074 0.874626  17 6 0 2.812856 0.315514 0.521031  18 6 0 3.780048 -0.607453 -0.013197  19 6 0 5.079811 -0.676500 0.590188  20 6 0 5.404771 0.195838 1.659546  21 6 0 4.492679 1.116957 2.105876  22 6 0 3.208051 1.179691 1.528552  23 6 0 3.535072 -1.427791 -1.148501  24 6 0 4.488019 -2.297696 -1.622184  25 6 0 5.746941 -2.398595 -0.991179  26 6 0 6.034437 -1.598096 0.085388  27 6 0 -1.367249 -2.027560 -0.715046  28 7 0 -0.822710 -3.145542 -0.460651  29 6 0 -1.510422 -4.350626 -0.877818  30 6 0 1.497029 2.926519 -0.301377  31 7 0 0.906395 4.050639 -0.266252  32 6 0 1.710139 5.247988 -0.407508  33 1 0 1.093480 -1.719571 0.061899  34 1 0 -1.062099 2.635300 -0.559224  35 1 0 -2.743230 2.469132 -1.729760  36 1 0 -5.131206 2.977998 -1.744194  37 1 0 -6.743213 1.434081 -0.660262  38 1 0 -2.326623 -1.226736 1.373087  39 1 0 -3.925063 -2.531222 2.642617  40 1 0 -6.377207 -2.230067 2.298414  41 1 0 -7.176257 -0.462042 0.766456  42 1 0 6.390196 0.129170 2.108357  43 1 0 4.744952 1.793042 2.914904  44 1 0 2.487841 1.878863 1.936257  45 1 0 2.585443 -1.354340 -1.660234  46 1 0 4.273241 -2.907014 -2.492856  47 1 0 6.486733 -3.095481 -1.368595  48 1 0 7.007168 -1.648057 0.563601  49 1 0 -2.333344 -1.963967 -1.231599  50 1 0 -2.466739 -4.161515 -1.387931  51 1 0 2.585467 2.854667 -0.420512  52 1 0 2.786290 5.048926 -0.523691  53 1 0 -0.858939 -4.924046 -1.544992  54 1 0 -1.695172 -4.980543 -0.001891  55 1 0 1.360222 5.815539 -1.275805  56 1 0 1.559526 5.888580 0.467155 |
| TM\_NP\_model\_scan\_m\_160\_p\_50 | 1 6 0 1.413112 0.364682 0.087249  2 6 0 0.628830 -0.784720 -0.009824  3 6 0 -0.731398 -0.754531 -0.327440  4 6 0 -1.385556 0.487826 -0.545979  5 6 0 -0.585393 1.633216 -0.451213  6 6 0 0.783258 1.603662 -0.172666  7 6 0 -2.870344 0.676731 -0.606744  8 6 0 -3.358718 1.817712 -1.230220  9 6 0 -4.730742 2.117259 -1.310738  10 6 0 -5.649398 1.291862 -0.716846  11 6 0 -5.213739 0.193986 0.063656  12 6 0 -3.809384 -0.087531 0.187967  13 6 0 -3.434558 -1.040449 1.176587  14 6 0 -4.369351 -1.747226 1.894951  15 6 0 -5.749046 -1.547605 1.675881  16 6 0 -6.155178 -0.584300 0.789087  17 6 0 2.811769 0.256725 0.593587  18 6 0 3.786304 -0.591288 -0.035613  19 6 0 5.096279 -0.688552 0.540186  20 6 0 5.412839 0.074469 1.692659  21 6 0 4.481794 0.913679 2.249029  22 6 0 3.188591 1.006296 1.693865  23 6 0 3.530816 -1.314092 -1.232930  24 6 0 4.492659 -2.113366 -1.802693  25 6 0 5.769048 -2.235336 -1.210610  26 6 0 6.061670 -1.532691 -0.068794  27 6 0 -1.389704 -2.043974 -0.649269  28 7 0 -0.871344 -3.165627 -0.358896  29 6 0 -1.565992 -4.366914 -0.775383  30 6 0 1.540373 2.874081 -0.213005  31 7 0 0.965841 4.006389 -0.253993  32 6 0 1.796535 5.189945 -0.344602  33 1 0 1.067431 -1.759479 0.162658  34 1 0 -1.021321 2.616984 -0.558117  35 1 0 -2.671267 2.453828 -1.773410  36 1 0 -5.050742 2.993845 -1.862284  37 1 0 -6.712835 1.489661 -0.798271  38 1 0 -2.390045 -1.193448 1.400708  39 1 0 -4.040243 -2.453305 2.649019  40 1 0 -6.477644 -2.125828 2.232681  41 1 0 -7.210546 -0.375135 0.648508  42 1 0 6.406112 -0.011476 2.120505  43 1 0 4.727361 1.502205 3.125771  44 1 0 2.455937 1.645920 2.172443  45 1 0 2.563443 -1.223080 -1.708457  46 1 0 4.271820 -2.651321 -2.717751  47 1 0 6.516785 -2.874570 -1.666314  48 1 0 7.044972 -1.604809 0.384326  49 1 0 -2.339006 -1.974285 -1.195365  50 1 0 -2.505169 -4.171907 -1.314383  51 1 0 2.633589 2.785032 -0.232760  52 1 0 2.875694 4.974732 -0.358630  53 1 0 -0.905534 -4.960916 -1.415196  54 1 0 -1.784122 -4.979535 0.105123  55 1 0 1.534904 5.744133 -1.251776  56 1 0 1.576689 5.850087 0.500390 |
| TM\_NP\_model\_scan\_m\_160\_p\_60 | 1 6 0 1.400312 0.303620 0.172086  2 6 0 0.603558 -0.833781 0.056718  3 6 0 -0.749319 -0.779484 -0.289515  4 6 0 -1.374695 0.474406 -0.528711  5 6 0 -0.557138 1.606262 -0.421720  6 6 0 0.804258 1.552100 -0.111163  7 6 0 -2.854611 0.689786 -0.621801  8 6 0 -3.308966 1.835649 -1.261583  9 6 0 -4.673258 2.160478 -1.370830  10 6 0 -5.618781 1.356806 -0.789522  11 6 0 -5.219338 0.256020 0.006157  12 6 0 -3.823243 -0.051559 0.158960  13 6 0 -3.485749 -1.005373 1.160013  14 6 0 -4.447396 -1.689234 1.864975  15 6 0 -5.818607 -1.464030 1.619061  16 6 0 -6.189177 -0.498937 0.718733  17 6 0 2.802139 0.171247 0.669100  18 6 0 3.793159 -0.571131 -0.055130  19 6 0 5.107767 -0.700432 0.502791  20 6 0 5.403832 -0.081323 1.743830  21 6 0 4.447418 0.645269 2.406092  22 6 0 3.150661 0.771885 1.864333  23 6 0 3.542540 -1.163504 -1.322783  24 6 0 4.521196 -1.863598 -1.986445  25 6 0 5.808006 -2.009656 -1.421991  26 6 0 6.091810 -1.436743 -0.207527  27 6 0 -1.425003 -2.056998 -0.621908  28 7 0 -0.936585 -3.187198 -0.313321  29 6 0 -1.644842 -4.376405 -0.741372  30 6 0 1.588117 2.806074 -0.111904  31 7 0 1.042213 3.948037 -0.220191  32 6 0 1.900906 5.114530 -0.249874  33 1 0 1.027852 -1.815188 0.229523  34 1 0 -0.973454 2.597024 -0.541201  35 1 0 -2.599048 2.455297 -1.794875  36 1 0 -4.965723 3.039285 -1.934019  37 1 0 -6.676462 1.574428 -0.892541  38 1 0 -2.448795 -1.177591 1.404209  39 1 0 -4.146224 -2.396902 2.629158  40 1 0 -6.568648 -2.024195 2.165759  41 1 0 -7.237446 -0.270161 0.557109  42 1 0 6.400980 -0.189380 2.157499  43 1 0 4.677009 1.119211 3.353731  44 1 0 2.399547 1.328731 2.413243  45 1 0 2.563685 -1.053106 -1.770972  46 1 0 4.306060 -2.305060 -2.953055  47 1 0 6.569772 -2.568457 -1.953870  48 1 0 7.080712 -1.534013 0.228379  49 1 0 -2.359177 -1.971178 -1.191416  50 1 0 -2.567137 -4.165328 -1.303011  51 1 0 2.676782 2.695849 -0.033225  52 1 0 2.972296 4.878993 -0.162559  53 1 0 -0.981382 -4.986072 -1.363084  54 1 0 -1.895688 -4.980679 0.136193  55 1 0 1.733576 5.660328 -1.184014  56 1 0 1.618179 5.790614 0.563218 |
| TM\_NP\_model\_scan\_m\_160\_p\_70 | 1 6 0 1.388472 0.228520 0.252527  2 6 0 0.573035 -0.890780 0.108482  3 6 0 -0.771905 -0.802602 -0.262944  4 6 0 -1.363896 0.467482 -0.502513  5 6 0 -0.524884 1.580622 -0.367443  6 6 0 0.828528 1.492189 -0.030399  7 6 0 -2.836888 0.715970 -0.623187  8 6 0 -3.253168 1.877309 -1.260798  9 6 0 -4.607644 2.232961 -1.393951  10 6 0 -5.581871 1.445036 -0.839148  11 6 0 -5.222572 0.328493 -0.046195  12 6 0 -3.836804 -0.011106 0.131104  13 6 0 -3.540135 -0.981410 1.129145  14 6 0 -4.530194 -1.650479 1.808489  15 6 0 -5.891027 -1.392667 1.538187  16 6 0 -6.222540 -0.411356 0.640164  17 6 0 2.791478 0.056970 0.740689  18 6 0 3.799404 -0.546450 -0.079502  19 6 0 5.115803 -0.726466 0.458797  20 6 0 5.392391 -0.298260 1.782241  21 6 0 4.414599 0.289895 2.543615  22 6 0 3.115917 0.466846 2.018977  23 6 0 3.557158 -0.957902 -1.418142  24 6 0 4.551133 -1.530040 -2.174983  25 6 0 5.843543 -1.720619 -1.636427  26 6 0 6.116621 -1.324946 -0.350673  27 6 0 -1.468765 -2.060901 -0.623139  28 7 0 -1.013926 -3.204849 -0.313800  29 6 0 -1.739196 -4.373146 -0.770126  30 6 0 1.640960 2.726034 0.021869  31 7 0 1.132678 3.880533 -0.127699  32 6 0 2.017765 5.026707 -0.086553  33 1 0 0.977049 -1.882661 0.270517  34 1 0 -0.918075 2.581271 -0.482456  35 1 0 -2.519262 2.486206 -1.773729  36 1 0 -4.869581 3.123064 -1.954419  37 1 0 -6.632283 1.686845 -0.960959  38 1 0 -2.512184 -1.178997 1.391408  39 1 0 -4.259636 -2.371906 2.571254  40 1 0 -6.663802 -1.941183 2.064662  41 1 0 -7.262157 -0.157995 0.460338  42 1 0 6.391095 -0.443001 2.180641  43 1 0 4.629131 0.616192 3.555001  44 1 0 2.349428 0.918893 2.638643  45 1 0 2.571510 -0.812664 -1.841493  46 1 0 4.344551 -1.836381 -3.194301  47 1 0 6.617906 -2.175978 -2.243480  48 1 0 7.108476 -1.462032 0.067540  49 1 0 -2.387159 -1.948522 -1.213442  50 1 0 -2.642632 -4.135135 -1.351275  51 1 0 2.717392 2.588893 0.184598  52 1 0 3.073719 4.766045 0.080560  53 1 0 -1.075416 -4.992373 -1.381951  54 1 0 -2.025022 -4.979396 0.095305  55 1 0 1.934041 5.579341 -1.027840  56 1 0 1.689738 5.706269 0.706402 |
| TM\_NP\_model\_scan\_m\_160\_p\_80 | 1 6 0 1.379113 0.127996 0.335300  2 6 0 0.536151 -0.963547 0.151561  3 6 0 -0.800292 -0.827431 -0.238143  4 6 0 -1.350836 0.464708 -0.456735  5 6 0 -0.485144 1.550473 -0.272790  6 6 0 0.858939 1.414470 0.084402  7 6 0 -2.813177 0.757974 -0.605057  8 6 0 -3.180638 1.947443 -1.220442  9 6 0 -4.521043 2.343743 -1.379093  10 6 0 -5.530642 1.567901 -0.872616  11 6 0 -5.222835 0.421196 -0.101242  12 6 0 -3.851893 0.039326 0.103258  13 6 0 -3.607957 -0.963997 1.082651  14 6 0 -4.633336 -1.623379 1.717623  15 6 0 -5.979072 -1.321988 1.418317  16 6 0 -6.260143 -0.308969 0.538467  17 6 0 2.783855 -0.100221 0.800099  18 6 0 3.802883 -0.522763 -0.112733  19 6 0 5.125893 -0.760107 0.384537  20 6 0 5.395035 -0.568731 1.764024  21 6 0 4.403104 -0.158828 2.618260  22 6 0 3.097511 0.075130 2.132503  23 6 0 3.559997 -0.707052 -1.500795  24 6 0 4.563723 -1.111006 -2.347826  25 6 0 5.865467 -1.352343 -1.853772  26 6 0 6.137129 -1.179048 -0.519190  27 6 0 -1.524114 -2.056178 -0.644020  28 7 0 -1.111439 -3.219621 -0.348377  29 6 0 -1.858435 -4.355255 -0.850098  30 6 0 1.702285 2.621651 0.208817  31 7 0 1.240040 3.792995 0.042475  32 6 0 2.151145 4.911821 0.171868  33 1 0 0.912929 -1.970069 0.286358  34 1 0 -0.850134 2.564182 -0.362906  35 1 0 -2.416992 2.549572 -1.696832  36 1 0 -4.743788 3.255542 -1.921339  37 1 0 -6.570541 1.841452 -1.015658  38 1 0 -2.592911 -1.195911 1.366303  39 1 0 -4.402618 -2.371413 2.467746  40 1 0 -6.780072 -1.862968 1.909195  41 1 0 -7.287466 -0.022981 0.338064  42 1 0 6.399302 -0.752099 2.131456  43 1 0 4.612470 -0.015439 3.672311  44 1 0 2.321597 0.390787 2.821062  45 1 0 2.565122 -0.525985 -1.887953  46 1 0 4.357383 -1.246311 -3.403589  47 1 0 6.647803 -1.672991 -2.532472  48 1 0 7.135228 -1.359789 -0.133620  49 1 0 -2.422864 -1.904121 -1.255354  50 1 0 -2.736342 -4.077130 -1.452089  51 1 0 2.759454 2.448821 0.447260  52 1 0 3.184859 4.617353 0.407537  53 1 0 -1.196119 -4.982377 -1.455404  54 1 0 -2.188387 -4.969579 -0.006302  55 1 0 2.149856 5.485956 -0.760189  56 1 0 1.785999 5.583954 0.954924 |
| TM\_NP\_model\_scan\_m\_160\_p\_90 | 1 6 0 1.362810 -0.002087 0.345253  2 6 0 0.489003 -1.054729 0.095646  3 6 0 -0.839900 -0.854946 -0.294151  4 6 0 -1.348184 0.463651 -0.443400  5 6 0 -0.451148 1.510401 -0.192742  6 6 0 0.883995 1.312354 0.167256  7 6 0 -2.799989 0.810748 -0.578429  8 6 0 -3.127040 2.042903 -1.129194  9 6 0 -4.453238 2.492125 -1.264506  10 6 0 -5.488508 1.724894 -0.798227  11 6 0 -5.219727 0.528737 -0.089991  12 6 0 -3.862627 0.090012 0.091279  13 6 0 -3.653300 -0.972484 1.014786  14 6 0 -4.700711 -1.629497 1.615282  15 6 0 -6.035324 -1.266641 1.335138  16 6 0 -6.281469 -0.198771 0.511488  17 6 0 2.757432 -0.299653 0.803901  18 6 0 3.820530 -0.487480 -0.136154  19 6 0 5.133470 -0.791098 0.351532  20 6 0 5.348124 -0.898722 1.749671  21 6 0 4.312998 -0.715059 2.630621  22 6 0 3.017254 -0.415020 2.153831  23 6 0 3.628196 -0.382934 -1.540151  24 6 0 4.673031 -0.568037 -2.413357  25 6 0 5.966621 -0.868703 -1.930430  26 6 0 6.188174 -0.977363 -0.579778  27 6 0 -1.599878 -2.035062 -0.771370  28 7 0 -1.227707 -3.225921 -0.537575  29 6 0 -2.007242 -4.307256 -1.105413  30 6 0 1.759010 2.481770 0.391096  31 7 0 1.346278 3.675098 0.253895  32 6 0 2.283253 4.753757 0.493207  33 1 0 0.834714 -2.078151 0.173654  34 1 0 -0.785675 2.538034 -0.223685  35 1 0 -2.342856 2.644039 -1.572445  36 1 0 -4.644990 3.438720 -1.756646  37 1 0 -6.518539 2.040840 -0.924246  38 1 0 -2.646901 -1.253899 1.283933  39 1 0 -4.495772 -2.424397 2.323541  40 1 0 -6.854339 -1.805444 1.797875  41 1 0 -7.298367 0.132617 0.328665  42 1 0 6.345202 -1.130036 2.109536  43 1 0 4.480755 -0.799733 3.698379  44 1 0 2.208083 -0.274455 2.861750  45 1 0 2.639001 -0.157492 -1.918991  46 1 0 4.505385 -0.485401 -3.481354  47 1 0 6.781818 -1.014134 -2.630290  48 1 0 7.178880 -1.208865 -0.202496  49 1 0 -2.488546 -1.819808 -1.378475  50 1 0 -2.867349 -3.968063 -1.701791  51 1 0 2.793816 2.260201 0.681884  52 1 0 3.290868 4.412118 0.773689  53 1 0 -1.359466 -4.925323 -1.735198  54 1 0 -2.368861 -4.951965 -0.298025  55 1 0 2.356264 5.372760 -0.406684  56 1 0 1.893165 5.398736 1.287005 |
| TM\_NP\_model\_scan\_m\_160\_p\_100 | 1 6 0 1.353592 -0.116558 0.361639  2 6 0 0.449457 -1.128982 0.059066  3 6 0 -0.871897 -0.871387 -0.323004  4 6 0 -1.341166 0.466925 -0.406709  5 6 0 -0.417189 1.473066 -0.092854  6 6 0 0.909786 1.218864 0.260664  7 6 0 -2.781148 0.862163 -0.534115  8 6 0 -3.067714 2.130353 -1.022027  9 6 0 -4.379285 2.623936 -1.145089  10 6 0 -5.440474 1.862924 -0.729571  11 6 0 -5.212738 0.623909 -0.083407  12 6 0 -3.870444 0.137902 0.087068  13 6 0 -3.700865 -0.977058 0.955293  14 6 0 -4.772812 -1.635007 1.509724  15 6 0 -6.093690 -1.220751 1.235773  16 6 0 -6.300974 -0.104249 0.467823  17 6 0 2.745389 -0.480594 0.776478  18 6 0 3.827474 -0.452100 -0.161402  19 6 0 5.138790 -0.825377 0.279351  20 6 0 5.333465 -1.217863 1.628756  21 6 0 4.279663 -1.245765 2.506041  22 6 0 2.985241 -0.876981 2.075916  23 6 0 3.653308 -0.075648 -1.520437  24 6 0 4.715171 -0.060229 -2.392689  25 6 0 6.008545 -0.422879 -1.954399  26 6 0 6.211893 -0.797382 -0.649165  27 6 0 -1.661185 -2.002991 -0.865870  28 7 0 -1.325853 -3.214464 -0.689491  29 6 0 -2.129664 -4.243046 -1.318162  30 6 0 1.807616 2.349365 0.576171  31 7 0 1.438740 3.559806 0.466767  32 6 0 2.390433 4.597220 0.808704  33 1 0 0.767108 -2.164125 0.077933  34 1 0 -0.724606 2.509158 -0.063994  35 1 0 -2.262529 2.730843 -1.426658  36 1 0 -4.539241 3.600211 -1.588159  37 1 0 -6.459928 2.214003 -0.848371  38 1 0 -2.705741 -1.300239 1.219606  39 1 0 -4.598048 -2.471650 2.176791  40 1 0 -6.932390 -1.760222 1.660929  41 1 0 -7.306220 0.264725 0.292702  42 1 0 6.330001 -1.498744 1.953083  43 1 0 4.431629 -1.549869 3.535515  44 1 0 2.162211 -0.901420 2.781310  45 1 0 2.664393 0.196582 -1.867540  46 1 0 4.560624 0.228858 -3.426156  47 1 0 6.837593 -0.407271 -2.652913  48 1 0 7.201698 -1.081408 -0.306965  49 1 0 -2.536863 -1.730691 -1.468852  50 1 0 -2.973327 -3.850127 -1.905033  51 1 0 2.816950 2.084045 0.915756  52 1 0 3.369297 4.212186 1.131426  53 1 0 -1.492927 -4.847635 -1.971841  54 1 0 -2.518303 -4.916348 -0.547499  55 1 0 2.534466 5.252253 -0.056396  56 1 0 1.972465 5.218808 1.606986 |
| TM\_NP\_model\_scan\_m\_160\_p\_110 | 1 6 0 1.341232 -0.219813 0.314110  2 6 0 0.408842 -1.191496 -0.036036  3 6 0 -0.907619 -0.881887 -0.394761  4 6 0 -1.343410 0.469866 -0.407134  5 6 0 -0.392528 1.434754 -0.046348  6 6 0 0.928454 1.130099 0.288062  7 6 0 -2.773560 0.907081 -0.500200  8 6 0 -3.031637 2.204904 -0.921571  9 6 0 -4.330936 2.737681 -1.004264  10 6 0 -5.407304 1.984847 -0.613621  11 6 0 -5.205597 0.709809 -0.032077  12 6 0 -3.874915 0.181032 0.097303  13 6 0 -3.725258 -0.979526 0.907494  14 6 0 -4.807946 -1.635284 1.443371  15 6 0 -6.120287 -1.173336 1.207376  16 6 0 -6.306515 -0.015699 0.497108  17 6 0 2.722608 -0.645867 0.697456  18 6 0 3.845643 -0.418110 -0.163734  19 6 0 5.142957 -0.858950 0.256959  20 6 0 5.283952 -1.520595 1.503922  21 6 0 4.190984 -1.746702 2.300815  22 6 0 2.911529 -1.309894 1.892952  23 6 0 3.727544 0.213040 -1.431576  24 6 0 4.828546 0.414718 -2.228946  25 6 0 6.108727 -0.006416 -1.804598  26 6 0 6.258072 -0.630794 -0.591096  27 6 0 -1.729694 -1.964172 -0.987367  28 7 0 -1.423605 -3.190998 -0.876236  29 6 0 -2.259166 -4.165922 -1.547500  30 6 0 1.843081 2.220837 0.686620  31 7 0 1.517187 3.445156 0.597963  32 6 0 2.476630 4.439938 1.032797  33 1 0 0.701341 -2.233293 -0.077641  34 1 0 -0.675643 2.474295 0.042644  35 1 0 -2.214952 2.803632 -1.305311  36 1 0 -4.469924 3.738602 -1.396484  37 1 0 -6.418309 2.367852 -0.702252  38 1 0 -2.736189 -1.341292 1.142881  39 1 0 -4.648029 -2.507864 2.066703  40 1 0 -6.968102 -1.710568 1.617018  41 1 0 -7.303487 0.387641 0.353216  42 1 0 6.270664 -1.849412 1.812863  43 1 0 4.301316 -2.258186 3.250314  44 1 0 2.057845 -1.486976 2.537353  45 1 0 2.750257 0.531415 -1.771831  46 1 0 4.714766 0.896044 -3.193792  47 1 0 6.969286 0.159352 -2.442867  48 1 0 7.236435 -0.965548 -0.262140  49 1 0 -2.603763 -1.639665 -1.566400  50 1 0 -3.100570 -3.723017 -2.101080  51 1 0 2.822664 1.913244 1.073551  52 1 0 3.422405 4.013542 1.399111  53 1 0 -1.645177 -4.749366 -2.240986  54 1 0 -2.653987 -4.870339 -0.808433  55 1 0 2.691950 5.119073 0.201777  56 1 0 2.029537 5.046857 1.826592 |
| TM\_NP\_model\_scan\_m\_160\_p\_120 | 1 6 0 -1.336678 -0.288004 -0.316751  2 6 0 -0.384178 -1.234263 0.052273  3 6 0 0.927927 -0.894658 0.398582  4 6 0 1.339143 0.464541 0.384481  5 6 0 0.371540 1.403533 -0.000482  6 6 0 -0.943981 1.069263 -0.326501  7 6 0 2.759842 0.931172 0.474273  8 6 0 2.990149 2.242522 0.869421  9 6 0 4.278559 2.801255 0.950182  10 6 0 5.371865 2.060527 0.584092  11 6 0 5.198531 0.770005 0.028061  12 6 0 3.878942 0.213871 -0.100113  13 6 0 3.756657 -0.965275 -0.887626  14 6 0 4.855248 -1.611458 -1.402356  15 6 0 6.157054 -1.120599 -1.166093  16 6 0 6.316613 0.054321 -0.478076  17 6 0 -2.719627 -0.748574 -0.643231  18 6 0 -3.850784 -0.384710 0.161773  19 6 0 -5.147436 -0.876094 -0.202283  20 6 0 -5.280678 -1.730317 -1.326552  21 6 0 -4.179030 -2.099618 -2.055257  22 6 0 -2.901321 -1.612102 -1.706486  23 6 0 -3.742524 0.416804 1.330661  24 6 0 -4.850979 0.742769 2.074815  25 6 0 -6.131561 0.283075 1.694826  26 6 0 -6.271528 -0.511855 0.584763  27 6 0 1.768404 -1.950260 1.013395  28 7 0 1.485592 -3.184433 0.924214  29 6 0 2.337329 -4.130739 1.615873  30 6 0 -1.863920 2.135343 -0.778611  31 7 0 -1.572417 3.367558 -0.681533  32 6 0 -2.527454 4.335994 -1.181032  33 1 0 -0.660075 -2.278589 0.127389  34 1 0 0.638254 2.444543 -0.117352  35 1 0 2.159464 2.833565 1.234686  36 1 0 4.395836 3.812676 1.322030  37 1 0 6.374824 2.464212 0.672414  38 1 0 2.776023 -1.349525 -1.122885  39 1 0 4.716249 -2.499050 -2.009286  40 1 0 7.017717 -1.650162 -1.558560  41 1 0 7.304884 0.478855 -0.335083  42 1 0 -6.267417 -2.094581 -1.592477  43 1 0 -4.281622 -2.762670 -2.906800  44 1 0 -2.042244 -1.901242 -2.301267  45 1 0 -2.766721 0.765765 1.642629  46 1 0 -4.741859 1.352578 2.964593  47 1 0 -6.998581 0.550669 2.288222  48 1 0 -7.248936 -0.883235 0.294590  49 1 0 2.634529 -1.599052 1.588745  50 1 0 3.168841 -3.661664 2.162749  51 1 0 -2.812250 1.802112 -1.218363  52 1 0 -3.439839 3.884668 -1.598541  53 1 0 1.732541 -4.712242 2.319010  54 1 0 2.747173 -4.841636 0.891312  55 1 0 -2.807248 5.015933 -0.370141  56 1 0 -2.048509 4.947381 -1.952511 |
| TM\_NP\_model\_scan\_m\_160\_p\_130 | 1 6 0 -1.331820 -0.327128 -0.313605  2 6 0 -0.366065 -1.258715 0.064291  3 6 0 0.942636 -0.903887 0.404848  4 6 0 1.338997 0.459596 0.385270  5 6 0 0.360067 1.384948 -0.003544  6 6 0 -0.951596 1.034832 -0.328305  7 6 0 2.754019 0.942551 0.470763  8 6 0 2.970211 2.257816 0.860868  9 6 0 4.252479 2.831131 0.937224  10 6 0 5.353344 2.101336 0.571793  11 6 0 5.193578 0.806806 0.020920  12 6 0 3.880125 0.235377 -0.102588  13 6 0 3.769510 -0.948272 -0.884961  14 6 0 4.874283 -1.584147 -1.399369  15 6 0 6.170882 -1.077529 -1.167958  16 6 0 6.318581 0.101851 -0.484875  17 6 0 -2.715063 -0.811001 -0.595919  18 6 0 -3.860418 -0.352596 0.142157  19 6 0 -5.150603 -0.892490 -0.176592  20 6 0 -5.265262 -1.893906 -1.173872  21 6 0 -4.149628 -2.365989 -1.816536  22 6 0 -2.880294 -1.830193 -1.516759  23 6 0 -3.776029 0.576306 1.215488  24 6 0 -4.897939 0.984030 1.896595  25 6 0 -6.172358 0.485838 1.546534  26 6 0 -6.290135 -0.436087 0.537064  27 6 0 1.794814 -1.947430 1.024516  28 7 0 1.525009 -3.184975 0.942134  29 6 0 2.387440 -4.118430 1.638147  30 6 0 -1.866596 2.088500 -0.820309  31 7 0 -1.599406 3.324658 -0.706757  32 6 0 -2.540636 4.279409 -1.256612  33 1 0 -0.631367 -2.304149 0.157114  34 1 0 0.615892 2.427611 -0.129174  35 1 0 2.133415 2.840902 1.225084  36 1 0 4.359141 3.845184 1.305079  37 1 0 6.351856 2.516637 0.656585  38 1 0 2.792761 -1.344465 -1.116602  39 1 0 4.744050 -2.475714 -2.002404  40 1 0 7.036695 -1.598806 -1.560190  41 1 0 7.302313 0.538049 -0.345735  42 1 0 -6.247843 -2.291215 -1.405574  43 1 0 -4.235105 -3.146784 -2.563730  44 1 0 -2.012187 -2.199203 -2.051022  45 1 0 -2.807860 0.957276 1.511477  46 1 0 -4.803089 1.687930 2.715774  47 1 0 -7.050464 0.821099 2.086835  48 1 0 -7.261060 -0.843818 0.275426  49 1 0 2.657820 -1.584145 1.596999  50 1 0 3.214823 -3.637522 2.180928  51 1 0 -2.785117 1.741563 -1.309871  52 1 0 -3.423896 3.815184 -1.720019  53 1 0 1.789683 -4.701811 2.345719  54 1 0 2.803499 -4.829392 0.917214  55 1 0 -2.871427 4.955957 -0.462309  56 1 0 -2.030905 4.896692 -2.003281 |
| TM\_NP\_model\_scan\_m\_160\_p\_140 | 1 6 0 -1.330353 -0.362043 -0.326293  2 6 0 -0.351693 -1.283732 0.049932  3 6 0 0.954116 -0.920055 0.388753  4 6 0 1.337058 0.447301 0.383657  5 6 0 0.348923 1.364155 -0.000948  6 6 0 -0.958561 1.003715 -0.331102  7 6 0 2.745910 0.945053 0.477569  8 6 0 2.945866 2.258886 0.881089  9 6 0 4.221359 2.845560 0.968091  10 6 0 5.331635 2.131556 0.599829  11 6 0 5.188351 0.840789 0.035666  12 6 0 3.881871 0.255886 -0.098135  13 6 0 3.787119 -0.921118 -0.892402  14 6 0 4.900734 -1.539540 -1.409088  15 6 0 6.190747 -1.020682 -1.168248  16 6 0 6.322886 0.153525 -0.473141  17 6 0 -2.717458 -0.861370 -0.557139  18 6 0 -3.868584 -0.326418 0.123762  19 6 0 -5.157752 -0.898755 -0.142712  20 6 0 -5.267034 -2.015677 -1.008235  21 6 0 -4.145100 -2.572620 -1.566262  22 6 0 -2.879652 -2.002377 -1.326049  23 6 0 -3.795764 0.699530 1.106465  24 6 0 -4.923898 1.178046 1.728745  25 6 0 -6.197326 0.657621 1.410395  26 6 0 -6.304956 -0.364118 0.501476  27 6 0 1.815802 -1.961641 0.999065  28 7 0 1.559161 -3.200883 0.901792  29 6 0 2.429794 -4.133549 1.588732  30 6 0 -1.863305 2.051760 -0.856023  31 7 0 -1.612771 3.289831 -0.728330  32 6 0 -2.536597 4.237300 -1.319023  33 1 0 -0.606244 -2.330803 0.149716  34 1 0 0.594990 2.409516 -0.123070  35 1 0 2.101089 2.828930 1.247591  36 1 0 4.315374 3.857067 1.346257  37 1 0 6.325147 2.557041 0.692458  38 1 0 2.815650 -1.325799 -1.131576  39 1 0 4.782544 -2.426515 -2.021298  40 1 0 7.063685 -1.528246 -1.562662  41 1 0 7.301177 0.599346 -0.326373  42 1 0 -6.249026 -2.434959 -1.200072  43 1 0 -4.223199 -3.446037 -2.203599  44 1 0 -2.010134 -2.437951 -1.804706  45 1 0 -2.831564 1.100049 1.386505  46 1 0 -4.833218 1.955200 2.479300  47 1 0 -7.080840 1.051102 1.900194  48 1 0 -7.273419 -0.796265 0.271926  49 1 0 2.673869 -1.595853 1.577299  50 1 0 3.250460 -3.650505 2.139679  51 1 0 -2.755515 1.697331 -1.387194  52 1 0 -3.393332 3.765964 -1.823167  53 1 0 1.836522 -4.731983 2.287428  54 1 0 2.855441 -4.830964 0.860204  55 1 0 -2.909885 4.908656 -0.539280  56 1 0 -1.999124 4.861108 -2.040362 |
| TM\_NP\_model\_scan\_m\_160\_p\_150 | 1 6 0 -1.331043 -0.387694 -0.358384  2 6 0 -0.341548 -1.304572 0.009145  3 6 0 0.960835 -0.938359 0.355287  4 6 0 1.333950 0.431350 0.379816  5 6 0 0.339173 1.345483 0.007973  6 6 0 -0.964271 0.981063 -0.333218  7 6 0 2.737277 0.939449 0.491179  8 6 0 2.922779 2.246743 0.922039  9 6 0 4.192278 2.842976 1.028535  10 6 0 5.311230 2.146170 0.653458  11 6 0 5.183288 0.865090 0.064044  12 6 0 3.883076 0.271096 -0.089338  13 6 0 3.804216 -0.892384 -0.904905  14 6 0 4.926835 -1.491695 -1.424634  15 6 0 6.210421 -0.965475 -1.166159  16 6 0 6.327300 0.197389 -0.449553  17 6 0 -2.724021 -0.895624 -0.536879  18 6 0 -3.874922 -0.303575 0.103208  19 6 0 -5.166350 -0.895717 -0.109694  20 6 0 -5.278955 -2.096003 -0.853542  21 6 0 -4.155746 -2.717451 -1.335105  22 6 0 -2.891438 -2.125445 -1.156444  23 6 0 -3.804170 0.788589 1.012412  24 6 0 -4.932093 1.319150 1.591510  25 6 0 -6.207958 0.788591 1.302961  26 6 0 -6.314753 -0.302906 0.479755  27 6 0 1.826548 -1.985234 0.951317  28 7 0 1.578579 -3.224221 0.831222  29 6 0 2.451601 -4.163091 1.506655  30 6 0 -1.853610 2.030866 -0.884029  31 7 0 -1.609490 3.269048 -0.747077  32 6 0 -2.511521 4.215444 -1.372131  33 1 0 -0.584886 -2.354106 0.105443  34 1 0 0.576980 2.394402 -0.098949  35 1 0 2.070349 2.801782 1.293824  36 1 0 4.274820 3.847736 1.426813  37 1 0 6.300250 2.578695 0.760453  38 1 0 2.838117 -1.301590 -1.157868  39 1 0 4.820771 -2.368907 -2.052915  40 1 0 7.090512 -1.458126 -1.563569  41 1 0 7.300511 0.649259 -0.288291  42 1 0 -6.262295 -2.528310 -1.005075  43 1 0 -4.231920 -3.658484 -1.867755  44 1 0 -2.026826 -2.613700 -1.590171  45 1 0 -2.840996 1.198387 1.279075  46 1 0 -4.837742 2.145065 2.287532  47 1 0 -7.091850 1.225299 1.753847  48 1 0 -7.283219 -0.750756 0.282698  49 1 0 2.679326 -1.624031 1.540066  50 1 0 3.265309 -3.684380 2.071507  51 1 0 -2.724701 1.675611 -1.448832  52 1 0 -3.345654 3.742901 -1.911793  53 1 0 1.858324 -4.778148 2.190746  54 1 0 2.886813 -4.844146 0.768378  55 1 0 -2.918566 4.883355 -0.606391  56 1 0 -1.947495 4.843048 -2.069482 |
| TM\_NP\_model\_scan\_m\_160\_p\_160 | 1 6 0 -1.332851 0.412693 0.383367  2 6 0 -0.330550 1.324899 0.030010  3 6 0 0.969067 0.958205 -0.322795  4 6 0 1.332764 -0.412643 -0.383084  5 6 0 0.330515 -1.324822 -0.029620  6 6 0 -0.969112 -0.958113 0.323184  7 6 0 2.730612 -0.930184 -0.511021  8 6 0 2.902594 -2.227911 -0.975252  9 6 0 4.166139 -2.832885 -1.100647  10 6 0 5.292644 -2.155873 -0.711921  11 6 0 5.178583 -0.888240 -0.091401  12 6 0 3.884488 -0.286025 0.080483  13 6 0 3.819205 0.859438 0.922305  14 6 0 4.949156 1.436688 1.451019  15 6 0 6.226835 0.904328 1.176412  16 6 0 6.330444 -0.243168 0.433459  17 6 0 -2.730744 0.930149 0.511008  18 6 0 -3.884459 0.285914 -0.080705  19 6 0 -5.178592 0.888170 0.090782  20 6 0 -5.292821 2.155857 0.711140  21 6 0 -4.166415 2.832900 1.100142  22 6 0 -2.902862 2.227898 0.975151  23 6 0 -3.819013 -0.859678 -0.922355  24 6 0 -4.948837 -1.436943 -1.451309  25 6 0 -6.226581 -0.904500 -1.177126  26 6 0 -6.330341 0.243066 -0.434316  27 6 0 1.840052 2.013450 -0.896678  28 7 0 1.598934 3.250905 -0.749887  29 6 0 2.476340 4.199401 -1.406011  30 6 0 -1.840089 -2.013246 0.897259  31 7 0 -1.598859 -3.250738 0.750901  32 6 0 -2.476283 -4.199110 1.407174  33 1 0 -0.559609 2.377503 -0.058015  34 1 0 0.559587 -2.377415 0.058533  35 1 0 2.043591 -2.765635 -1.357204  36 1 0 4.238267 -3.828222 -1.523818  37 1 0 6.277234 -2.594868 -0.832549  38 1 0 2.857887 1.272005 1.187828  39 1 0 4.853471 2.300748 2.098881  40 1 0 7.112825 1.379708 1.581676  41 1 0 7.298863 -0.700211 0.258566  42 1 0 -6.277438 2.594875 0.831460  43 1 0 -4.238662 3.828274 1.523207  44 1 0 -2.043948 2.765634 1.357293  45 1 0 -2.857648 -1.272338 -1.187556  46 1 0 -4.852998 -2.301084 -2.099040  47 1 0 -7.112471 -1.379899 -1.582583  48 1 0 -7.298779 0.700182 -0.259716  49 1 0 2.690507 1.660488 -1.493595  50 1 0 3.287333 3.728526 -1.981226  51 1 0 -2.690629 -1.660143 1.493985  52 1 0 -3.287206 -3.728136 1.982410  53 1 0 1.885846 4.831446 -2.076895  54 1 0 2.915337 4.862703 -0.653966  55 1 0 -2.915403 -4.862450 0.655224  56 1 0 -1.885799 -4.831153 2.078065 |
| TM\_NP\_model\_scan\_p\_20\_m\_0 | 1 6 0 -1.403388 0.435925 -0.209452  2 6 0 -0.987236 -0.880505 0.057486  3 6 0 0.340406 -1.310250 0.104808  4 6 0 1.395233 -0.370302 -0.012443  5 6 0 0.993428 0.952715 -0.247007  6 6 0 -0.333870 1.376002 -0.309509  7 6 0 2.812827 -0.743611 -0.280724  8 6 0 3.103192 -1.982517 -0.833751  9 6 0 4.418896 -2.388364 -1.132175  10 6 0 5.476043 -1.567939 -0.839157  11 6 0 5.259358 -0.333505 -0.176895  12 6 0 3.923909 0.072891 0.158567  13 6 0 3.784802 1.232797 0.970422  14 6 0 4.873229 1.983271 1.348910  15 6 0 6.174871 1.620788 0.943755  16 6 0 6.358756 0.478553 0.206920  17 6 0 -2.811277 0.801722 0.144141  18 6 0 -3.927262 -0.113110 -0.047016  19 6 0 -5.237531 0.292210 0.382370  20 6 0 -5.460297 1.620169 0.823878  21 6 0 -4.437347 2.528331 0.796055  22 6 0 -3.139386 2.121102 0.430440  23 6 0 -3.843647 -1.365704 -0.718989  24 6 0 -4.929529 -2.201823 -0.839950  25 6 0 -6.180786 -1.843707 -0.299236  26 6 0 -6.328277 -0.611036 0.282948  27 6 0 0.569930 -2.712490 0.524641  28 7 0 -0.292971 -3.625458 0.336045  29 6 0 -0.014843 -4.947004 0.862648  30 6 0 -0.532460 2.772606 -0.771523  31 7 0 0.292432 3.700939 -0.506400  32 6 0 0.063560 5.006194 -1.094345  33 1 0 -1.712576 -1.629918 0.327992  34 1 0 1.734485 1.706080 -0.469209  35 1 0 2.291735 -2.618477 -1.161616  36 1 0 4.581275 -3.345823 -1.613902  37 1 0 6.491336 -1.858910 -1.086821  38 1 0 2.807146 1.524847 1.324488  39 1 0 4.727511 2.857157 1.973729  40 1 0 7.023569 2.228673 1.236140  41 1 0 7.356634 0.162420 -0.078813  42 1 0 -6.456516 1.908592 1.141687  43 1 0 -4.605537 3.560469 1.081468  44 1 0 -2.352045 2.850827 0.546218  45 1 0 -2.919204 -1.666393 -1.186836  46 1 0 -4.819464 -3.141147 -1.369931  47 1 0 -7.023720 -2.520675 -0.378871  48 1 0 -7.296464 -0.287851 0.651040  49 1 0 1.513272 -2.912182 1.049940  50 1 0 0.959207 -5.027602 1.368715  51 1 0 -1.407563 2.947493 -1.412725  52 1 0 -0.843427 5.060928 -1.715667  53 1 0 -0.803295 -5.224889 1.569314  54 1 0 -0.053275 -5.676030 0.047107  55 1 0 -0.004959 5.753934 -0.297992  56 1 0 0.927829 5.279668 -1.707886 |
| TM\_NP\_model\_scan\_p\_20\_m\_10 | 1 6 0 1.401911 0.398541 0.115550  2 6 0 0.975373 -0.912789 -0.149419  3 6 0 -0.358697 -1.322697 -0.176734  4 6 0 -1.398198 -0.369469 -0.017218  5 6 0 -0.978324 0.944857 0.233031  6 6 0 0.355766 1.351971 0.266714  7 6 0 -2.813721 -0.732350 0.278318  8 6 0 -3.105528 -1.977933 0.815152  9 6 0 -4.418691 -2.375630 1.135069  10 6 0 -5.473087 -1.539248 0.880157  11 6 0 -5.257565 -0.295150 0.235808  12 6 0 -3.925402 0.103546 -0.121562  13 6 0 -3.791954 1.276681 -0.915198  14 6 0 -4.880321 2.045036 -1.256055  15 6 0 -6.176568 1.688629 -0.828893  16 6 0 -6.356366 0.535030 -0.108979  17 6 0 2.811548 0.758151 -0.222193  18 6 0 3.927223 -0.122732 0.069447  19 6 0 5.248876 0.276326 -0.327083  20 6 0 5.464663 1.566216 -0.873512  21 6 0 4.421964 2.445753 -0.988756  22 6 0 3.116720 2.046138 -0.640903  23 6 0 3.818696 -1.338799 0.800842  24 6 0 4.908072 -2.146586 1.030246  25 6 0 6.183928 -1.792243 0.545746  26 6 0 6.346430 -0.596464 -0.105819  27 6 0 -0.618432 -2.714349 -0.614360  28 7 0 0.234325 -3.643110 -0.460399  29 6 0 -0.075917 -4.950962 -1.003044  30 6 0 0.602870 2.740524 0.725053  31 7 0 -0.235773 3.676142 0.539628  32 6 0 0.054414 4.976030 1.111913  33 1 0 1.695360 -1.666884 -0.427416  34 1 0 -1.705196 1.701447 0.489194  35 1 0 -2.294210 -2.628252 1.113794  36 1 0 -4.580713 -3.340072 1.602795  37 1 0 -6.485840 -1.824231 1.144635  38 1 0 -2.819200 1.565118 -1.285290  39 1 0 -4.738969 2.928660 -1.868054  40 1 0 -7.024941 2.310532 -1.091186  41 1 0 -7.351023 0.223997 0.193118  42 1 0 6.469510 1.850707 -1.166941  43 1 0 4.583969 3.447499 -1.370060  44 1 0 2.313945 2.739127 -0.849898  45 1 0 2.867490 -1.630884 1.219352  46 1 0 4.782474 -3.060268 1.600101  47 1 0 7.031699 -2.446183 0.715625  48 1 0 7.328673 -0.281979 -0.442926  49 1 0 -1.575834 -2.890754 -1.122311  50 1 0 -1.061786 -5.007605 -1.489137  51 1 0 1.534180 2.905469 1.283657  52 1 0 1.015562 5.021531 1.646369  53 1 0 0.692749 -5.228924 -1.731160  54 1 0 -0.031646 -5.694463 -0.200978  55 1 0 0.053263 5.728880 0.317408  56 1 0 -0.747464 5.250153 1.804810 |
| TM\_NP\_model\_scan\_p\_20\_m\_20 | 1 6 0 1.400007 -0.362733 -0.026658  2 6 0 0.962330 0.943225 0.234576  3 6 0 -0.377783 1.333365 0.242281  4 6 0 -1.400709 0.367620 0.043916  5 6 0 -0.961878 -0.937805 -0.219778  6 6 0 0.378218 -1.328397 -0.226453  7 6 0 -2.814082 0.719207 -0.277554  8 6 0 -3.109209 1.970004 -0.800057  9 6 0 -4.420011 2.358631 -1.140290  10 6 0 -5.469863 1.506861 -0.920488  11 6 0 -5.253378 0.254851 -0.291955  12 6 0 -3.924276 -0.135138 0.086088  13 6 0 -3.794118 -1.319477 0.863542  14 6 0 -4.880608 -2.104687 1.170190  15 6 0 -6.171811 -1.755474 0.722352  16 6 0 -6.349657 -0.592519 0.017190  17 6 0 2.814646 -0.714810 0.286575  18 6 0 3.923788 0.131580 -0.095927  19 6 0 5.254703 -0.257844 0.275747  20 6 0 5.471817 -1.500933 0.921600  21 6 0 4.420619 -2.344699 1.165376  22 6 0 3.108320 -1.956949 0.829708  23 6 0 3.789089 1.307842 -0.884593  24 6 0 4.875018 2.086001 -1.210446  25 6 0 6.169539 1.736847 -0.771943  26 6 0 6.350713 0.581827 -0.054610  27 6 0 -0.667227 2.714809 0.693906  28 7 0 0.174647 3.658120 0.572380  29 6 0 -0.167439 4.952903 1.127124  30 6 0 0.669804 -2.710481 -0.674063  31 7 0 -0.173894 -3.652776 -0.557067  32 6 0 0.171260 -4.949111 -1.106181  33 1 0 1.675695 1.703600 0.517212  34 1 0 -1.674074 -1.697668 -0.506154  35 1 0 -2.299561 2.634052 -1.071705  36 1 0 -4.583244 3.328846 -1.595500  37 1 0 -6.480238 1.785072 -1.200805  38 1 0 -2.825853 -1.603400 1.248545  39 1 0 -4.741898 -2.996379 1.771001  40 1 0 -7.018404 -2.390590 0.957295  41 1 0 -7.341333 -0.287411 -0.300364  42 1 0 6.483560 -1.778761 1.197332  43 1 0 4.584395 -3.307584 1.635703  44 1 0 2.297590 -2.613537 1.116484  45 1 0 2.817370 1.590919 -1.261689  46 1 0 4.733422 2.972029 -1.818913  47 1 0 7.015877 2.366180 -1.022853  48 1 0 7.344480 0.277608 0.257205  49 1 0 -1.637736 2.869549 1.183730  50 1 0 -1.163775 4.986795 1.593679  51 1 0 1.644039 -2.867179 -1.155660  52 1 0 1.170976 -4.984925 -1.565292  53 1 0 0.581809 5.232452 1.874602  54 1 0 -0.119016 5.708625 0.336793  55 1 0 0.116410 -5.702896 -0.314413  56 1 0 -0.572684 -5.229900 -1.858482 |
| TM\_NP\_model\_scan\_p\_20\_m\_30 | 1 6 0 1.397879 -0.331955 0.058381  2 6 0 0.949510 0.968491 0.316478  3 6 0 -0.395679 1.341040 0.303733  4 6 0 -1.402134 0.364811 0.068529  5 6 0 -0.944990 -0.931689 -0.207782  6 6 0 0.399997 -1.307090 -0.189238  7 6 0 -2.812891 0.706059 -0.277397  8 6 0 -3.111950 1.961539 -0.786025  9 6 0 -4.420270 2.341598 -1.145133  10 6 0 -5.464784 1.475639 -0.958302  11 6 0 -5.246550 0.216542 -0.344704  12 6 0 -3.920579 -0.165273 0.052366  13 6 0 -3.792565 -1.359733 0.814657  14 6 0 -4.876259 -2.160289 1.089779  15 6 0 -6.162517 -1.817832 0.622909  16 6 0 -6.339355 -0.646574 -0.068603  17 6 0 2.819675 -0.674853 0.342361  18 6 0 3.916017 0.137070 -0.126346  19 6 0 5.255942 -0.235414 0.227590  20 6 0 5.484012 -1.422197 0.968755  21 6 0 4.434422 -2.226641 1.328994  22 6 0 3.114030 -1.857091 1.003030  23 6 0 3.752064 1.267318 -0.973784  24 6 0 4.828172 2.015823 -1.388226  25 6 0 6.137977 1.678421 -0.985205  26 6 0 6.342641 0.570553 -0.202351  27 6 0 -0.712599 2.713086 0.765717  28 7 0 0.118371 3.669113 0.672206  29 6 0 -0.252971 4.952300 1.234927  30 6 0 0.730496 -2.684396 -0.620717  31 7 0 -0.113042 -3.632260 -0.559988  32 6 0 0.278689 -4.927722 -1.078702  33 1 0 1.655999 1.734750 0.604078  34 1 0 -1.642979 -1.694020 -0.521625  35 1 0 -2.304763 2.638312 -1.032303  36 1 0 -4.585323 3.317036 -1.588381  37 1 0 -6.472693 1.747519 -1.253326  38 1 0 -2.828584 -1.639388 1.213245  39 1 0 -4.739398 -3.059140 1.680270  40 1 0 -7.006637 -2.464931 0.832700  41 1 0 -7.328084 -0.347057 -0.400360  42 1 0 6.502507 -1.688095 1.231171  43 1 0 4.607861 -3.143082 1.881518  44 1 0 2.302220 -2.478218 1.360268  45 1 0 2.763387 1.537227 -1.316691  46 1 0 4.668319 2.869253 -2.037421  47 1 0 6.977183 2.282977 -1.310199  48 1 0 7.346684 0.281608 0.090502  49 1 0 -1.694488 2.848766 1.238238  50 1 0 -1.258182 4.966376 1.683171  51 1 0 1.736864 -2.835479 -1.032186  52 1 0 1.307098 -4.956965 -1.469730  53 1 0 0.478166 5.234256 1.999253  54 1 0 -0.201116 5.717641 0.454108  55 1 0 0.177256 -5.678384 -0.288527  56 1 0 -0.411178 -5.218179 -1.877434 |
| TM\_NP\_model\_scan\_p\_20\_m\_40 | 1 6 0 1.396503 -0.302956 0.151180  2 6 0 0.935437 0.991630 0.405511  3 6 0 -0.414237 1.346801 0.370035  4 6 0 -1.402981 0.360716 0.098475  5 6 0 -0.926413 -0.926933 -0.185804  6 6 0 0.422837 -1.286750 -0.140147  7 6 0 -2.809717 0.691209 -0.275615  8 6 0 -3.111743 1.950008 -0.773967  9 6 0 -4.416017 2.320603 -1.157048  10 6 0 -5.454563 1.440820 -1.005228  11 6 0 -5.235756 0.176174 -0.403352  12 6 0 -3.914672 -0.196319 0.018225  13 6 0 -3.790468 -1.399041 0.768127  14 6 0 -4.871004 -2.214686 1.009069  15 6 0 -6.150262 -1.880412 0.517670  16 6 0 -6.324661 -0.702372 -0.162845  17 6 0 2.827487 -0.630716 0.405370  18 6 0 3.902674 0.141437 -0.159591  19 6 0 5.254372 -0.204981 0.173998  20 6 0 5.506800 -1.319920 1.012862  21 6 0 4.469779 -2.077504 1.492930  22 6 0 3.138327 -1.734951 1.181042  23 6 0 3.700544 1.210787 -1.074595  24 6 0 4.758652 1.922694 -1.587320  25 6 0 6.084508 1.605699 -1.219869  26 6 0 6.322380 0.559888 -0.364041  27 6 0 -0.759212 2.709817 0.838854  28 7 0 0.060328 3.677870 0.772784  29 6 0 -0.340703 4.950256 1.339555  30 6 0 0.790325 -2.660371 -0.549466  31 7 0 -0.050786 -3.612436 -0.548311  32 6 0 0.385899 -4.908325 -1.028225  33 1 0 1.633371 1.764583 0.698743  34 1 0 -1.608742 -1.692720 -0.524927  35 1 0 -2.307098 2.638862 -0.993515  36 1 0 -4.582094 3.300132 -1.590797  37 1 0 -6.458700 1.705515 -1.319048  38 1 0 -2.832427 -1.673106 1.184498  39 1 0 -4.737331 -3.119354 1.591363  40 1 0 -6.991578 -2.539289 0.700292  41 1 0 -7.309019 -0.409438 -0.512972  42 1 0 6.533965 -1.567495 1.259089  43 1 0 4.663310 -2.935346 2.126916  44 1 0 2.334479 -2.318722 1.613410  45 1 0 2.695181 1.461963 -1.383292  46 1 0 4.573153 2.731550 -2.284966  47 1 0 6.909816 2.179885 -1.625538  48 1 0 7.337992 0.292399 -0.091350  49 1 0 -1.752665 2.827393 1.291700  50 1 0 -1.354509 4.945687 1.768252  51 1 0 1.825429 -2.807670 -0.882571  52 1 0 1.441130 -4.933910 -1.339813  53 1 0 0.371340 5.236080 2.120298  54 1 0 -0.285093 5.723293 0.566591  55 1 0 0.228648 -5.654941 -0.243350  56 1 0 -0.240057 -5.207210 -1.875061 |
| TM\_NP\_model\_scan\_p\_20\_m\_50 | 1 6 0 -1.397261 -0.268615 -0.253712  2 6 0 -0.918954 1.019503 -0.499620  3 6 0 0.435301 1.354430 -0.439651  4 6 0 1.403129 0.356082 -0.135809  5 6 0 0.903880 -0.923244 0.146297  6 6 0 -0.449508 -1.264299 0.070181  7 6 0 2.804503 0.672068 0.271723  8 6 0 3.109384 1.930904 0.768063  9 6 0 4.407605 2.288170 1.183167  10 6 0 5.438224 1.393800 1.067222  11 6 0 5.219205 0.127020 0.469936  12 6 0 3.905401 -0.231779 0.014984  13 6 0 3.786214 -1.438856 -0.728716  14 6 0 4.861971 -2.270653 -0.932834  15 6 0 6.131298 -1.949352 -0.408131  16 6 0 6.302440 -0.767917 0.267304  17 6 0 -2.839015 -0.570812 -0.484382  18 6 0 -3.882569 0.143660 0.196840  19 6 0 -5.248849 -0.163880 -0.112680  20 6 0 -5.540893 -1.176984 -1.060927  21 6 0 -4.528638 -1.870983 -1.673058  22 6 0 -3.182799 -1.568673 -1.378735  23 6 0 -3.629434 1.122288 1.196314  24 6 0 -4.658698 1.780620 1.825567  25 6 0 -6.002139 1.496423 1.495243  26 6 0 -6.286381 0.541934 0.551082  27 6 0 0.811682 2.708643 -0.909892  28 7 0 0.005544 3.689323 -0.871945  29 6 0 0.440062 4.951088 -1.437587  30 6 0 -0.854725 -2.634502 0.451593  31 7 0 -0.021311 -3.591165 0.516245  32 6 0 -0.502998 -4.886833 0.951153  33 1 0 -1.605210 1.802222 -0.796458  34 1 0 1.567526 -1.696255 0.505682  35 1 0 2.308216 2.631710 0.960730  36 1 0 4.574558 3.269215 1.613148  37 1 0 6.436815 1.648080 1.406324  38 1 0 2.836512 -1.703299 -1.169653  39 1 0 4.732564 -3.178224 -1.511567  40 1 0 6.968416 -2.620899 -0.561552  41 1 0 7.280471 -0.485078 0.642554  42 1 0 -6.578675 -1.396533 -1.288678  43 1 0 -4.754016 -2.647874 -2.394840  44 1 0 -2.396488 -2.104973 -1.897548  45 1 0 -2.607007 1.346019 1.469918  46 1 0 -4.437761 2.521775 2.585336  47 1 0 -6.804663 2.026646 1.995504  48 1 0 -7.315386 0.305353 0.300871  49 1 0 1.817572 2.807675 -1.339196  50 1 0 1.463458 4.927596 -1.842224  51 1 0 -1.914520 -2.777113 0.697125  52 1 0 -1.580305 -4.907669 1.175005  53 1 0 -0.248852 5.242743 -2.236702  54 1 0 0.378673 5.730305 -0.671273  55 1 0 -0.286123 -5.629961 0.177249  56 1 0 0.049956 -5.194059 1.844531 |
| TM\_NP\_model\_scan\_p\_20\_m\_60 | 1 6 0 -1.399121 -0.222431 -0.351740  2 6 0 -0.899286 1.058960 -0.581211  3 6 0 0.459657 1.370304 -0.494668  4 6 0 1.403673 0.355429 -0.169433  5 6 0 0.878646 -0.916123 0.100073  6 6 0 -0.478669 -1.234131 -0.006854  7 6 0 2.800285 0.648992 0.271560  8 6 0 3.113385 1.902313 0.776485  9 6 0 4.406558 2.237844 1.224381  10 6 0 5.424739 1.326459 1.134010  11 6 0 5.199883 0.063921 0.529968  12 6 0 3.892361 -0.272347 0.041019  13 6 0 3.772377 -1.476115 -0.707887  14 6 0 4.838807 -2.325770 -0.885403  15 6 0 6.099176 -2.026869 -0.326920  16 6 0 6.272671 -0.849148 0.354380  17 6 0 -2.851608 -0.491885 -0.568290  18 6 0 -3.859261 0.139104 0.234164  19 6 0 -5.239381 -0.118385 -0.057335  20 6 0 -5.576778 -0.995800 -1.119210  21 6 0 -4.595491 -1.603861 -1.860046  22 6 0 -3.235594 -1.351014 -1.580369  23 6 0 -3.552707 0.991353 1.329586  24 6 0 -4.548194 1.573315 2.076994  25 6 0 -5.907096 1.333887 1.773931  26 6 0 -6.240970 0.504322 0.732655  27 6 0 0.869713 2.718331 -0.954257  28 7 0 0.079491 3.712417 -0.936105  29 6 0 0.549496 4.967026 -1.488945  30 6 0 -0.921514 -2.601530 0.338811  31 7 0 -0.102713 -3.564360 0.466671  32 6 0 -0.627309 -4.860025 0.848104  33 1 0 -1.570552 1.855106 -0.877760  34 1 0 1.521479 -1.701068 0.471393  35 1 0 2.319386 2.616105 0.950189  36 1 0 4.578806 3.215796 1.659293  37 1 0 6.418471 1.563806 1.498693  38 1 0 2.830150 -1.723395 -1.174093  39 1 0 4.709286 -3.230167 -1.469065  40 1 0 6.928470 -2.712439 -0.459382  41 1 0 7.245274 -0.583305 0.755283  42 1 0 -6.624511 -1.179563 -1.332752  43 1 0 -4.856475 -2.274726 -2.670723  44 1 0 -2.472610 -1.821784 -2.190212  45 1 0 -2.515960 1.178840 1.576967  46 1 0 -4.289595 2.219565 2.908194  47 1 0 -6.682705 1.802005 2.369546  48 1 0 -7.282133 0.307143 0.499100  49 1 0 1.887560 2.800646 -1.358246  50 1 0 1.582105 4.926497 -1.868023  51 1 0 -1.999130 -2.738229 0.493651  52 1 0 -1.719208 -4.874204 0.984409  53 1 0 -0.114246 5.271459 -2.304448  54 1 0 0.482383 5.746333 -0.723187  55 1 0 -0.354424 -5.597196 0.086279  56 1 0 -0.149965 -5.180371 1.779621 |
| TM\_NP\_model\_scan\_p\_20\_m\_70 | 1 6 0 -1.400697 -0.140564 -0.436875  2 6 0 -0.868882 1.131940 -0.633421  3 6 0 0.496330 1.407667 -0.517978  4 6 0 1.408460 0.364460 -0.190900  5 6 0 0.848323 -0.898313 0.047592  6 6 0 -0.514124 -1.180278 -0.091390  7 6 0 2.802911 0.616251 0.282529  8 6 0 3.137070 1.852853 0.814242  9 6 0 4.428557 2.147271 1.295031  10 6 0 5.424734 1.211258 1.211373  11 6 0 5.180907 -0.034731 0.580901  12 6 0 3.876252 -0.328301 0.058158  13 6 0 3.742287 -1.514560 -0.715864  14 6 0 4.790257 -2.388244 -0.886276  15 6 0 6.045024 -2.132637 -0.294658  16 6 0 6.233514 -0.972242 0.411925  17 6 0 -2.862630 -0.366274 -0.656462  18 6 0 -3.838186 0.130521 0.267634  19 6 0 -5.228496 -0.075577 -0.014375  20 6 0 -5.605090 -0.766808 -1.194325  21 6 0 -4.652211 -1.240736 -2.059781  22 6 0 -3.281582 -1.039049 -1.787158  23 6 0 -3.486597 0.805486 1.467919  24 6 0 -4.451824 1.263381 2.332117  25 6 0 -5.821856 1.070084 2.045450  26 6 0 -6.197760 0.414125 0.899595  27 6 0 0.948885 2.751683 -0.948063  28 7 0 0.182017 3.764024 -0.936105  29 6 0 0.695249 5.014224 -1.459535  30 6 0 -1.002863 -2.543850 0.201160  31 7 0 -0.212418 -3.521506 0.382574  32 6 0 -0.786570 -4.814705 0.694031  33 1 0 -1.517493 1.950140 -0.920666  34 1 0 1.464559 -1.705850 0.415771  35 1 0 2.358206 2.584226 0.983418  36 1 0 4.616392 3.113262 1.749779  37 1 0 6.415979 1.416673 1.601337  38 1 0 2.804681 -1.728270 -1.207318  39 1 0 4.650775 -3.278012 -1.489795  40 1 0 6.859197 -2.837089 -0.421746  41 1 0 7.203570 -0.738990 0.838476  42 1 0 -6.660187 -0.914478 -1.399617  43 1 0 -4.943980 -1.767161 -2.961528  44 1 0 -2.540199 -1.407015 -2.487728  45 1 0 -2.439658 0.957139 1.698045  46 1 0 -4.161441 1.776327 3.242058  47 1 0 -6.573293 1.438691 2.734632  48 1 0 -7.247827 0.257313 0.675505  49 1 0 1.978185 2.815284 -1.325600  50 1 0 1.736274 4.954409 -1.812113  51 1 0 -2.091854 -2.664864 0.261891  52 1 0 -1.886116 -4.813104 0.737722  53 1 0 0.060426 5.344624 -2.287895  54 1 0 0.625939 5.785016 -0.685399  55 1 0 -0.461536 -5.542644 -0.056147  56 1 0 -0.394161 -5.159262 1.656062 |
| TM\_NP\_model\_scan\_p\_20\_m\_80 | 1 6 0 -1.403409 -0.029630 -0.515453  2 6 0 -0.832236 1.231211 -0.663887  3 6 0 0.539135 1.461810 -0.518376  4 6 0 1.414183 0.381818 -0.210877  5 6 0 0.813736 -0.871750 -0.026677  6 6 0 -0.553973 -1.107171 -0.195773  7 6 0 2.804775 0.575265 0.300245  8 6 0 3.162989 1.781301 0.883870  9 6 0 4.450689 2.017568 1.405497  10 6 0 5.420021 1.054796 1.310383  11 6 0 5.154584 -0.158737 0.627598  12 6 0 3.854821 -0.392072 0.064118  13 6 0 3.704418 -1.543048 -0.758575  14 6 0 4.729834 -2.441113 -0.939006  15 6 0 5.976979 -2.246935 -0.309061  16 6 0 6.182715 -1.120883 0.446518  17 6 0 -2.874931 -0.199990 -0.733076  18 6 0 -3.813258 0.114775 0.301479  19 6 0 -5.213875 -0.036731 0.038040  20 6 0 -5.636335 -0.492067 -1.237231  21 6 0 -4.717834 -0.788595 -2.211951  22 6 0 -3.336390 -0.641444 -1.956215  23 6 0 -3.412292 0.562332 1.589225  24 6 0 -4.341749 0.850777 2.559273  25 6 0 -5.722526 0.706416 2.295484  26 6 0 -6.145279 0.272223 1.063528  27 6 0 1.039186 2.805096 -0.894360  28 7 0 0.300254 3.837831 -0.870019  29 6 0 0.860931 5.088512 -1.340771  30 6 0 -1.089246 -2.467199 0.021368  31 7 0 -0.333958 -3.468150 0.223511  32 6 0 -0.954728 -4.758305 0.444878  33 1 0 -1.453068 2.078295 -0.927985  34 1 0 1.400088 -1.710851 0.319302  35 1 0 2.402506 2.529695 1.062291  36 1 0 4.656331 2.959898 1.900418  37 1 0 6.407094 1.214976 1.730949  38 1 0 2.773125 -1.708644 -1.279757  39 1 0 4.578791 -3.302355 -1.579973  40 1 0 6.772713 -2.970543 -0.445024  41 1 0 7.148782 -0.933770 0.903776  42 1 0 -6.698817 -0.600896 -1.428240  43 1 0 -5.045018 -1.134396 -3.186034  44 1 0 -2.621926 -0.874589 -2.737896  45 1 0 -2.356389 0.676742 1.799985  46 1 0 -4.015220 1.192084 3.535171  47 1 0 -6.445288 0.939067 3.069426  48 1 0 -7.203961 0.157789 0.854807  49 1 0 2.079413 2.851396 -1.243365  50 1 0 1.909793 5.011007 -1.665589  51 1 0 -2.182230 -2.564988 0.001988  52 1 0 -2.054081 -4.734306 0.404436  53 1 0 0.259151 5.460019 -2.176373  54 1 0 0.789320 5.837786 -0.546033  55 1 0 -0.586704 -5.467425 -0.303414  56 1 0 -0.644076 -5.143138 1.421412 |
| TM\_NP\_model\_scan\_p\_20\_m\_90 | 1 6 0 -1.404255 0.107580 -0.547797  2 6 0 -0.790100 1.354070 -0.624248  3 6 0 0.587106 1.530130 -0.456647  4 6 0 1.422722 0.406422 -0.201922  5 6 0 0.779541 -0.835157 -0.094830  6 6 0 -0.593184 -1.014921 -0.288615  7 6 0 2.812921 0.525052 0.332522  8 6 0 3.202723 1.684535 0.986123  9 6 0 4.491545 1.849717 1.531933  10 6 0 5.431304 0.863559 1.390578  11 6 0 5.135267 -0.300248 0.637590  12 6 0 3.834678 -0.460103 0.050876  13 6 0 3.657122 -1.557219 -0.837430  14 6 0 4.656091 -2.475352 -1.060197  15 6 0 5.902364 -2.356360 -0.410085  16 6 0 6.135100 -1.282200 0.410395  17 6 0 -2.881702 0.003978 -0.770674  18 6 0 -3.798021 0.082986 0.326449  19 6 0 -5.204235 -0.003304 0.064603  20 6 0 -5.654205 -0.160683 -1.271526  21 6 0 -4.756696 -0.230352 -2.306402  22 6 0 -3.369277 -0.147921 -2.052158  23 6 0 -3.369030 0.242533 1.671717  24 6 0 -4.277224 0.309900 2.700734  25 6 0 -5.663467 0.223204 2.440561  26 6 0 -6.113160 0.071329 1.152198  27 6 0 1.134919 2.873765 -0.756856  28 7 0 0.429060 3.927554 -0.689418  29 6 0 1.035324 5.181107 -1.090756  30 6 0 -1.173354 -2.369045 -0.174327  31 7 0 -0.456766 -3.398632 0.024294  32 6 0 -1.119678 -4.682145 0.132930  33 1 0 -1.380478 2.235520 -0.841555  34 1 0 1.334937 -1.712734 0.203708  35 1 0 2.464106 2.445519 1.199887  36 1 0 4.721252 2.755584 2.081346  37 1 0 6.418392 0.968191 1.828226  38 1 0 2.726596 -1.663725 -1.375132  39 1 0 4.485044 -3.293884 -1.750251  40 1 0 6.676731 -3.095615 -0.580862  41 1 0 7.101877 -1.151696 0.885442  42 1 0 -6.720806 -0.223483 -1.460203  43 1 0 -5.104819 -0.348494 -3.326348  44 1 0 -2.671397 -0.204495 -2.880096  45 1 0 -2.308778 0.316138 1.879377  46 1 0 -3.929694 0.432909 3.720322  47 1 0 -6.369408 0.278884 3.261570  48 1 0 -7.176417 0.006155 0.945490  49 1 0 2.180582 2.903513 -1.090985  50 1 0 2.085805 5.086090 -1.405581  51 1 0 -2.264576 -2.436945 -0.270931  52 1 0 -2.212468 -4.628292 0.016166  53 1 0 0.457555 5.611568 -1.914959  54 1 0 0.975661 5.892828 -0.261307  55 1 0 -0.714123 -5.361548 -0.623459  56 1 0 -0.888470 -5.123570 1.107556 |
| TM\_NP\_model\_scan\_p\_20\_m\_100 | 1 6 0 -1.402431 0.236126 -0.539158  2 6 0 -0.750263 1.465550 -0.545311  3 6 0 0.631169 1.590664 -0.367002  4 6 0 1.432379 0.430259 -0.175557  5 6 0 0.752079 -0.795804 -0.140648  6 6 0 -0.624389 -0.923480 -0.347183  7 6 0 2.825179 0.477373 0.363274  8 6 0 3.248664 1.587055 1.079489  9 6 0 4.542322 1.685276 1.629937  10 6 0 5.453655 0.682614 1.430788  11 6 0 5.123770 -0.428530 0.614895  12 6 0 3.818381 -0.518953 0.023877  13 6 0 3.609295 -1.559146 -0.924098  14 6 0 4.581658 -2.491201 -1.200294  15 6 0 5.831449 -2.443776 -0.547806  16 6 0 6.095229 -1.423893 0.330557  17 6 0 -2.882586 0.195610 -0.760055  18 6 0 -3.791479 0.039942 0.336091  19 6 0 -5.199994 0.022100 0.072706  20 6 0 -5.660600 0.166534 -1.261298  21 6 0 -4.771084 0.326609 -2.292813  22 6 0 -3.381528 0.342248 -2.037991  23 6 0 -3.354284 -0.089465 1.681855  24 6 0 -4.255993 -0.238207 2.708169  25 6 0 -5.644102 -0.263889 2.445230  26 6 0 -6.101957 -0.134729 1.157342  27 6 0 1.218404 2.932679 -0.589655  28 7 0 0.543606 4.001156 -0.461740  29 6 0 1.187290 5.257348 -0.789785  30 6 0 -1.240230 -2.266795 -0.338121  31 7 0 -0.559938 -3.323037 -0.152365  32 6 0 -1.254668 -4.594192 -0.162210  33 1 0 -1.313807 2.375882 -0.707629  34 1 0 1.280763 -1.706173 0.103161  35 1 0 2.532118 2.355412 1.337311  36 1 0 4.798201 2.552266 2.228316  37 1 0 6.443938 0.734800 1.870593  38 1 0 2.675697 -1.608798 -1.464671  39 1 0 4.386889 -3.264597 -1.934709  40 1 0 6.584483 -3.193801 -0.761560  41 1 0 7.065822 -1.347260 0.809517  42 1 0 -6.728927 0.151586 -1.450011  43 1 0 -5.126889 0.440523 -3.310562  44 1 0 -2.689888 0.465074 -2.863916  45 1 0 -2.292808 -0.063252 1.894198  46 1 0 -3.901565 -0.332953 3.728406  47 1 0 -6.344804 -0.381598 3.264163  48 1 0 -7.166791 -0.147979 0.948933  49 1 0 2.264898 2.950991 -0.921934  50 1 0 2.234790 5.149695 -1.110453  51 1 0 -2.324052 -2.302659 -0.506902  52 1 0 -2.336284 -4.507412 -0.344576  53 1 0 0.623387 5.752270 -1.586976  54 1 0 1.148143 5.920831 0.079909  55 1 0 -0.814969 -5.238319 -0.930339  56 1 0 -1.096015 -5.096928 0.797115 |
| TM\_NP\_model\_scan\_p\_20\_m\_110 | 1 6 0 -1.402849 0.338668 -0.529946  2 6 0 -0.720441 1.551310 -0.480977  3 6 0 0.663511 1.636589 -0.301059  4 6 0 1.438264 0.451052 -0.163256  5 6 0 0.730311 -0.759447 -0.190638  6 6 0 -0.648418 -0.846280 -0.401902  7 6 0 2.829769 0.441324 0.380724  8 6 0 3.274088 1.506366 1.150198  9 6 0 4.566836 1.550033 1.709530  10 6 0 5.456612 0.537565 1.467488  11 6 0 5.106322 -0.526651 0.599056  12 6 0 3.802465 -0.559947 -0.001422  13 6 0 3.575815 -1.549064 -0.998693  14 6 0 4.528613 -2.488846 -1.314154  15 6 0 5.775235 -2.500665 -0.654059  16 6 0 6.056707 -1.529406 0.272604  17 6 0 -2.885968 0.350776 -0.721300  18 6 0 -3.780682 -0.008911 0.339739  19 6 0 -5.193296 0.039771 0.102445  20 6 0 -5.673352 0.456269 -1.165834  21 6 0 -4.798531 0.820060 -2.157271  22 6 0 -3.405670 0.769402 -1.929888  23 6 0 -3.328281 -0.392577 1.631224  24 6 0 -4.217480 -0.730576 2.622997  25 6 0 -5.608936 -0.700560 2.380244  26 6 0 -6.082154 -0.320507 1.148877  27 6 0 1.281091 2.974003 -0.459811  28 7 0 0.630016 4.050537 -0.284895  29 6 0 1.304018 5.305589 -0.550484  30 6 0 -1.285644 -2.177529 -0.488299  31 7 0 -0.634353 -3.253524 -0.312576  32 6 0 -1.345250 -4.510147 -0.431294  33 1 0 -1.263382 2.481744 -0.591360  34 1 0 1.238464 -1.693315 0.002492  35 1 0 2.573190 2.277201 1.441229  36 1 0 4.838798 2.382121 2.348949  37 1 0 6.445503 0.546868 1.913384  38 1 0 2.644624 -1.551259 -1.545662  39 1 0 4.320975 -3.221805 -2.085569  40 1 0 6.512470 -3.256782 -0.899068  41 1 0 7.025931 -1.497528 0.759356  42 1 0 -6.744601 0.487908 -1.334832  43 1 0 -5.168693 1.145173 -3.123014  44 1 0 -2.726177 1.051058 -2.726440  45 1 0 -2.264932 -0.407869 1.833948  46 1 0 -3.849758 -1.017172 3.601834  47 1 0 -6.299655 -0.971070 3.170921  48 1 0 -7.149644 -0.284891 0.957453  49 1 0 2.329245 2.984092 -0.787170  50 1 0 2.350053 5.188858 -0.872766  51 1 0 -2.356848 -2.186168 -0.725508  52 1 0 -2.412664 -4.395192 -0.672205  53 1 0 0.755126 5.851562 -1.324462  54 1 0 1.276980 5.927170 0.350088  55 1 0 -0.869580 -5.120433 -1.205638  56 1 0 -1.251293 -5.065355 0.507316 |
| TM\_NP\_model\_scan\_p\_20\_m\_120 | 1 6 0 -1.401767 0.411427 -0.515847  2 6 0 -0.695737 1.609913 -0.431383  3 6 0 0.689193 1.667035 -0.252714  4 6 0 1.444365 0.465519 -0.149614  5 6 0 0.715472 -0.730915 -0.213485  6 6 0 -0.664529 -0.789009 -0.425599  7 6 0 2.834902 0.415827 0.393925  8 6 0 3.296853 1.449813 1.194756  9 6 0 4.589924 1.455015 1.754857  10 6 0 5.462821 0.435651 1.482135  11 6 0 5.095178 -0.595853 0.581937  12 6 0 3.791019 -0.589425 -0.018790  13 6 0 3.548636 -1.543274 -1.046264  14 6 0 4.486248 -2.487909 -1.391367  15 6 0 5.732338 -2.540513 -0.732280  16 6 0 6.029197 -1.603381 0.224214  17 6 0 -2.886460 0.463163 -0.672642  18 6 0 -3.776380 -0.053252 0.328912  19 6 0 -5.190888 0.050833 0.118617  20 6 0 -5.679519 0.686978 -1.050923  21 6 0 -4.810627 1.216486 -1.970275  22 6 0 -3.417528 1.108348 -1.773450  23 6 0 -3.322376 -0.633169 1.544884  24 6 0 -4.208647 -1.115044 2.478107  25 6 0 -5.601048 -1.042284 2.251311  26 6 0 -6.076857 -0.467497 1.099503  27 6 0 1.328586 2.998522 -0.370906  28 7 0 0.694995 4.080032 -0.165334  29 6 0 1.390440 5.331122 -0.391526  30 6 0 -1.312825 -2.109068 -0.583198  31 7 0 -0.685467 -3.198442 -0.403394  32 6 0 -1.402326 -4.440956 -0.606066  33 1 0 -1.222502 2.553232 -0.504483  34 1 0 1.207993 -1.679267 -0.053178  35 1 0 2.608655 2.222974 1.508945  36 1 0 4.875571 2.262757 2.419036  37 1 0 6.451665 0.415117 1.927762  38 1 0 2.617904 -1.512931 -1.593178  39 1 0 4.267163 -3.192685 -2.185540  40 1 0 6.457351 -3.300405 -1.000919  41 1 0 6.998701 -1.602398 0.711466  42 1 0 -6.752053 0.757674 -1.198345  43 1 0 -5.186103 1.715083 -2.856669  44 1 0 -2.743984 1.516437 -2.518553  45 1 0 -2.259441 -0.683811 1.741728  46 1 0 -3.836764 -1.548484 3.399683  47 1 0 -6.289501 -1.430226 2.993567  48 1 0 -7.144937 -0.391408 0.923849  49 1 0 2.377602 3.001060 -0.695606  50 1 0 2.435129 5.206735 -0.715277  51 1 0 -2.368092 -2.096865 -0.882737  52 1 0 -2.452869 -4.303640 -0.902691  53 1 0 0.852592 5.909677 -1.149443  54 1 0 1.371704 5.925369 0.527523  55 1 0 -0.890117 -5.030530 -1.373162  56 1 0 -1.368291 -5.029198 0.316347 |
| TM\_NP\_model\_scan\_p\_20\_m\_130 | 1 6 0 -1.403409 0.455276 -0.521530  2 6 0 -0.681052 1.644121 -0.416616  3 6 0 0.703605 1.684972 -0.237856  4 6 0 1.446548 0.474973 -0.147334  5 6 0 0.704656 -0.711916 -0.231524  6 6 0 -0.675333 -0.753281 -0.447568  7 6 0 2.833899 0.403773 0.401117  8 6 0 3.302555 1.422524 1.217527  9 6 0 4.593126 1.407537 1.783085  10 6 0 5.457243 0.383406 1.500366  11 6 0 5.083502 -0.632268 0.584821  12 6 0 3.782013 -0.605167 -0.021097  13 6 0 3.535057 -1.542366 -1.062688  14 6 0 4.465202 -2.490993 -1.416994  15 6 0 5.707872 -2.564598 -0.753507  16 6 0 6.009452 -1.643672 0.217137  17 6 0 -2.890044 0.534876 -0.631614  18 6 0 -3.770992 -0.095217 0.314526  19 6 0 -5.187784 0.058489 0.150008  20 6 0 -5.688938 0.865625 -0.902295  21 6 0 -4.828584 1.519414 -1.746557  22 6 0 -3.435543 1.360088 -1.599333  23 6 0 -3.310312 -0.824184 1.445250  24 6 0 -4.189380 -1.411149 2.323509  25 6 0 -5.583629 -1.301759 2.126424  26 6 0 -6.066898 -0.576027 1.067074  27 6 0 1.356173 3.011819 -0.336307  28 7 0 0.732235 4.096897 -0.120463  29 6 0 1.440938 5.343840 -0.327695  30 6 0 -1.323359 -2.066051 -0.663785  31 7 0 -0.712530 -3.163462 -0.476802  32 6 0 -1.423563 -4.395637 -0.751059  33 1 0 -1.196344 2.595207 -0.464947  34 1 0 1.186839 -1.668299 -0.088431  35 1 0 2.620528 2.198127 1.539071  36 1 0 4.883749 2.203490 2.459225  37 1 0 6.443942 0.347287 1.949737  38 1 0 2.607229 -1.495346 -1.613339  39 1 0 4.243006 -3.182466 -2.221928  40 1 0 6.426839 -3.327533 -1.029656  41 1 0 6.976826 -1.658628 0.708382  42 1 0 -6.762820 0.970674 -1.015050  43 1 0 -5.211268 2.154969 -2.537031  44 1 0 -2.771686 1.864266 -2.292239  45 1 0 -2.247128 -0.904108 1.627043  46 1 0 -3.809092 -1.955439 3.180577  47 1 0 -6.266499 -1.776456 2.821930  48 1 0 -7.136017 -0.463105 0.920075  49 1 0 2.406726 3.008055 -0.655949  50 1 0 2.486033 5.213158 -0.647555  51 1 0 -2.360732 -2.040593 -1.019882  52 1 0 -2.454828 -4.243429 -1.102722  53 1 0 0.912804 5.936856 -1.081260  54 1 0 1.423132 5.926975 0.598444  55 1 0 -0.872179 -4.969191 -1.502979  56 1 0 -1.445117 -5.007209 0.156439 |
| TM\_NP\_model\_scan\_p\_20\_m\_140 | 1 6 0 -1.406987 0.484204 -0.549719  2 6 0 -0.671830 1.666304 -0.434679  3 6 0 0.711603 1.697548 -0.250285  4 6 0 1.446395 0.483122 -0.155071  5 6 0 0.695460 -0.697083 -0.246649  6 6 0 -0.683424 -0.728320 -0.470221  7 6 0 2.828656 0.400881 0.403685  8 6 0 3.298814 1.414897 1.225189  9 6 0 4.584749 1.388906 1.800787  10 6 0 5.443239 0.358692 1.522931  11 6 0 5.069023 -0.652344 0.602461  12 6 0 3.772434 -0.614372 -0.013237  13 6 0 3.526603 -1.547310 -1.058904  14 6 0 4.452509 -2.501839 -1.408424  15 6 0 5.689488 -2.586100 -0.735640  16 6 0 5.990325 -1.669709 0.239521  17 6 0 -2.895535 0.581289 -0.606933  18 6 0 -3.762741 -0.132951 0.296086  19 6 0 -5.181716 0.054862 0.186305  20 6 0 -5.698645 0.988261 -0.746479  21 6 0 -4.849632 1.739239 -1.517787  22 6 0 -3.457515 1.543387 -1.430540  23 6 0 -3.290885 -0.963798 1.349815  24 6 0 -4.158335 -1.622898 2.187626  25 6 0 -5.554867 -1.491491 2.026037  26 6 0 -6.049720 -0.662457 1.051745  27 6 0 1.372878 3.020941 -0.339320  28 7 0 0.754215 4.109280 -0.124929  29 6 0 1.472668 5.352431 -0.321208  30 6 0 -1.325545 -2.036613 -0.732765  31 7 0 -0.727404 -3.139318 -0.537430  32 6 0 -1.427657 -4.363483 -0.869524  33 1 0 -1.176602 2.623304 -0.469108  34 1 0 1.169335 -1.658118 -0.106969  35 1 0 2.620287 2.195169 1.542828  36 1 0 4.876159 2.181351 2.480699  37 1 0 6.426073 0.314250 1.979956  38 1 0 2.603504 -1.492023 -1.616689  39 1 0 4.231537 -3.189638 -2.216837  40 1 0 6.404987 -3.353574 -1.008194  41 1 0 6.953769 -1.692893 0.738111  42 1 0 -6.773539 1.116354 -0.818006  43 1 0 -5.241074 2.478975 -2.206762  44 1 0 -2.808421 2.121356 -2.077944  45 1 0 -2.226969 -1.062153 1.512756  46 1 0 -3.765424 -2.240587 2.987341  47 1 0 -6.228953 -2.026149 2.685631  48 1 0 -7.119934 -0.523656 0.938951  49 1 0 2.426010 3.011539 -0.650158  50 1 0 2.519523 5.216135 -0.632770  51 1 0 -2.344779 -2.000887 -1.137453  52 1 0 -2.437532 -4.200488 -1.274390  53 1 0 0.954839 5.951987 -1.076736  54 1 0 1.450917 5.931885 0.607157  55 1 0 -0.838670 -4.928023 -1.599366  56 1 0 -1.501584 -4.989009 0.025663 |
| TM\_NP\_model\_scan\_p\_20\_p\_20 | 1 6 0 -0.008446 1.449333 -0.035456  2 6 0 -1.181164 0.681958 -0.066650  3 6 0 -1.206307 -0.713495 -0.046510  4 6 0 0.008446 -1.449333 -0.035456  5 6 0 1.181164 -0.681958 -0.066650  6 6 0 1.206307 0.713495 -0.046510  7 6 0 0.101844 -2.897323 -0.384521  8 6 0 -0.907187 -3.493179 -1.127171  9 6 0 -0.866408 -4.848929 -1.509062  10 6 0 0.173903 -5.646250 -1.111478  11 6 0 1.181164 -5.130449 -0.258098  12 6 0 1.127850 -3.758921 0.162393  13 6 0 2.058813 -3.352178 1.158332  14 6 0 3.026046 -4.205359 1.634928  15 6 0 3.125574 -5.525574 1.147983  16 6 0 2.211043 -5.976637 0.230745  17 6 0 -0.101844 2.897323 -0.384521  18 6 0 -1.127850 3.758921 0.162393  19 6 0 -1.181164 5.130449 -0.258098  20 6 0 -0.173903 5.646250 -1.111478  21 6 0 0.866408 4.848929 -1.509062  22 6 0 0.907187 3.493179 -1.127171  23 6 0 -2.058813 3.352178 1.158332  24 6 0 -3.026046 4.205359 1.634928  25 6 0 -3.125574 5.525574 1.147983  26 6 0 -2.211043 5.976637 0.230745  27 6 0 -2.529589 -1.359920 0.124052  28 7 0 -3.617768 -0.783774 -0.186620  29 6 0 -4.860320 -1.472932 0.098426  30 6 0 2.529589 1.359920 0.124052  31 7 0 3.617768 0.783774 -0.186620  32 6 0 4.860320 1.472932 0.098426  33 1 0 -2.145163 1.162911 -0.152288  34 1 0 2.145163 -1.162911 -0.152288  35 1 0 -1.695117 -2.877633 -1.540027  36 1 0 -1.655689 -5.245224 -2.137668  37 1 0 0.229698 -6.684382 -1.421196  38 1 0 1.991506 -2.358640 1.576424  39 1 0 3.712368 -3.861274 2.400496  40 1 0 3.903245 -6.183841 1.518347  41 1 0 2.245844 -7.001890 -0.122725  42 1 0 -0.229698 6.684382 -1.421196  43 1 0 1.655689 5.245224 -2.137668  44 1 0 1.695117 2.877633 -1.540027  45 1 0 -1.991506 2.358640 1.576424  46 1 0 -3.712368 3.861274 2.400496  47 1 0 -3.903245 6.183841 1.518347  48 1 0 -2.245844 7.001890 -0.122725  49 1 0 -2.520174 -2.357570 0.583115  50 1 0 -4.723019 -2.461000 0.563710  51 1 0 2.520174 2.357570 0.583115  52 1 0 4.723019 2.461000 0.563710  53 1 0 -5.472389 -0.852503 0.760804  54 1 0 -5.427256 -1.593031 -0.830142  55 1 0 5.472389 0.852503 0.760804  56 1 0 5.427256 1.593031 -0.830142 |
| TM\_NP\_model\_scan\_p\_20\_p\_30 | 1 6 0 1.401752 -0.315779 -0.128792  2 6 0 0.949946 1.008679 -0.149433  3 6 0 -0.397758 1.369443 -0.106218  4 6 0 -1.404134 0.366166 -0.065928  5 6 0 -0.946748 -0.958431 -0.095811  6 6 0 0.402331 -1.320338 -0.101312  7 6 0 -2.839485 0.625180 -0.384372  8 6 0 -3.188581 1.744702 -1.125512  9 6 0 -4.521769 2.034375 -1.478008  10 6 0 -5.539137 1.222056 -1.052799  11 6 0 -5.264882 0.123777 -0.199694  12 6 0 -3.912346 -0.157020 0.191687  13 6 0 -3.722779 -1.153420 1.189292  14 6 0 -4.774954 -1.880320 1.694327  15 6 0 -6.090288 -1.657287 1.236065  16 6 0 -6.325195 -0.665735 0.318005  17 6 0 2.832430 -0.590005 -0.446475  18 6 0 3.912888 0.124845 0.189484  19 6 0 5.262721 -0.164345 -0.202802  20 6 0 5.516713 -1.192535 -1.145137  21 6 0 4.482569 -1.927678 -1.662813  22 6 0 3.152778 -1.634424 -1.299673  23 6 0 3.724930 1.067069 1.238155  24 6 0 4.785953 1.728449 1.809631  25 6 0 6.105202 1.488166 1.369690  26 6 0 6.333477 0.553829 0.391580  27 6 0 -0.703150 2.809931 0.065630  28 7 0 0.110628 3.725533 -0.269185  29 6 0 -0.249866 5.098986 0.019970  30 6 0 0.727297 -2.758247 0.045868  31 7 0 -0.115211 -3.676132 -0.200411  32 6 0 0.278645 -5.048649 0.045794  33 1 0 1.656639 1.822945 -0.234723  34 1 0 -1.649659 -1.776699 -0.160793  35 1 0 -2.409183 2.356072 -1.560056  36 1 0 -4.727927 2.893223 -2.106538  37 1 0 -6.566418 1.419687 -1.339873  38 1 0 -2.733644 -1.328425 1.585924  39 1 0 -4.591034 -2.625247 2.460335  40 1 0 -6.909890 -2.248378 1.628624  41 1 0 -7.335674 -0.451368 -0.014099  42 1 0 6.542280 -1.397036 -1.433694  43 1 0 4.675288 -2.727650 -2.368573  44 1 0 2.355766 -2.185355 -1.782604  45 1 0 2.728342 1.252795 1.612586  46 1 0 4.607308 2.435140 2.612250  47 1 0 6.932683 2.025485 1.818967  48 1 0 7.344912 0.334460 0.065680  49 1 0 -1.662146 3.042984 0.547363  50 1 0 -1.231644 5.207740 0.505722  51 1 0 1.732731 -2.988816 0.421279  52 1 0 1.307005 -5.154432 0.423598  53 1 0 0.514641 5.543084 0.665479  54 1 0 -0.247603 5.675885 -0.910206  55 1 0 -0.411165 -5.496655 0.768208  56 1 0 0.179115 -5.623880 -0.880084 |
| TM\_NP\_model\_scan\_p\_20\_p\_40 | 1 6 0 1.401712 -0.267860 -0.216664  2 6 0 0.935465 1.049676 -0.221867  3 6 0 -0.417362 1.386958 -0.154524  4 6 0 -1.405135 0.365117 -0.090854  5 6 0 -0.928351 -0.952372 -0.124306  6 6 0 0.427116 -1.291534 -0.155980  7 6 0 -2.850655 0.600220 -0.382609  8 6 0 -3.231288 1.711504 -1.120484  9 6 0 -4.575329 1.979101 -1.448523  10 6 0 -5.571556 1.152615 -1.001259  11 6 0 -5.263974 0.061832 -0.149841  12 6 0 -3.899966 -0.196491 0.216544  13 6 0 -3.675853 -1.186365 1.213483  14 6 0 -4.706741 -1.927651 1.741020  15 6 0 -6.033917 -1.726636 1.307404  16 6 0 -6.301756 -0.742166 0.390745  17 6 0 2.840582 -0.527067 -0.507290  18 6 0 3.898583 0.125674 0.218734  19 6 0 5.259128 -0.134176 -0.154587  20 6 0 5.537809 -1.061956 -1.189796  21 6 0 4.517530 -1.725897 -1.820578  22 6 0 3.177466 -1.464339 -1.469442  23 6 0 3.671352 0.983894 1.329520  24 6 0 4.712959 1.587856 1.992408  25 6 0 6.047400 1.368435 1.586779  26 6 0 6.309763 0.519672 0.541219  27 6 0 -0.745227 2.821391 0.025075  28 7 0 0.045157 3.751547 -0.325489  29 6 0 -0.333447 5.118050 -0.026777  30 6 0 0.791011 -2.721922 -0.039616  31 7 0 -0.051827 -3.654758 -0.220665  32 6 0 0.388801 -5.020788 -0.023551  33 1 0 1.633956 1.872191 -0.303945  34 1 0 -1.619641 -1.781597 -0.173087  35 1 0 -2.469836 2.333459 -1.571526  36 1 0 -4.806849 2.832348 -2.075860  37 1 0 -6.607099 1.333136 -1.269318  38 1 0 -2.676770 -1.344851 1.591574  39 1 0 -4.496530 -2.667053 2.505603  40 1 0 -6.836561 -2.328975 1.717520  41 1 0 -7.321627 -0.544696 0.077375  42 1 0 6.571285 -1.244891 -1.464382  43 1 0 4.730854 -2.444529 -2.603706  44 1 0 2.388087 -1.960812 -2.020784  45 1 0 2.658953 1.151326 1.670477  46 1 0 4.508381 2.233056 2.839403  47 1 0 6.859702 1.858019 2.111969  48 1 0 7.332198 0.323495 0.235453  49 1 0 -1.698148 3.036897 0.526633  50 1 0 -1.307060 5.209076 0.478722  51 1 0 1.828881 -2.934989 0.246045  52 1 0 1.447910 -5.108679 0.262751  53 1 0 0.435993 5.574472 0.604114  54 1 0 -0.359927 5.696240 -0.955778  55 1 0 -0.227088 -5.489046 0.750946  56 1 0 0.220907 -5.589766 -0.943410 |
| TM\_NP\_model\_scan\_p\_20\_p\_50 | 1 6 0 1.402797 -0.207901 -0.316348  2 6 0 0.916182 1.100350 -0.299380  3 6 0 -0.442067 1.409211 -0.204378  4 6 0 -1.406596 0.365701 -0.122410  5 6 0 -0.905650 -0.942105 -0.172601  6 6 0 0.456117 -1.253141 -0.234596  7 6 0 -2.863288 0.572908 -0.379576  8 6 0 -3.283320 1.679389 -1.102941  9 6 0 -4.639944 1.922106 -1.396937  10 6 0 -5.608777 1.075170 -0.928318  11 6 0 -5.259397 -0.012584 -0.089237  12 6 0 -3.881952 -0.246299 0.241829  13 6 0 -3.614165 -1.236149 1.228045  14 6 0 -4.617367 -1.998839 1.777971  15 6 0 -5.958650 -1.820927 1.379065  16 6 0 -6.267961 -0.838081 0.473800  17 6 0 2.852171 -0.441814 -0.579748  18 6 0 3.877133 0.127545 0.250803  19 6 0 5.251641 -0.097314 -0.091581  20 6 0 5.570618 -0.897091 -1.218191  21 6 0 4.576306 -1.467579 -1.970845  22 6 0 3.222605 -1.243824 -1.644465  23 6 0 3.598435 0.874511 1.427985  24 6 0 4.610064 1.398982 2.196179  25 6 0 5.961518 1.205389 1.834381  26 6 0 6.270649 0.468923 0.718529  27 6 0 -0.795908 2.835124 -0.008167  28 7 0 -0.033706 3.783513 -0.372188  29 6 0 -0.433176 5.140084 -0.055970  30 6 0 0.860897 -2.674498 -0.161986  31 7 0 0.026256 -3.624720 -0.280333  32 6 0 0.513927 -4.982372 -0.147653  33 1 0 1.602031 1.934665 -0.374983  34 1 0 -1.581812 -1.784176 -0.212224  35 1 0 -2.545128 2.317812 -1.569405  36 1 0 -4.903279 2.772979 -2.014883  37 1 0 -6.653943 1.236762 -1.169824  38 1 0 -2.603104 -1.378007 1.579893  39 1 0 -4.374007 -2.737563 2.533308  40 1 0 -6.739247 -2.439877 1.806645  41 1 0 -7.298964 -0.658618 0.187142  42 1 0 6.614264 -1.055164 -1.468842  43 1 0 4.821671 -2.084122 -2.828143  44 1 0 2.451885 -1.672167 -2.274843  45 1 0 2.569637 1.021008 1.728628  46 1 0 4.369487 1.961749 3.091154  47 1 0 6.750097 1.629902 2.445376  48 1 0 7.305885 0.299507 0.441125  49 1 0 -1.740680 3.027797 0.517507  50 1 0 -1.396074 5.208111 0.473132  51 1 0 1.924556 -2.865877 0.026299  52 1 0 1.596358 -5.049001 0.040044  53 1 0 0.341657 5.608688 0.559186  54 1 0 -0.493881 5.722913 -0.980467  55 1 0 -0.018511 -5.477355 0.670855  56 1 0 0.276217 -5.540767 -1.058582 |
| TM\_NP\_model\_scan\_p\_20\_p\_60 | 1 6 0 1.403884 -0.135454 -0.402387  2 6 0 0.893694 1.161223 -0.348626  3 6 0 -0.469612 1.437437 -0.224488  4 6 0 -1.408453 0.370179 -0.142014  5 6 0 -0.880781 -0.925475 -0.222516  6 6 0 0.486694 -1.203950 -0.315344  7 6 0 -2.873992 0.549854 -0.369797  8 6 0 -3.329975 1.658631 -1.067281  9 6 0 -4.696463 1.877829 -1.332726  10 6 0 -5.638894 1.003775 -0.860162  11 6 0 -5.251753 -0.090084 -0.045982  12 6 0 -3.863840 -0.300944 0.255587  13 6 0 -3.557352 -1.302977 1.218010  14 6 0 -4.534453 -2.095798 1.772340  15 6 0 -5.886467 -1.937880 1.402300  16 6 0 -6.232677 -0.945618 0.520988  17 6 0 2.862645 -0.334972 -0.652238  18 6 0 3.854910 0.117733 0.279413  19 6 0 5.240768 -0.058445 -0.043236  20 6 0 5.599347 -0.687790 -1.262464  21 6 0 4.632725 -1.136145 -2.126155  22 6 0 3.267290 -0.961570 -1.815870  23 6 0 3.528290 0.709531 1.529921  24 6 0 4.509380 1.126068 2.397288  25 6 0 5.873922 0.972758 2.065095  26 6 0 6.227278 0.390499 0.873487  27 6 0 -0.851683 2.850805 0.005447  28 7 0 -0.118380 3.822658 -0.356238  29 6 0 -0.541035 5.163785 -0.006171  30 6 0 0.932881 -2.613819 -0.299121  31 7 0 0.115488 -3.584592 -0.354558  32 6 0 0.648528 -4.930413 -0.299462  33 1 0 1.563945 2.009739 -0.408708  34 1 0 -1.539319 -1.781214 -0.265137  35 1 0 -2.613672 2.319809 -1.536184  36 1 0 -4.988535 2.732791 -1.931837  37 1 0 -6.691483 1.147560 -1.079702  38 1 0 -2.537073 -1.431560 1.547685  39 1 0 -4.261826 -2.843432 2.508657  40 1 0 -6.646187 -2.580128 1.833127  41 1 0 -7.272348 -0.782188 0.256929  42 1 0 6.651243 -0.811419 -1.497632  43 1 0 4.909545 -1.618662 -3.056667  44 1 0 2.516508 -1.298509 -2.521753  45 1 0 2.487022 0.825800 1.801050  46 1 0 4.235305 1.572704 3.346469  47 1 0 6.638164 1.309483 2.756461  48 1 0 7.272810 0.258627 0.614933  49 1 0 -1.789436 3.012414 0.553675  50 1 0 -1.494293 5.200440 0.543097  51 1 0 2.014409 -2.777962 -0.217424  52 1 0 1.745299 -4.970475 -0.217488  53 1 0 0.235643 5.637826 0.602440  54 1 0 -0.633244 5.762381 -0.917917  55 1 0 0.209882 -5.456394 0.554556  56 1 0 0.339042 -5.476724 -1.196069 |
| TM\_NP\_model\_scan\_p\_20\_p\_70 | 1 6 0 1.406236 -0.032982 -0.490999  2 6 0 0.864064 1.246229 -0.386324  3 6 0 -0.504930 1.478917 -0.232016  4 6 0 -1.410871 0.382385 -0.165694  5 6 0 -0.849602 -0.894783 -0.299145  6 6 0 0.523492 -1.129982 -0.424242  7 6 0 -2.885647 0.526897 -0.356957  8 6 0 -3.388389 1.643998 -1.007333  9 6 0 -4.766297 1.832747 -1.234605  10 6 0 -5.672932 0.918058 -0.769007  11 6 0 -5.236707 -0.189817 0.000091  12 6 0 -3.836707 -0.371359 0.262268  13 6 0 -3.479943 -1.395882 1.182867  14 6 0 -4.421577 -2.233291 1.733013  15 6 0 -5.786059 -2.100534 1.400809  16 6 0 -6.180234 -1.089968 0.561460  17 6 0 2.875647 -0.186818 -0.722062  18 6 0 3.825186 0.104702 0.310595  19 6 0 5.223878 -0.020865 0.022972  20 6 0 5.634800 -0.436046 -1.269399  21 6 0 4.706677 -0.721738 -2.238238  22 6 0 3.328007 -0.597500 -1.960472  23 6 0 3.440289 0.494556 1.622098  24 6 0 4.380837 0.762739 2.587257  25 6 0 5.759193 0.653490 2.296125  26 6 0 6.167371 0.268049 1.043470  27 6 0 -0.922433 2.872229 0.051420  28 7 0 -0.226167 3.876209 -0.295524  29 6 0 -0.678800 5.192225 0.108603  30 6 0 1.014192 -2.523086 -0.485469  31 7 0 0.226232 -3.519211 -0.503791  32 6 0 0.804253 -4.846849 -0.544397  33 1 0 1.512479 2.113143 -0.419029  34 1 0 -1.485388 -1.766385 -0.360890  35 1 0 -2.701876 2.340242 -1.470062  36 1 0 -5.095853 2.697767 -1.798804  37 1 0 -6.734019 1.039156 -0.959392  38 1 0 -2.448708 -1.508209 1.483212  39 1 0 -4.110839 -2.997403 2.436588  40 1 0 -6.517471 -2.777232 1.827890  41 1 0 -7.230070 -0.946696 0.327643  42 1 0 6.695909 -0.524428 -1.477610  43 1 0 5.024267 -1.038143 -3.225354  44 1 0 2.606862 -0.811541 -2.741432  45 1 0 2.386875 0.576608 1.857601  46 1 0 4.064645 1.058221 3.581385  47 1 0 6.491034 0.870762 3.065983  48 1 0 7.223910 0.175558 0.814121  49 1 0 -1.851096 2.988744 0.625965  50 1 0 -1.619309 5.182512 0.680467  51 1 0 2.103653 -2.651694 -0.502399  52 1 0 1.904677 -4.851591 -0.553283  53 1 0 0.098163 5.668533 0.715086  54 1 0 -0.809692 5.817504 -0.780209  55 1 0 0.454105 -5.418172 0.321230  56 1 0 0.439307 -5.370572 -1.433629 |
| TM\_NP\_model\_scan\_p\_20\_p\_80 | 1 6 0 1.405423 0.101231 -0.528329  2 6 0 0.825265 1.354507 -0.351933  3 6 0 -0.549814 1.533354 -0.175140  4 6 0 -1.418311 0.405476 -0.158650  5 6 0 -0.817975 -0.844312 -0.365196  6 6 0 0.560471 -1.026158 -0.515410  7 6 0 -2.898874 0.510587 -0.330237  8 6 0 -3.445201 1.642068 -0.917378  9 6 0 -4.830830 1.794254 -1.124860  10 6 0 -5.701319 0.825449 -0.701746  11 6 0 -5.220647 -0.304570 0.006237  12 6 0 -3.813001 -0.450463 0.248796  13 6 0 -3.413025 -1.506774 1.113969  14 6 0 -4.320559 -2.402401 1.628600  15 6 0 -5.691733 -2.300499 1.313433  16 6 0 -6.127758 -1.263801 0.528380  17 6 0 2.881614 0.006709 -0.759577  18 6 0 3.805978 0.074261 0.331705  19 6 0 5.211141 0.013017 0.056355  20 6 0 5.652032 -0.115990 -1.285651  21 6 0 4.746688 -0.185957 -2.313759  22 6 0 3.360882 -0.125638 -2.046841  23 6 0 3.387356 0.188028 1.684937  24 6 0 4.303665 0.245582 2.707342  25 6 0 5.688865 0.193002 2.432757  26 6 0 6.128757 0.078862 1.137248  27 6 0 -1.010168 2.894947 0.184695  28 7 0 -0.351652 3.938555 -0.116117  29 6 0 -0.843577 5.215416 0.361313  30 6 0 1.099131 -2.392613 -0.677515  31 7 0 0.350820 -3.418735 -0.696864  32 6 0 0.975154 -4.716630 -0.852304  33 1 0 1.446766 2.241369 -0.338273  34 1 0 -1.426682 -1.730921 -0.470930  35 1 0 -2.787298 2.385147 -1.347760  36 1 0 -5.194878 2.675464 -1.640720  37 1 0 -6.767536 0.919171 -0.878419  38 1 0 -2.375733 -1.598504 1.400283  39 1 0 -3.977597 -3.189290 2.290891  40 1 0 -6.395734 -3.022387 1.711612  41 1 0 -7.183954 -1.145364 0.309789  42 1 0 6.717834 -0.158840 -1.484082  43 1 0 5.087497 -0.283651 -3.338300  44 1 0 2.657169 -0.173194 -2.870416  45 1 0 2.327822 0.229845 1.904294  46 1 0 3.963409 0.331787 3.733189  47 1 0 6.401375 0.241468 3.248523  48 1 0 7.190918 0.035059 0.919633  49 1 0 -1.935662 2.949969 0.773313  50 1 0 -1.775829 5.143101 0.942149  51 1 0 2.189323 -2.473541 -0.774003  52 1 0 2.071706 -4.674367 -0.933742  53 1 0 -0.075673 5.685999 0.983580  54 1 0 -1.006881 5.881254 -0.491980  55 1 0 0.706589 -5.349269 -0.000313  56 1 0 0.571077 -5.204700 -1.744909 |
| TM\_NP\_model\_scan\_p\_20\_p\_90 | 1 6 0 1.402658 0.253063 -0.529552  2 6 0 0.779544 1.472291 -0.281235  3 6 0 -0.600965 1.590724 -0.091127  4 6 0 -1.428253 0.433533 -0.139133  5 6 0 -0.784720 -0.779791 -0.421956  6 6 0 0.598218 -0.902309 -0.585397  7 6 0 -2.912423 0.494754 -0.300417  8 6 0 -3.502497 1.638059 -0.818211  9 6 0 -4.893577 1.750316 -1.014520  10 6 0 -5.725639 0.725334 -0.650531  11 6 0 -5.200645 -0.426548 -0.012730  12 6 0 -3.787901 -0.533127 0.220412  13 6 0 -3.345948 -1.623051 1.021064  14 6 0 -4.217515 -2.581864 1.481103  15 6 0 -5.592191 -2.513976 1.172013  16 6 0 -6.069219 -1.449592 0.450394  17 6 0 2.883408 0.219818 -0.752772  18 6 0 3.789305 0.039870 0.340867  19 6 0 5.198608 0.032656 0.081560  20 6 0 5.661531 0.204070 -1.248424  21 6 0 4.773487 0.375005 -2.279685  22 6 0 3.383081 0.381929 -2.028280  23 6 0 3.347140 -0.135626 1.679766  24 6 0 4.245639 -0.307863 2.705150  25 6 0 5.635055 -0.313290 2.447482  26 6 0 6.097316 -0.146395 1.165416  27 6 0 -1.108364 2.910693 0.350907  28 7 0 -0.488088 3.993454 0.113850  29 6 0 -1.023969 5.220756 0.667782  30 6 0 1.185295 -2.231819 -0.851860  31 7 0 0.481315 -3.288154 -0.892234  32 6 0 1.149410 -4.544597 -1.163368  33 1 0 1.369619 2.377753 -0.212782  34 1 0 -1.362398 -1.678706 -0.583211  35 1 0 -2.874364 2.429871 -1.203879  36 1 0 -5.292115 2.646809 -1.475660  37 1 0 -6.795150 0.789213 -0.820470  38 1 0 -2.305387 -1.691709 1.301888  39 1 0 -3.843424 -3.393055 2.095480  40 1 0 -6.267237 -3.284892 1.525953  41 1 0 -7.129621 -1.358941 0.238971  42 1 0 6.730338 0.198263 -1.434945  43 1 0 5.131299 0.507092 -3.294524  44 1 0 2.692733 0.520265 -2.852832  45 1 0 2.283992 -0.129388 1.885821  46 1 0 3.888146 -0.439301 3.720274  47 1 0 6.333395 -0.448782 3.265692  48 1 0 7.163033 -0.148878 0.961139  49 1 0 -2.033880 2.896666 0.941823  50 1 0 -1.952254 5.080597 1.242592  51 1 0 2.270790 -2.256364 -1.011998  52 1 0 2.236647 -4.447973 -1.302695  53 1 0 -0.272209 5.679621 1.317906  54 1 0 -1.212073 5.931018 -0.143556  55 1 0 0.957387 -5.239034 -0.339310  56 1 0 0.714921 -4.995376 -2.061299 |
| TM\_NP\_model\_scan\_p\_20\_p\_100 | 1 6 0 1.398982 0.382396 -0.500663  2 6 0 0.736569 1.567411 -0.195434  3 6 0 -0.647692 1.633310 -0.005782  4 6 0 -1.438207 0.455244 -0.116055  5 6 0 -0.756218 -0.721102 -0.460573  6 6 0 0.629773 -0.792250 -0.624565  7 6 0 -2.923432 0.479066 -0.277062  8 6 0 -3.547794 1.629547 -0.735552  9 6 0 -4.941681 1.710690 -0.926587  10 6 0 -5.742622 0.643690 -0.617556  11 6 0 -5.182833 -0.524727 -0.042553  12 6 0 -3.767354 -0.601559 0.185852  13 6 0 -3.292163 -1.720826 0.924593  14 6 0 -4.134043 -2.729930 1.328984  15 6 0 -5.510419 -2.686031 1.023177  16 6 0 -6.019884 -1.597594 0.362157  17 6 0 2.882051 0.406361 -0.702397  18 6 0 3.777965 0.000340 0.338425  19 6 0 5.189863 0.051984 0.098735  20 6 0 5.665744 0.507448 -1.157773  21 6 0 4.787861 0.899921 -2.135708  22 6 0 3.395047 0.848339 -1.904494  23 6 0 3.324605 -0.445979 1.609052  24 6 0 4.214204 -0.828440 2.584182  25 6 0 5.605775 -0.783238 2.343213  26 6 0 6.079058 -0.351254 1.128877  27 6 0 -1.196237 2.912871 0.501467  28 7 0 -0.610135 4.024932 0.319481  29 6 0 -1.183820 5.206183 0.932460  30 6 0 1.255036 -2.082926 -0.980173  31 7 0 0.591538 -3.164414 -1.036474  32 6 0 1.292754 -4.377124 -1.405835  33 1 0 1.298604 2.484891 -0.073419  34 1 0 -1.305715 -1.626531 -0.674954  35 1 0 -2.943669 2.458785 -1.078482  36 1 0 -5.367063 2.618063 -1.340017  37 1 0 -6.813773 0.684770 -0.784182  38 1 0 -2.249811 -1.773922 1.201996  39 1 0 -3.735036 -3.562947 1.896679  40 1 0 -6.161712 -3.495551 1.332639  41 1 0 -7.082671 -1.527347 0.154972  42 1 0 6.736362 0.542372 -1.330222  43 1 0 5.155608 1.250570 -3.093416  44 1 0 2.712547 1.158220 -2.687848  45 1 0 2.260213 -0.476224 1.806262  46 1 0 3.847682 -1.164308 3.547738  47 1 0 6.296870 -1.087342 3.121276  48 1 0 7.146540 -0.309813 0.938537  49 1 0 -2.120685 2.840478 1.089803  50 1 0 -2.107493 5.009523 1.498035  51 1 0 2.330777 -2.055386 -1.196144  52 1 0 2.365980 -4.227933 -1.597269  53 1 0 -0.446787 5.655668 1.605619  54 1 0 -1.393706 5.949469 0.156787  55 1 0 1.173983 -5.117973 -0.608810  56 1 0 0.827786 -4.802091 -2.301102 |
| TM\_NP\_model\_scan\_p\_20\_p\_110 | 1 6 0 1.394500 0.489175 -0.452362  2 6 0 0.695545 1.644079 -0.111934  3 6 0 -0.691674 1.666845 0.064288  4 6 0 -1.448722 0.472790 -0.093530  5 6 0 -0.732049 -0.670571 -0.477915  6 6 0 0.655932 -0.698733 -0.634083  7 6 0 -2.932985 0.461063 -0.262801  8 6 0 -3.587283 1.609537 -0.683200  9 6 0 -4.982149 1.659329 -0.877241  10 6 0 -5.754679 0.560750 -0.609075  11 6 0 -5.164839 -0.611973 -0.074337  12 6 0 -3.748398 -0.658701 0.156273  13 6 0 -3.244540 -1.792127 0.853289  14 6 0 -4.059578 -2.838357 1.216233  15 6 0 -5.436082 -2.819893 0.908443  16 6 0 -5.973457 -1.721388 0.287409  17 6 0 2.878170 0.562925 -0.622175  18 6 0 3.772060 -0.034435 0.325845  19 6 0 5.184884 0.072467 0.110236  20 6 0 5.665551 0.777602 -1.022927  21 6 0 4.790892 1.359667 -1.904548  22 6 0 3.397670 1.251035 -1.700349  23 6 0 3.318083 -0.717194 1.486564  24 6 0 4.206130 -1.280529 2.371316  25 6 0 5.598008 -1.189244 2.146738  26 6 0 6.072592 -0.524600 1.043241  27 6 0 -1.278547 2.914056 0.608211  28 7 0 -0.723965 4.047289 0.461456  29 6 0 -1.333735 5.193087 1.106251  30 6 0 1.310726 -1.953618 -1.059541  31 7 0 0.685706 -3.057840 -1.113693  32 6 0 1.408896 -4.230109 -1.563157  33 1 0 1.231934 2.569626 0.055331  34 1 0 -1.256280 -1.579901 -0.734612  35 1 0 -3.004906 2.466648 -0.993595  36 1 0 -5.430900 2.568821 -1.260198  37 1 0 -6.826076 0.578751 -0.778213  38 1 0 -2.201544 -1.828154 1.131082  39 1 0 -3.639135 -3.681493 1.752651  40 1 0 -6.065834 -3.657836 1.185128  41 1 0 -7.037277 -1.672116 0.079500  42 1 0 6.736971 0.852251 -1.176571  43 1 0 5.161514 1.902337 -2.766793  44 1 0 2.718039 1.707137 -2.411350  45 1 0 2.254055 -0.785032 1.674778  46 1 0 3.837388 -1.795125 3.251507  47 1 0 6.288003 -1.639423 2.851517  48 1 0 7.140412 -0.442136 0.868817  49 1 0 -2.202388 2.797926 1.190455  50 1 0 -2.252497 4.953083 1.662936  51 1 0 2.370676 -1.878129 -1.333502  52 1 0 2.461628 -4.032285 -1.814570  53 1 0 -0.611934 5.644707 1.794285  54 1 0 -1.563713 5.951711 0.351374  55 1 0 1.368203 -4.997796 -0.783937  56 1 0 0.905949 -4.647325 -2.441339 |
| TM\_NP\_model\_scan\_p\_20\_p\_120 | 1 6 0 1.392419 0.539976 -0.443246  2 6 0 0.675272 1.681909 -0.092476  3 6 0 -0.711639 1.684781 0.083271  4 6 0 -1.452817 0.482289 -0.085200  5 6 0 -0.719924 -0.647861 -0.477991  6 6 0 0.668298 -0.656654 -0.632654  7 6 0 -2.936393 0.453117 -0.255630  8 6 0 -3.604067 1.597340 -0.666828  9 6 0 -4.998912 1.631688 -0.863760  10 6 0 -5.758055 0.520477 -0.609698  11 6 0 -5.154642 -0.650714 -0.086879  12 6 0 -3.738411 -0.681934 0.147738  13 6 0 -3.221851 -1.817703 0.831451  14 6 0 -4.024197 -2.879375 1.177564  15 6 0 -5.399916 -2.874777 0.865776  16 6 0 -5.949834 -1.775117 0.257916  17 6 0 2.876775 0.635824 -0.575448  18 6 0 3.765972 -0.073165 0.300024  19 6 0 5.180414 0.081218 0.123846  20 6 0 5.668499 0.946704 -0.888315  21 6 0 4.799172 1.647015 -1.684951  22 6 0 3.405903 1.493942 -1.520567  23 6 0 3.309958 -0.898751 1.363606  24 6 0 4.195534 -1.558044 2.182060  25 6 0 5.588437 -1.427612 1.986058  26 6 0 6.065628 -0.622299 0.982250  27 6 0 -1.314318 2.917287 0.643397  28 7 0 -0.773990 4.059354 0.512823  29 6 0 -1.397684 5.187608 1.175235  30 6 0 1.331037 -1.893742 -1.097831  31 7 0 0.730049 -3.011996 -1.127993  32 6 0 1.453405 -4.162304 -1.631016  33 1 0 1.199324 2.611163 0.091794  34 1 0 -1.232115 -1.560655 -0.746057  35 1 0 -3.031716 2.464868 -0.966716  36 1 0 -5.458212 2.539475 -1.238164  37 1 0 -6.829125 0.526679 -0.781737  38 1 0 -2.179246 -1.844097 1.111850  39 1 0 -3.594267 -3.724242 1.703633  40 1 0 -6.019371 -3.724637 1.129033  41 1 0 -7.013553 -1.736952 0.047195  42 1 0 6.741011 1.052685 -1.013136  43 1 0 5.174487 2.317690 -2.449545  44 1 0 2.731275 2.043171 -2.167555  45 1 0 2.246140 -0.998289 1.536115  46 1 0 3.823175 -2.178350 2.989597  47 1 0 6.276316 -1.956086 2.636418  48 1 0 7.133967 -0.503481 0.834091  49 1 0 -2.236311 2.781454 1.224286  50 1 0 -2.313213 4.927564 1.728206  51 1 0 2.371976 -1.790319 -1.429315  52 1 0 2.484574 -3.936784 -1.941512  53 1 0 -0.681371 5.637128 1.870363  54 1 0 -1.637136 5.955074 0.432373  55 1 0 1.476804 -4.937585 -0.858673  56 1 0 0.909813 -4.583723 -2.482564 |
| TM\_NP\_model\_scan\_p\_20\_p\_130 | 1 6 0 1.390873 0.588043 -0.428054  2 6 0 0.653145 1.717582 -0.073743  3 6 0 -0.734450 1.703517 0.090507  4 6 0 -1.458793 0.491434 -0.080161  5 6 0 -0.708554 -0.626290 -0.475759  6 6 0 0.679664 -0.616204 -0.628307  7 6 0 -2.941076 0.439882 -0.253192  8 6 0 -3.626320 1.573544 -0.664793  9 6 0 -5.021348 1.585681 -0.863037  10 6 0 -5.763180 0.462800 -0.608973  11 6 0 -5.141901 -0.698602 -0.085213  12 6 0 -3.725429 -0.707697 0.149614  13 6 0 -3.191125 -1.835171 0.833341  14 6 0 -3.976974 -2.908872 1.180248  15 6 0 -5.352742 -2.925473 0.869069  16 6 0 -5.919640 -1.834877 0.260455  17 6 0 2.875847 0.705214 -0.513192  18 6 0 3.763439 -0.103274 0.277567  19 6 0 5.178545 0.091737 0.146242  20 6 0 5.670432 1.102680 -0.717714  21 6 0 4.803033 1.908227 -1.410059  22 6 0 3.411446 1.711662 -1.297195  23 6 0 3.310358 -1.059134 1.227967  24 6 0 4.195906 -1.810529 1.962796  25 6 0 5.588830 -1.649048 1.793884  26 6 0 6.064281 -0.713320 0.910072  27 6 0 -1.355864 2.929297 0.645167  28 7 0 -0.831410 4.078241 0.510282  29 6 0 -1.473115 5.201012 1.164896  30 6 0 1.346841 -1.835531 -1.134961  31 7 0 0.767480 -2.965263 -1.151209  32 6 0 1.487845 -4.093928 -1.705279  33 1 0 1.162973 2.650949 0.127509  34 1 0 -1.208200 -1.543511 -0.752219  35 1 0 -3.067472 2.450039 -0.964135  36 1 0 -5.494627 2.485902 -1.238299  37 1 0 -6.834111 0.452247 -0.781663  38 1 0 -2.148048 -1.845477 1.113151  39 1 0 -3.533961 -3.746776 1.706603  40 1 0 -5.959028 -3.784480 1.133309  41 1 0 -6.983863 -1.813219 0.049961  42 1 0 6.743175 1.237651 -0.807272  43 1 0 5.179089 2.694295 -2.054953  44 1 0 2.741189 2.341248 -1.871303  45 1 0 2.247808 -1.186639 1.385434  46 1 0 3.822100 -2.527900 2.684712  47 1 0 6.277044 -2.253147 2.374237  48 1 0 7.132236 -0.563892 0.789462  49 1 0 -2.277371 2.783108 1.224239  50 1 0 -2.386195 4.930735 1.716939  51 1 0 2.368103 -1.706444 -1.515039  52 1 0 2.498649 -3.843852 -2.060571  53 1 0 -0.765243 5.664874 1.859209  54 1 0 -1.721803 5.960647 0.417003  55 1 0 1.562774 -4.879395 -0.946618  56 1 0 0.912457 -4.513973 -2.536359 |
| TM\_NP\_model\_scan\_p\_20\_p\_140 | 1 6 0 1.392849 0.618912 -0.453729  2 6 0 0.641689 1.742603 -0.102009  3 6 0 -0.744931 1.719341 0.063890  4 6 0 -1.459684 0.499589 -0.090608  5 6 0 -0.700200 -0.613434 -0.480783  6 6 0 0.686995 -0.592586 -0.639746  7 6 0 -2.942019 0.431806 -0.253422  8 6 0 -3.641360 1.554545 -0.671296  9 6 0 -5.037693 1.550528 -0.860497  10 6 0 -5.766316 0.422540 -0.591171  11 6 0 -5.129851 -0.727678 -0.060926  12 6 0 -3.711900 -0.720188 0.164571  13 6 0 -3.161379 -1.835935 0.854483  14 6 0 -3.933809 -2.914491 1.216258  15 6 0 -5.311411 -2.947830 0.914745  16 6 0 -5.893575 -1.868614 0.300231  17 6 0 2.879335 0.743350 -0.483445  18 6 0 3.755365 -0.130845 0.253788  19 6 0 5.171940 0.091023 0.185097  20 6 0 5.676967 1.197593 -0.542187  21 6 0 4.818838 2.075203 -1.153626  22 6 0 3.428876 1.851362 -1.107916  23 6 0 3.294018 -1.169634 1.108956  24 6 0 4.170202 -1.979594 1.790994  25 6 0 5.564894 -1.799204 1.664146  26 6 0 6.049082 -0.779251 0.885175  27 6 0 -1.373695 2.944397 0.612084  28 7 0 -0.858678 4.096341 0.466779  29 6 0 -1.506504 5.218736 1.116106  30 6 0 1.348886 -1.801726 -1.179574  31 7 0 0.781834 -2.937587 -1.185007  32 6 0 1.491352 -4.051563 -1.781361  33 1 0 1.141377 2.679765 0.104861  34 1 0 -1.192640 -1.536370 -0.751068  35 1 0 -3.093433 2.433942 -0.982189  36 1 0 -5.522641 2.442289 -1.241008  37 1 0 -6.838183 0.399513 -0.756675  38 1 0 -2.116386 -1.832950 1.127232  39 1 0 -3.478700 -3.743135 1.746942  40 1 0 -5.907070 -3.810519 1.190892  41 1 0 -6.959357 -1.859755 0.096844  42 1 0 6.750228 1.349707 -0.585327  43 1 0 5.201613 2.939136 -1.684898  44 1 0 2.771281 2.538176 -1.628161  45 1 0 2.231298 -1.315477 1.241905  46 1 0 3.785905 -2.757903 2.440646  47 1 0 6.245970 -2.451668 2.198712  48 1 0 7.117570 -0.608220 0.804913  49 1 0 -2.291689 2.795407 1.195911  50 1 0 -2.415816 4.945377 1.672810  51 1 0 2.352342 -1.657042 -1.599765  52 1 0 2.484512 -3.785962 -2.173222  53 1 0 -0.799894 5.692143 1.805240  54 1 0 -1.763084 5.971669 0.364136  55 1 0 1.605034 -4.845306 -1.036250  56 1 0 0.887925 -4.467839 -2.594246 |
| TM\_NP\_model\_scan\_p\_20\_p\_150 | 1 6 0 1.396338 0.643769 -0.488884  2 6 0 0.631929 1.763422 -0.144481  3 6 0 -0.753245 1.733106 0.026166  4 6 0 -1.460036 0.506055 -0.103908  5 6 0 -0.692615 -0.604697 -0.483041  6 6 0 0.693265 -0.574974 -0.650650  7 6 0 -2.942411 0.423031 -0.253924  8 6 0 -3.654721 1.533180 -0.683633  9 6 0 -5.052279 1.513972 -0.862026  10 6 0 -5.768777 0.383684 -0.570349  11 6 0 -5.118148 -0.752995 -0.028279  12 6 0 -3.698687 -0.729626 0.186237  13 6 0 -3.132696 -1.830363 0.887498  14 6 0 -3.892445 -2.910572 1.270538  15 6 0 -5.272015 -2.960446 0.980418  16 6 0 -5.868698 -1.895404 0.355184  17 6 0 2.883647 0.773722 -0.461594  18 6 0 3.749584 -0.152696 0.229201  19 6 0 5.166132 0.086225 0.220665  20 6 0 5.679998 1.265015 -0.373441  21 6 0 4.827423 2.199601 -0.902009  22 6 0 3.441225 1.957137 -0.923277  23 6 0 3.281998 -1.251807 1.002137  24 6 0 4.149586 -2.106134 1.639850  25 6 0 5.545320 -1.915904 1.549073  26 6 0 6.036087 -0.834694 0.863075  27 6 0 -1.386876 2.960585 0.563614  28 7 0 -0.879012 4.113835 0.404183  29 6 0 -1.530217 5.239212 1.044997  30 6 0 1.346618 -1.776391 -1.220742  31 7 0 0.786832 -2.915651 -1.223584  32 6 0 1.483118 -4.016121 -1.859521  33 1 0 1.119967 2.706011 0.062446  34 1 0 -1.178164 -1.534793 -0.741060  35 1 0 -3.116860 2.412652 -1.011534  36 1 0 -5.548106 2.395579 -1.252051  37 1 0 -6.841624 0.348864 -0.727198  38 1 0 -2.085715 -1.813721 1.152045  39 1 0 -3.425775 -3.727543 1.809216  40 1 0 -5.857678 -3.824395 1.273481  41 1 0 -6.936053 -1.899044 0.160081  42 1 0 6.752502 1.427872 -0.372323  43 1 0 5.212148 3.123042 -1.319520  44 1 0 2.796865 2.690765 -1.392990  45 1 0 2.219558 -1.408710 1.116252  46 1 0 3.755803 -2.926786 2.228895  47 1 0 6.220207 -2.605351 2.043505  48 1 0 7.104243 -0.648883 0.820140  49 1 0 -2.301584 2.812676 1.152735  50 1 0 -2.436445 4.966676 1.607063  51 1 0 2.334783 -1.619586 -1.671982  52 1 0 2.462541 -3.738631 -2.276795  53 1 0 -0.823841 5.722328 1.727630  54 1 0 -1.792707 5.983914 0.286921  55 1 0 1.623404 -4.821600 -1.131770  56 1 0 0.857377 -4.421972 -2.660741 |
| TM\_NP\_model\_scan\_p\_20\_p\_160 | 1 6 0 -1.399614 0.668867 0.509737  2 6 0 -0.617531 1.783454 0.179493  3 6 0 0.766823 1.745506 0.009646  4 6 0 1.463594 0.510479 0.111151  5 6 0 0.684924 -0.597692 0.472167  6 6 0 -0.699775 -0.557600 0.646215  7 6 0 2.944951 0.409188 0.254318  8 6 0 3.670159 1.502460 0.705353  9 6 0 5.067890 1.464414 0.879013  10 6 0 5.771379 0.332932 0.561086  11 6 0 5.107071 -0.785104 -0.002712  12 6 0 3.687313 -0.742154 -0.211752  13 6 0 3.106774 -1.821809 -0.933399  14 6 0 3.853478 -2.901754 -1.341950  15 6 0 5.233535 -2.972222 -1.058359  16 6 0 5.843927 -1.927112 -0.413000  17 6 0 -2.886534 0.809588 0.425448  18 6 0 -3.752107 -0.164055 -0.206489  19 6 0 -5.167027 0.087727 -0.244953  20 6 0 -5.677990 1.327914 0.208479  21 6 0 -4.820271 2.308012 0.635423  22 6 0 -3.440138 2.049972 0.716720  23 6 0 -3.289850 -1.319565 -0.896576  24 6 0 -4.157665 -2.216679 -1.472567  25 6 0 -5.552880 -2.018449 -1.400175  26 6 0 -6.039404 -0.880262 -0.810932  27 6 0 1.409131 2.978237 -0.505392  28 7 0 0.908439 4.131779 -0.326421  29 6 0 1.567816 5.264186 -0.946131  30 6 0 -1.343762 -1.751405 1.246432  31 7 0 -0.789335 -2.893061 1.252001  32 6 0 -1.471893 -3.979495 1.925851  33 1 0 -1.088927 2.734102 -0.024259  34 1 0 1.160935 -1.536517 0.716266  35 1 0 3.142551 2.380543 1.053126  36 1 0 5.574384 2.332100 1.286168  37 1 0 6.844257 0.283459 0.713704  38 1 0 2.059033 -1.787953 -1.193348  39 1 0 3.376213 -3.702322 -1.895757  40 1 0 5.808862 -3.835905 -1.371945  41 1 0 6.911868 -1.946350 -0.222079  42 1 0 -6.748307 1.500255 0.171413  43 1 0 -5.196427 3.280552 0.931531  44 1 0 -2.804260 2.825465 1.125531  45 1 0 -2.229412 -1.486475 -1.006250  46 1 0 -3.762586 -3.076910 -2.001150  47 1 0 -6.228934 -2.743079 -1.839577  48 1 0 -7.105973 -0.681607 -0.794321  49 1 0 2.323913 2.835048 -1.095430  50 1 0 2.474604 4.996204 -1.509439  51 1 0 -2.317556 -1.582483 1.723861  52 1 0 -2.437707 -3.690260 2.366184  53 1 0 0.866510 5.762245 -1.623256  54 1 0 1.831432 5.994809 -0.174886  55 1 0 -1.636689 -4.796445 1.216221  56 1 0 -0.825457 -4.374985 2.715752 |
| TM\_NP\_model\_scan\_p\_30\_m\_0 | 1 6 0 -1.407707 0.432467 -0.235952  2 6 0 -0.971160 -0.875462 0.040326  3 6 0 0.363300 -1.287432 0.062698  4 6 0 1.395409 -0.333755 -0.100438  5 6 0 0.980930 0.984042 -0.328010  6 6 0 -0.353616 1.387184 -0.369459  7 6 0 2.819315 -0.697668 -0.338716  8 6 0 3.115831 -1.873948 -1.009696  9 6 0 4.439813 -2.262549 -1.295918  10 6 0 5.490516 -1.484980 -0.883824  11 6 0 5.258078 -0.309228 -0.126557  12 6 0 3.913595 0.081685 0.188110  13 6 0 3.741555 1.194119 1.057263  14 6 0 4.816436 1.911003 1.527366  15 6 0 6.132953 1.558152 1.161505  16 6 0 6.343962 0.465049 0.359784  17 6 0 -2.813334 0.784668 0.142381  18 6 0 -3.920519 -0.146987 -0.016893  19 6 0 -5.227816 0.245840 0.432776  20 6 0 -5.460164 1.575816 0.863100  21 6 0 -4.450284 2.496973 0.805084  22 6 0 -3.154075 2.102744 0.419191  23 6 0 -3.833072 -1.405952 -0.676386  24 6 0 -4.909625 -2.257757 -0.767125  25 6 0 -6.155029 -1.910161 -0.206434  26 6 0 -6.307958 -0.672938 0.364564  27 6 0 0.634536 -2.685581 0.467444  28 7 0 -0.229679 -3.607098 0.333704  29 6 0 0.098325 -4.927746 0.832900  30 6 0 -0.582200 2.777125 -0.837934  31 7 0 0.232156 3.720341 -0.593887  32 6 0 -0.027945 5.017557 -1.186569  33 1 0 -1.681377 -1.629725 0.336689  34 1 0 1.714231 1.745671 -0.552683  35 1 0 2.306668 -2.471760 -1.409796  36 1 0 4.615706 -3.171628 -1.859697  37 1 0 6.512627 -1.765030 -1.115650  38 1 0 2.747225 1.475135 1.373703  39 1 0 4.649674 2.750978 2.192166  40 1 0 6.971464 2.138053 1.530227  41 1 0 7.352035 0.162728 0.095711  42 1 0 -6.453988 1.854670 1.196566  43 1 0 -4.626849 3.530127 1.081651  44 1 0 -2.374899 2.844421 0.511565  45 1 0 -2.913679 -1.699770 -1.158299  46 1 0 -4.796938 -3.201578 -1.288501  47 1 0 -6.990110 -2.599150 -0.262200  48 1 0 -7.273235 -0.358406 0.747500  49 1 0 1.613663 -2.877170 0.925248  50 1 0 1.104391 -4.998694 1.273468  51 1 0 -1.470857 2.933013 -1.465308  52 1 0 -0.946424 5.053480 -1.792192  53 1 0 -0.638822 -5.219287 1.587791  54 1 0 0.015421 -5.652722 0.017021  55 1 0 -0.094542 5.769684 -0.394193  56 1 0 0.820974 5.300578 -1.816986 |
| TM\_NP\_model\_scan\_p\_30\_m\_10 | 1 6 0 1.404695 0.395887 0.141463  2 6 0 0.959152 -0.906830 -0.134609  3 6 0 -0.380677 -1.300559 -0.136794  4 6 0 -1.397010 -0.335884 0.069180  5 6 0 -0.965839 0.973208 0.314600  6 6 0 0.374276 1.361616 0.328069  7 6 0 -2.819196 -0.689804 0.334939  8 6 0 -3.113228 -1.875388 0.990257  9 6 0 -4.434543 -2.255630 1.299375  10 6 0 -5.485904 -1.459721 0.925853  11 6 0 -5.257970 -0.272351 0.185590  12 6 0 -3.916768 0.110489 -0.152257  13 6 0 -3.752615 1.237351 -1.004205  14 6 0 -4.829995 1.974344 -1.435839  15 6 0 -6.141606 1.628393 -1.046522  16 6 0 -6.346174 0.522427 -0.260976  17 6 0 2.811823 0.743856 -0.220938  18 6 0 3.922311 -0.154038 0.037057  19 6 0 5.240833 0.234666 -0.379756  20 6 0 5.461791 1.529245 -0.912765  21 6 0 4.427859 2.422601 -0.995451  22 6 0 3.124794 2.033761 -0.627543  23 6 0 3.813550 -1.378583 0.754277  24 6 0 4.897332 -2.202124 0.951707  25 6 0 6.167702 -1.856451 0.446934  26 6 0 6.331834 -0.654030 -0.191826  27 6 0 -0.680609 -2.687913 -0.558545  28 7 0 0.172992 -3.623544 -0.459779  29 6 0 -0.185508 -4.930762 -0.973133  30 6 0 0.649809 2.741804 0.795668  31 7 0 -0.178911 3.691036 0.637111  32 6 0 0.141941 4.980437 1.216698  33 1 0 1.664617 -1.664440 -0.439340  34 1 0 -1.685636 1.736721 0.574378  35 1 0 -2.301785 -2.489087 1.360583  36 1 0 -4.607381 -3.173289 1.850049  37 1 0 -6.505453 -1.733420 1.175834  38 1 0 -2.762757 1.513745 -1.338173  39 1 0 -4.669324 2.825075 -2.088356  40 1 0 -6.981918 2.224093 -1.384720  41 1 0 -7.351192 0.225728 0.020550  42 1 0 6.464161 1.805714 -1.221909  43 1 0 4.594545 3.427590 -1.366057  44 1 0 2.326890 2.739336 -0.811443  45 1 0 2.867138 -1.665109 1.187196  46 1 0 4.771837 -3.121803 1.511868  47 1 0 7.010660 -2.522595 0.591483  48 1 0 7.311035 -0.346632 -0.543980  49 1 0 -1.672186 -2.857829 -0.997768  50 1 0 -1.201586 -4.979403 -1.393350  51 1 0 1.594291 2.887563 1.337236  52 1 0 1.114101 5.006000 1.732302  53 1 0 0.531185 -5.221005 -1.747954  54 1 0 -0.096682 -5.670208 -0.170964  55 1 0 0.136424 5.741490 0.430059  56 1 0 -0.641907 5.259218 1.928117 |
| TM\_NP\_model\_scan\_p\_30\_m\_20 | 1 6 0 1.401454 0.360228 0.051260  2 6 0 0.945521 -0.936778 -0.222994  3 6 0 -0.399520 -1.311601 -0.205295  4 6 0 -1.398355 -0.336229 0.041116  5 6 0 -0.948863 0.963670 0.301871  6 6 0 0.396348 1.336393 0.288431  7 6 0 -2.818563 -0.679123 0.333906  8 6 0 -3.111798 -1.872594 0.974938  9 6 0 -4.430356 -2.244027 1.305924  10 6 0 -5.480628 -1.430809 0.968509  11 6 0 -5.255373 -0.233329 0.243909  12 6 0 -3.917468 0.141010 -0.115962  13 6 0 -3.759217 1.280636 -0.951932  14 6 0 -4.837318 2.036506 -1.347570  15 6 0 -6.144073 1.697909 -0.936094  16 6 0 -6.344023 0.580694 -0.165465  17 6 0 2.813628 0.701924 -0.286613  18 6 0 3.920733 -0.161830 0.061667  19 6 0 5.248607 0.219638 -0.328869  20 6 0 5.466915 1.470429 -0.959305  21 6 0 4.420425 2.328708 -1.169926  22 6 0 3.110559 1.949296 -0.815542  23 6 0 3.788499 -1.348808 0.834621  24 6 0 4.872098 -2.142726 1.128581  25 6 0 6.161842 -1.800081 0.671312  26 6 0 6.341662 -0.636162 -0.031829  27 6 0 -0.728757 -2.687841 -0.641763  28 7 0 0.113140 -3.636929 -0.578037  29 6 0 -0.276535 -4.930225 -1.103709  30 6 0 0.715592 2.708760 0.747338  31 7 0 -0.117006 3.663905 0.659302  32 6 0 0.257631 4.948177 1.217333  33 1 0 1.644715 -1.699550 -0.533585  34 1 0 -1.654235 1.729390 0.593191  35 1 0 -2.299574 -2.501383 1.317165  36 1 0 -4.601488 -3.169145 1.844523  37 1 0 -6.497588 -1.697875 1.235634  38 1 0 -2.773705 1.552104 -1.302335  39 1 0 -4.681239 2.896701 -1.988701  40 1 0 -6.984762 2.308469 -1.245659  41 1 0 -7.345999 0.289944 0.132632  42 1 0 6.476280 1.742104 -1.249516  43 1 0 4.585553 3.297283 -1.627952  44 1 0 2.301871 2.618883 -1.076779  45 1 0 2.820877 -1.627771 1.225052  46 1 0 4.732567 -3.036414 1.726239  47 1 0 7.006098 -2.441739 0.896720  48 1 0 7.332579 -0.337410 -0.357697  49 1 0 -1.732366 -2.836406 -1.060954  50 1 0 -1.302147 -4.956853 -1.502236  51 1 0 1.701163 2.845878 1.211573  52 1 0 1.266135 4.963611 1.658045  53 1 0 0.418670 -5.219032 -1.898396  54 1 0 -0.181798 -5.683580 -0.315266  55 1 0 0.199464 5.712280 0.435742  56 1 0 -0.468020 5.230792 1.986620 |
| TM\_NP\_model\_scan\_p\_30\_m\_30 | 1 6 0 1.398231 -0.330498 0.033597  2 6 0 0.931858 0.960664 0.306045  3 6 0 -0.417481 1.318494 0.267442  4 6 0 -1.398754 0.334206 -0.017104  5 6 0 -0.931263 -0.956434 -0.291902  6 6 0 0.418054 -1.314549 -0.252847  7 6 0 -2.816473 0.667043 -0.335373  8 6 0 -3.109701 1.867776 -0.962495  9 6 0 -4.425462 2.231744 -1.312518  10 6 0 -5.473804 1.403498 -1.007461  11 6 0 -5.250243 0.196911 -0.297585  12 6 0 -3.915551 -0.170470 0.081006  13 6 0 -3.761744 -1.321521 0.902078  14 6 0 -4.839600 -2.093245 1.266471  15 6 0 -6.141840 -1.760419 0.836402  16 6 0 -6.338343 -0.633411 0.079301  17 6 0 2.817573 -0.663281 0.343627  18 6 0 3.914793 0.166525 -0.090578  19 6 0 5.251329 -0.198921 0.283046  20 6 0 5.476829 -1.395299 1.009400  21 6 0 4.428452 -2.215330 1.336326  22 6 0 3.111029 -1.853308 0.990408  23 6 0 3.756143 1.308678 -0.922983  24 6 0 4.832625 2.073721 -1.304919  25 6 0 6.137745 1.742225 -0.882273  26 6 0 6.338164 0.624013 -0.113194  27 6 0 -0.774039 2.684262 0.715414  28 7 0 0.056529 3.644837 0.684215  29 6 0 -0.362050 4.925436 1.218571  30 6 0 0.776261 -2.680935 -0.697022  31 7 0 -0.055827 -3.640378 -0.670818  32 6 0 0.365328 -4.922474 -1.199472  33 1 0 1.624045 1.728556 0.622910  34 1 0 -1.622378 -1.723802 -0.611993  35 1 0 -2.297646 2.510011 -1.279198  36 1 0 -4.595592 3.163663 -1.839597  37 1 0 -6.488238 1.665144 -1.289164  38 1 0 -2.780149 -1.589194 1.266089  39 1 0 -4.687064 -2.961719 1.897220  40 1 0 -6.982180 -2.383433 1.121111  41 1 0 -7.337447 -0.347416 -0.232720  42 1 0 6.492662 -1.655684 1.287214  43 1 0 4.600197 -3.138935 1.877338  44 1 0 2.298791 -2.488312 1.321318  45 1 0 2.771564 1.574681 -1.280384  46 1 0 4.676941 2.935864 -1.943535  47 1 0 6.977094 2.359773 -1.181457  48 1 0 7.339188 0.339879 0.194341  49 1 0 -1.788509 2.813922 1.114194  50 1 0 -1.396499 4.933113 1.594470  51 1 0 1.793708 -2.812626 -1.087307  52 1 0 1.402773 -4.932217 -1.566943  53 1 0 0.311507 5.212455 2.032342  54 1 0 -0.260056 5.690840 0.442730  55 1 0 0.256002 -5.686305 -0.423078  56 1 0 -0.302021 -5.210072 -2.018141 |
| TM\_NP\_model\_scan\_p\_30\_m\_40 | 1 6 0 1.395284 -0.304494 0.122279  2 6 0 0.917099 0.980633 0.392118  3 6 0 -0.435647 1.322824 0.329120  4 6 0 -1.398646 0.330566 0.008124  5 6 0 -0.912551 -0.950837 -0.277333  6 6 0 0.440073 -1.294580 -0.211760  7 6 0 -2.812997 0.652934 -0.337376  8 6 0 -3.106527 1.859249 -0.953324  9 6 0 -4.419002 2.214927 -1.323810  10 6 0 -5.464661 1.372787 -1.049405  11 6 0 -5.242538 0.159284 -0.350941  12 6 0 -3.911499 -0.200371 0.047476  13 6 0 -3.761852 -1.360125 0.857035  14 6 0 -4.838859 -2.145865 1.192780  15 6 0 -6.136177 -1.819743 0.743163  16 6 0 -6.329428 -0.685575 -0.003988  17 6 0 2.823433 -0.623638 0.404732  18 6 0 3.904106 0.168982 -0.119967  19 6 0 5.250956 -0.171356 0.238550  20 6 0 5.494683 -1.300108 1.061288  21 6 0 4.454086 -2.076380 1.502125  22 6 0 3.126993 -1.739814 1.165966  23 6 0 3.713182 1.254141 -1.018697  24 6 0 4.775987 1.986014 -1.492026  25 6 0 6.095883 1.674326 -1.099402  26 6 0 6.323791 0.614024 -0.258852  27 6 0 -0.818878 2.679459 0.782907  28 7 0 0.000440 3.650102 0.781437  29 6 0 -0.446563 4.920167 1.317779  30 6 0 0.834555 -2.655728 -0.637529  31 7 0 0.005370 -3.617299 -0.678404  32 6 0 0.470703 -4.898234 -1.171272  33 1 0 1.600830 1.753916 0.716461  34 1 0 -1.588502 -1.720167 -0.624313  35 1 0 -2.295296 2.513919 -1.245725  36 1 0 -4.588368 3.152117 -1.841718  37 1 0 -6.476203 1.628418 -1.346609  38 1 0 -2.784436 -1.623140 1.235374  39 1 0 -4.689682 -3.020396 1.815930  40 1 0 -6.975701 -2.453733 1.005141  41 1 0 -7.325345 -0.404975 -0.330755  42 1 0 6.518183 -1.542921 1.326738  43 1 0 4.640968 -2.944758 2.123651  44 1 0 2.319086 -2.339314 1.568224  45 1 0 2.712956 1.501845 -1.346290  46 1 0 4.599100 2.806751 -2.177945  47 1 0 6.924810 2.264239 -1.473952  48 1 0 7.335266 0.350798 0.032705  49 1 0 -1.843985 2.792869 1.158716  50 1 0 -1.489704 4.911703 1.668852  51 1 0 1.879879 -2.784208 -0.945522  52 1 0 1.534394 -4.905550 -1.453778  53 1 0 0.203883 5.207577 2.150019  54 1 0 -0.335603 5.694206 0.551787  55 1 0 0.300860 -5.662142 -0.405900  56 1 0 -0.127999 -5.187481 -2.040881 |
| TM\_NP\_model\_scan\_p\_30\_m\_50 | 1 6 0 1.394417 -0.272860 0.223345  2 6 0 0.899609 1.005539 0.486160  3 6 0 -0.456658 1.328785 0.397305  4 6 0 -1.397781 0.326055 0.042483  5 6 0 -0.889591 -0.946541 -0.243096  6 6 0 0.466174 -1.272675 -0.146521  7 6 0 -2.806907 0.634691 -0.337409  8 6 0 -3.098888 1.842910 -0.950231  9 6 0 -4.405525 2.186729 -1.351319  10 6 0 -5.447868 1.330227 -1.111168  11 6 0 -5.229403 0.113291 -0.417521  12 6 0 -3.904833 -0.234409 0.011981  13 6 0 -3.762519 -1.399121 0.815723  14 6 0 -4.838515 -2.199813 1.117577  15 6 0 -6.127573 -1.885012 0.637186  16 6 0 -6.314825 -0.746954 -0.105542  17 6 0 2.833042 -0.567424 0.484548  18 6 0 3.887163 0.170566 -0.154000  19 6 0 5.247883 -0.132109 0.183736  20 6 0 5.524865 -1.163390 1.116804  21 6 0 4.503656 -1.879075 1.687599  22 6 0 3.163090 -1.581552 1.365638  23 6 0 3.650935 1.168802 -1.138125  24 6 0 4.689894 1.849582 -1.726167  25 6 0 6.026978 1.569697 -1.367561  26 6 0 6.295577 0.597041 -0.437474  27 6 0 -0.870653 2.675540 0.853417  28 7 0 -0.064620 3.656627 0.887850  29 6 0 -0.544894 4.914715 1.423472  30 6 0 0.897844 -2.629182 -0.547565  31 7 0 0.077891 -3.592927 -0.660515  32 6 0 0.587340 -4.872291 -1.111541  33 1 0 1.571530 1.787499 0.816114  34 1 0 -1.546950 -1.721531 -0.612695  35 1 0 -2.288335 2.509573 -1.216178  36 1 0 -4.572540 3.126490 -1.865325  37 1 0 -6.454415 1.576768 -1.432069  38 1 0 -2.791991 -1.653764 1.216831  39 1 0 -4.695212 -3.077627 1.737488  40 1 0 -6.966055 -2.530846 0.872154  41 1 0 -7.305224 -0.475164 -0.455693  42 1 0 6.558454 -1.379171 1.366204  43 1 0 4.717538 -2.669810 2.397758  44 1 0 2.368789 -2.135746 1.852494  45 1 0 2.633807 1.389654 -1.432935  46 1 0 4.481740 2.605450 -2.474985  47 1 0 6.837197 2.117788 -1.835083  48 1 0 7.319926 0.363936 -0.165811  49 1 0 -1.908018 2.771582 1.199169  50 1 0 -1.598454 4.889106 1.741057  51 1 0 1.965950 -2.754140 -0.765084  52 1 0 1.671049 -4.876140 -1.303219  53 1 0 0.075077 5.200995 2.279059  54 1 0 -0.419809 5.698718 0.669892  55 1 0 0.355969 -5.636360 -0.362630  56 1 0 0.064864 -5.163725 -2.028268 |
| TM\_NP\_model\_scan\_p\_30\_m\_60 | 1 6 0 -1.394438 -0.231683 -0.318095  2 6 0 -0.879396 1.039831 -0.567470  3 6 0 0.480245 1.341682 -0.451128  4 6 0 1.397391 0.324917 -0.072478  5 6 0 0.864664 -0.939326 0.204674  6 6 0 -0.493844 -1.244479 0.077447  7 6 0 2.802011 0.613304 0.340136  8 6 0 3.097956 1.818117 0.957608  9 6 0 4.399944 2.142840 1.388661  10 6 0 5.434565 1.270379 1.174009  11 6 0 5.214044 0.056002 0.476561  12 6 0 3.894704 -0.272260 0.016722  13 6 0 3.753850 -1.435090 -0.790025  14 6 0 4.824540 -2.251636 -1.067127  15 6 0 6.106585 -1.956006 -0.556732  16 6 0 6.293426 -0.820562 0.190084  17 6 0 -2.843186 -0.495367 -0.567607  18 6 0 -3.867713 0.164606 0.188834  19 6 0 -5.241232 -0.089332 -0.135349  20 6 0 -5.556114 -0.991772 -1.183055  21 6 0 -4.559525 -1.626570 -1.879656  22 6 0 -3.205985 -1.376937 -1.568090  23 6 0 -3.585275 1.044031 1.269181  24 6 0 -4.596569 1.654428 1.971330  25 6 0 -5.948296 1.417903 1.635749  26 6 0 -6.259493 0.562872 0.608153  27 6 0 0.925909 2.681040 -0.898990  28 7 0 0.135626 3.673626 -0.958979  29 6 0 0.649440 4.923092 -1.483406  30 6 0 -0.961282 -2.597634 0.446096  31 7 0 -0.157108 -3.564374 0.626324  32 6 0 -0.706950 -4.843672 1.026592  33 1 0 -1.536529 1.833438 -0.900402  34 1 0 1.501818 -1.723987 0.589163  35 1 0 2.291639 2.497329 1.203935  36 1 0 4.569123 3.080804 1.905243  37 1 0 6.436971 1.502273 1.517962  38 1 0 2.789117 -1.675165 -1.213478  39 1 0 4.682725 -3.127283 -1.690448  40 1 0 6.940617 -2.614316 -0.772083  41 1 0 7.279395 -0.563419 0.563054  42 1 0 -6.598950 -1.172667 -1.421559  43 1 0 -4.803166 -2.316167 -2.679952  44 1 0 -2.430287 -1.869116 -2.144044  45 1 0 -2.554456 1.230095 1.541056  46 1 0 -4.356174 2.321261 2.791672  47 1 0 -6.736464 1.908561 2.195679  48 1 0 -7.295227 0.368051 0.349802  49 1 0 1.973883 2.761059 -1.215650  50 1 0 1.711587 4.881693 -1.769170  51 1 0 -2.044469 -2.719362 0.571637  52 1 0 -1.802715 -4.843709 1.128529  53 1 0 0.059448 5.215401 -2.357957  54 1 0 0.512935 5.711141 -0.736064  55 1 0 -0.417881 -5.604543 0.294620  56 1 0 -0.262430 -5.142442 1.981258 |
| TM\_NP\_model\_scan\_p\_30\_m\_70 | 1 6 0 -1.395347 -0.152551 -0.410625  2 6 0 -0.848142 1.109476 -0.630293  3 6 0 0.516862 1.375742 -0.485044  4 6 0 1.400690 0.332000 -0.100214  5 6 0 0.833075 -0.923285 0.147118  6 6 0 -0.529466 -1.193028 -0.013580  7 6 0 2.801935 0.581171 0.348879  8 6 0 3.111312 1.769861 0.990401  9 6 0 4.409376 2.056083 1.459168  10 6 0 5.427355 1.160917 1.259018  11 6 0 5.195216 -0.037724 0.538522  12 6 0 3.880740 -0.326161 0.039913  13 6 0 3.732683 -1.472960 -0.788218  14 6 0 4.789868 -2.311805 -1.050072  15 6 0 6.064786 -2.056249 -0.501573  16 6 0 6.259810 -0.936881 0.267075  17 6 0 -2.853729 -0.371281 -0.661255  18 6 0 -3.847552 0.158411 0.224250  19 6 0 -5.232254 -0.044912 -0.086079  20 6 0 -5.585652 -0.765583 -1.255486  21 6 0 -4.615832 -1.270143 -2.084016  22 6 0 -3.250672 -1.071610 -1.783146  23 6 0 -3.519967 0.864041 1.413654  24 6 0 -4.502165 1.353224 2.240737  25 6 0 -5.866358 1.162239 1.925952  26 6 0 -6.219497 0.477324 0.789866  27 6 0 1.004938 2.708343 -0.908010  28 7 0 0.239181 3.718987 -0.983405  29 6 0 0.796155 4.960108 -1.482765  30 6 0 -1.041794 -2.542600 0.302652  31 7 0 -0.268177 -3.522081 0.538465  32 6 0 -0.866010 -4.799672 0.869037  33 1 0 -1.482097 1.924593 -0.956596  34 1 0 1.443242 -1.729487 0.530938  35 1 0 2.315825 2.465413 1.226122  36 1 0 4.588098 2.982463 1.993155  37 1 0 6.425845 1.362818 1.632036  38 1 0 2.773817 -1.682338 -1.240364  39 1 0 4.643125 -3.174252 -1.690436  40 1 0 6.887625 -2.732166 -0.705098  41 1 0 7.241643 -0.709921 0.669391  42 1 0 -6.636594 -0.910934 -1.482585  43 1 0 -4.889786 -1.819059 -2.977921  44 1 0 -2.495460 -1.464670 -2.454710  45 1 0 -2.477743 1.014143 1.665087  46 1 0 -4.229924 1.889347 3.142906  47 1 0 -6.631367 1.555774 2.585790  48 1 0 -7.265020 0.322316 0.544290  49 1 0 2.063218 2.767358 -1.193505  50 1 0 1.865430 4.897048 -1.736239  51 1 0 -2.133372 -2.650845 0.332470  52 1 0 -1.966347 -4.786399 0.875132  53 1 0 0.239864 5.271070 -2.372859  54 1 0 0.654049 5.746137 -0.734358  55 1 0 -0.523316 -5.553271 0.152858  56 1 0 -0.509975 -5.118443 1.853867 |
| TM\_NP\_model\_scan\_p\_30\_m\_80 | 1 6 0 -1.396352 -0.050852 -0.484515  2 6 0 -0.812488 1.200629 -0.659637  3 6 0 0.557429 1.424314 -0.485782  4 6 0 1.405414 0.345874 -0.117075  5 6 0 0.800115 -0.900593 0.082062  6 6 0 -0.566408 -1.126932 -0.108323  7 6 0 2.804212 0.542583 0.364825  8 6 0 3.133374 1.702414 1.047944  9 6 0 4.428841 1.936762 1.551632  10 6 0 5.425190 1.019016 1.344995  11 6 0 5.174777 -0.149830 0.582959  12 6 0 3.863642 -0.384826 0.048973  13 6 0 3.701253 -1.500390 -0.818283  14 6 0 4.739944 -2.360438 -1.085264  15 6 0 6.009521 -2.158879 -0.502850  16 6 0 6.219358 -1.070161 0.304911  17 6 0 -2.863064 -0.216223 -0.737858  18 6 0 -3.827964 0.140606 0.257760  19 6 0 -5.221825 -0.004339 -0.042628  20 6 0 -5.611710 -0.495922 -1.314784  21 6 0 -4.668212 -0.833019 -2.251700  22 6 0 -3.293425 -0.691445 -1.959726  23 6 0 -3.460238 0.625723 1.541829  24 6 0 -4.414650 0.955542 2.473732  25 6 0 -5.788572 0.817424 2.173349  26 6 0 -6.179600 0.347894 0.943894  27 6 0 1.088624 2.754812 -0.860550  28 7 0 0.351133 3.787219 -0.921855  29 6 0 0.950076 5.026765 -1.374258  30 6 0 -1.121615 -2.474301 0.135839  31 7 0 -0.382881 -3.475027 0.392822  32 6 0 -1.023001 -4.751806 0.635444  33 1 0 -1.420132 2.043113 -0.965852  34 1 0 1.382052 -1.735929 0.447125  35 1 0 2.352995 2.413129 1.288986  36 1 0 4.622209 2.841168 2.117259  37 1 0 6.420797 1.180659 1.744403  38 1 0 2.746711 -1.667958 -1.296328  39 1 0 4.582919 -3.197834 -1.755748  40 1 0 6.817264 -2.851351 -0.711146  41 1 0 7.198435 -0.883919 0.733966  42 1 0 -6.669264 -0.599601 -1.533902  43 1 0 -4.970311 -1.206318 -3.223737  44 1 0 -2.559035 -0.955751 -2.712468  45 1 0 -2.409738 0.736040 1.780092  46 1 0 -4.113352 1.325102 3.447457  47 1 0 -6.531250 1.082984 2.917260  48 1 0 -7.232881 0.238172 0.707195  49 1 0 2.153645 2.793736 -1.123576  50 1 0 2.022360 4.942762 -1.608238  51 1 0 -2.214486 -2.562687 0.087199  52 1 0 -2.120457 -4.718810 0.562379  53 1 0 0.420327 5.377168 -2.265896  54 1 0 0.812838 5.794879 -0.606581  55 1 0 -0.640902 -5.487059 -0.079873  56 1 0 -0.744388 -5.109453 1.631778 |
| TM\_NP\_model\_scan\_p\_30\_m\_90 | 1 6 0 -1.397415 0.084417 -0.526755  2 6 0 -0.770652 1.322505 -0.631977  3 6 0 0.604585 1.490374 -0.436461  4 6 0 1.412183 0.366599 -0.116617  5 6 0 0.764759 -0.868889 0.005152  6 6 0 -0.605819 -1.039127 -0.211552  7 6 0 2.810228 0.491975 0.390709  8 6 0 3.165932 1.603355 1.138287  9 6 0 4.460712 1.769486 1.670043  10 6 0 5.430349 0.831855 1.428748  11 6 0 5.154090 -0.287184 0.603511  12 6 0 3.844356 -0.451318 0.040278  13 6 0 3.659964 -1.514489 -0.886430  14 6 0 4.674529 -2.393327 -1.183310  15 6 0 5.940774 -2.263853 -0.573717  16 6 0 6.172856 -1.225547 0.292259  17 6 0 -2.870275 -0.011836 -0.782598  18 6 0 -3.812272 0.112444 0.288200  19 6 0 -5.212592 0.034302 -0.005695  20 6 0 -5.631572 -0.161299 -1.346870  21 6 0 -4.709776 -0.275404 -2.356136  22 6 0 -3.328103 -0.200373 -2.070163  23 6 0 -3.414459 0.309450 1.638050  24 6 0 -4.346657 0.420419 2.641517  25 6 0 -5.727083 0.342520 2.349665  26 6 0 -6.146909 0.154903 1.055930  27 6 0 1.183401 2.819598 -0.737188  28 7 0 0.480549 3.877556 -0.756452  29 6 0 1.125666 5.117280 -1.139390  30 6 0 -1.204587 -2.382711 -0.072461  31 7 0 -0.505653 -3.413353 0.177152  32 6 0 -1.185919 -4.686108 0.303618  33 1 0 -1.347798 2.201021 -0.892598  34 1 0 1.315679 -1.743324 0.323892  35 1 0 2.404971 2.325305 1.406585  36 1 0 4.674191 2.636783 2.284446  37 1 0 6.424640 0.940218 1.848902  38 1 0 2.708118 -1.625652 -1.385840  39 1 0 4.501115 -3.189439 -1.898569  40 1 0 6.728998 -2.970832 -0.806583  41 1 0 7.150669 -1.093660 0.743737  42 1 0 -6.693918 -0.217862 -1.559953  43 1 0 -5.034125 -0.423004 -3.380072  44 1 0 -2.610883 -0.291271 -2.878290  45 1 0 -2.358716 0.376317 1.869548  46 1 0 -4.022704 0.571331 3.665113  47 1 0 -6.452219 0.432992 3.150611  48 1 0 -7.205530 0.095874 0.824991  49 1 0 2.252648 2.836232 -0.984806  50 1 0 2.197880 5.009445 -1.363760  51 1 0 -2.293419 -2.441839 -0.197560  52 1 0 -2.274581 -4.623866 0.156350  53 1 0 0.620324 5.528051 -2.019371  54 1 0 1.002393 5.851027 -0.336550  55 1 0 -0.768394 -5.390547 -0.422795  56 1 0 -0.985382 -5.102827 1.295761 |
| TM\_NP\_model\_scan\_p\_30\_m\_100 | 1 6 0 -1.394443 0.217538 -0.523342  2 6 0 -0.729001 1.439304 -0.556723  3 6 0 0.650083 1.553584 -0.348884  4 6 0 1.421858 0.389380 -0.092739  5 6 0 0.736332 -0.830766 -0.044043  6 6 0 -0.637272 -0.946636 -0.274369  7 6 0 2.822365 0.441138 0.420549  8 6 0 3.212769 1.496385 1.229607  9 6 0 4.512045 1.591233 1.767773  10 6 0 5.451651 0.638844 1.472000  11 6 0 5.140800 -0.421919 0.584220  12 6 0 3.826826 -0.512045 0.013964  13 6 0 3.610300 -1.512416 -0.973747  14 6 0 4.597050 -2.403545 -1.322982  15 6 0 5.866051 -2.350013 -0.707761  16 6 0 6.129690 -1.372125 0.217518  17 6 0 -2.869581 0.185173 -0.777937  18 6 0 -3.805839 0.073896 0.300419  19 6 0 -5.207812 0.057866 0.003767  20 6 0 -5.635078 0.161153 -1.345054  21 6 0 -4.719766 0.280821 -2.359326  22 6 0 -3.336605 0.293874 -2.071627  23 6 0 -3.402469 -0.012201 1.660144  24 6 0 -4.329904 -0.118616 2.668682  25 6 0 -5.711460 -0.143262 2.373137  26 6 0 -6.136914 -0.055171 1.070769  27 6 0 1.269490 2.880184 -0.568853  28 7 0 0.598639 3.958194 -0.528027  29 6 0 1.283108 5.198250 -0.833694  30 6 0 -1.271605 -2.280888 -0.241266  31 7 0 -0.610752 -3.339470 -0.005374  32 6 0 -1.321708 -4.601588 0.002078  33 1 0 -1.278562 2.349561 -0.762050  34 1 0 1.259871 -1.739553 0.220075  35 1 0 2.474451 2.224689 1.540413  36 1 0 4.752695 2.414897 2.430272  37 1 0 6.448724 0.691748 1.896205  38 1 0 2.655954 -1.563487 -1.478065  39 1 0 4.399557 -3.149775 -2.084296  40 1 0 6.632031 -3.066388 -0.982359  41 1 0 7.110787 -1.297752 0.674971  42 1 0 -6.698655 0.147798 -1.559055  43 1 0 -5.050148 0.364094 -3.388557  44 1 0 -2.624466 0.383695 -2.884269  45 1 0 -2.346312 0.013855 1.897624  46 1 0 -4.000904 -0.180463 3.699918  47 1 0 -6.432629 -0.227438 3.178315  48 1 0 -7.196475 -0.067553 0.837005  49 1 0 2.340062 2.879409 -0.811118  50 1 0 2.352748 5.071155 -1.060278  51 1 0 -2.350837 -2.308236 -0.438344  52 1 0 -2.397113 -4.506646 -0.210580  53 1 0 0.795307 5.676392 -1.689224  54 1 0 1.177988 5.885987 0.011358  55 1 0 -0.871010 -5.272232 -0.736453  56 1 0 -1.194040 -5.079406 0.978613 |
| TM\_NP\_model\_scan\_p\_30\_m\_110 | 1 6 0 -1.395395 0.319768 -0.519762  2 6 0 -0.700742 1.526145 -0.492171  3 6 0 0.680574 1.599170 -0.282926  4 6 0 1.426453 0.407117 -0.085594  5 6 0 0.714802 -0.798711 -0.106969  6 6 0 -0.660540 -0.872688 -0.343292  7 6 0 2.824132 0.401907 0.437702  8 6 0 3.229315 1.404286 1.304688  9 6 0 4.525227 1.442423 1.857658  10 6 0 5.446929 0.486552 1.519713  11 6 0 5.121947 -0.518811 0.574335  12 6 0 3.811828 -0.549942 -0.011009  13 6 0 3.583564 -1.491228 -1.052577  14 6 0 4.554277 -2.384061 -1.440385  15 6 0 5.817977 -2.391329 -0.812113  16 6 0 6.093553 -1.469999 0.166190  17 6 0 -2.874315 0.343764 -0.741968  18 6 0 -3.794316 0.023370 0.309972  19 6 0 -5.201255 0.081667 0.042972  20 6 0 -5.650999 0.469318 -1.245364  21 6 0 -4.752219 0.795209 -2.228593  22 6 0 -3.364893 0.734088 -1.972043  23 6 0 -3.372414 -0.330923 1.620114  24 6 0 -4.285074 -0.632913 2.602103  25 6 0 -5.670975 -0.593877 2.330428  26 6 0 -6.114998 -0.240856 1.080314  27 6 0 1.329574 2.921224 -0.434168  28 7 0 0.682040 4.010611 -0.345726  29 6 0 1.395962 5.248482 -0.586003  30 6 0 -1.314064 -2.196882 -0.413066  31 7 0 -0.682552 -3.276344 -0.192223  32 6 0 -1.406753 -4.526345 -0.299710  33 1 0 -1.230586 2.458885 -0.640550  34 1 0 1.218617 -1.732564 0.102167  35 1 0 2.503394 2.130503 1.647763  36 1 0 4.777156 2.224381 2.564970  37 1 0 6.440760 0.494947 1.954604  38 1 0 2.633576 -1.493858 -1.567626  39 1 0 4.348400 -3.083992 -2.242348  40 1 0 6.571004 -3.108914 -1.117620  41 1 0 7.071455 -1.441821 0.635529  42 1 0 -6.718220 0.509135 -1.436645  43 1 0 -5.099177 1.097892 -3.210120  44 1 0 -2.666335 0.985444 -2.762207  45 1 0 -2.313586 -0.352756 1.844618  46 1 0 -3.940371 -0.897991 3.595278  47 1 0 -6.380466 -0.836051 3.113645  48 1 0 -7.177977 -0.198403 0.866439  49 1 0 2.401700 2.908695 -0.669194  50 1 0 2.464352 5.108560 -0.810883  51 1 0 -2.378519 -2.197527 -0.679119  52 1 0 -2.465869 -4.403908 -0.571594  53 1 0 0.925804 5.778293 -1.420725  54 1 0 1.299148 5.896692 0.290672  55 1 0 -0.918945 -5.161191 -1.046293  56 1 0 -1.344708 -5.059860 0.654034 |
| TM\_NP\_model\_scan\_p\_30\_m\_120 | 1 6 0 -1.393562 0.389697 -0.505759  2 6 0 -0.676754 1.582889 -0.440176  3 6 0 0.705170 1.627959 -0.230662  4 6 0 1.432490 0.419273 -0.069709  5 6 0 0.700827 -0.773228 -0.127443  6 6 0 -0.675428 -0.818839 -0.364777  7 6 0 2.830014 0.374880 0.451428  8 6 0 3.253195 1.343365 1.347843  9 6 0 4.550395 1.342796 1.899117  10 6 0 5.455909 0.383188 1.529249  11 6 0 5.113191 -0.586166 0.553126  12 6 0 3.801615 -0.577893 -0.029596  13 6 0 3.556748 -1.481108 -1.100731  14 6 0 4.512666 -2.375807 -1.519748  15 6 0 5.777222 -2.423305 -0.894988  16 6 0 6.068978 -1.538797 0.112158  17 6 0 -2.873992 0.453640 -0.697076  18 6 0 -3.791877 -0.021787 0.299513  19 6 0 -5.200088 0.094296 0.055624  20 6 0 -5.655014 0.700988 -1.142855  21 6 0 -4.759691 1.191800 -2.058268  22 6 0 -3.372724 1.072578 -1.827632  23 6 0 -3.371714 -0.571390 1.541486  24 6 0 -4.284144 -1.012999 2.469419  25 6 0 -5.670309 -0.928056 2.210882  26 6 0 -6.113657 -0.382220 1.032325  27 6 0 1.374116 2.944370 -0.339203  28 7 0 0.743325 4.040060 -0.215196  29 6 0 1.476303 5.274187 -0.413787  30 6 0 -1.338378 -2.133355 -0.505671  31 7 0 -0.730249 -3.226091 -0.284811  32 6 0 -1.458526 -4.463749 -0.476090  33 1 0 -1.191336 2.529268 -0.551090  34 1 0 1.189921 -1.721577 0.048849  35 1 0 2.539947 2.070498 1.714775  36 1 0 4.816234 2.097874 2.630141  37 1 0 6.450435 0.361707 1.962083  38 1 0 2.606225 -1.451786 -1.613961  39 1 0 4.294607 -3.045658 -2.343881  40 1 0 6.518419 -3.142080 -1.225617  41 1 0 7.048107 -1.541194 0.579781  42 1 0 -6.723110 0.780530 -1.315845  43 1 0 -5.109496 1.668340 -2.967017  44 1 0 -2.677788 1.450326 -2.569057  45 1 0 -2.313920 -0.630909 1.762167  46 1 0 -3.937945 -1.423707 3.411206  47 1 0 -6.379619 -1.283930 2.949561  48 1 0 -7.176627 -0.297207 0.831564  49 1 0 2.446081 2.923037 -0.574270  50 1 0 2.542135 5.125436 -0.645032  51 1 0 -2.386069 -2.114608 -0.830499  52 1 0 -2.500044 -4.320051 -0.800261  53 1 0 1.013637 5.840061 -1.228770  54 1 0 1.390669 5.892968 0.485056  55 1 0 -0.936471 -5.076973 -1.217595  56 1 0 -1.453401 -5.031381 0.459759 |
| TM\_NP\_model\_scan\_p\_30\_m\_130 | 1 6 0 -1.395567 0.440120 -0.511122  2 6 0 -0.661211 1.622636 -0.420205  3 6 0 0.720766 1.648455 -0.213103  4 6 0 1.434338 0.429471 -0.070101  5 6 0 0.688731 -0.752454 -0.154599  6 6 0 -0.687334 -0.778451 -0.395855  7 6 0 2.828396 0.360599 0.456832  8 6 0 3.256461 1.308915 1.372430  9 6 0 4.549926 1.284515 1.931792  10 6 0 5.447029 0.321011 1.551611  11 6 0 5.099852 -0.627832 0.557134  12 6 0 3.792425 -0.594851 -0.033973  13 6 0 3.544763 -1.477040 -1.121827  14 6 0 4.493173 -2.375835 -1.549122  15 6 0 5.752665 -2.448499 -0.916630  16 6 0 6.047658 -1.584085 0.106881  17 6 0 -2.878927 0.535104 -0.652659  18 6 0 -3.785535 -0.063919 0.289576  19 6 0 -5.196984 0.102181 0.093914  20 6 0 -5.668069 0.891898 -0.985114  21 6 0 -4.783801 1.516932 -1.826449  22 6 0 -3.395819 1.344505 -1.648908  23 6 0 -3.355655 -0.773262 1.444682  24 6 0 -4.258424 -1.330942 2.317973  25 6 0 -5.647175 -1.210153 2.091112  26 6 0 -6.101104 -0.502294 1.006996  27 6 0 1.404519 2.959045 -0.299136  28 7 0 0.785644 4.060012 -0.162724  29 6 0 1.533394 5.288379 -0.341090  30 6 0 -1.350170 -2.085310 -0.601921  31 7 0 -0.760765 -3.187448 -0.377640  32 6 0 -1.482946 -4.414459 -0.645815  33 1 0 -1.163532 2.578478 -0.500991  34 1 0 1.166486 -1.710352 -0.000290  35 1 0 2.548991 2.037675 1.747266  36 1 0 4.819289 2.024106 2.677216  37 1 0 6.438315 0.280859 1.990499  38 1 0 2.598559 -1.427688 -1.641471  39 1 0 4.273247 -3.029276 -2.385842  40 1 0 6.487746 -3.170393 -1.254046  41 1 0 7.023411 -1.605588 0.581034  42 1 0 -6.738244 1.006993 -1.120937  43 1 0 -5.143535 2.139367 -2.637870  44 1 0 -2.712823 1.825453 -2.339746  45 1 0 -2.297226 -0.861681 1.648772  46 1 0 -3.901201 -1.860791 3.193808  47 1 0 -6.349059 -1.661839 2.783006  48 1 0 -7.165787 -0.380690 0.836494  49 1 0 2.477226 2.928911 -0.529788  50 1 0 2.598502 5.130647 -0.569612  51 1 0 -2.377954 -2.051881 -0.984240  52 1 0 -2.502037 -4.254585 -1.028244  53 1 0 1.081004 5.870497 -1.150408  54 1 0 1.450584 5.895865 0.565666  55 1 0 -0.920433 -5.011613 -1.370632  56 1 0 -1.537942 -5.006696 0.273057 |
| TM\_NP\_model\_scan\_p\_30\_m\_140 | 1 6 0 -1.398068 0.466197 -0.537671  2 6 0 -0.651662 1.642276 -0.435277  3 6 0 0.728725 1.659114 -0.221545  4 6 0 1.434338 0.436224 -0.074628  5 6 0 0.680106 -0.739343 -0.165449  6 6 0 -0.694532 -0.755886 -0.414576  7 6 0 2.824338 0.356888 0.460605  8 6 0 3.254164 1.300981 1.379785  9 6 0 4.544447 1.266602 1.945922  10 6 0 5.437118 0.297918 1.568385  11 6 0 5.088935 -0.646363 0.569937  12 6 0 3.784687 -0.603743 -0.027456  13 6 0 3.537008 -1.481307 -1.119045  14 6 0 4.482057 -2.384549 -1.544377  15 6 0 5.737940 -2.466724 -0.905906  16 6 0 6.033085 -1.607165 0.121646  17 6 0 -2.884060 0.580261 -0.629575  18 6 0 -3.779838 -0.101429 0.270549  19 6 0 -5.193560 0.102203 0.126113  20 6 0 -5.678071 1.020483 -0.838522  21 6 0 -4.802785 1.741873 -1.608705  22 6 0 -3.415589 1.529911 -1.487158  23 6 0 -3.341839 -0.915006 1.352025  24 6 0 -4.235701 -1.544576 2.184776  25 6 0 -5.626588 -1.398516 1.990399  26 6 0 -6.089359 -0.584401 0.988174  27 6 0 1.419776 2.966777 -0.296924  28 7 0 0.806062 4.070355 -0.158800  29 6 0 1.561612 5.295709 -0.324827  30 6 0 -1.350190 -2.059544 -0.665791  31 7 0 -0.773987 -3.166406 -0.431803  32 6 0 -1.483786 -4.387033 -0.756589  33 1 0 -1.144019 2.604015 -0.502243  34 1 0 1.149959 -1.701569 -0.013743  35 1 0 2.549770 2.033907 1.752303  36 1 0 4.814882 2.002842 2.694266  37 1 0 6.425842 0.250341 2.012276  38 1 0 2.593825 -1.424468 -1.643395  39 1 0 4.262407 -3.034008 -2.384267  40 1 0 6.470347 -3.191958 -1.241971  41 1 0 7.006348 -1.635981 0.600503  42 1 0 -6.749377 1.160877 -0.936024  43 1 0 -5.169416 2.470311 -2.322921  44 1 0 -2.745278 2.084168 -2.133691  45 1 0 -2.283091 -1.024100 1.539882  46 1 0 -3.868183 -2.150138 3.005563  47 1 0 -6.321679 -1.910033 2.646541  48 1 0 -7.154967 -0.434226 0.849334  49 1 0 2.493816 2.931994 -0.520535  50 1 0 2.627182 5.133496 -0.547899  51 1 0 -2.358206 -2.017498 -1.097153  52 1 0 -2.480583 -4.218130 -1.190470  53 1 0 1.117390 5.885586 -1.133021  54 1 0 1.476702 5.897704 0.585402  55 1 0 -0.884921 -4.975113 -1.459320  56 1 0 -1.589537 -4.992665 0.149034 |
| TM\_NP\_model\_scan\_p\_30\_p\_20 | 1 6 0 -1.404090 0.366116 -0.065878  2 6 0 -0.946754 -0.958481 -0.095822  3 6 0 0.402337 -1.320415 -0.101342  4 6 0 1.401771 -0.315883 -0.128808  5 6 0 0.949992 1.008610 -0.149374  6 6 0 -0.397691 1.369381 -0.106131  7 6 0 2.832439 -0.590058 -0.446547  8 6 0 3.152823 -1.634413 -1.299807  9 6 0 4.482623 -1.927538 -1.663047  10 6 0 5.516743 -1.192349 -1.145398  11 6 0 5.262726 -0.164254 -0.202961  12 6 0 3.912906 0.124794 0.189431  13 6 0 3.724937 1.066860 1.238250  14 6 0 4.785939 1.728242 1.809760  15 6 0 6.105177 1.488128 1.369687  16 6 0 6.333464 0.553942 0.391442  17 6 0 -2.839409 0.625231 -0.384319  18 6 0 -3.912335 -0.156981 0.191619  19 6 0 -5.264839 0.123927 -0.199777  20 6 0 -5.539009 1.222298 -1.052791  21 6 0 -4.521587 2.034585 -1.477928  22 6 0 -3.188426 1.744818 -1.125413  23 6 0 -3.722851 -1.153547 1.189085  24 6 0 -4.775085 -1.880453 1.693984  25 6 0 -6.090398 -1.657273 1.235722  26 6 0 -6.325220 -0.665586 0.317792  27 6 0 0.727272 -2.758321 0.045816  28 7 0 -0.115463 -3.676152 -0.199858  29 6 0 0.278466 -5.048659 0.046216  30 6 0 -0.703121 2.809861 0.065777  31 7 0 0.110702 3.725499 -0.268838  32 6 0 -0.249954 5.098940 0.020184  33 1 0 -1.649670 -1.776749 -0.160814  34 1 0 1.656720 1.822855 -0.234604  35 1 0 2.355839 -2.185384 -1.782751  36 1 0 4.675342 -2.727472 -2.368849  37 1 0 6.542305 -1.396728 -1.434050  38 1 0 2.728352 1.252462 1.612745  39 1 0 4.607295 2.434783 2.612510  40 1 0 6.932643 2.025460 1.818975  41 1 0 7.344892 0.334698 0.065433  42 1 0 -6.566275 1.420019 -1.339856  43 1 0 -4.727681 2.893481 -2.106416  44 1 0 -2.408970 2.356182 -1.559881  45 1 0 -2.733741 -1.328673 1.585716  46 1 0 -4.591230 -2.625520 2.459871  47 1 0 -6.910043 -2.248367 1.628185  48 1 0 -7.335675 -0.451109 -0.014312  49 1 0 1.732877 -2.988930 0.420747  50 1 0 1.306907 -5.154442 0.423815  51 1 0 -1.662194 3.042844 0.547397  52 1 0 -1.231696 5.207628 0.506031  53 1 0 -0.411210 -5.496719 0.768706  54 1 0 0.178805 -5.623827 -0.879693  55 1 0 0.514573 5.543227 0.665518  56 1 0 -0.247912 5.675718 -0.910075 |
| TM\_NP\_model\_scan\_p\_30\_p\_30 | 1 6 0 1.404180 -0.314362 -0.155597  2 6 0 0.932008 1.002870 -0.174639  3 6 0 -0.423467 1.339275 -0.157688  4 6 0 -1.404230 0.314433 -0.155578  5 6 0 -0.932027 -1.002847 -0.174579  6 6 0 0.423410 -1.339243 -0.157636  7 6 0 -2.846152 0.561943 -0.444995  8 6 0 -3.202176 1.593978 -1.298996  9 6 0 -4.544192 1.861641 -1.636304  10 6 0 -5.554503 1.113383 -1.091117  11 6 0 -5.263200 0.097693 -0.146028  12 6 0 -3.900655 -0.165418 0.219753  13 6 0 -3.674671 -1.095143 1.272087  14 6 0 -4.712008 -1.769237 1.871519  15 6 0 -6.044134 -1.555019 1.457722  16 6 0 -6.308839 -0.633200 0.476934  17 6 0 2.846096 -0.561987 -0.444915  18 6 0 3.900608 0.165456 0.219713  19 6 0 5.263161 -0.097842 -0.145953  20 6 0 5.554440 -1.113726 -1.090834  21 6 0 4.544096 -1.861987 -1.635981  22 6 0 3.202104 -1.594167 -1.298768  23 6 0 3.674683 1.095453 1.271812  24 6 0 4.712053 1.769628 1.871103  25 6 0 6.044181 1.555205 1.457428  26 6 0 6.308836 0.633107 0.476881  27 6 0 -0.773588 2.771071 -0.010365  28 7 0 0.043667 3.703790 -0.284654  29 6 0 -0.370885 5.069741 -0.035856  30 6 0 0.773548 -2.771023 -0.010144  31 7 0 -0.043431 -3.703799 -0.285023  32 6 0 0.371056 -5.069716 -0.035873  33 1 0 1.627070 1.828996 -0.239201  34 1 0 -1.627146 -1.828932 -0.239061  35 1 0 -2.424942 2.154785 -1.802415  36 1 0 -4.765363 2.652462 -2.344035  37 1 0 -6.589266 1.297945 -1.359588  38 1 0 -2.667449 -1.261034 1.626774  39 1 0 -4.504444 -2.465814 2.676012  40 1 0 -6.852689 -2.102232 1.929000  41 1 0 -7.330528 -0.433657 0.170859  42 1 0 6.589212 -1.298432 -1.359172  43 1 0 4.765237 -2.652893 -2.343625  44 1 0 2.424846 -2.154977 -1.802149  45 1 0 2.667482 1.261515 1.626478  46 1 0 4.504485 2.466452 2.675383  47 1 0 6.852761 2.102459 1.928610  48 1 0 7.330519 0.433377 0.170906  49 1 0 -1.773233 2.983990 0.390167  50 1 0 -1.390274 5.157534 0.369878  51 1 0 1.772931 -2.983820 0.391142  52 1 0 1.390182 -5.157416 0.370537  53 1 0 0.329637 5.536223 0.664203  54 1 0 -0.308738 5.640676 -0.967669  55 1 0 -0.329899 -5.536192 0.663757  56 1 0 0.309549 -5.640706 -0.967693 |
| TM\_NP\_model\_scan\_p\_30\_p\_40 | 1 6 0 1.404676 -0.265096 -0.244533  2 6 0 0.917468 1.044749 -0.247325  3 6 0 -0.443286 1.356901 -0.205921  4 6 0 -1.405365 0.313401 -0.180891  5 6 0 -0.913235 -0.996296 -0.204869  6 6 0 0.448751 -1.309226 -0.214648  7 6 0 -2.856980 0.536874 -0.441849  8 6 0 -3.246375 1.560791 -1.290952  9 6 0 -4.598938 1.806281 -1.602193  10 6 0 -5.586176 1.043499 -1.035338  11 6 0 -5.259931 0.035047 -0.093934  12 6 0 -3.886371 -0.205462 0.245329  13 6 0 -3.624918 -1.129067 1.294843  14 6 0 -4.639365 -1.818259 1.915924  15 6 0 -5.982651 -1.626171 1.528185  16 6 0 -6.281317 -0.710869 0.551050  17 6 0 2.854138 -0.497093 -0.505764  18 6 0 3.884675 0.166078 0.249825  19 6 0 5.257421 -0.067909 -0.094921  20 6 0 5.574786 -0.981523 -1.131600  21 6 0 4.580088 -1.656276 -1.791049  22 6 0 3.228251 -1.419820 -1.468133  23 6 0 3.618428 1.010214 1.362738  24 6 0 4.634679 1.625290 2.054153  25 6 0 5.981335 1.431620 1.676821  26 6 0 6.281158 0.596756 0.630149  27 6 0 -0.816785 2.781739 -0.050107  28 7 0 -0.024313 3.729332 -0.345448  29 6 0 -0.457588 5.087446 -0.085717  30 6 0 0.838844 -2.732595 -0.099029  31 7 0 0.020606 -3.680752 -0.310999  32 6 0 0.483682 -5.038984 -0.110950  33 1 0 1.603973 1.879152 -0.308116  34 1 0 -1.596246 -1.833492 -0.253674  35 1 0 -2.488333 2.132871 -1.810742  36 1 0 -4.846596 2.591696 -2.307169  37 1 0 -6.628897 1.210820 -1.283549  38 1 0 -2.608447 -1.278389 1.629860  39 1 0 -4.404821 -2.509781 2.717355  40 1 0 -6.772894 -2.185133 2.016440  41 1 0 -7.311905 -0.528225 0.264896  42 1 0 6.617090 -1.145035 -1.384182  43 1 0 4.822763 -2.364339 -2.575264  44 1 0 2.460073 -1.924392 -2.041690  45 1 0 2.596019 1.157973 1.682179  46 1 0 4.400370 2.259408 2.901815  47 1 0 6.773386 1.929767 2.224422  48 1 0 7.313323 0.420223 0.345834  49 1 0 -1.809846 2.975972 0.375590  50 1 0 -1.467675 5.156573 0.346151  51 1 0 1.872518 -2.926927 0.213969  52 1 0 1.535180 -5.107101 0.207059  53 1 0 0.251991 5.566898 0.596201  54 1 0 -0.430062 5.659160 -1.018716  55 1 0 -0.145603 -5.526371 0.640613  56 1 0 0.356004 -5.603622 -1.039918 |
| TM\_NP\_model\_scan\_p\_30\_p\_50 | 1 6 0 1.406116 -0.205013 -0.343138  2 6 0 0.898840 1.095254 -0.322129  3 6 0 -0.467187 1.378973 -0.252477  4 6 0 -1.406625 0.314545 -0.210951  5 6 0 -0.890499 -0.985257 -0.252270  6 6 0 0.477762 -1.270086 -0.292484  7 6 0 -2.868265 0.511046 -0.437157  8 6 0 -3.296865 1.531749 -1.270993  9 6 0 -4.660803 1.753464 -1.548801  10 6 0 -5.619877 0.969333 -0.963119  11 6 0 -5.252498 -0.037866 -0.035635  12 6 0 -3.867000 -0.254420 0.269615  13 6 0 -3.563563 -1.179041 1.306925  14 6 0 -4.550046 -1.890599 1.947540  15 6 0 -5.905520 -1.721349 1.592980  16 6 0 -6.244277 -0.806274 0.628780  17 6 0 2.864937 -0.412206 -0.576771  18 6 0 3.861886 0.165989 0.281444  19 6 0 5.247143 -0.032747 -0.032691  20 6 0 5.604084 -0.816538 -1.159123  21 6 0 4.636172 -1.396134 -1.938754  22 6 0 3.272067 -1.197658 -1.640428  23 6 0 3.545152 0.897196 1.458912  24 6 0 4.530760 1.431476 2.253703  25 6 0 5.892815 1.263978 1.919813  26 6 0 6.238526 0.542990 0.804595  27 6 0 -0.866924 2.794315 -0.077677  28 7 0 -0.102890 3.760140 -0.388608  29 6 0 -0.557167 5.107240 -0.108292  30 6 0 0.909083 -2.683499 -0.221207  31 7 0 0.097318 -3.648932 -0.371832  32 6 0 0.608646 -4.997629 -0.236102  33 1 0 1.572728 1.940988 -0.375493  34 1 0 -1.558108 -1.835249 -0.292224  35 1 0 -2.562313 2.120988 -1.805160  36 1 0 -4.939686 2.537930 -2.243102  37 1 0 -6.671164 1.118428 -1.185464  38 1 0 -2.536868 -1.311637 1.616754  39 1 0 -4.283735 -2.582351 2.738778  40 1 0 -6.673393 -2.297736 2.096446  41 1 0 -7.284595 -0.641246 0.368294  42 1 0 6.655484 -0.955093 -1.387978  43 1 0 4.910573 -2.000478 -2.795946  44 1 0 2.522587 -1.632909 -2.291388  45 1 0 2.507743 1.023892 1.738057  46 1 0 4.261166 1.981927 3.148058  47 1 0 6.660686 1.696074 2.551526  48 1 0 7.282285 0.393530 0.548444  49 1 0 -1.851943 2.964693 0.376042  50 1 0 -1.556728 5.152776 0.350411  51 1 0 1.970685 -2.855586 -0.004656  52 1 0 1.686186 -5.043805 -0.016877  53 1 0 0.160184 5.596984 0.558011  54 1 0 -0.566047 5.685257 -1.037768  55 1 0 0.062523 -5.510663 0.562017  56 1 0 0.409501 -5.552547 -1.158345 |
| TM\_NP\_model\_scan\_p\_30\_p\_60 | 1 6 0 1.407179 -0.130413 -0.424034  2 6 0 0.877093 1.157794 -0.361294  3 6 0 -0.493840 1.409245 -0.262626  4 6 0 -1.408392 0.322575 -0.225593  5 6 0 -0.866008 -0.964976 -0.299590  6 6 0 0.507717 -1.217646 -0.370815  7 6 0 -2.877599 0.492313 -0.424806  8 6 0 -3.339929 1.519170 -1.232620  9 6 0 -4.712215 1.717884 -1.485555  10 6 0 -5.645845 0.903000 -0.900832  11 6 0 -5.243514 -0.114238 0.000832  12 6 0 -3.849315 -0.307870 0.281016  13 6 0 -3.510947 -1.247338 1.293957  14 6 0 -4.472729 -1.992255 1.934212  15 6 0 -5.836720 -1.843775 1.603767  16 6 0 -6.208995 -0.916415 0.663962  17 6 0 2.873764 -0.303804 -0.647646  18 6 0 3.841015 0.151678 0.308699  19 6 0 5.235364 0.001874 0.009897  20 6 0 5.626773 -0.604673 -1.210794  21 6 0 4.683809 -1.056266 -2.098604  22 6 0 3.310251 -0.907419 -1.811885  23 6 0 3.481759 0.721097 1.560638  24 6 0 4.439715 1.140879 2.451985  25 6 0 5.812484 1.013497 2.143667  26 6 0 6.197251 0.453495 0.951133  27 6 0 -0.921965 2.810918 -0.050448  28 7 0 -0.185979 3.799914 -0.356344  29 6 0 -0.664382 5.130261 -0.038788  30 6 0 0.980209 -2.618837 -0.358890  31 7 0 0.183014 -3.603900 -0.447611  32 6 0 0.739891 -4.940037 -0.391418  33 1 0 1.535609 2.016891 -0.396189  34 1 0 -1.515856 -1.828360 -0.344770  35 1 0 -2.626017 2.133629 -1.766346  36 1 0 -5.017712 2.509517 -2.160263  37 1 0 -6.703281 1.034493 -1.104329  38 1 0 -2.477052 -1.365622 1.585042  39 1 0 -4.180164 -2.694841 2.706389  40 1 0 -6.584768 -2.446243 2.106544  41 1 0 -7.256356 -0.767829 0.422495  42 1 0 6.684744 -0.708327 -1.427662  43 1 0 4.985713 -1.521529 -3.030108  44 1 0 2.578213 -1.246471 -2.536236  45 1 0 2.433867 0.817686 1.813327  46 1 0 4.140825 1.570176 3.401680  47 1 0 6.558239 1.352528 2.853844  48 1 0 7.249408 0.341631 0.710628  49 1 0 -1.901270 2.949480 0.425932  50 1 0 -1.656338 5.143810 0.438177  51 1 0 2.062080 -2.764023 -0.249801  52 1 0 1.834660 -4.960315 -0.280691  53 1 0 0.054004 5.621249 0.625475  54 1 0 -0.702571 5.727770 -0.955112  55 1 0 0.288945 -5.482711 0.445604  56 1 0 0.464567 -5.482994 -1.301101 |
| TM\_NP\_model\_scan\_p\_30\_p\_70 | 1 6 0 1.409547 -0.025024 -0.513477  2 6 0 0.847928 1.244585 -0.395864  3 6 0 -0.528376 1.452945 -0.267073  4 6 0 -1.410542 0.339160 -0.250667  5 6 0 -0.834725 -0.929300 -0.381852  6 6 0 0.544248 -1.139009 -0.485261  7 6 0 -2.888206 0.473378 -0.412284  8 6 0 -3.397708 1.514777 -1.171544  9 6 0 -4.780631 1.684599 -1.384424  10 6 0 -5.677522 0.824582 -0.806896  11 6 0 -5.225950 -0.213055 0.046893  12 6 0 -3.820533 -0.378567 0.286152  13 6 0 -3.432263 -1.346206 1.253790  14 6 0 -4.357741 -2.140846 1.887722  15 6 0 -5.733078 -2.016939 1.596581  16 6 0 -6.153087 -1.065242 0.702346  17 6 0 2.885813 -0.152965 -0.716457  18 6 0 3.809529 0.134281 0.340467  19 6 0 5.215572 0.034911 0.079628  20 6 0 5.659093 -0.351078 -1.211028  21 6 0 4.755381 -0.633221 -2.203716  22 6 0 3.369628 -0.534432 -1.952355  23 6 0 3.392119 0.495115 1.650368  24 6 0 4.308579 0.760408 2.639178  25 6 0 5.694092 0.677128 2.374662  26 6 0 6.133545 0.320000 1.124201  27 6 0 -0.991675 2.832960 0.003801  28 7 0 -0.290258 3.853146 -0.280420  29 6 0 -0.799764 5.156418 0.095935  30 6 0 1.061272 -2.522032 -0.554679  31 7 0 0.291742 -3.531064 -0.611831  32 6 0 0.894098 -4.847750 -0.654861  33 1 0 1.484510 2.120873 -0.399646  34 1 0 -1.461492 -1.808135 -0.449286  35 1 0 -2.713833 2.167405 -1.699286  36 1 0 -5.123674 2.490999 -2.022618  37 1 0 -6.742862 0.934571 -0.979600  38 1 0 -2.388591 -1.448400 1.514548  39 1 0 -4.027262 -2.864457 2.624370  40 1 0 -6.452138 -2.658055 2.093828  41 1 0 -7.209723 -0.936162 0.492096  42 1 0 6.725457 -0.419960 -1.398777  43 1 0 5.097871 -0.927270 -3.189423  44 1 0 2.667861 -0.745374 -2.751626  45 1 0 2.333002 0.557437 1.865378  46 1 0 3.967692 1.033720 3.631478  47 1 0 6.406717 0.891989 3.163002  48 1 0 7.195826 0.247580 0.915011  49 1 0 -1.964414 2.926256 0.503983  50 1 0 -1.781356 5.122976 0.592921  51 1 0 2.152881 -2.631778 -0.541747  52 1 0 1.994229 -4.833392 -0.631838  53 1 0 -0.081896 5.643531 0.763595  54 1 0 -0.874528 5.785839 -0.796487  55 1 0 0.529299 -5.437876 0.191916  56 1 0 0.564172 -5.364379 -1.561759 |
| TM\_NP\_model\_scan\_p\_30\_p\_80 | 1 6 0 1.407682 0.115373 -0.544358  2 6 0 0.807952 1.356562 -0.349411  3 6 0 -0.574050 1.510742 -0.199246  4 6 0 -1.418319 0.368821 -0.239740  5 6 0 -0.802805 -0.870659 -0.448287  6 6 0 0.581041 -1.026649 -0.575381  7 6 0 -2.900810 0.461991 -0.385735  8 6 0 -3.450364 1.525825 -1.083390  9 6 0 -4.839726 1.659607 -1.279700  10 6 0 -5.702991 0.739086 -0.745818  11 6 0 -5.210705 -0.327883 0.047157  12 6 0 -3.798805 -0.458416 0.269206  13 6 0 -3.370884 -1.464947 1.178652  14 6 0 -4.264368 -2.324765 1.772151  15 6 0 -5.645310 -2.231259 1.496603  16 6 0 -6.103836 -1.245920 0.659555  17 6 0 2.889486 0.045459 -0.748975  18 6 0 3.792900 0.098883 0.360446  19 6 0 5.203514 0.060035 0.109686  20 6 0 5.670418 -0.032507 -1.226500  21 6 0 4.784917 -0.087984 -2.272608  22 6 0 3.393913 -0.049975 -2.029878  23 6 0 3.348396 0.177324 1.707910  24 6 0 4.245201 0.222436 2.748068  25 6 0 5.635706 0.191512 2.497942  26 6 0 6.100443 0.111486 1.208577  27 6 0 -1.081027 2.855854 0.155063  28 7 0 -0.415799 3.914200 -0.070882  29 6 0 -0.966144 5.174534 0.385943  30 6 0 1.146879 -2.380227 -0.751759  31 7 0 0.416349 -3.417201 -0.817552  32 6 0 1.066556 -4.701265 -0.981444  33 1 0 1.416858 2.251033 -0.302055  34 1 0 -1.401650 -1.763643 -0.565115  35 1 0 -2.792519 2.229534 -1.577555  36 1 0 -5.214313 2.487612 -1.870756  37 1 0 -6.772605 0.821948 -0.906859  38 1 0 -2.322308 -1.546975 1.426786  39 1 0 -3.904087 -3.077251 2.464564  40 1 0 -6.338632 -2.923135 1.961314  41 1 0 -7.165784 -1.141065 0.463045  42 1 0 6.740116 -0.058681 -1.405964  43 1 0 5.145434 -0.157299 -3.292712  44 1 0 2.705818 -0.086461 -2.867105  45 1 0 2.284577 0.202222 1.908177  46 1 0 3.885439 0.282023 3.769142  47 1 0 6.332639 0.229682 3.327603  48 1 0 7.166840 0.084656 1.009717  49 1 0 -2.053174 2.886598 0.664050  50 1 0 -1.941670 5.077613 0.886475  51 1 0 2.240670 -2.441762 -0.816129  52 1 0 2.164249 -4.639898 -1.028141  53 1 0 -0.259673 5.645285 1.077077  54 1 0 -1.069760 5.853114 -0.466682  55 1 0 0.782593 -5.356595 -0.151885  56 1 0 0.697934 -5.175984 -1.896324 |
| TM\_NP\_model\_scan\_p\_30\_p\_90 | 1 6 0 1.405523 0.271290 -0.548047  2 6 0 0.763211 1.474558 -0.272434  3 6 0 -0.623653 1.569304 -0.112536  4 6 0 -1.426392 0.403177 -0.226496  5 6 0 -0.768356 -0.796362 -0.523571  6 6 0 0.619039 -0.893359 -0.664492  7 6 0 -2.912183 0.451401 -0.359865  8 6 0 -3.505859 1.538157 -0.981734  9 6 0 -4.900702 1.632293 -1.161960  10 6 0 -5.725141 0.646535 -0.686385  11 6 0 -5.187864 -0.450976 0.032275  12 6 0 -3.770450 -0.542910 0.237719  13 6 0 -3.298441 -1.588910 1.078053  14 6 0 -4.155051 -2.516953 1.620988  15 6 0 -5.540708 -2.457249 1.359961  16 6 0 -6.041765 -1.438729 0.589621  17 6 0 2.891943 0.263631 -0.734471  18 6 0 3.771388 0.056062 0.375758  19 6 0 5.186955 0.075993 0.154201  20 6 0 5.682104 0.300464 -1.156125  21 6 0 4.819059 0.495654 -2.204211  22 6 0 3.422586 0.475598 -1.990005  23 6 0 3.296697 -0.173951 1.695169  24 6 0 4.170167 -0.372952 2.737168  25 6 0 5.565802 -0.351384 2.516774  26 6 0 6.059268 -0.131321 1.254510  27 6 0 -1.176331 2.869190 0.331268  28 7 0 -0.550480 3.963076 0.171973  29 6 0 -1.141039 5.171234 0.711725  30 6 0 1.232310 -2.204670 -0.960192  31 7 0 0.544577 -3.267909 -1.058376  32 6 0 1.238054 -4.505387 -1.351900  33 1 0 1.340955 2.383654 -0.160305  34 1 0 -1.336408 -1.698752 -0.704714  35 1 0 -2.878147 2.297320 -1.430985  36 1 0 -5.310251 2.483063 -1.694592  37 1 0 -6.798261 0.699717 -0.836278  38 1 0 -2.245510 -1.647487 1.313953  39 1 0 -3.762004 -3.297901 2.262169  40 1 0 -6.204492 -3.202207 1.783963  41 1 0 -7.108427 -1.360950 0.406502  42 1 0 6.755382 0.315115 -1.314385  43 1 0 5.201600 0.667798 -3.203926  44 1 0 2.752287 0.633942 -2.827409  45 1 0 2.228568 -0.188267 1.873177  46 1 0 3.787929 -0.546440 3.736843  47 1 0 6.244193 -0.508472 3.347802  48 1 0 7.129904 -0.113245 1.078712  49 1 0 -2.145418 2.831673 0.845572  50 1 0 -2.110087 5.009184 1.208027  51 1 0 2.322181 -2.209551 -1.089439  52 1 0 2.327101 -4.389259 -1.458537  53 1 0 -0.447315 5.620135 1.429816  54 1 0 -1.272146 5.899882 -0.094541  55 1 0 1.034486 -5.228858 -0.556036  56 1 0 0.834174 -4.932836 -2.275175 |
| TM\_NP\_model\_scan\_p\_30\_p\_100 | 1 6 0 1.400216 0.399365 -0.511259  2 6 0 0.720874 1.567111 -0.177854  3 6 0 -0.668774 1.612175 -0.018981  4 6 0 -1.436049 0.430805 -0.197624  5 6 0 -0.741429 -0.731736 -0.554610  6 6 0 0.648188 -0.780116 -0.694374  7 6 0 -2.922164 0.442833 -0.334960  8 6 0 -3.545171 1.543334 -0.901586  9 6 0 -4.941428 1.606201 -1.084184  10 6 0 -5.738162 0.572027 -0.667895  11 6 0 -5.171468 -0.547051 -0.007419  12 6 0 -3.752915 -0.607926 0.201730  13 6 0 -3.253348 -1.684265 0.985773  14 6 0 -4.083938 -2.666380 1.470956  15 6 0 -5.469510 -2.633766 1.204715  16 6 0 -5.997585 -1.589485 0.488810  17 6 0 2.887462 0.444401 -0.677956  18 6 0 3.763880 0.011555 0.368733  19 6 0 5.180226 0.084873 0.163365  20 6 0 5.679709 0.588121 -1.065472  21 6 0 4.820152 1.005900 -2.049126  22 6 0 3.423012 0.932910 -1.851786  23 6 0 3.286580 -0.482476 1.612569  24 6 0 4.157748 -0.889624 2.594354  25 6 0 5.553862 -0.822972 2.387016  26 6 0 6.049974 -0.345148 1.199255  27 6 0 -1.260569 2.869822 0.491216  28 7 0 -0.667525 3.988705 0.390656  29 6 0 -1.294203 5.148734 0.991895  30 6 0 1.297951 -2.050159 -1.079153  31 7 0 0.648165 -3.135007 -1.196975  32 6 0 1.373560 -4.326003 -1.589579  33 1 0 1.271599 2.484485 -0.011292  34 1 0 -1.282162 -1.638576 -0.789284  35 1 0 -2.938505 2.343740 -1.305870  36 1 0 -5.373847 2.472237 -1.572281  37 1 0 -6.811736 0.601602 -0.821041  38 1 0 -2.200242 -1.723868 1.224615  39 1 0 -3.670408 -3.469732 2.070174  40 1 0 -6.112462 -3.420766 1.582306  41 1 0 -7.065217 -1.533917 0.303205  42 1 0 6.753558 0.639114 -1.211857  43 1 0 5.205714 1.393315 -2.985419  44 1 0 2.755156 1.263183 -2.639432  45 1 0 2.218334 -0.529617 1.783840  46 1 0 3.772970 -1.261885 3.537202  47 1 0 6.230313 -1.146993 3.169898  48 1 0 7.121014 -0.287108 1.035013  49 1 0 -2.228103 2.776642 1.001382  50 1 0 -2.259512 4.932440 1.474618  51 1 0 2.379225 -2.004104 -1.261643  52 1 0 2.450035 -4.158755 -1.744360  53 1 0 -0.615743 5.578295 1.735955  54 1 0 -1.444250 5.915553 0.225313  55 1 0 1.240570 -5.096608 -0.823614  56 1 0 0.939132 -4.722924 -2.512621 |
| TM\_NP\_model\_scan\_p\_30\_p\_110 | 1 6 0 1.395013 0.502659 -0.460937  2 6 0 0.680605 1.639946 -0.094186  3 6 0 -0.711158 1.644651 0.050121  4 6 0 -1.445707 0.451079 -0.175918  5 6 0 -0.717841 -0.678592 -0.571194  6 6 0 0.673164 -0.686547 -0.701280  7 6 0 -2.930671 0.428460 -0.322247  8 6 0 -3.580431 1.531565 -0.852733  9 6 0 -4.977223 1.564558 -1.038724  10 6 0 -5.748123 0.496179 -0.662008  11 6 0 -5.154465 -0.630814 -0.039778  12 6 0 -3.735386 -0.662569 0.172382  13 6 0 -3.210124 -1.753912 0.917956  14 6 0 -4.016277 -2.774310 1.363808  15 6 0 -5.401583 -2.767436 1.094419  16 6 0 -5.954630 -1.711552 0.415344  17 6 0 2.881768 0.594412 -0.594407  18 6 0 3.759569 -0.025987 0.353764  19 6 0 5.175849 0.101157 0.175054  20 6 0 5.675570 0.848863 -0.922053  21 6 0 4.815662 1.452455 -1.803646  22 6 0 3.419214 1.323867 -1.635941  23 6 0 3.285796 -0.751698 1.479997  24 6 0 4.158857 -1.336593 2.365708  25 6 0 5.554547 -1.225195 2.176798  26 6 0 6.047801 -0.519062 1.107761  27 6 0 -1.339414 2.869289 0.595886  28 7 0 -0.776697 4.006414 0.532273  29 6 0 -1.438344 5.130000 1.164718  30 6 0 1.351598 -1.919148 -1.153938  31 7 0 0.737071 -3.023982 -1.274657  32 6 0 1.483578 -4.172878 -1.745549  33 1 0 1.206054 2.562791 0.117207  34 1 0 -1.233899 -1.587777 -0.848332  35 1 0 -2.993664 2.361358 -1.225934  36 1 0 -5.430520 2.435720 -1.497909  37 1 0 -6.821697 0.503537 -0.817837  38 1 0 -2.156967 -1.775408 1.158920  39 1 0 -3.583481 -3.588340 1.934312  40 1 0 -6.025011 -3.583919 1.440874  41 1 0 -7.022847 -1.676809 0.228044  42 1 0 6.749463 0.938472 -1.047913  43 1 0 5.200477 2.027841 -2.638020  44 1 0 2.751657 1.797718 -2.346781  45 1 0 2.218464 -0.835050 1.641402  46 1 0 3.775171 -1.883873 3.219412  47 1 0 6.232540 -1.692820 2.881870  48 1 0 7.118469 -0.420956 0.961151  49 1 0 -2.306435 2.734553 1.097648  50 1 0 -2.399304 4.872076 1.635441  51 1 0 2.419468 -1.825899 -1.388505  52 1 0 2.543475 -3.959928 -1.950168  53 1 0 -0.775627 5.555788 1.924928  54 1 0 -1.606517 5.915031 0.420632  55 1 0 1.419545 -4.972590 -1.000871  56 1 0 1.015289 -4.555631 -2.657949 |
| TM\_NP\_model\_scan\_p\_30\_p\_120 | 1 6 0 1.392807 0.553943 -0.451995  2 6 0 0.660462 1.678104 -0.076530  3 6 0 -0.731006 1.663572 0.066208  4 6 0 -1.449624 0.462350 -0.169178  5 6 0 -0.705727 -0.654303 -0.571862  6 6 0 0.685205 -0.643444 -0.700011  7 6 0 -2.933848 0.421405 -0.316178  8 6 0 -3.597074 1.520461 -0.838584  9 6 0 -4.993819 1.537073 -1.026644  10 6 0 -5.751231 0.454957 -0.661889  11 6 0 -5.143810 -0.670477 -0.050202  12 6 0 -3.724914 -0.685513 0.165116  13 6 0 -3.186667 -1.778298 0.899189  14 6 0 -3.979957 -2.814802 1.330793  15 6 0 -5.364633 -2.823416 1.058257  16 6 0 -5.930389 -1.767059 0.390509  17 6 0 2.879515 0.665736 -0.546428  18 6 0 3.754288 -0.064703 0.326017  19 6 0 5.171029 0.107063 0.188926  20 6 0 5.675037 1.010205 -0.781685  21 6 0 4.818472 1.730107 -1.574576  22 6 0 3.423101 1.559964 -1.448800  23 6 0 3.280768 -0.928866 1.350651  24 6 0 4.152537 -1.607456 2.168059  25 6 0 5.548508 -1.459164 2.009783  26 6 0 6.041980 -0.617308 1.044608  27 6 0 -1.374909 2.873576 0.626302  28 7 0 -0.826425 4.018394 0.578193  29 6 0 -1.502131 5.124563 1.226521  30 6 0 1.371665 -1.857344 -1.191061  31 7 0 0.779489 -2.976615 -1.286880  32 6 0 1.526826 -4.102171 -1.810094  33 1 0 1.173373 2.603895 0.151576  34 1 0 -1.209777 -1.566791 -0.859714  35 1 0 -3.020548 2.361272 -1.202971  36 1 0 -5.457734 2.406579 -1.478304  37 1 0 -6.824500 0.449666 -0.819879  38 1 0 -2.133852 -1.788661 1.142395  39 1 0 -3.537410 -3.629786 1.892376  40 1 0 -5.977666 -3.652406 1.393369  41 1 0 -6.998507 -1.744558 0.200801  42 1 0 6.749189 1.129306 -0.877239  43 1 0 5.205715 2.429541 -2.306765  44 1 0 2.759090 2.125291 -2.092878  45 1 0 2.214010 -1.042372 1.493972  46 1 0 3.766917 -2.257213 2.945664  47 1 0 6.225530 -2.003214 2.658688  48 1 0 7.112399 -0.484734 0.926043  49 1 0 -2.340283 2.720198 1.125877  50 1 0 -2.460380 4.848002 1.692165  51 1 0 2.422175 -1.735068 -1.483199  52 1 0 2.567269 -3.860261 -2.073794  53 1 0 -0.845413 5.546445 1.994105  54 1 0 -1.678845 5.918807 0.494328  55 1 0 1.526692 -4.908587 -1.069933  56 1 0 1.016348 -4.490324 -2.697215 |
| TM\_NP\_model\_scan\_p\_30\_p\_130 | 1 6 0 1.390339 0.602451 -0.434889  2 6 0 0.636530 1.713789 -0.057838  3 6 0 -0.755152 1.681957 0.072430  4 6 0 -1.455951 0.470647 -0.163750  5 6 0 -0.693889 -0.633274 -0.567404  6 6 0 0.696758 -0.602498 -0.693213  7 6 0 -2.938609 0.406197 -0.314409  8 6 0 -3.618774 1.493675 -0.839291  9 6 0 -5.015362 1.487243 -1.029051  10 6 0 -5.755776 0.393963 -0.662513  11 6 0 -5.131103 -0.720253 -0.047674  12 6 0 -3.712265 -0.712370 0.168181  13 6 0 -3.156844 -1.794865 0.904671  14 6 0 -3.933844 -2.842583 1.338828  15 6 0 -5.318251 -2.873431 1.066461  16 6 0 -5.900451 -1.827889 0.395806  17 6 0 2.876359 0.734856 -0.481870  18 6 0 3.753109 -0.092309 0.301598  19 6 0 5.168973 0.119288 0.210484  20 6 0 5.671287 1.163778 -0.606185  21 6 0 4.812564 1.984812 -1.291118  22 6 0 3.420643 1.771991 -1.218383  23 6 0 3.287249 -1.084765 1.207245  24 6 0 4.162466 -1.854575 1.935231  25 6 0 5.557416 -1.675669 1.804429  26 6 0 6.044355 -0.704905 0.965917  27 6 0 -1.418511 2.885496 0.624123  28 7 0 -0.886960 4.037928 0.569206  29 6 0 -1.581328 5.138864 1.206711  30 6 0 1.389102 -1.797114 -1.224406  31 7 0 0.820492 -2.929913 -1.299476  32 6 0 1.566240 -4.031844 -1.873178  33 1 0 1.134008 2.643665 0.186191  34 1 0 -1.184448 -1.550656 -0.862849  35 1 0 -3.055352 2.342963 -1.204519  36 1 0 -5.492745 2.348136 -1.483174  37 1 0 -6.828684 0.371271 -0.821427  38 1 0 -2.103947 -1.788156 1.147822  39 1 0 -3.478630 -3.649133 1.902460  40 1 0 -5.918278 -3.710917 1.403989  41 1 0 -6.968773 -1.822623 0.206012  42 1 0 6.744473 1.311241 -0.665617  43 1 0 5.196023 2.795909 -1.899642  44 1 0 2.758049 2.415019 -1.786430  45 1 0 2.222539 -1.226450 1.335040  46 1 0 3.778878 -2.600521 2.622200  47 1 0 6.237600 -2.294486 2.378710  48 1 0 7.113371 -0.542308 0.875470  49 1 0 -2.383197 2.721280 1.121523  50 1 0 -2.536338 4.851390 1.672292  51 1 0 2.419448 -1.646028 -1.570155  52 1 0 2.584947 -3.761700 -2.188941  53 1 0 -0.933164 5.577447 1.972168  54 1 0 -1.768481 5.923935 0.467224  55 1 0 1.625316 -4.844476 -1.142229  56 1 0 1.018974 -4.424891 -2.735883 |
| TM\_NP\_model\_scan\_p\_30\_p\_140 | 1 6 0 1.392109 0.631135 -0.463127  2 6 0 0.625635 1.737591 -0.090562  3 6 0 -0.764713 1.696763 0.043484  4 6 0 -1.456841 0.477006 -0.173508  5 6 0 -0.686178 -0.623468 -0.569048  6 6 0 0.703372 -0.582206 -0.702373  7 6 0 -2.939364 0.397206 -0.313634  8 6 0 -3.632728 1.472128 -0.847148  9 6 0 -5.030247 1.450404 -1.028511  10 6 0 -5.758069 0.354246 -0.645571  11 6 0 -5.119278 -0.747329 -0.022488  12 6 0 -3.699421 -0.723544 0.185177  13 6 0 -3.129233 -1.792894 0.929455  14 6 0 -3.893468 -2.843683 1.378631  15 6 0 -5.279031 -2.890681 1.114609  16 6 0 -5.875264 -1.857699 0.436815  17 6 0 2.878278 0.768927 -0.456877  18 6 0 3.745836 -0.118574 0.274430  19 6 0 5.161368 0.117985 0.245165  20 6 0 5.672114 1.250097 -0.437436  21 6 0 4.819557 2.137925 -1.041792  22 6 0 3.431062 1.900313 -1.034561  23 6 0 3.275102 -1.185963 1.088168  24 6 0 4.143104 -2.007420 1.766862  25 6 0 5.538550 -1.810885 1.677706  26 6 0 6.030627 -0.764501 0.939810  27 6 0 -1.434334 2.900157 0.588211  28 7 0 -0.911333 4.055881 0.521371  29 6 0 -1.610363 5.156929 1.153695  30 6 0 1.390761 -1.766953 -1.263999  31 7 0 0.835000 -2.906838 -1.323237  32 6 0 1.570635 -3.993508 -1.937918  33 1 0 1.113232 2.671504 0.156355  34 1 0 -1.169719 -1.547397 -0.855484  35 1 0 -3.079308 2.322436 -1.225099  36 1 0 -5.518454 2.301622 -1.489311  37 1 0 -6.831611 0.319655 -0.797908  38 1 0 -2.075118 -1.773177 1.166578  39 1 0 -3.427221 -3.640040 1.947711  40 1 0 -5.868931 -3.730479 1.464030  41 1 0 -6.944661 -1.864758 0.253256  42 1 0 6.744580 1.412899 -0.451638  43 1 0 5.205800 3.020974 -1.537964  44 1 0 2.778855 2.596738 -1.548759  45 1 0 2.211018 -1.345046 1.191705  46 1 0 3.751580 -2.807698 2.384744  47 1 0 6.213393 -2.472519 2.208897  48 1 0 7.098972 -0.581626 0.889209  49 1 0 -2.395324 2.733210 1.091719  50 1 0 -2.560722 4.866246 1.626702  51 1 0 2.403218 -1.599522 -1.652949  52 1 0 2.571584 -3.706419 -2.292989  53 1 0 -0.961441 5.606342 1.912178  54 1 0 -1.807282 5.934621 0.408973  55 1 0 1.671169 -4.811802 -1.217924  56 1 0 0.993250 -4.386073 -2.780972 |
| TM\_NP\_model\_scan\_p\_30\_p\_150 | 1 6 0 -1.395003 0.657621 0.494889  2 6 0 -0.614266 1.759750 0.131290  3 6 0 0.774652 1.710666 -0.006747  4 6 0 1.458116 0.481865 0.184159  5 6 0 0.678398 -0.616220 0.566519  6 6 0 -0.709818 -0.564578 0.708722  7 6 0 2.940229 0.385552 0.312725  8 6 0 3.647379 1.444370 0.860261  9 6 0 5.045607 1.405582 1.032793  10 6 0 5.759999 0.308609 0.627363  11 6 0 5.106481 -0.776102 -0.009889  12 6 0 3.685813 -0.734541 -0.208714  13 6 0 3.100169 -1.785698 -0.966672  14 6 0 3.850827 -2.836938 -1.437176  15 6 0 5.237349 -2.902341 -1.182225  16 6 0 5.848254 -1.886559 -0.491574  17 6 0 -2.880679 0.800664 0.432921  18 6 0 -3.741504 -0.137368 -0.248545  19 6 0 -5.155449 0.115081 -0.277131  20 6 0 -5.669568 1.316261 0.270040  21 6 0 -4.818617 2.258143 0.788049  22 6 0 -3.435751 2.002860 0.846505  23 6 0 -3.269145 -1.263404 -0.978696  24 6 0 -4.131708 -2.128121 -1.609111  25 6 0 -5.527073 -1.922238 -1.553270  26 6 0 -6.021052 -0.816510 -0.910012  27 6 0 1.450452 2.916987 -0.537558  28 7 0 0.935761 4.075259 -0.452606  29 6 0 1.639696 5.180109 -1.072778  30 6 0 -1.389943 -1.740603 1.300090  31 7 0 -0.842906 -2.884731 1.354044  32 6 0 -1.566567 -3.956540 2.007945  33 1 0 -1.089128 2.699796 -0.114536  34 1 0 1.154017 -1.548258 0.839717  35 1 0 3.104546 2.293673 1.255440  36 1 0 5.545192 2.244020 1.504687  37 1 0 6.833996 0.260719 0.772731  38 1 0 2.044962 -1.750922 -1.197187  39 1 0 3.373114 -3.619226 -2.016172  40 1 0 5.816468 -3.742411 -1.548604  41 1 0 6.918584 -1.907553 -0.314657  42 1 0 -6.740070 1.489415 0.241170  43 1 0 -5.202397 3.197649 1.169015  44 1 0 -2.794006 2.744178 1.307634  45 1 0 -2.206197 -1.433402 -1.065735  46 1 0 -3.733983 -2.969530 -2.165311  47 1 0 -6.198467 -2.619790 -2.041043  48 1 0 -7.087977 -0.619554 -0.894889  49 1 0 2.408184 2.750552 -1.047308  50 1 0 2.586228 4.889534 -1.553409  51 1 0 -2.386821 -1.559180 1.721979  52 1 0 -2.552479 -3.655531 2.392310  53 1 0 0.990945 5.644013 -1.822653  54 1 0 1.844687 5.946357 -0.318442  55 1 0 -1.698390 -4.783790 1.303409  56 1 0 -0.964662 -4.342607 2.836749 |
| TM\_NP\_model\_scan\_p\_30\_p\_160 | 1 6 0 -1.397659 0.681415 0.513211  2 6 0 -0.598955 1.778788 0.165764  3 6 0 0.788981 1.721631 0.028858  4 6 0 1.462372 0.483368 0.189074  5 6 0 0.671046 -0.612571 0.550854  6 6 0 -0.715918 -0.549869 0.699789  7 6 0 2.943220 0.368908 0.311325  8 6 0 3.662573 1.407316 0.881667  9 6 0 5.060547 1.349407 1.050550  10 6 0 5.762264 0.254245 0.618742  11 6 0 5.095927 -0.808595 -0.041701  12 6 0 3.675490 -0.747171 -0.236535  13 6 0 3.076607 -1.774479 -1.016400  14 6 0 3.814718 -2.822969 -1.512186  15 6 0 5.201003 -2.909064 -1.262045  16 6 0 5.824491 -1.915883 -0.550037  17 6 0 -2.881775 0.835288 0.395809  18 6 0 -3.746317 -0.146459 -0.224917  19 6 0 -5.157167 0.120015 -0.299102  20 6 0 -5.662304 1.378750 0.107252  21 6 0 -4.801524 2.361158 0.522426  22 6 0 -3.426488 2.089760 0.639371  23 6 0 -3.284665 -1.327439 -0.871033  24 6 0 -4.151598 -2.231610 -1.437106  25 6 0 -5.545526 -2.015544 -1.398366  26 6 0 -6.029767 -0.854678 -0.853189  27 6 0 1.473523 2.934279 -0.476167  28 7 0 0.966750 4.094002 -0.366718  29 6 0 1.678825 5.207425 -0.961761  30 6 0 -1.387453 -1.717860 1.320192  31 7 0 -0.846221 -2.864486 1.375322  32 6 0 -1.556934 -3.921783 2.066049  33 1 0 -1.056561 2.727536 -0.075225  34 1 0 1.136575 -1.554096 0.808697  35 1 0 3.129435 2.253144 1.296999  36 1 0 5.570081 2.171339 1.540491  37 1 0 6.835925 0.191456 0.760866  38 1 0 2.021317 -1.722526 -1.243430  39 1 0 3.327360 -3.586787 -2.107565  40 1 0 5.770169 -3.746839 -1.648701  41 1 0 6.894898 -1.952551 -0.376177  42 1 0 -6.729560 1.561996 0.043705  43 1 0 -5.171691 3.346341 0.782049  44 1 0 -2.789695 2.869746 1.038056  45 1 0 -2.224380 -1.509941 -0.954032  46 1 0 -3.756501 -3.111796 -1.931732  47 1 0 -6.221484 -2.745474 -1.829055  48 1 0 -7.094043 -0.643629 -0.863376  49 1 0 2.430677 2.772327 -0.988329  50 1 0 2.624194 4.921197 -1.447201  51 1 0 -2.370217 -1.523501 1.768588  52 1 0 -2.529520 -3.608728 2.474001  53 1 0 1.034370 5.691817 -1.702325  54 1 0 1.887631 5.955656 -0.190575  55 1 0 -1.714096 -4.758931 1.378572  56 1 0 -0.933806 -4.299050 2.883145 |
| TM\_NP\_model\_scan\_p\_40\_m\_0 | 1 6 0 -1.411306 0.426936 -0.269301  2 6 0 -0.952561 -0.872685 0.009343  3 6 0 0.388465 -1.265687 0.003792  4 6 0 1.396757 -0.298104 -0.198252  5 6 0 0.967081 1.014019 -0.417782  6 6 0 -0.374278 1.396250 -0.436613  7 6 0 2.829647 -0.645251 -0.404497  8 6 0 3.151134 -1.738915 -1.191241  9 6 0 4.487299 -2.100101 -1.458129  10 6 0 5.518124 -1.374321 -0.919279  11 6 0 5.253061 -0.274958 -0.063828  12 6 0 3.895832 0.090354 0.223947  13 6 0 3.677583 1.138337 1.159636  14 6 0 4.727668 1.814358 1.733990  15 6 0 6.060906 1.480785 1.411041  16 6 0 6.312966 0.453426 0.537106  17 6 0 -2.812577 0.764867 0.139674  18 6 0 -3.910797 -0.182737 0.016043  19 6 0 -5.211950 0.196830 0.494129  20 6 0 -5.451832 1.527698 0.917490  21 6 0 -4.456225 2.461485 0.826020  22 6 0 -3.164444 2.080765 0.412351  23 6 0 -3.822706 -1.446534 -0.634056  24 6 0 -4.889324 -2.313629 -0.690132  25 6 0 -6.125046 -1.977605 -0.101645  26 6 0 -6.280748 -0.737074 0.461346  27 6 0 0.700332 -2.661195 0.384143  28 7 0 -0.162301 -3.590556 0.304765  29 6 0 0.214639 -4.911984 0.765517  30 6 0 -0.634642 2.778813 -0.910504  31 7 0 0.169676 3.736795 -0.692279  32 6 0 -0.124538 5.024557 -1.289551  33 1 0 -1.645639 -1.633822 0.328112  34 1 0 1.690757 1.785227 -0.644885  35 1 0 2.354910 -2.296130 -1.670078  36 1 0 4.690007 -2.946868 -2.104003  37 1 0 6.549579 -1.636368 -1.130025  38 1 0 2.665926 1.401415 1.436004  39 1 0 4.529352 2.607178 2.446336  40 1 0 6.880054 2.026911 1.865044  41 1 0 7.333413 0.171977 0.298668  42 1 0 -6.440901 1.796485 1.272653  43 1 0 -4.639828 3.494857 1.097164  44 1 0 -2.393668 2.833832 0.479189  45 1 0 -2.911619 -1.732375 -1.136070  46 1 0 -4.776607 -3.260807 -1.205378  47 1 0 -6.951669 -2.678366 -0.130047  48 1 0 -7.240473 -0.431886 0.865228  49 1 0 1.711666 -2.846392 0.767671  50 1 0 1.249958 -4.975245 1.133331  51 1 0 -1.539104 2.915263 -1.519613  52 1 0 -1.056908 5.040563 -1.874492  53 1 0 -0.464371 -5.219753 1.567060  54 1 0 0.082494 -5.629621 -0.050390  55 1 0 -0.185404 5.782332 -0.502112  56 1 0 0.705307 5.315720 -1.941308 |
| TM\_NP\_model\_scan\_p\_40\_m\_10 | 1 6 0 -1.406792 0.391821 -0.173246  2 6 0 -0.940858 -0.902378 0.108688  3 6 0 0.404219 -1.279297 0.083552  4 6 0 1.396764 -0.303588 -0.163978  5 6 0 0.952180 0.999819 -0.403972  6 6 0 -0.393484 1.369390 -0.395356  7 6 0 2.828005 -0.642307 -0.398086  8 6 0 3.141255 -1.749617 -1.168805  9 6 0 4.474046 -2.103773 -1.460973  10 6 0 5.510443 -1.356239 -0.964261  11 6 0 5.255311 -0.241102 -0.126457  12 6 0 3.901935 0.116920 0.187562  13 6 0 3.696517 1.182791 1.105886  14 6 0 4.753518 1.881694 1.638548  15 6 0 6.081639 1.554648 1.288843  16 6 0 6.322315 0.510963 0.431230  17 6 0 -2.809748 0.727690 0.218237  18 6 0 -3.914901 -0.186565 -0.002905  19 6 0 -5.227939 0.191012 0.440696  20 6 0 -5.452479 1.489157 0.963372  21 6 0 -4.428121 2.395920 1.010746  22 6 0 -3.129274 2.018424 0.616724  23 6 0 -3.808219 -1.418148 -0.708329  24 6 0 -4.885918 -2.257339 -0.869728  25 6 0 -6.147945 -1.921383 -0.338234  26 6 0 -6.311793 -0.713336 0.289921  27 6 0 0.742396 -2.663815 0.481620  28 7 0 -0.109268 -3.605447 0.436805  29 6 0 0.295253 -4.913839 0.911067  30 6 0 -0.698515 2.740975 -0.870113  31 7 0 0.120103 3.703251 -0.740681  32 6 0 -0.233001 4.981838 -1.325369  33 1 0 -1.630247 -1.664784 0.437483  34 1 0 1.663247 1.771179 -0.667847  35 1 0 2.339408 -2.324593 -1.616180  36 1 0 4.669238 -2.962505 -2.093231  37 1 0 6.538972 -1.612554 -1.195363  38 1 0 2.689448 1.441449 1.402373  39 1 0 4.564982 2.687802 2.338543  40 1 0 6.906154 2.118845 1.709838  41 1 0 7.339304 0.234727 0.172768  42 1 0 -6.450645 1.757002 1.293030  43 1 0 -4.598429 3.403258 1.373237  44 1 0 -2.336294 2.735934 0.773655  45 1 0 -2.868940 -1.698087 -1.160598  46 1 0 -4.762356 -3.182080 -1.421938  47 1 0 -6.985672 -2.599595 -0.454320  48 1 0 -7.286062 -0.413842 0.661998  49 1 0 1.763966 -2.829079 0.846703  50 1 0 1.338714 -4.957155 1.258271  51 1 0 -1.657137 2.867961 -1.391179  52 1 0 -1.216499 4.987541 -1.819733  53 1 0 -0.362923 -5.217729 1.731255  54 1 0 0.156375 -5.646490 0.109736  55 1 0 -0.222111 5.750605 -0.546299  56 1 0 0.530818 5.265555 -2.056341 |
| TM\_NP\_model\_scan\_p\_40\_m\_20 | 1 6 0 1.402210 0.356562 0.078857  2 6 0 0.927544 -0.931552 -0.205165  3 6 0 -0.421589 -1.291439 -0.161102  4 6 0 -1.396423 -0.308153 0.131058  5 6 0 -0.935106 0.985967 0.388644  6 6 0 0.414415 1.342026 0.352490  7 6 0 -2.825392 -0.637668 0.394000  8 6 0 -3.131293 -1.757377 1.149488  9 6 0 -4.460075 -2.103954 1.468007  10 6 0 -5.500494 -1.335142 1.014076  11 6 0 -5.254362 -0.205203 0.193670  12 6 0 -3.905563 0.144842 -0.147919  13 6 0 -3.712158 1.227809 -1.048763  14 6 0 -4.774582 1.949750 -1.538101  15 6 0 -6.096768 1.629924 -1.160337  16 6 0 -6.326882 0.570492 -0.319316  17 6 0 2.810805 0.687899 -0.285744  18 6 0 3.915444 -0.192079 0.028064  19 6 0 5.239183 0.180728 -0.384388  20 6 0 5.458192 1.437692 -1.002109  21 6 0 4.417021 2.309865 -1.179099  22 6 0 3.110629 1.939376 -0.803066  23 6 0 3.786428 -1.387923 0.787926  24 6 0 4.867258 -2.196666 1.049618  25 6 0 6.151044 -1.861478 0.570467  26 6 0 6.328840 -0.690367 -0.121075  27 6 0 -0.787524 -2.663609 -0.577225  28 7 0 0.052352 -3.616733 -0.572718  29 6 0 -0.381795 -4.910192 -1.061413  30 6 0 0.760809 2.705507 0.818338  31 7 0 -0.060663 3.672257 0.757074  32 6 0 0.342781 4.946099 1.318817  33 1 0 1.611735 -1.697032 -0.541749  34 1 0 -1.632479 1.757737 0.685952  35 1 0 -2.324874 -2.349830 1.564683  36 1 0 -4.648454 -2.973845 2.086944  37 1 0 -6.525546 -1.585237 1.266437  38 1 0 -2.710334 1.481663 -1.366365  39 1 0 -4.595227 2.768710 -2.225488  40 1 0 -6.925441 2.212287 -1.547048  41 1 0 -7.339846 0.299979 -0.039856  42 1 0 6.464320 1.702723 -1.309217  43 1 0 4.583253 3.283047 -1.626852  44 1 0 2.304225 2.621162 -1.038434  45 1 0 2.823879 -1.661869 1.194109  46 1 0 4.730471 -3.096540 1.638579  47 1 0 6.992816 -2.514795 0.770200  48 1 0 7.316004 -0.397631 -0.463381  49 1 0 -1.819978 -2.808338 -0.919712  50 1 0 -1.434238 -4.933124 -1.382543  51 1 0 1.757428 2.825073 1.263502  52 1 0 1.359605 4.943540 1.740293  53 1 0 0.251268 -5.206834 -1.903741  54 1 0 -0.232664 -5.660014 -0.278006  55 1 0 0.280735 5.717731 0.544933  56 1 0 -0.364079 5.232352 2.104082 |
| TM\_NP\_model\_scan\_p\_40\_m\_30 | 1 6 0 1.398010 0.326972 -0.009358  2 6 0 0.913454 -0.954895 -0.293759  3 6 0 -0.439128 -1.298714 -0.229118  4 6 0 -1.395439 -0.308733 0.104261  5 6 0 -0.916717 0.975894 0.376962  6 6 0 0.435940 1.318667 0.313832  7 6 0 -2.821759 -0.629035 0.394635  8 6 0 -3.122286 -1.759521 1.135948  9 6 0 -4.447209 -2.099616 1.476909  10 6 0 -5.489753 -1.313197 1.059505  11 6 0 -5.250347 -0.170861 0.254503  12 6 0 -3.905853 0.172940 -0.109668  13 6 0 -3.721546 1.270314 -0.994928  14 6 0 -4.787233 2.010856 -1.447969  15 6 0 -6.104027 1.696393 -1.047519  16 6 0 -6.326172 0.623949 -0.221002  17 6 0 2.814164 0.649605 -0.346080  18 6 0 3.911203 -0.195925 0.057208  19 6 0 5.244354 0.162384 -0.334959  20 6 0 5.468146 1.366266 -1.049356  21 6 0 4.421838 2.200152 -1.346332  22 6 0 3.107485 1.845895 -0.981050  23 6 0 3.756666 -1.347412 0.877509  24 6 0 4.832652 -2.126438 1.231447  25 6 0 6.133289 -1.800988 0.790604  26 6 0 6.330419 -0.675065 0.032038  27 6 0 -0.831984 -2.658937 -0.659892  28 7 0 -0.003841 -3.621578 -0.695573  29 6 0 -0.466717 -4.900631 -1.195547  30 6 0 0.820514 2.675844 0.764260  31 7 0 -0.000219 3.645323 0.767644  32 6 0 0.448977 4.916852 1.298651  33 1 0 1.590852 -1.724269 -0.638154  34 1 0 -1.599790 1.748283 0.704539  35 1 0 -2.312988 -2.367168 1.522637  36 1 0 -4.630546 -2.978964 2.083893  37 1 0 -6.511496 -1.558390 1.329457  38 1 0 -2.724391 1.520681 -1.329505  39 1 0 -4.614914 2.840567 -2.124184  40 1 0 -6.935163 2.293374 -1.405616  41 1 0 -7.335437 0.357750 0.075457  42 1 0 6.481283 1.621136 -1.341743  43 1 0 4.592538 3.129500 -1.877770  44 1 0 2.295721 2.493435 -1.287981  45 1 0 2.775923 -1.609273 1.248273  46 1 0 4.680277 -2.995118 1.861967  47 1 0 6.972097 -2.429536 1.067573  48 1 0 7.328490 -0.395785 -0.289237  49 1 0 -1.874722 -2.785321 -0.977511  50 1 0 -1.527845 -4.905641 -1.487613  51 1 0 1.848251 2.791255 1.131992  52 1 0 1.494904 4.910555 1.641325  53 1 0 0.139319 -5.188800 -2.060417  54 1 0 -0.304915 -5.666550 -0.430451  55 1 0 0.330585 5.689624 0.532494  56 1 0 -0.195269 5.204331 2.135674 |
| TM\_NP\_model\_scan\_p\_40\_m\_40 | 1 6 0 1.393823 -0.302886 0.097299  2 6 0 0.898262 0.972767 0.380446  3 6 0 -0.456722 1.302379 0.291279  4 6 0 -1.394192 0.306375 -0.079298  5 6 0 -0.897673 -0.968764 -0.364180  6 6 0 0.457365 -1.298502 -0.274748  7 6 0 -2.817342 0.616889 -0.397164  8 6 0 -3.114202 1.755476 -1.127260  9 6 0 -4.435479 2.088390 -1.489022  10 6 0 -5.478631 1.287231 -1.102304  11 6 0 -5.244116 0.136135 -0.308494  12 6 0 -3.903567 -0.201180 0.075674  13 6 0 -3.726010 -1.308695 0.949666  14 6 0 -4.793370 -2.063863 1.373630  15 6 0 -6.105339 -1.755057 0.953398  16 6 0 -6.321578 -0.673865 0.136805  17 6 0 2.818973 -0.612689 0.406694  18 6 0 3.902403 0.196744 -0.085520  19 6 0 5.245263 -0.137538 0.292985  20 6 0 5.483439 -1.276319 1.103370  21 6 0 4.441552 -2.068084 1.512470  22 6 0 3.118111 -1.738123 1.155754  23 6 0 3.718828 1.293313 -0.971911  24 6 0 4.783870 2.040691 -1.414964  25 6 0 6.098939 1.734261 -1.002463  26 6 0 6.320353 0.663924 -0.172995  27 6 0 -0.874833 2.652983 0.728602  28 7 0 -0.058219 3.623592 0.798031  29 6 0 -0.547860 4.891828 1.299977  30 6 0 0.876736 -2.649744 -0.708316  31 7 0 0.059215 -3.619212 -0.783086  32 6 0 0.550895 -4.888910 -1.279276  33 1 0 1.567405 1.746387 0.733428  34 1 0 -1.565786 -1.741946 -0.719835  35 1 0 -2.303405 2.376212 -1.489266  36 1 0 -4.615250 2.974558 -2.087096  37 1 0 -6.497284 1.527257 -1.388103  38 1 0 -2.732932 -1.555084 1.298992  39 1 0 -4.626360 -2.900844 2.042187  40 1 0 -6.937723 -2.363459 1.288673  41 1 0 -7.327533 -0.412184 -0.174548  42 1 0 6.503836 -1.514332 1.384614  43 1 0 4.624275 -2.944330 2.124124  44 1 0 2.308270 -2.351268 1.532789  45 1 0 2.722693 1.537395 -1.314357  46 1 0 4.612743 2.869691 -2.092368  47 1 0 6.929554 2.336320 -1.353215  48 1 0 7.328486 0.404892 0.133497  49 1 0 -1.926832 2.764748 1.019980  50 1 0 -1.616529 4.882690 1.563056  51 1 0 1.930884 -2.763380 -0.990997  52 1 0 1.621746 -4.881912 -1.533365  53 1 0 0.031530 5.176092 2.184196  54 1 0 -0.373446 5.668285 0.548377  55 1 0 0.368837 -5.664132 -0.528210  56 1 0 -0.021526 -5.173307 -2.167986 |
| TM\_NP\_model\_scan\_p\_40\_m\_50 | 1 6 0 1.391344 -0.273474 0.195112  2 6 0 0.880291 0.995242 0.473089  3 6 0 -0.477186 1.307737 0.357807  4 6 0 -1.392420 0.303598 -0.047295  5 6 0 -0.874851 -0.962286 -0.335513  6 6 0 0.482211 -1.276009 -0.215944  7 6 0 -2.810995 0.601279 -0.398252  8 6 0 -3.102872 1.744181 -1.123454  9 6 0 -4.418601 2.066237 -1.514210  10 6 0 -5.461858 1.249947 -1.160894  11 6 0 -5.233771 0.093534 -0.373010  12 6 0 -3.899205 -0.233108 0.040054  13 6 0 -3.730505 -1.347381 0.907190  14 6 0 -4.799350 -2.118170 1.297970  15 6 0 -6.104171 -1.819386 0.849195  16 6 0 -6.312641 -0.732513 0.038177  17 6 0 2.826438 -0.560928 0.484567  18 6 0 3.888447 0.196437 -0.117067  19 6 0 5.243854 -0.102270 0.244733  20 6 0 5.508562 -1.148532 1.164597  21 6 0 4.480798 -1.882410 1.699327  22 6 0 3.145281 -1.589073 1.353383  23 6 0 3.665901 1.210524 -1.088150  24 6 0 4.711996 1.909368 -1.641251  25 6 0 6.043130 1.632967 -1.258568  26 6 0 6.299035 0.645786 -0.340275  27 6 0 -0.923894 2.648042 0.798560  28 7 0 -0.121445 3.627030 0.905288  29 6 0 -0.641527 4.882971 1.407295  30 6 0 0.937209 -2.621626 -0.627860  31 7 0 0.130021 -3.591200 -0.776939  32 6 0 0.663466 -4.858524 -1.233978  33 1 0 1.537880 1.776067 0.833406  34 1 0 -1.524934 -1.739288 -0.715619  35 1 0 -2.290597 2.377768 -1.458941  36 1 0 -4.593643 2.956466 -2.107643  37 1 0 -6.475906 1.481689 -1.469020  38 1 0 -2.743344 -1.586475 1.277747  39 1 0 -4.639311 -2.959967 1.962180  40 1 0 -6.937583 -2.440173 1.158193  41 1 0 -7.313631 -0.478651 -0.294888  42 1 0 6.538115 -1.361176 1.432685  43 1 0 4.685328 -2.684740 2.399170  44 1 0 2.345060 -2.158452 1.812194  45 1 0 2.653640 1.428877 -1.401033  46 1 0 4.514318 2.676913 -2.380990  47 1 0 6.859034 2.195273 -1.698510  48 1 0 7.319033 0.415486 -0.050462  49 1 0 -1.985435 2.744103 1.059309  50 1 0 -1.717878 4.858492 1.635917  51 1 0 2.011619 -2.732877 -0.820328  52 1 0 1.751699 -4.849223 -1.397937  53 1 0 -0.093900 5.162126 2.313136  54 1 0 -0.452262 5.671106 0.671625  55 1 0 0.420738 -5.636064 -0.502717  56 1 0 0.167233 -5.141048 -2.167917 |
| TM\_NP\_model\_scan\_p\_40\_m\_60 | 1 6 0 -1.389838 -0.235124 -0.288114  2 6 0 -0.859194 1.026406 -0.554551  3 6 0 0.500643 1.318824 -0.411563  4 6 0 1.391251 0.302644 0.018973  5 6 0 0.849807 -0.954338 0.301657  6 6 0 -0.508983 -1.248464 0.151354  7 6 0 2.805773 0.581474 0.401892  8 6 0 3.097580 1.723074 1.129005  9 6 0 4.408646 2.027866 1.548379  10 6 0 5.447943 1.195878 1.221038  11 6 0 5.221236 0.040202 0.431688  12 6 0 3.891713 -0.269233 -0.009799  13 6 0 3.726827 -1.383543 -0.877630  14 6 0 4.793321 -2.169849 -1.243084  15 6 0 6.091915 -1.887868 -0.766278  16 6 0 6.297410 -0.801780 0.046532  17 6 0 -2.834513 -0.492634 -0.568329  18 6 0 -3.871933 0.189552 0.149707  19 6 0 -5.239180 -0.061566 -0.202034  20 6 0 -5.535614 -0.982866 -1.238603  21 6 0 -4.527344 -1.638676 -1.897962  22 6 0 -3.179863 -1.392343 -1.558767  23 6 0 -3.608966 1.088727 1.218681  24 6 0 -4.632198 1.719646 1.884410  25 6 0 -5.977267 1.485433 1.521514  26 6 0 -6.270088 0.612270 0.503831  27 6 0 0.977345 2.650705 -0.846372  28 7 0 0.191744 3.640014 -0.979878  29 6 0 0.742732 4.886122 -1.473152  30 6 0 -0.998698 -2.590059 0.532977  31 7 0 -0.208645 -3.559629 0.755550  32 6 0 -0.781240 -4.826404 1.163507  33 1 0 -1.501944 1.817564 -0.919950  34 1 0 1.479885 -1.739388 0.698735  35 1 0 2.287127 2.369526 1.443735  36 1 0 4.582909 2.917658 2.142697  37 1 0 6.458045 1.414440 1.550972  38 1 0 2.744766 -1.610038 -1.269104  39 1 0 4.636443 -3.011102 -1.908749  40 1 0 6.923274 -2.520935 -1.055237  41 1 0 7.294224 -0.560756 0.400966  42 1 0 -6.573743 -1.161253 -1.498562  43 1 0 -4.756918 -2.342805 -2.689721  44 1 0 -2.394273 -1.901829 -2.105529  45 1 0 -2.583518 1.273405 1.510995  46 1 0 -4.406582 2.401049 2.696950  47 1 0 -6.774963 1.992326 2.052759  48 1 0 -7.300755 0.419411 0.224585  49 1 0 2.046743 2.731031 -1.078835  50 1 0 1.824553 4.845835 -1.671832  51 1 0 -2.086062 -2.700373 0.629309  52 1 0 -1.879582 -4.815832 1.231789  53 1 0 0.224127 5.168164 -2.395039  54 1 0 0.544128 5.680468 -0.746684  55 1 0 -0.476400 -5.603759 0.455650  56 1 0 -0.368531 -5.109953 2.136931 |
| TM\_NP\_model\_scan\_p\_40\_m\_70 | 1 6 0 -1.389427 -0.159019 -0.382260  2 6 0 -0.826808 1.092382 -0.622449  3 6 0 0.537404 1.349794 -0.450098  4 6 0 1.393518 0.308499 -0.009500  5 6 0 0.817449 -0.938709 0.247234  6 6 0 -0.544238 -1.198385 0.062757  7 6 0 2.804784 0.550566 0.409623  8 6 0 3.104706 1.677944 1.155396  9 6 0 4.411307 1.947129 1.611455  10 6 0 5.438639 1.093494 1.302703  11 6 0 5.205059 -0.048737 0.495988  12 6 0 3.880591 -0.321597 0.016918  13 6 0 3.712090 -1.422926 -0.866737  14 6 0 4.768771 -2.231006 -1.212616  15 6 0 6.060660 -1.985480 -0.698818  16 6 0 6.270572 -0.912688 0.130320  17 6 0 -2.843197 -0.372012 -0.665016  18 6 0 -3.854555 0.184405 0.183369  19 6 0 -5.232771 -0.017609 -0.155535  20 6 0 -5.562701 -0.763003 -1.316235  21 6 0 -4.576533 -1.293195 -2.108680  22 6 0 -3.217730 -1.096688 -1.779059  23 6 0 -3.551110 0.915111 1.364019  24 6 0 -4.549639 1.428678 2.155961  25 6 0 -5.907142 1.238625 1.812864  26 6 0 -6.237358 0.530317 0.684280  27 6 0 1.055704 2.672996 -0.863228  28 7 0 0.296834 3.680839 -1.012016  29 6 0 0.889177 4.916481 -1.483045  30 6 0 -1.077943 -2.535789 0.394729  31 7 0 -0.320659 -3.515936 0.676452  32 6 0 -0.939826 -4.780813 1.016414  33 1 0 -1.445883 1.903928 -0.984405  34 1 0 1.420362 -1.743559 0.646951  35 1 0 2.302006 2.340640 1.455891  36 1 0 4.591162 2.826810 2.219021  37 1 0 6.444718 1.284487 1.660830  38 1 0 2.735453 -1.621722 -1.285919  39 1 0 4.609529 -3.061572 -1.891035  40 1 0 6.883877 -2.635799 -0.972351  41 1 0 7.263162 -0.699288 0.513165  42 1 0 -6.608789 -0.906857 -1.565602  43 1 0 -4.832482 -1.861334 -2.995896  44 1 0 -2.449221 -1.511047 -2.422111  45 1 0 -2.514282 1.064593 1.637085  46 1 0 -4.295714 1.983490 3.052166  47 1 0 -6.685150 1.651447 2.445142  48 1 0 -7.277670 0.375991 0.417092  49 1 0 2.132432 2.730029 -1.067060  50 1 0 1.974502 4.852007 -1.654461  51 1 0 -2.170811 -2.634292 0.394020  52 1 0 -2.039658 -4.758547 0.987231  53 1 0 0.400971 5.216033 -2.415952  54 1 0 0.690648 5.711055 -0.756786  55 1 0 -0.581292 -5.553174 0.328515  56 1 0 -0.617815 -5.080222 2.018881 |
| TM\_NP\_model\_scan\_p\_40\_m\_80 | 1 6 0 -1.389541 -0.064434 -0.456544  2 6 0 -0.791399 1.176605 -0.655516  3 6 0 0.576717 1.392543 -0.454978  4 6 0 1.396875 0.317860 -0.026935  5 6 0 0.784504 -0.920762 0.184766  6 6 0 -0.580133 -1.138414 -0.029442  7 6 0 2.805510 0.511882 0.425088  8 6 0 3.118630 1.611091 1.206714  9 6 0 4.421895 1.833956 1.696055  10 6 0 5.433248 0.962269 1.385185  11 6 0 5.187393 -0.151614 0.543206  12 6 0 3.866729 -0.376830 0.030083  13 6 0 3.688844 -1.448964 -0.887070  14 6 0 4.731692 -2.274427 -1.233877  15 6 0 6.018297 -2.076795 -0.687174  16 6 0 6.237968 -1.032746 0.175456  17 6 0 -2.851050 -0.224319 -0.742933  18 6 0 -3.837836 0.166950 0.217587  19 6 0 -5.224846 0.025749 -0.114567  20 6 0 -5.586676 -0.496760 -1.382663  21 6 0 -4.622642 -0.867302 -2.285423  22 6 0 -3.254527 -0.729568 -1.961943  23 6 0 -3.498605 0.683502 1.497258  24 6 0 -4.473386 1.045762 2.395424  25 6 0 -5.840395 0.911001 2.063638  26 6 0 -6.204203 0.412255 0.837338  27 6 0 1.136603 2.711818 -0.823788  28 7 0 0.406478 3.742105 -0.962515  29 6 0 1.039300 4.973551 -1.389684  30 6 0 -1.154934 -2.473892 0.233450  31 7 0 -0.433353 -3.474228 0.536666  32 6 0 -1.092252 -4.738948 0.791710  33 1 0 -1.384472 2.014710 -1.000037  34 1 0 1.359871 -1.753248 0.568282  35 1 0 2.327023 2.286153 1.509105  36 1 0 4.611475 2.692405 2.330447  37 1 0 6.436265 1.117514 1.768327  38 1 0 2.716357 -1.610770 -1.331175  39 1 0 4.565698 -3.081694 -1.938315  40 1 0 6.830253 -2.740633 -0.961861  41 1 0 7.227447 -0.855579 0.583982  42 1 0 -6.639197 -0.597326 -1.626100  43 1 0 -4.903199 -1.264280 -3.254528  44 1 0 -2.503753 -1.020095 -2.688404  45 1 0 -2.453522 0.791851 1.759131  46 1 0 -4.193681 1.438570 3.366487  47 1 0 -6.599380 1.202277 2.780998  48 1 0 -7.252062 0.304999 0.576666  49 1 0 2.218442 2.746375 -1.004195  50 1 0 2.125718 4.885253 -1.542686  51 1 0 -2.246782 -2.553861 0.155977  52 1 0 -2.186886 -4.698009 0.686958  53 1 0 0.576880 5.309940 -2.323184  54 1 0 0.847260 5.753865 -0.646399  55 1 0 -0.697323 -5.494648 0.105236  56 1 0 -0.844999 -5.075035 1.803711 |
| TM\_NP\_model\_scan\_p\_40\_m\_90 | 1 6 0 -1.390124 0.065125 -0.507835  2 6 0 -0.749820 1.293744 -0.638851  3 6 0 0.622686 1.453789 -0.415118  4 6 0 1.402113 0.332701 -0.033152  5 6 0 0.748843 -0.896020 0.101684  6 6 0 -0.618938 -1.057593 -0.139143  7 6 0 2.808300 0.458814 0.449490  8 6 0 3.139732 1.505561 1.293246  9 6 0 4.439947 1.662751 1.815062  10 6 0 5.430150 0.777435 1.476114  11 6 0 5.166540 -0.283223 0.572816  12 6 0 3.849565 -0.440088 0.025696  13 6 0 3.656795 -1.456329 -0.950109  14 6 0 4.680550 -2.294607 -1.322208  15 6 0 5.961862 -2.166357 -0.743325  16 6 0 6.196605 -1.176321 0.177146  17 6 0 -2.857889 -0.025018 -0.794562  18 6 0 -3.822491 0.141561 0.250052  19 6 0 -5.216565 0.068100 -0.073243  20 6 0 -5.607221 -0.165638 -1.416879  21 6 0 -4.664100 -0.320528 -2.400684  22 6 0 -3.288510 -0.249781 -2.085644  23 6 0 -3.453153 0.376058 1.601972  24 6 0 -4.406472 0.527820 2.579939  25 6 0 -5.780707 0.455225 2.259007  26 6 0 -6.173220 0.231413 0.962442  27 6 0 1.229677 2.770515 -0.710403  28 7 0 0.534702 3.829042 -0.812776  29 6 0 1.213798 5.058092 -1.169939  30 6 0 -1.236074 -2.390271 0.022120  31 7 0 -0.555514 -3.420429 0.319985  32 6 0 -1.252792 -4.682193 0.462291  33 1 0 -1.312678 2.168768 -0.939498  34 1 0 1.293463 -1.767620 0.440744  35 1 0 2.362924 2.187401 1.617879  36 1 0 4.643518 2.481026 2.496451  37 1 0 6.430221 0.881622 1.883507  38 1 0 2.688367 -1.563638 -1.418956  39 1 0 4.503597 -3.057915 -2.071557  40 1 0 6.758452 -2.839918 -1.038521  41 1 0 7.183101 -1.051765 0.611507  42 1 0 -6.665026 -0.218639 -1.652305  43 1 0 -4.966738 -0.497372 -3.426634  44 1 0 -2.554213 -0.372906 -2.873930  45 1 0 -2.402170 0.438385 1.855335  46 1 0 -4.104109 0.706956 3.605595  47 1 0 -6.522761 0.578242 3.039879  48 1 0 -7.226958 0.175953 0.709331  49 1 0 2.315273 2.778940 -0.870117  50 1 0 2.299727 4.942116 -1.307201  51 1 0 -2.321699 -2.441875 -0.130874  52 1 0 -2.336848 -4.612366 0.286948  53 1 0 0.780682 5.452003 -2.094998  54 1 0 1.031611 5.808791 -0.394420  55 1 0 -0.825740 -5.409311 -0.235709  56 1 0 -1.080833 -5.075596 1.469201 |
| TM\_NP\_model\_scan\_p\_40\_m\_100 | 1 6 0 -1.386170 0.200428 -0.508970  2 6 0 -0.707309 1.413951 -0.564151  3 6 0 0.668398 1.518189 -0.326138  4 6 0 1.411441 0.352847 -0.011151  5 6 0 0.720127 -0.861315 0.046310  6 6 0 -0.650034 -0.966409 -0.208956  7 6 0 2.819108 0.403476 0.481054  8 6 0 3.182899 1.384718 1.387668  9 6 0 4.486121 1.464914 1.919620  10 6 0 5.447151 0.569625 1.526998  11 6 0 5.151686 -0.422088 0.557612  12 6 0 3.831788 -0.499968 0.000655  13 6 0 3.609009 -1.442873 -1.040147  14 6 0 4.606022 -2.287557 -1.466334  15 6 0 5.889013 -2.239825 -0.878979  16 6 0 6.153048 -1.320959 0.105137  17 6 0 -2.855783 0.176120 -0.795346  18 6 0 -3.816305 0.105266 0.264879  19 6 0 -5.211659 0.093077 -0.061692  20 6 0 -5.608455 0.160563 -1.422038  21 6 0 -4.670200 0.242449 -2.418966  22 6 0 -3.293498 0.251127 -2.101613  23 6 0 -3.443515 0.056193 1.635180  24 6 0 -4.393592 -0.012167 2.625795  25 6 0 -5.768586 -0.033527 2.300946  26 6 0 -6.164731 0.019767 0.987486  27 6 0 1.316649 2.831246 -0.537094  28 7 0 0.654551 3.914605 -0.582605  29 6 0 1.374294 5.141370 -0.859000  30 6 0 -1.302150 -2.291329 -0.155878  31 7 0 -0.661114 -3.350813 0.126267  32 6 0 -1.387882 -4.603702 0.148687  33 1 0 -1.242379 2.323388 -0.807983  34 1 0 1.237084 -1.769298 0.328522  35 1 0 2.428056 2.070445 1.753270  36 1 0 4.715116 2.231405 2.651285  37 1 0 6.448730 0.614237 1.941516  38 1 0 2.639177 -1.486625 -1.516140  39 1 0 4.406750 -2.992859 -2.265271  40 1 0 6.664286 -2.917910 -1.217402  41 1 0 7.141877 -1.257672 0.547395  42 1 0 -6.667179 0.150463 -1.659098  43 1 0 -4.977449 0.298681 -3.457170  44 1 0 -2.563152 0.310447 -2.900776  45 1 0 -2.392653 0.080449 1.895422  46 1 0 -4.087597 -0.046145 3.665386  47 1 0 -6.507829 -0.087567 3.092189  48 1 0 -7.219029 0.009856 0.730940  49 1 0 2.403710 2.816434 -0.685963  50 1 0 2.458003 5.000647 -0.990469  51 1 0 -2.376260 -2.311085 -0.379843  52 1 0 -2.456675 -4.501445 -0.092102  53 1 0 0.965224 5.601681 -1.764128  54 1 0 1.204347 5.850563 -0.042697  55 1 0 -0.928228 -5.298301 -0.561674  56 1 0 -1.289291 -5.057965 1.139716 |
| TM\_NP\_model\_scan\_p\_40\_m\_110 | 1 6 0 -1.386822 0.302138 -0.506197  2 6 0 -0.679887 1.501521 -0.494841  3 6 0 0.697845 1.562947 -0.255634  4 6 0 1.415721 0.366967 -0.004418  5 6 0 0.699403 -0.833894 -0.021795  6 6 0 -0.671969 -0.895972 -0.283814  7 6 0 2.820678 0.361043 0.497655  8 6 0 3.196230 1.281502 1.461500  9 6 0 4.495540 1.303191 2.008449  10 6 0 5.441024 0.410352 1.574496  11 6 0 5.134249 -0.518050 0.547744  12 6 0 3.818780 -0.535203 -0.024648  13 6 0 3.586673 -1.412144 -1.119622  14 6 0 4.569464 -2.253561 -1.583663  15 6 0 5.846849 -2.267950 -0.982449  16 6 0 6.120521 -1.412137 0.054446  17 6 0 -2.860435 0.337169 -0.761256  18 6 0 -3.806587 0.054275 0.278159  19 6 0 -5.206681 0.121772 -0.020740  20 6 0 -5.624138 0.482082 -1.327734  21 6 0 -4.700622 0.772416 -2.299135  22 6 0 -3.319937 0.701517 -2.011118  23 6 0 -3.417106 -0.271530 1.605620  24 6 0 -4.354089 -0.538520 2.574767  25 6 0 -5.733282 -0.490928 2.272044  26 6 0 -6.146194 -0.164321 1.004219  27 6 0 1.374273 2.871460 -0.394153  28 7 0 0.735322 3.969575 -0.387795  29 6 0 1.482507 5.193259 -0.596799  30 6 0 -1.341302 -2.212771 -0.339983  31 7 0 -0.730278 -3.294634 -0.077135  32 6 0 -1.467814 -4.537545 -0.175732  33 1 0 -1.195995 2.435859 -0.677801  34 1 0 1.197354 -1.768399 0.201867  35 1 0 2.452359 1.961376 1.859157  36 1 0 4.733335 2.021827 2.784525  37 1 0 6.438879 0.408964 2.000215  38 1 0 2.621680 -1.406392 -1.607282  39 1 0 4.363581 -2.907718 -2.423394  40 1 0 6.610671 -2.943047 -1.351508  41 1 0 7.105775 -1.396087 0.508761  42 1 0 -6.686483 0.529601 -1.542893  43 1 0 -5.022795 1.054223 -3.295216  44 1 0 -2.601618 0.924532 -2.792014  45 1 0 -2.363629 -0.299640 1.853423  46 1 0 -4.033950 -0.782578 3.581465  47 1 0 -6.462223 -0.705585 3.045375  48 1 0 -7.203788 -0.115342 0.766356  49 1 0 2.461777 2.841399 -0.537528  50 1 0 2.564010 5.036367 -0.728138  51 1 0 -2.398373 -2.206148 -0.634029  52 1 0 -2.517747 -4.408038 -0.478275  53 1 0 1.090092 5.707203 -1.480183  54 1 0 1.321166 5.863844 0.253155  55 1 0 -0.968966 -5.195262 -0.894728  56 1 0 -1.437759 -5.050054 0.790991 |
| TM\_NP\_model\_scan\_p\_40\_m\_120 | 1 6 0 -1.384598 0.372437 -0.491929  2 6 0 -0.655936 1.558901 -0.438570  3 6 0 0.722263 1.590956 -0.199199  4 6 0 1.421589 0.376642 0.012114  5 6 0 0.685418 -0.810873 -0.044847  6 6 0 -0.686555 -0.843265 -0.308225  7 6 0 2.826650 0.330839 0.511064  8 6 0 3.219518 1.212700 1.503684  9 6 0 4.520347 1.195142 2.047197  10 6 0 5.450308 0.302290 1.580853  11 6 0 5.126224 -0.585766 0.524218  12 6 0 3.809281 -0.562598 -0.044448  13 6 0 3.561071 -1.397086 -1.168726  14 6 0 4.529396 -2.237238 -1.664358  15 6 0 5.807672 -2.292707 -1.067456  16 6 0 6.097139 -1.477693 -0.002360  17 6 0 -2.859892 0.449686 -0.716907  18 6 0 -3.804945 0.008861 0.270032  19 6 0 -5.206020 0.137098 -0.006704  20 6 0 -5.627332 0.721678 -1.228282  21 6 0 -4.706329 1.179874 -2.135060  22 6 0 -3.326269 1.048600 -1.871777  23 6 0 -3.418441 -0.517641 1.532772  24 6 0 -4.356100 -0.926593 2.450477  25 6 0 -5.735228 -0.829895 2.160362  26 6 0 -6.146298 -0.305346 0.960594  27 6 0 1.417907 2.893592 -0.291919  28 7 0 0.795383 4.000134 -0.245658  29 6 0 1.560607 5.219394 -0.410751  30 6 0 -1.364199 -2.151057 -0.439921  31 7 0 -0.777556 -3.247045 -0.180324  32 6 0 -1.517694 -4.478410 -0.366785  33 1 0 -1.157059 2.508275 -0.581123  34 1 0 1.168860 -1.760674 0.143398  35 1 0 2.487752 1.890539 1.926555  36 1 0 4.771499 1.883504 2.846168  37 1 0 6.449007 0.270620 2.003394  38 1 0 2.595584 -1.358675 -1.653944  39 1 0 4.311526 -2.858231 -2.525977  40 1 0 6.559922 -2.966421 -1.461944  41 1 0 7.083583 -1.492752 0.449399  42 1 0 -6.690355 0.810550 -1.426205  43 1 0 -5.030386 1.639703 -3.061797  44 1 0 -2.610719 1.400734 -2.606157  45 1 0 -2.366438 -0.585473 1.777437  46 1 0 -4.035474 -1.320224 3.408478  47 1 0 -6.464659 -1.159922 2.891411  48 1 0 -7.203558 -0.211393 0.735192  49 1 0 2.504779 2.852653 -0.437281  50 1 0 2.639145 5.051181 -0.551987  51 1 0 -2.402529 -2.125040 -0.793260  52 1 0 -2.547294 -4.327343 -0.723991  53 1 0 1.173363 5.772805 -1.272296  54 1 0 1.412275 5.859293 0.464855  55 1 0 -0.983319 -5.114413 -1.079766  56 1 0 -1.547608 -5.026059 0.580469 |
| TM\_NP\_model\_scan\_p\_40\_m\_130 | 1 6 0 -1.386485 0.424432 -0.498476  2 6 0 -0.640572 1.600163 -0.416350  3 6 0 0.737661 1.611818 -0.179607  4 6 0 1.423126 0.386299 0.010506  5 6 0 0.673342 -0.790553 -0.076707  6 6 0 -0.698109 -0.802343 -0.344107  7 6 0 2.824604 0.315021 0.515562  8 6 0 3.220381 1.172651 1.528200  9 6 0 4.516986 1.129557 2.080190  10 6 0 5.439796 0.234791 1.603445  11 6 0 5.113053 -0.628980 0.527670  12 6 0 3.800878 -0.578930 -0.050208  13 6 0 3.551472 -1.388249 -1.192466  14 6 0 4.513229 -2.230900 -1.696596  15 6 0 5.785880 -2.313838 -1.090950  16 6 0 6.077033 -1.522723 -0.008433  17 6 0 -2.865526 0.534249 -0.673294  18 6 0 -3.798707 -0.034487 0.261909  19 6 0 -5.203664 0.145538 0.034098  20 6 0 -5.642512 0.919050 -1.069973  21 6 0 -4.733407 1.515652 -1.905411  22 6 0 -3.351651 1.329400 -1.696037  23 6 0 -3.401703 -0.725817 1.439526  24 6 0 -4.329198 -1.253416 2.305573  25 6 0 -5.711372 -1.119111 2.048252  26 6 0 -6.133874 -0.428229 0.940735  27 6 0 1.447869 2.908303 -0.246675  28 7 0 0.837724 4.020962 -0.185443  29 6 0 1.617390 5.233991 -0.326992  30 6 0 -1.374761 -2.102989 -0.543292  31 7 0 -0.807534 -3.208949 -0.283398  32 6 0 -1.540264 -4.430406 -0.548229  33 1 0 -1.129666 2.559986 -0.526066  34 1 0 1.145601 -1.750410 0.087246  35 1 0 2.493390 1.850272 1.959581  36 1 0 4.770249 1.799482 2.894035  37 1 0 6.434838 0.183061 2.032588  38 1 0 2.590641 -1.327986 -1.684678  39 1 0 4.294661 -2.832481 -2.571704  40 1 0 6.532798 -2.989413 -1.492326  41 1 0 7.059620 -1.558664 0.450503  42 1 0 -6.708147 1.045032 -1.229759  43 1 0 -5.068569 2.126013 -2.736295  44 1 0 -2.648575 1.787744 -2.382101  45 1 0 -2.348849 -0.824456 1.666440  46 1 0 -3.996714 -1.769881 3.198974  47 1 0 -6.433042 -1.547054 2.734863  48 1 0 -7.193208 -0.296481 0.746096  49 1 0 2.534931 2.857563 -0.387497  50 1 0 2.694485 5.055817 -0.467010  51 1 0 -2.391848 -2.062023 -0.952618  52 1 0 -2.545863 -4.263442 -0.962138  53 1 0 1.240035 5.806214 -1.180607  54 1 0 1.472961 5.860767 0.558680  55 1 0 -0.966803 -5.049646 -1.245387  56 1 0 -1.629617 -5.003763 0.379890 |
| TM\_NP\_model\_scan\_p\_40\_m\_140 | 1 6 0 -1.388582 0.451070 -0.524711  2 6 0 -0.630705 1.620203 -0.429322  3 6 0 0.745783 1.622618 -0.186372  4 6 0 1.422977 0.393072 0.006006  5 6 0 0.664605 -0.777208 -0.089114  6 6 0 -0.705151 -0.779272 -0.364524  7 6 0 2.820579 0.310622 0.519178  8 6 0 3.217117 1.163045 1.535956  9 6 0 4.510596 1.109614 2.094330  10 6 0 5.429950 0.210305 1.619379  11 6 0 5.102975 -0.647915 0.539249  12 6 0 3.793930 -0.587787 -0.044687  13 6 0 3.545147 -1.391454 -1.191058  14 6 0 4.504205 -2.238057 -1.693707  15 6 0 5.773392 -2.330966 -1.082292  16 6 0 6.064064 -1.545630 0.004562  17 6 0 -2.871176 0.581371 -0.649599  18 6 0 -3.793555 -0.072005 0.244558  19 6 0 -5.201380 0.147204 0.068378  20 6 0 -5.654693 1.053681 -0.922185  21 6 0 -4.754864 1.748801 -1.688262  22 6 0 -3.373223 1.521172 -1.535317  23 6 0 -3.387906 -0.872207 1.348392  24 6 0 -4.306235 -1.475647 2.173823  25 6 0 -5.690957 -1.314856 1.949423  26 6 0 -6.122990 -0.512349 0.924394  27 6 0 1.462638 2.916246 -0.241498  28 7 0 0.857666 4.031536 -0.177903  29 6 0 1.644279 5.241666 -0.305642  30 6 0 -1.373654 -2.077249 -0.610330  31 7 0 -0.820252 -3.187961 -0.342051  32 6 0 -1.539117 -4.403855 -0.664606  33 1 0 -1.109989 2.586253 -0.523668  34 1 0 1.128919 -1.741579 0.071144  35 1 0 2.492509 1.844105 1.965939  36 1 0 4.764160 1.775388 2.911474  37 1 0 6.422523 0.150817 2.053203  38 1 0 2.587205 -1.323406 -1.687873  39 1 0 4.286239 -2.834910 -2.572200  40 1 0 6.518181 -3.009466 -1.482680  41 1 0 7.044199 -1.589166 0.468060  42 1 0 -6.721912 1.206187 -1.043362  43 1 0 -5.097565 2.468318 -2.423117  44 1 0 -2.683111 2.054762 -2.178433  45 1 0 -2.334616 -0.992421 1.558734  46 1 0 -3.962922 -2.071947 3.011689  47 1 0 -6.405615 -1.805826 2.600224  48 1 0 -7.183590 -0.350972 0.761730  49 1 0 2.550398 2.860993 -0.374889  50 1 0 2.721346 5.059096 -0.440030  51 1 0 -2.369507 -2.028098 -1.068461  52 1 0 -2.522352 -4.228574 -1.126167  53 1 0 1.275346 5.822132 -1.157365  54 1 0 1.497314 5.862551 0.583791  55 1 0 -0.931371 -5.011883 -1.342326  56 1 0 -1.675981 -4.992782 0.247856 |
| TM\_NP\_model\_scan\_p\_40\_p\_20 | 1 6 0 -1.405195 0.365117 -0.090994  2 6 0 -0.928331 -0.952339 -0.124550  3 6 0 0.427212 -1.291325 -0.156165  4 6 0 1.401688 -0.267548 -0.216732  5 6 0 0.935299 1.049961 -0.222095  6 6 0 -0.417552 1.387073 -0.154721  7 6 0 2.840578 -0.526609 -0.507390  8 6 0 3.177519 -1.463751 -1.469644  9 6 0 4.517589 -1.725392 -1.820638  10 6 0 5.537862 -1.061693 -1.189588  11 6 0 5.259147 -0.134041 -0.154283  12 6 0 3.898567 0.125893 0.218908  13 6 0 3.671342 0.983943 1.329852  14 6 0 4.712941 1.587735 1.992903  15 6 0 6.047398 1.368278 1.587349  16 6 0 6.309776 0.519614 0.541719  17 6 0 -2.850759 0.600081 -0.382597  18 6 0 -3.899899 -0.196791 0.216697  19 6 0 -5.264023 0.061463 -0.149370  20 6 0 -5.571838 1.152280 -1.000646  21 6 0 -4.575770 1.978824 -1.448131  22 6 0 -3.231645 1.711347 -1.120383  23 6 0 -3.675520 -1.186799 1.213481  24 6 0 -4.706252 -1.928209 1.741128  25 6 0 -6.033534 -1.727228 1.307813  26 6 0 -6.301635 -0.742675 0.391336  27 6 0 0.791364 -2.721645 -0.039972  28 7 0 -0.051339 -3.654650 -0.220852  29 6 0 0.389826 -5.020633 -0.024648  30 6 0 -0.745710 2.821468 0.024685  31 7 0 0.044563 3.751703 -0.325905  32 6 0 -0.334351 5.118175 -0.027497  33 1 0 -1.619541 -1.781621 -0.173397  34 1 0 1.633736 1.872503 -0.304320  35 1 0 2.388148 -1.960056 -2.021164  36 1 0 4.730929 -2.443956 -2.603822  37 1 0 6.571361 -1.244779 -1.463979  38 1 0 2.658956 1.151366 1.670826  39 1 0 4.508342 2.232854 2.839955  40 1 0 6.859699 1.857688 2.112700  41 1 0 7.332226 0.323361 0.236050  42 1 0 -6.607452 1.332784 -1.268440  43 1 0 -4.807503 2.832093 -2.075361  44 1 0 -2.470293 2.333418 -1.571476  45 1 0 -2.676345 -1.345285 1.591305  46 1 0 -4.495822 -2.667698 2.505566  47 1 0 -6.836053 -2.329687 1.717993  48 1 0 -7.321589 -0.545236 0.078214  49 1 0 1.829488 -2.934498 0.244917  50 1 0 1.448854 -5.108226 0.261911  51 1 0 -1.698667 3.036785 0.526237  52 1 0 -1.307594 5.208993 0.478675  53 1 0 -0.226177 -5.489818 0.749199  54 1 0 0.222446 -5.589017 -0.945004  55 1 0 0.435443 5.575238 0.602498  56 1 0 -0.361740 5.695959 -0.956756 |
| TM\_NP\_model\_scan\_p\_40\_p\_30 | 1 6 0 -1.405354 0.313314 -0.181004  2 6 0 -0.913194 -0.996324 -0.205131  3 6 0 0.448837 -1.309196 -0.214817  4 6 0 1.404705 -0.265020 -0.244562  5 6 0 0.917412 1.044831 -0.247236  6 6 0 -0.443333 1.356905 -0.205824  7 6 0 2.854175 -0.496803 -0.505995  8 6 0 3.228289 -1.419258 -1.468624  9 6 0 4.580115 -1.655603 -1.791605  10 6 0 5.574822 -0.981048 -1.131955  11 6 0 5.257465 -0.067745 -0.095013  12 6 0 3.884704 0.166121 0.249802  13 6 0 3.618457 1.009931 1.362977  14 6 0 4.634699 1.624869 2.054518  15 6 0 5.981358 1.431341 1.677109  16 6 0 6.281193 0.596738 0.630233  17 6 0 -2.856983 0.536828 -0.441880  18 6 0 -3.886328 -0.205646 0.245192  19 6 0 -5.259924 0.034988 -0.093905  20 6 0 -5.586195 1.043668 -1.035036  21 6 0 -4.598978 1.806545 -1.601823  22 6 0 -3.246417 1.560958 -1.290743  23 6 0 -3.624841 -1.129503 1.294490  24 6 0 -4.639262 -1.818835 1.915446  25 6 0 -5.982572 -1.626630 1.527839  26 6 0 -6.281283 -0.711066 0.550965  27 6 0 0.839049 -2.732498 -0.099194  28 7 0 0.020694 -3.680763 -0.310325  29 6 0 0.484102 -5.038919 -0.110724  30 6 0 -0.816964 2.781666 -0.049692  31 7 0 -0.024812 3.729411 -0.345404  32 6 0 -0.458241 5.087412 -0.085423  33 1 0 -1.596123 -1.833574 -0.254091  34 1 0 1.603893 1.879252 -0.307958  35 1 0 2.460112 -1.923665 -2.042320  36 1 0 4.822797 -2.363444 -2.576018  37 1 0 6.617126 -1.144536 -1.384552  38 1 0 2.596060 1.157520 1.682528  39 1 0 4.400397 2.258797 2.902325  40 1 0 6.773404 1.929359 2.224834  41 1 0 7.313365 0.420293 0.345889  42 1 0 -6.628932 1.211122 -1.283097  43 1 0 -4.846699 2.592100 -2.306623  44 1 0 -2.488382 2.133109 -1.810462  45 1 0 -2.608365 -1.278905 1.629452  46 1 0 -4.404682 -2.510588 2.716668  47 1 0 -6.772793 -2.185698 2.016008  48 1 0 -7.311891 -0.528306 0.264957  49 1 0 1.872973 -2.926743 0.212991  50 1 0 1.535677 -5.106909 0.206993  51 1 0 -1.809767 2.975673 0.376729  52 1 0 -1.467844 5.156306 0.347563  53 1 0 -0.144933 -5.526686 0.640811  54 1 0 0.356282 -5.603396 -1.039796  55 1 0 0.252001 5.567267 0.595527  56 1 0 -0.431927 5.658970 -1.018573 |
| TM\_NP\_model\_scan\_p\_40\_p\_40 | 1 6 0 -1.406302 0.262523 -0.272225  2 6 0 -0.897615 -1.038945 -0.280488  3 6 0 0.470073 -1.325938 -0.266791  4 6 0 1.406306 -0.262401 -0.272234  5 6 0 0.897594 1.039079 -0.280222  6 6 0 -0.470081 1.326062 -0.266522  7 6 0 2.865026 -0.468314 -0.503822  8 6 0 3.275234 -1.380593 -1.461375  9 6 0 4.637537 -1.593896 -1.755288  10 6 0 5.606468 -0.906454 -1.071103  11 6 0 5.251524 -0.002746 -0.037920  12 6 0 3.867856 0.207789 0.277145  13 6 0 3.563504 1.042730 1.387187  14 6 0 4.554143 1.670866 2.103577  15 6 0 5.911788 1.500159 1.755705  16 6 0 6.248133 0.674730 0.712644  17 6 0 -2.865044 0.468554 -0.503624  18 6 0 -3.867843 -0.207889 0.277112  19 6 0 -5.251517 0.002624 -0.037899  20 6 0 -5.606532 0.906658 -1.070777  21 6 0 -4.637657 1.594455 -1.754675  22 6 0 -3.275324 1.381156 -1.460837  23 6 0 -3.563412 -1.043095 1.386936  24 6 0 -4.553993 -1.671480 2.103184  25 6 0 -5.911649 -1.500816 1.755327  26 6 0 -6.248064 -0.675175 0.712463  27 6 0 0.885878 -2.741237 -0.144146  28 7 0 0.092739 -3.704971 -0.380206  29 6 0 0.577629 -5.054129 -0.170315  30 6 0 -0.885852 2.741371 -0.143712  31 7 0 -0.092915 3.705087 -0.380457  32 6 0 -0.577660 5.054237 -0.170211  33 1 0 -1.571018 -1.884984 -0.325319  34 1 0 1.570995 1.885125 -0.324907  35 1 0 2.528375 -1.895307 -2.053819  36 1 0 4.908744 -2.294530 -2.536831  37 1 0 6.656616 -1.052329 -1.300981  38 1 0 2.532008 1.173078 1.684138  39 1 0 4.290851 2.297682 2.948156  40 1 0 6.683402 2.008378 2.322884  41 1 0 7.289065 0.515805 0.450785  42 1 0 -6.656682 1.052462 -1.300690  43 1 0 -4.908926 2.295387 -2.535932  44 1 0 -2.528540 1.896160 -2.053129  45 1 0 -2.531889 -1.173457 1.683787  46 1 0 -4.290663 -2.298419 2.947659  47 1 0 -6.683219 -2.009270 2.322357  48 1 0 -7.289008 -0.516312 0.450610  49 1 0 1.914653 -2.915622 0.195601  50 1 0 1.620819 -5.101791 0.177425  51 1 0 -1.914416 2.915731 0.196726  52 1 0 -1.620626 5.101898 0.178209  53 1 0 -0.062757 -5.556485 0.561755  54 1 0 0.488008 -5.618412 -1.103959  55 1 0 0.063205 5.556561 0.561461  56 1 0 -0.488632 5.618529 -1.103900 |
| TM\_NP\_model\_scan\_p\_40\_p\_50 | 1 6 0 1.408178 -0.204475 -0.369020  2 6 0 0.879334 1.087111 -0.354423  3 6 0 -0.493620 1.345603 -0.313285  4 6 0 -1.407408 0.261803 -0.301505  5 6 0 -0.874591 -1.029614 -0.324730  6 6 0 0.499389 -1.288375 -0.341359  7 6 0 -2.874771 0.440638 -0.500433  8 6 0 -3.322693 1.348035 -1.445612  9 6 0 -4.694888 1.538099 -1.707871  10 6 0 -5.635773 0.832182 -1.003718  11 6 0 -5.241509 -0.067871 0.018391  12 6 0 -3.847497 -0.255202 0.300928  13 6 0 -3.503182 -1.088006 1.400803  14 6 0 -4.466029 -1.735042 2.137976  15 6 0 -5.834111 -1.586577 1.822282  16 6 0 -6.208688 -0.764270 0.789816  17 6 0 2.875312 -0.385797 -0.571821  18 6 0 3.843424 0.206781 0.309316  19 6 0 5.238348 0.032969 0.024752  20 6 0 5.633088 -0.741277 -1.095633  21 6 0 4.692369 -1.335193 -1.897472  22 6 0 3.318846 -1.161052 -1.628310  23 6 0 3.488634 0.929158 1.481360  24 6 0 4.447321 1.478415 2.298551  25 6 0 5.818962 1.335536 1.993792  26 6 0 6.201207 0.623604 0.884706  27 6 0 -0.936553 2.750724 -0.171677  28 7 0 -0.170591 3.732423 -0.423051  29 6 0 -0.677805 5.069695 -0.190923  30 6 0 0.956972 -2.692935 -0.263074  31 7 0 0.169872 -3.673600 -0.443636  32 6 0 0.704268 -5.012328 -0.297555  33 1 0 1.539976 1.944123 -0.391877  34 1 0 -1.532270 -1.888427 -0.359494  35 1 0 -2.598779 1.877980 -2.052940  36 1 0 -4.996028 2.236023 -2.480841  37 1 0 -6.693303 0.960416 -1.208961  38 1 0 -2.462949 -1.201817 1.672964  39 1 0 -4.172481 -2.359781 2.974075  40 1 0 -6.583534 -2.109522 2.405606  41 1 0 -7.257988 -0.622531 0.552657  42 1 0 6.691431 -0.861060 -1.301970  43 1 0 4.995627 -1.932306 -2.749999  44 1 0 2.591287 -1.607615 -2.296259  45 1 0 2.443347 1.037449 1.737863  46 1 0 4.148852 2.021807 3.188025  47 1 0 6.565401 1.779219 2.642932  48 1 0 7.252728 0.493109 0.650880  49 1 0 -1.959421 2.900916 0.196303  50 1 0 -1.712160 5.093302 0.184670  51 1 0 2.014800 -2.844965 -0.015087  52 1 0 1.774654 -5.037502 -0.042729  53 1 0 -0.028739 5.580509 0.527553  54 1 0 -0.624712 5.641802 -1.122587  55 1 0 0.142632 -5.541028 0.479279  56 1 0 0.547453 -5.565876 -1.228758 |
| TM\_NP\_model\_scan\_p\_40\_p\_60 | 1 6 0 1.409436 -0.127826 -0.446062  2 6 0 0.857524 1.151155 -0.385824  3 6 0 -0.520381 1.377139 -0.315915  4 6 0 -1.409092 0.272061 -0.312235  5 6 0 -0.849664 -1.006961 -0.369813  6 6 0 0.529674 -1.233281 -0.418099  7 6 0 -2.882761 0.423694 -0.487818  8 6 0 -3.360920 1.339712 -1.409615  9 6 0 -4.739793 1.506295 -1.651780  10 6 0 -5.657114 0.767314 -0.950522  11 6 0 -5.231730 -0.144267 0.048685  12 6 0 -3.830744 -0.308402 0.310564  13 6 0 -3.455549 -1.156262 1.388603  14 6 0 -4.395756 -1.837218 2.124443  15 6 0 -5.770506 -1.710126 1.828871  16 6 0 -6.174761 -0.875431 0.817746  17 6 0 2.883114 -0.274973 -0.641826  18 6 0 3.823917 0.189665 0.336295  19 6 0 5.226131 0.064925 0.063765  20 6 0 5.651212 -0.526082 -1.153260  21 6 0 4.733290 -0.987131 -2.062213  22 6 0 3.352181 -0.863254 -1.801192  23 6 0 3.431104 0.743843 1.584992  24 6 0 4.364514 1.172302 2.497976  25 6 0 5.744939 1.069496 2.215770  26 6 0 6.161972 0.525027 1.026923  27 6 0 -0.993077 2.767632 -0.133657  28 7 0 -0.254744 3.772382 -0.376661  29 6 0 -0.787728 5.091864 -0.104447  30 6 0 1.029173 -2.624911 -0.402314  31 7 0 0.254507 -3.624338 -0.524103  32 6 0 0.835865 -4.949727 -0.460927  33 1 0 1.502274 2.021196 -0.402612  34 1 0 -1.489020 -1.879240 -0.411414  35 1 0 -2.655482 1.896616 -2.014546  36 1 0 -5.064761 2.212784 -2.407129  37 1 0 -6.719525 0.877551 -1.140486  38 1 0 -2.409722 -1.254892 1.644780  39 1 0 -4.079131 -2.472714 2.943837  40 1 0 -6.501739 -2.259699 2.410805  41 1 0 -7.229625 -0.750493 0.596359  42 1 0 6.714777 -0.610496 -1.350221  43 1 0 5.060948 -1.440811 -2.990734  44 1 0 2.639984 -1.209749 -2.541642  45 1 0 2.377030 0.821755 1.817588  46 1 0 4.040184 1.589614 3.444667  47 1 0 6.471042 1.415049 2.942970  48 1 0 7.220305 0.432145 0.806230  49 1 0 -2.011963 2.885172 0.256622  50 1 0 -1.815544 5.083302 0.289411  51 1 0 2.109856 -2.750271 -0.260867  52 1 0 1.926601 -4.949398 -0.314428  53 1 0 -0.137561 5.600588 0.614504  54 1 0 -0.764148 5.686455 -1.023186  55 1 0 0.368606 -5.508874 0.356038  56 1 0 0.601463 -5.489526 -1.383890 |
| TM\_NP\_model\_scan\_p\_40\_p\_70 | 1 6 0 1.411606 -0.021070 -0.534234  2 6 0 0.829587 1.238821 -0.412259  3 6 0 -0.553137 1.423283 -0.311560  4 6 0 -1.410841 0.294021 -0.336392  5 6 0 -0.819137 -0.965963 -0.457338  6 6 0 0.565041 -1.150866 -0.537541  7 6 0 -2.891814 0.412200 -0.473617  8 6 0 -3.415123 1.352968 -1.344473  9 6 0 -4.803101 1.492962 -1.548109  10 6 0 -5.684167 0.700559 -0.858886  11 6 0 -5.211956 -0.241389 0.089889  12 6 0 -3.801394 -0.379259 0.312903  13 6 0 -3.379444 -1.262730 1.344192  14 6 0 -4.284454 -1.998832 2.070996  15 6 0 -5.668604 -1.895353 1.812450  16 6 0 -6.117624 -1.029402 0.847559  17 6 0 2.893657 -0.123229 -0.709713  18 6 0 3.792005 0.165454 0.368402  19 6 0 5.204277 0.092381 0.133717  20 6 0 5.678808 -0.269637 -1.152855  21 6 0 4.799098 -0.553819 -2.166316  22 6 0 3.407340 -0.480983 -1.940637  23 6 0 3.343644 0.502783 1.674325  24 6 0 4.236427 0.769902 2.684091  25 6 0 5.627930 0.712365 2.445587  26 6 0 6.097170 0.378763 1.199444  27 6 0 -1.059730 2.791223 -0.062971  28 7 0 -0.355073 3.825243 -0.282164  29 6 0 -0.917281 5.117072 0.055924  30 6 0 1.108188 -2.523632 -0.608498  31 7 0 0.358400 -3.544727 -0.702344  32 6 0 0.984775 -4.850243 -0.742608  33 1 0 1.453014 2.124355 -0.392828  34 1 0 -1.435626 -1.852837 -0.526135  35 1 0 -2.738597 1.954076 -1.939995  36 1 0 -5.163993 2.222197 -2.264529  37 1 0 -6.753305 0.790716 -1.019497  38 1 0 -2.325691 -1.345495 1.571782  39 1 0 -3.932449 -2.660322 2.854595  40 1 0 -6.371724 -2.488197 2.386508  41 1 0 -7.180245 -0.922927 0.655575  42 1 0 6.749577 -0.318688 -1.320749  43 1 0 5.165332 -0.829498 -3.148793  44 1 0 2.724606 -0.693162 -2.755916  45 1 0 2.279719 0.545825 1.869331  46 1 0 3.872024 1.025010 3.672871  47 1 0 6.321661 0.928410 3.250286  48 1 0 7.164322 0.326307 1.010015  49 1 0 -2.071860 2.864253 0.354910  50 1 0 -1.934909 5.063656 0.472059  51 1 0 2.200710 -2.614986 -0.563664  52 1 0 2.083264 -4.817414 -0.685228  53 1 0 -0.264393 5.614194 0.780480  54 1 0 -0.931636 5.748843 -0.837886  55 1 0 0.604319 -5.457242 0.085138  56 1 0 0.692118 -5.360789 -1.665609 |
| TM\_NP\_model\_scan\_p\_40\_p\_80 | 1 6 0 1.408756 0.125922 -0.565542  2 6 0 0.791383 1.355801 -0.355149  3 6 0 -0.596055 1.488824 -0.230746  4 6 0 -1.418325 0.337195 -0.324857  5 6 0 -0.789471 -0.892918 -0.535473  6 6 0 0.598775 -1.027279 -0.638087  7 6 0 -2.903789 0.417108 -0.440160  8 6 0 -3.466039 1.397735 -1.239867  9 6 0 -4.859789 1.505751 -1.422602  10 6 0 -5.707786 0.637615 -0.785083  11 6 0 -5.195748 -0.353859 0.089608  12 6 0 -3.779426 -0.459143 0.293335  13 6 0 -3.319268 -1.402232 1.253118  14 6 0 -4.192509 -2.222692 1.926511  15 6 0 -5.581416 -2.148281 1.684285  16 6 0 -6.067712 -1.227381 0.791034  17 6 0 2.895481 0.077203 -0.740167  18 6 0 3.775374 0.120460 0.388418  19 6 0 5.191191 0.103076 0.165962  20 6 0 5.686376 0.041803 -1.161804  21 6 0 4.823142 -0.002998 -2.226870  22 6 0 3.427187 0.014133 -2.012034  23 6 0 3.302728 0.169056 1.727734  24 6 0 4.177635 0.206336 2.786667  25 6 0 5.573189 0.196325 2.564547  26 6 0 6.064944 0.144955 1.283775  27 6 0 -1.142558 2.820193 0.112710  28 7 0 -0.474803 3.888962 -0.047925  29 6 0 -1.073119 5.136912 0.381137  30 6 0 1.188441 -2.369367 -0.823338  31 7 0 0.474665 -3.414670 -0.929389  32 6 0 1.147361 -4.686776 -1.095613  33 1 0 1.388570 2.255998 -0.276751  34 1 0 -1.379198 -1.791336 -0.662767  35 1 0 -2.815359 2.061242 -1.796655  36 1 0 -5.251146 2.271286 -2.082981  37 1 0 -6.780790 0.703125 -0.931135  38 1 0 -2.261529 -1.466409 1.467996  39 1 0 -3.811314 -2.929438 2.654988  40 1 0 -6.259046 -2.807448 2.215029  41 1 0 -7.134880 -1.143745 0.613493  42 1 0 6.759753 0.031467 -1.319613  43 1 0 5.205155 -0.047858 -3.240501  44 1 0 2.756645 -0.013743 -2.863717  45 1 0 2.234856 0.177865 1.906537  46 1 0 3.796601 0.243666 3.801058  47 1 0 6.252663 0.228048 3.408844  48 1 0 7.135411 0.134512 1.106384  49 1 0 -2.150357 2.832752 0.547005  50 1 0 -2.081304 5.022774 0.807686  51 1 0 2.284393 -2.414981 -0.856566  52 1 0 2.244996 -4.609762 -1.109798  53 1 0 -0.424907 5.607953 1.126984  54 1 0 -1.122758 5.823978 -0.469578  55 1 0 0.849219 -5.359609 -0.285237  56 1 0 0.811581 -5.151250 -2.028216 |
| TM\_NP\_model\_scan\_p\_40\_p\_90 | 1 6 0 1.406095 0.284511 -0.563510  2 6 0 0.746908 1.472852 -0.264126  3 6 0 -0.644621 1.547764 -0.131836  4 6 0 -1.425783 0.377883 -0.308814  5 6 0 -0.754918 -0.809712 -0.615408  6 6 0 0.636285 -0.886141 -0.731251  7 6 0 -2.913766 0.412940 -0.414471  8 6 0 -3.515115 1.428801 -1.138060  9 6 0 -4.913066 1.500414 -1.306636  10 6 0 -5.726065 0.559892 -0.728958  11 6 0 -5.173915 -0.473071 0.070043  12 6 0 -3.753291 -0.543787 0.257805  13 6 0 -3.253350 -1.537102 1.144069  14 6 0 -4.092751 -2.432900 1.762184  15 6 0 -5.485478 -2.388445 1.534785  16 6 0 -6.010132 -1.423428 0.712591  17 6 0 2.896287 0.297963 -0.718713  18 6 0 3.755457 0.070157 0.403363  19 6 0 5.174943 0.113595 0.211983  20 6 0 5.693908 0.381011 -1.080940  21 6 0 4.850075 0.595748 -2.140768  22 6 0 3.449902 0.552697 -1.956263  23 6 0 3.257010 -0.202319 1.705813  24 6 0 4.111490 -0.419616 2.759850  25 6 0 5.510940 -0.374965 2.569207  26 6 0 6.027166 -0.113884 1.323975  27 6 0 -1.236058 2.830406 0.309091  28 7 0 -0.607080 3.930901 0.223762  29 6 0 -1.245780 5.123053 0.743621  30 6 0 1.272998 -2.181791 -1.045353  31 7 0 0.601092 -3.249898 -1.189712  32 6 0 1.317536 -4.471526 -1.494234  33 1 0 1.313088 2.383677 -0.113370  34 1 0 -1.313775 -1.715000 -0.813956  35 1 0 -2.891562 2.153467 -1.647649  36 1 0 -5.335363 2.297239 -1.908333  37 1 0 -6.801720 0.598390 -0.864737  38 1 0 -2.192096 -1.580631 1.346322  39 1 0 -3.681896 -3.176864 2.435390  40 1 0 -6.135970 -3.106348 2.021468  41 1 0 -7.081002 -1.363696 0.548227  42 1 0 6.769923 0.413100 -1.216438  43 1 0 5.250784 0.801192 -3.126993  44 1 0 2.794988 0.727069 -2.802621  45 1 0 2.185756 -0.234210 1.861412  46 1 0 3.711110 -0.625346 3.746223  47 1 0 6.174201 -0.546834 3.409467  48 1 0 7.100846 -0.078014 1.170963  49 1 0 -2.240970 2.775838 0.746594  50 1 0 -2.247358 4.943707 1.163358  51 1 0 2.365912 -2.170939 -1.145195  52 1 0 2.407278 -4.339454 -1.571122  53 1 0 -0.610448 5.561268 1.519971  54 1 0 -1.323157 5.867733 -0.054942  55 1 0 1.104027 -5.215479 -0.720112  56 1 0 0.941874 -4.882901 -2.436519 |
| TM\_NP\_model\_scan\_p\_40\_p\_100 | 1 6 0 1.400373 0.415359 -0.522433  2 6 0 0.704009 1.565136 -0.162818  3 6 0 -0.689902 1.591142 -0.034685  4 6 0 -1.434636 0.410424 -0.280299  5 6 0 -0.726977 -0.737811 -0.649672  6 6 0 0.665833 -0.766031 -0.762730  7 6 0 -2.922371 0.407241 -0.394155  8 6 0 -3.549981 1.442824 -1.065589  9 6 0 -4.948488 1.481807 -1.240140  10 6 0 -5.735905 0.487337 -0.720214  11 6 0 -5.157365 -0.570574 0.025684  12 6 0 -3.736266 -0.609372 0.218958  13 6 0 -3.211217 -1.633937 1.053527  14 6 0 -4.026741 -2.585632 1.617716  15 6 0 -5.419124 -2.569702 1.384295  16 6 0 -5.968151 -1.578165 0.610999  17 6 0 2.890664 0.480145 -0.655068  18 6 0 3.748887 0.021640 0.395728  19 6 0 5.168483 0.116635 0.224439  20 6 0 5.689080 0.666240 -0.975398  21 6 0 4.846546 1.107878 -1.963369  22 6 0 3.446321 1.013747 -1.799526  23 6 0 3.250083 -0.518870 1.611429  24 6 0 4.103970 -0.949490 2.598347  25 6 0 5.503470 -0.861300 2.424429  26 6 0 6.020083 -0.338822 1.264563  27 6 0 -1.321275 2.828130 0.475719  28 7 0 -0.724159 3.949402 0.460388  29 6 0 -1.401251 5.089608 1.044413  30 6 0 1.339382 -2.016218 -1.170670  31 7 0 0.704542 -3.102713 -1.342506  32 6 0 1.453323 -4.273403 -1.751738  33 1 0 1.242515 2.481003 0.046712  34 1 0 -1.258186 -1.645267 -0.905969  35 1 0 -2.945617 2.212457 -1.530459  36 1 0 -5.391331 2.297324 -1.800607  37 1 0 -6.811460 0.501070 -0.861466  38 1 0 -2.150059 -1.657144 1.259449  39 1 0 -3.597393 -3.352390 2.252719  40 1 0 -6.050434 -3.331251 1.828006  41 1 0 -7.039522 -1.541196 0.443212  42 1 0 6.765233 0.733458 -1.096030  43 1 0 5.248083 1.530717 -2.877351  44 1 0 2.792151 1.363760 -2.590149  45 1 0 2.178911 -0.583011 1.756815  46 1 0 3.702832 -1.357142 3.519481  47 1 0 6.166230 -1.204261 3.210948  48 1 0 7.093759 -0.264129 1.126258  49 1 0 -2.326829 2.719081 0.901351  50 1 0 -2.400940 4.856883 1.441940  51 1 0 2.424796 -1.953920 -1.320800  52 1 0 2.531627 -4.090460 -1.872318  53 1 0 -0.785634 5.497826 1.852380  54 1 0 -1.493070 5.878837 0.291468  55 1 0 1.308567 -5.068577 -1.013489  56 1 0 1.047942 -4.646275 -2.697737 |
| TM\_NP\_model\_scan\_p\_40\_p\_110 | 1 6 0 1.394573 0.511663 -0.472013  2 6 0 0.665756 1.631927 -0.082109  3 6 0 -0.729363 1.621507 0.031857  4 6 0 -1.443298 0.432179 -0.258000  5 6 0 -0.704814 -0.684970 -0.661612  6 6 0 0.688735 -0.676538 -0.764650  7 6 0 -2.929521 0.396413 -0.383198  8 6 0 -3.578402 1.437699 -1.024904  9 6 0 -4.976457 1.448614 -1.206824  10 6 0 -5.742357 0.419326 -0.723796  11 6 0 -5.142419 -0.647935 -0.008743  12 6 0 -3.721809 -0.659048 0.191556  13 6 0 -3.176436 -1.697134 0.995778  14 6 0 -3.971799 -2.685382 1.524878  15 6 0 -5.363010 -2.694896 1.284371  16 6 0 -5.931743 -1.692657 0.539611  17 6 0 2.883319 0.618931 -0.571743  18 6 0 3.747016 -0.019188 0.377514  19 6 0 5.165406 0.128225 0.234307  20 6 0 5.680782 0.912187 -0.829737  21 6 0 4.833698 1.532190 -1.712320  22 6 0 3.435457 1.384750 -1.578928  23 6 0 3.256792 -0.781576 1.472147  24 6 0 4.116688 -1.381263 2.360762  25 6 0 5.514908 -1.249213 2.206588  26 6 0 6.023576 -0.508322 1.168787  27 6 0 -1.394219 2.825942 0.576509  28 7 0 -0.824175 3.961023 0.602207  29 6 0 -1.533144 5.065231 1.216906  30 6 0 1.388713 -1.889111 -1.238031  31 7 0 0.784924 -2.991755 -1.418276  32 6 0 1.553156 -4.119625 -1.904649  33 1 0 1.180351 2.550859 0.169491  34 1 0 -1.212736 -1.593546 -0.957912  35 1 0 -2.990323 2.236387 -1.460762  36 1 0 -5.435938 2.270840 -1.743592  37 1 0 -6.817174 0.411830 -0.871032  38 1 0 -2.116089 -1.701712 1.207087  39 1 0 -3.527355 -3.461646 2.137544  40 1 0 -5.978199 -3.484763 1.700344  41 1 0 -7.002847 -1.675887 0.366919  42 1 0 6.756101 1.016639 -0.929226  43 1 0 5.230260 2.135727 -2.520927  44 1 0 2.778460 1.872924 -2.289907  45 1 0 2.187156 -0.880918 1.607170  46 1 0 3.720680 -1.956303 3.190263  47 1 0 6.182391 -1.728778 2.913667  48 1 0 7.096012 -0.394298 1.049128  49 1 0 -2.400145 2.679321 0.989812  50 1 0 -2.530138 4.795980 1.597634  51 1 0 2.463000 -1.782484 -1.434288  52 1 0 2.618342 -3.895211 -2.064710  53 1 0 -0.934087 5.461133 2.043226  54 1 0 -1.637651 5.876290 0.489239  55 1 0 1.467595 -4.946471 -1.192486  56 1 0 1.118384 -4.470352 -2.846069 |
| TM\_NP\_model\_scan\_p\_40\_p\_120 | 1 6 0 1.391780 0.569144 -0.459808  2 6 0 0.642943 1.674601 -0.061969  3 6 0 -0.751897 1.643524 0.046795  4 6 0 -1.447654 0.446088 -0.252984  5 6 0 -0.691304 -0.655661 -0.665909  6 6 0 0.701909 -0.626191 -0.766069  7 6 0 -2.932896 0.387857 -0.378382  8 6 0 -3.598436 1.424076 -1.011247  9 6 0 -4.996458 1.414101 -1.193255  10 6 0 -5.745610 0.368011 -0.720104  11 6 0 -5.128510 -0.696253 -0.015255  12 6 0 -3.707993 -0.686028 0.185727  13 6 0 -3.145917 -1.723053 0.979758  14 6 0 -3.925058 -2.729789 1.498045  15 6 0 -5.315802 -2.759824 1.256563  16 6 0 -5.900714 -1.759412 0.521949  17 6 0 2.879623 0.695783 -0.516105  18 6 0 3.740617 -0.056827 0.351337  19 6 0 5.158594 0.131438 0.253680  20 6 0 5.676745 1.072053 -0.672928  21 6 0 4.832279 1.811584 -1.460635  22 6 0 3.436018 1.625050 -1.374061  23 6 0 3.251543 -0.959800 1.334273  24 6 0 4.110184 -1.658861 2.148383  25 6 0 5.507975 -1.493631 2.028143  26 6 0 6.015923 -0.614901 1.104178  27 6 0 -1.435034 2.832584 0.602645  28 7 0 -0.882038 3.975716 0.640446  29 6 0 -1.607507 5.062486 1.266939  30 6 0 1.412449 -1.816153 -1.280828  31 7 0 0.830998 -2.933519 -1.442103  32 6 0 1.602811 -4.033395 -1.983831  33 1 0 1.143123 2.596048 0.208318  34 1 0 -1.185511 -1.567423 -0.975141  35 1 0 -3.023282 2.236087 -1.439659  36 1 0 -5.469185 2.233731 -1.722437  37 1 0 -6.820146 0.344433 -0.867713  38 1 0 -2.085803 -1.712169 1.192015  39 1 0 -3.468074 -3.504914 2.102868  40 1 0 -5.918021 -3.564078 1.663856  41 1 0 -6.971873 -1.758584 0.348782  42 1 0 6.751684 1.203669 -0.738517  43 1 0 5.229914 2.539544 -2.158668  44 1 0 2.782060 2.206496 -2.014066  45 1 0 2.182845 -1.087333 1.448178  46 1 0 3.712317 -2.338213 2.893861  47 1 0 6.174856 -2.053908 2.673729  48 1 0 7.087574 -0.469578 1.015307  49 1 0 -2.438867 2.666742 1.013795  50 1 0 -2.600726 4.774442 1.643701  51 1 0 2.471486 -1.676832 -1.531460  52 1 0 2.651794 -3.777916 -2.195737  53 1 0 -1.014970 5.457426 2.098421  54 1 0 -1.723240 5.880276 0.548580  55 1 0 1.576738 -4.871459 -1.280222  56 1 0 1.128970 -4.383478 -2.906469 |
| TM\_NP\_model\_scan\_p\_40\_p\_130 | 1 6 0 1.388847 0.613849 -0.445470  2 6 0 0.619785 1.707485 -0.048016  3 6 0 -0.774605 1.660263 0.050444  4 6 0 -1.453631 0.452942 -0.247066  5 6 0 -0.680255 -0.637726 -0.657614  6 6 0 0.712422 -0.589447 -0.756446  7 6 0 -2.937304 0.373029 -0.375628  8 6 0 -3.616673 1.397373 -1.013173  9 6 0 -5.014016 1.366218 -1.197825  10 6 0 -5.748713 0.310896 -0.722420  11 6 0 -5.117491 -0.741854 -0.012781  12 6 0 -3.697627 -0.710324 0.190456  13 6 0 -3.121669 -1.736391 0.988739  14 6 0 -3.886964 -2.752423 1.509509  15 6 0 -5.276795 -2.803311 1.266250  16 6 0 -5.875032 -1.814163 0.527105  17 6 0 2.874815 0.759180 -0.456088  18 6 0 3.741380 -0.082899 0.322771  19 6 0 5.156904 0.143989 0.270902  20 6 0 5.667795 1.216783 -0.502654  21 6 0 4.817084 2.050243 -1.182459  22 6 0 3.425928 1.822920 -1.148185  23 6 0 3.264608 -1.106010 1.187542  24 6 0 4.130305 -1.889440 1.912451  25 6 0 5.526035 -1.694233 1.819460  26 6 0 6.022667 -0.694475 1.021616  27 6 0 -1.475210 2.843616 0.596994  28 7 0 -0.938174 3.994562 0.626213  29 6 0 -1.680058 5.076729 1.241464  30 6 0 1.428197 -1.761036 -1.307482  31 7 0 0.870582 -2.894509 -1.435898  32 6 0 1.640134 -3.971558 -2.024954  33 1 0 1.105101 2.632699 0.235331  34 1 0 -1.161390 -1.554974 -0.971109  35 1 0 -3.052586 2.216285 -1.443140  36 1 0 -5.497707 2.176964 -1.730772  37 1 0 -6.822519 0.271180 -0.871875  38 1 0 -2.062125 -1.709295 1.202501  39 1 0 -3.419727 -3.518664 2.117802  40 1 0 -5.867974 -3.614596 1.675767  41 1 0 -6.945834 -1.829442 0.352405  42 1 0 6.740609 1.375356 -0.532901  43 1 0 5.206413 2.882717 -1.757483  44 1 0 2.770329 2.477025 -1.711679  45 1 0 2.198679 -1.261030 1.286352  46 1 0 3.738193 -2.658993 2.567845  47 1 0 6.198878 -2.323849 2.390647  48 1 0 7.091863 -0.519735 0.960803  49 1 0 -2.477584 2.667206 1.007248  50 1 0 -2.669571 4.778102 1.619657  51 1 0 2.466165 -1.591499 -1.620266  52 1 0 2.665901 -3.685086 -2.300893  53 1 0 -1.094469 5.488262 2.069777  54 1 0 -1.806595 5.885703 0.514953  55 1 0 1.682902 -4.808839 -1.321212  56 1 0 1.121016 -4.337232 -2.916625 |
| TM\_NP\_model\_scan\_p\_40\_p\_140 | 1 6 0 -1.390291 0.643135 0.474632  2 6 0 -0.608584 1.732325 0.083388  3 6 0 0.784352 1.675469 -0.020047  4 6 0 1.454938 0.458588 0.256436  5 6 0 0.672833 -0.629273 0.656727  6 6 0 -0.718710 -0.570037 0.763357  7 6 0 2.938224 0.363059 0.373872  8 6 0 3.631151 1.372459 1.020746  9 6 0 5.029030 1.325141 1.197351  10 6 0 5.750452 0.268104 0.705653  11 6 0 5.104880 -0.769908 -0.012780  12 6 0 3.684470 -0.721369 -0.208633  13 6 0 3.093917 -1.732345 -1.015414  14 6 0 3.845906 -2.750719 -1.550795  15 6 0 5.236243 -2.818908 -1.314805  16 6 0 5.848466 -1.844096 -0.568084  17 6 0 -2.875293 0.792514 0.433608  18 6 0 -3.734803 -0.106868 -0.292769  19 6 0 -5.148445 0.142533 -0.301399  20 6 0 -5.663662 1.297005 0.339088  21 6 0 -4.816373 2.193890 0.937307  22 6 0 -3.430200 1.944395 0.966849  23 6 0 -3.256137 -1.199526 -1.067360  24 6 0 -4.116380 -2.030906 -1.743867  25 6 0 -5.511556 -1.819979 -1.691275  26 6 0 -6.010189 -0.750479 -0.991876  27 6 0 1.491240 2.858928 -0.558558  28 7 0 0.962831 4.014116 -0.574186  29 6 0 1.709630 5.096228 -1.183660  30 6 0 -1.430298 -1.732043 1.342073  31 7 0 -0.886528 -2.874271 1.448492  32 6 0 -1.646538 -3.936232 2.076327  33 1 0 -1.083594 2.662233 -0.200700  34 1 0 1.146681 -1.553908 0.959336  35 1 0 3.077512 2.191576 1.463693  36 1 0 5.523724 2.124516 1.737322  37 1 0 6.824547 0.215716 0.849014  38 1 0 2.033742 -1.691533 -1.223849  39 1 0 3.367689 -3.505314 -2.165075  40 1 0 5.816845 -3.631948 -1.735810  41 1 0 6.919873 -1.872515 -0.398827  42 1 0 -6.734675 1.469176 0.325504  43 1 0 -5.205218 3.093558 1.400511  44 1 0 -2.783036 2.649456 1.475599  45 1 0 -2.191560 -1.370541 -1.142764  46 1 0 -3.718622 -2.850451 -2.331795  47 1 0 -6.180580 -2.489358 -2.220115  48 1 0 -7.077675 -0.557171 -0.969915  49 1 0 2.490089 2.678903 -0.975710  50 1 0 2.694942 4.793573 -1.569523  51 1 0 -2.450147 -1.544648 1.701505  52 1 0 -2.653362 -3.630900 2.397957  53 1 0 1.123029 5.519279 -2.005428  54 1 0 1.845912 5.897819 -0.450776  55 1 0 -1.736427 -4.774722 1.378513  56 1 0 -1.093444 -4.308216 2.944645 |
| TM\_NP\_model\_scan\_p\_40\_p\_150 | 1 6 0 -1.392473 0.670520 0.503760  2 6 0 -0.595770 1.755309 0.123296  3 6 0 0.795805 1.689348 0.017007  4 6 0 1.457264 0.461839 0.266027  5 6 0 0.665266 -0.623656 0.651284  6 6 0 -0.724933 -0.552888 0.766405  7 6 0 2.939765 0.348787 0.371985  8 6 0 3.647455 1.338488 1.033267  9 6 0 5.045614 1.272307 1.201093  10 6 0 5.752323 0.216112 0.686694  11 6 0 5.091204 -0.801695 -0.046414  12 6 0 3.670464 -0.733511 -0.233707  13 6 0 3.064032 -1.723283 -1.054810  14 6 0 3.801351 -2.740739 -1.611908  15 6 0 5.191990 -2.829024 -1.384607  16 6 0 5.819371 -1.874457 -0.624397  17 6 0 -2.875736 0.825184 0.407866  18 6 0 -3.731856 -0.122787 -0.265705  19 6 0 -5.142308 0.142164 -0.330710  20 6 0 -5.655441 1.363087 0.171941  21 6 0 -4.805741 2.310843 0.681057  22 6 0 -3.427052 2.043813 0.775756  23 6 0 -3.256028 -1.272973 -0.954925  24 6 0 -4.114018 -2.146389 -1.579509  25 6 0 -5.508118 -1.925887 -1.558268  26 6 0 -6.004030 -0.798328 -0.955714  27 6 0 1.509822 2.876458 -0.504155  28 7 0 0.990308 4.035766 -0.497890  29 6 0 1.743336 5.122582 -1.091219  30 6 0 -1.430609 -1.705558 1.373536  31 7 0 -0.896972 -2.853077 1.471424  32 6 0 -1.646450 -3.899607 2.136914  33 1 0 -1.057200 2.691928 -0.158839  34 1 0 1.130438 -1.557152 0.939825  35 1 0 3.105459 2.155530 1.494076  36 1 0 5.552281 2.056201 1.752526  37 1 0 6.826502 0.149082 0.823180  38 1 0 2.003356 -1.666338 -1.256895  39 1 0 3.311247 -3.478822 -2.236782  40 1 0 5.760977 -3.641199 -1.822787  41 1 0 6.891259 -1.918122 -0.461537  42 1 0 -6.723293 1.545654 0.115820  43 1 0 -5.187530 3.264484 1.027337  44 1 0 -2.787486 2.791643 1.229335  45 1 0 -2.193312 -1.455511 -1.014965  46 1 0 -3.713368 -3.006376 -2.104305  47 1 0 -6.176342 -2.630188 -2.040665  48 1 0 -7.069031 -0.590989 -0.967984  49 1 0 2.505811 2.696127 -0.927845  50 1 0 2.725094 4.819162 -1.485398  51 1 0 -2.434693 -1.502498 1.767548  52 1 0 -2.636684 -3.578263 2.492607  53 1 0 1.157466 5.564109 -1.903749  54 1 0 1.888006 5.910388 -0.345115  55 1 0 -1.772924 -4.743229 1.451030  56 1 0 -1.066401 -4.270801 2.987798 |
| TM\_NP\_model\_scan\_p\_40\_p\_160 | 1 6 0 -1.394625 0.693774 0.522819  2 6 0 -0.579480 1.774088 0.160641  3 6 0 0.810943 1.699318 0.055778  4 6 0 1.462069 0.460565 0.272012  5 6 0 0.658045 -0.622872 0.635066  6 6 0 -0.730856 -0.540075 0.756982  7 6 0 2.943087 0.328963 0.370646  8 6 0 3.663591 1.294023 1.054239  9 6 0 5.061260 1.207683 1.216566  10 6 0 5.754556 0.156520 0.674291  11 6 0 5.080055 -0.835392 -0.081798  12 6 0 3.659726 -0.746501 -0.263196  13 6 0 3.039583 -1.708946 -1.106153  14 6 0 3.763675 -2.720629 -1.690456  15 6 0 5.153893 -2.830085 -1.469848  16 6 0 5.794288 -1.901756 -0.688272  17 6 0 -2.875126 0.858994 0.371376  18 6 0 -3.737432 -0.129549 -0.241682  19 6 0 -5.143371 0.149921 -0.353230  20 6 0 -5.642915 1.424323 0.008811  21 6 0 -4.780058 2.408153 0.415991  22 6 0 -3.410877 2.125168 0.569434  23 6 0 -3.275731 -1.332395 -0.846118  24 6 0 -4.140588 -2.242049 -1.406527  25 6 0 -5.532464 -2.010083 -1.403506  26 6 0 -6.014962 -0.829892 -0.899809  27 6 0 1.534025 2.893264 -0.436928  28 7 0 1.022728 4.055779 -0.403576  29 6 0 1.784487 5.151530 -0.968703  30 6 0 -1.429104 -1.684199 1.392103  31 7 0 -0.902383 -2.834781 1.489020  32 6 0 -1.639996 -3.866232 2.190417  33 1 0 -1.022888 2.720202 -0.115164  34 1 0 1.112515 -1.566539 0.907220  35 1 0 3.132109 2.105512 1.536636  36 1 0 5.578268 1.971787 1.785879  37 1 0 6.828244 0.074001 0.806082  38 1 0 1.979005 -1.634814 -1.303300  39 1 0 3.263464 -3.437443 -2.331856  40 1 0 5.712415 -3.637496 -1.929754  41 1 0 6.866077 -1.961549 -0.529928  42 1 0 -6.706504 1.617055 -0.082229  43 1 0 -5.144330 3.403928 0.641288  44 1 0 -2.773863 2.908755 0.960601  45 1 0 -2.216126 -1.528902 -0.900832  46 1 0 -3.744976 -3.139355 -1.868942  47 1 0 -6.207387 -2.743995 -1.829025  48 1 0 -7.076356 -0.607871 -0.938277  49 1 0 2.529462 2.716162 -0.863078  50 1 0 2.764921 4.850966 -1.368261  51 1 0 -2.418950 -1.467084 1.813668  52 1 0 -2.616391 -3.531804 2.571389  53 1 0 1.203509 5.617069 -1.771278  54 1 0 1.933127 5.919643 -0.203096  55 1 0 -1.794136 -4.717685 1.520006  56 1 0 -1.037818 -4.231335 3.028464 |
| TM\_NP\_model\_scan\_p\_50\_m\_0 | 1 6 0 -1.413678 0.421749 -0.301218  2 6 0 -0.931821 -0.870240 -0.026769  3 6 0 0.415064 -1.243276 -0.061177  4 6 0 1.399363 -0.261555 -0.295154  5 6 0 0.952497 1.044836 -0.502817  6 6 0 -0.395078 1.406107 -0.496894  7 6 0 2.842271 -0.584902 -0.475869  8 6 0 3.202265 -1.570488 -1.377906  9 6 0 4.552519 -1.891940 -1.627626  10 6 0 5.553000 -1.230119 -0.962756  11 6 0 5.243231 -0.232876 -0.003367  12 6 0 3.871993 0.093311 0.261926  13 6 0 3.599167 1.051385 1.276027  14 6 0 4.615803 1.675181 1.958874  15 6 0 5.965367 1.374540 1.671170  16 6 0 6.267637 0.437432 0.715266  17 6 0 -2.810025 0.742757 0.139335  18 6 0 -3.897709 -0.220241 0.044924  19 6 0 -5.192533 0.143199 0.551916  20 6 0 -5.441083 1.472469 0.975271  21 6 0 -4.461025 2.419457 0.856460  22 6 0 -3.173929 2.054795 0.414386  23 6 0 -3.807463 -1.485168 -0.602675  24 6 0 -4.862815 -2.367215 -0.630515  25 6 0 -6.088832 -2.046192 -0.013985  26 6 0 -6.248601 -0.805677 0.547881  27 6 0 0.766024 -2.636459 0.289343  28 7 0 -0.091652 -3.573543 0.267780  29 6 0 0.332420 -4.895727 0.682731  30 6 0 -0.687370 2.782657 -0.969705  31 7 0 0.106816 3.754004 -0.774827  32 6 0 -0.222143 5.034060 -1.370495  33 1 0 -1.606789 -1.640182 0.309535  34 1 0 1.664947 1.826814 -0.731224  35 1 0 2.427156 -2.079243 -1.939413  36 1 0 4.791128 -2.657246 -2.357467  37 1 0 6.594609 -1.464042 -1.156071  38 1 0 2.571695 1.287097 1.518891  39 1 0 4.379554 2.401153 2.728600  40 1 0 6.757901 1.877545 2.213670  41 1 0 7.300850 0.186966 0.498130  42 1 0 -6.425223 1.729113 1.352420  43 1 0 -4.652590 3.451442 1.127401  44 1 0 -2.412690 2.819021 0.460477  45 1 0 -2.904563 -1.759925 -1.125221  46 1 0 -4.749090 -3.314699 -1.144973  47 1 0 -6.905946 -2.758553 -0.020170  48 1 0 -7.202728 -0.512242 0.973169  49 1 0 1.805714 -2.814995 0.591074  50 1 0 1.393919 -4.952237 0.967459  51 1 0 -1.607900 2.902343 -1.557921  52 1 0 -1.168718 5.032432 -1.932457  53 1 0 -0.278926 -5.218761 1.531362  54 1 0 0.143321 -5.605893 -0.128493  55 1 0 -0.275713 5.794662 -0.585256  56 1 0 0.586834 5.335050 -2.043684 |
| TM\_NP\_model\_scan\_p\_50\_m\_10 | 1 6 0 -1.408058 0.386786 -0.209510  2 6 0 -0.919151 -0.899355 0.069328  3 6 0 0.431003 -1.256871 0.014347  4 6 0 1.398394 -0.267970 -0.265209  5 6 0 0.936565 1.029307 -0.495610  6 6 0 -0.414523 1.378039 -0.462918  7 6 0 2.840265 -0.582043 -0.473566  8 6 0 3.189055 -1.584013 -1.361733  9 6 0 4.536296 -1.899026 -1.635042  10 6 0 5.545340 -1.214592 -1.007120  11 6 0 5.248006 -0.199639 -0.062496  12 6 0 3.880072 0.120624 0.226248  13 6 0 3.621411 1.097956 1.225575  14 6 0 4.647282 1.744455 1.872507  15 6 0 5.992775 1.448987 1.561338  16 6 0 6.282071 0.494401 0.618827  17 6 0 -2.805609 0.707317 0.215055  18 6 0 -3.903850 -0.222903 0.029372  19 6 0 -5.209594 0.140137 0.505473  20 6 0 -5.437919 1.438967 1.024720  21 6 0 -4.425025 2.359588 1.038483  22 6 0 -3.131936 1.996421 0.613059  23 6 0 -3.799481 -1.457920 -0.670400  24 6 0 -4.869274 -2.313071 -0.796282  25 6 0 -6.120856 -1.990665 -0.232588  26 6 0 -6.284415 -0.780195 0.390924  27 6 0 0.807729 -2.638753 0.382749  28 7 0 -0.038062 -3.586629 0.398605  29 6 0 0.412776 -4.895677 0.826653  30 6 0 -0.751540 2.741564 -0.939311  31 7 0 0.054981 3.717219 -0.837379  32 6 0 -0.332519 4.985642 -1.422265  33 1 0 -1.590017 -1.669847 0.417220  34 1 0 1.636230 1.810947 -0.762023  35 1 0 2.406346 -2.111827 -1.894375  36 1 0 4.765460 -2.677864 -2.353511  37 1 0 6.584457 -1.443690 -1.218783  38 1 0 2.597464 1.330149 1.485921  39 1 0 4.421696 2.484671 2.631812  40 1 0 6.792634 1.970016 2.075331  41 1 0 7.312402 0.248143 0.383899  42 1 0 -6.430531 1.695784 1.378998  43 1 0 -4.599174 3.367227 1.398311  44 1 0 -2.344976 2.725540 0.744667  45 1 0 -2.869059 -1.727885 -1.146384  46 1 0 -4.747963 -3.240079 -1.345178  47 1 0 -6.951795 -2.681335 -0.320645  48 1 0 -7.252280 -0.491283 0.787287  49 1 0 1.856296 -2.798526 0.663444  50 1 0 1.481027 -4.933515 1.088401  51 1 0 -1.724441 2.849938 -1.437681  52 1 0 -1.327129 4.971855 -1.893767  53 1 0 -0.175292 -5.211985 1.694058  54 1 0 0.215272 -5.622232 0.032100  55 1 0 -0.316324 5.759977 -0.648803  56 1 0 0.409520 5.276706 -2.172536 |
| TM\_NP\_model\_scan\_p\_50\_m\_20 | 1 6 0 -1.402326 0.351595 -0.115906  2 6 0 -0.905209 -0.927959 0.167465  3 6 0 0.448016 -1.269532 0.092828  4 6 0 1.396774 -0.274874 -0.233689  5 6 0 0.918654 1.012713 -0.483816  6 6 0 -0.435362 1.348805 -0.423348  7 6 0 2.836468 -0.580014 -0.472232  8 6 0 3.172634 -1.598288 -1.346592  9 6 0 4.515517 -1.906528 -1.647646  10 6 0 5.533374 -1.198473 -1.061633  11 6 0 5.250099 -0.165294 -0.132580  12 6 0 3.886799 0.148141 0.184474  13 6 0 3.644225 1.145366 1.168095  14 6 0 4.679750 1.816292 1.773380  15 6 0 6.019707 1.527032 1.433763  16 6 0 6.294239 0.554151 0.505675  17 6 0 -2.805599 0.669301 0.282167  18 6 0 -3.907306 -0.226933 0.006551  19 6 0 -5.223843 0.133362 0.451999  20 6 0 -5.441843 1.393468 1.063670  21 6 0 -4.407346 2.280093 1.203637  22 6 0 -3.107041 1.921791 0.795941  23 6 0 -3.784397 -1.428101 -0.745893  24 6 0 -4.861628 -2.252753 -0.969960  25 6 0 -6.135657 -1.929356 -0.457820  26 6 0 -6.309081 -0.753908 0.227466  27 6 0 0.851911 -2.638110 0.481852  28 7 0 0.019028 -3.595367 0.544323  29 6 0 0.498722 -4.888492 0.988975  30 6 0 -0.813033 2.702897 -0.892284  31 7 0 -0.004723 3.682056 -0.861271  32 6 0 -0.441460 4.944428 -1.423823  33 1 0 -1.570831 -1.700052 0.525650  34 1 0 1.604598 1.793807 -0.785397  35 1 0 2.382016 -2.145454 -1.847052  36 1 0 4.733997 -2.699187 -2.354241  37 1 0 6.568972 -1.422218 -1.295151  38 1 0 2.624996 1.373305 1.449721  39 1 0 4.466300 2.571370 2.521491  40 1 0 6.827225 2.067500 1.914639  41 1 0 7.320604 0.312880 0.249187  42 1 0 -6.442482 1.648975 1.395761  43 1 0 -4.573438 3.255558 1.646461  44 1 0 -2.303261 2.615561 1.003475  45 1 0 -2.830083 -1.693371 -1.176483  46 1 0 -4.729862 -3.156290 -1.554447  47 1 0 -6.974219 -2.595130 -0.627670  48 1 0 -7.289984 -0.470374 0.594613  49 1 0 1.909904 -2.778505 0.736256  50 1 0 1.574410 -4.907261 1.220711  51 1 0 -1.822246 2.803648 -1.313131  52 1 0 -1.468286 4.922824 -1.819754  53 1 0 -0.060369 -5.191888 1.879848  54 1 0 0.288090 -5.635593 0.217182  55 1 0 -0.371991 5.723865 -0.658428  56 1 0 0.241261 5.234277 -2.228895 |
| TM\_NP\_model\_scan\_p\_50\_m\_30 | 1 6 0 1.397197 0.322830 0.023153  2 6 0 0.891097 -0.950051 -0.263448  3 6 0 -0.464508 -1.276914 -0.168374  4 6 0 -1.393941 -0.278227 0.203404  5 6 0 -0.899385 0.999720 0.470017  6 6 0 0.456634 1.324273 0.380934  7 6 0 -2.830403 -0.576071 0.471717  8 6 0 -3.153781 -1.610106 1.332266  9 6 0 -4.491370 -1.913917 1.660129  10 6 0 -5.517260 -1.184868 1.115398  11 6 0 -5.248096 -0.134000 0.202128  12 6 0 -3.890393 0.174794 -0.142482  13 6 0 -3.663877 1.191132 -1.110315  14 6 0 -4.708206 1.883904 -1.674383  15 6 0 -6.041732 1.598757 -1.307028  16 6 0 -6.301462 0.608124 -0.393593  17 6 0 2.808519 0.632290 -0.346960  18 6 0 3.905434 -0.229177 0.021505  19 6 0 5.232644 0.117991 -0.399888  20 6 0 5.452621 1.326078 -1.108367  21 6 0 4.408989 2.174397 -1.371624  22 6 0 3.100026 1.831383 -0.977281  23 6 0 3.758068 -1.386243 0.835214  24 6 0 4.833537 -2.180126 1.156162  25 6 0 6.126555 -1.865213 0.686323  26 6 0 6.317776 -0.734755 -0.066992  27 6 0 -0.894473 -2.632146 -0.575914  28 7 0 -0.074805 -3.596695 -0.683899  29 6 0 -0.581766 -4.873972 -1.143549  30 6 0 0.871196 2.671455 0.834739  31 7 0 0.063237 3.650759 0.875131  32 6 0 0.544900 4.910231 1.406173  33 1 0 1.550403 -1.724255 -0.631557  34 1 0 -1.571065 1.780058 0.804081  35 1 0 -2.355905 -2.174538 1.801021  36 1 0 -4.699080 -2.720071 2.354610  37 1 0 -6.548624 -1.405094 1.370048  38 1 0 -2.650028 1.416292 -1.412789  39 1 0 -4.506951 2.653320 -2.411194  40 1 0 -6.856220 2.156564 -1.755236  41 1 0 -7.323131 0.370131 -0.116148  42 1 0 6.461162 1.572353 -1.423161  43 1 0 4.577206 3.106887 -1.898328  44 1 0 2.288602 2.491109 -1.257993  45 1 0 2.783653 -1.640310 1.227431  46 1 0 4.686882 -3.052588 1.782811  47 1 0 6.964770 -2.505476 0.937002  48 1 0 7.310804 -0.463749 -0.410233  49 1 0 -1.960651 -2.755042 -0.803857  50 1 0 -1.663751 -4.875907 -1.344848  51 1 0 1.911046 2.769978 1.172044  52 1 0 1.601051 4.887240 1.715216  53 1 0 -0.051568 -5.163123 -2.056569  54 1 0 -0.357961 -5.640756 -0.395119  55 1 0 0.411914 5.693495 0.653174  56 1 0 -0.068809 5.195584 2.266572 |
| TM\_NP\_model\_scan\_p\_50\_m\_40 | 1 6 0 1.391985 0.300553 -0.066514  2 6 0 0.876172 -0.965594 -0.355600  3 6 0 -0.480737 -1.280085 -0.237189  4 6 0 -1.391114 -0.278538 0.175111  5 6 0 -0.880159 0.989692 0.456454  6 6 0 0.477130 1.303292 0.341178  7 6 0 -2.824053 -0.569105 0.471175  8 6 0 -3.137437 -1.616428 1.319167  9 6 0 -4.470110 -1.915637 1.670516  10 6 0 -5.501490 -1.168636 1.161706  11 6 0 -5.243388 -0.103543 0.261831  12 6 0 -3.890895 0.200804 -0.106411  13 6 0 -3.676971 1.232376 -1.060989  14 6 0 -4.727449 1.943051 -1.590229  15 6 0 -6.055081 1.661799 -1.199217  16 6 0 -6.303192 0.657260 -0.297822  17 6 0 2.812888 0.598428 -0.407735  18 6 0 3.898810 -0.227662 0.050005  19 6 0 5.236042 0.097121 -0.355642  20 6 0 5.467493 1.242632 -1.158440  21 6 0 4.424864 2.049801 -1.534091  22 6 0 3.106622 1.729611 -1.150030  23 6 0 3.724155 -1.332394 0.928013  24 6 0 4.791203 -2.095616 1.338009  25 6 0 6.099573 -1.797984 0.898699  26 6 0 6.313093 -0.720614 0.076290  27 6 0 -0.933907 -2.624813 -0.654370  28 7 0 -0.126824 -3.595562 -0.796071  29 6 0 -0.657656 -4.861366 -1.260313  30 6 0 0.924085 2.644267 0.779173  31 7 0 0.120421 3.621793 0.890234  32 6 0 0.641388 4.879448 1.386895  33 1 0 1.527939 -1.741991 -0.734273  34 1 0 -1.537396 1.769111 0.820260  35 1 0 -2.334460 -2.195820 1.760113  36 1 0 -4.669374 -2.732807 2.354526  37 1 0 -6.528886 -1.385333 1.434755  38 1 0 -2.667978 1.454812 -1.381213  39 1 0 -4.535864 2.723691 -2.317769  40 1 0 -6.874430 2.233677 -1.619994  41 1 0 -7.320570 0.422396 -0.002528  42 1 0 6.483572 1.473217 -1.460707  43 1 0 4.602583 2.931175 -2.139825  44 1 0 2.294895 2.355911 -1.500490  45 1 0 2.733572 -1.570106 1.290485  46 1 0 4.627075 -2.930522 2.009879  47 1 0 6.931654 -2.412538 1.223353  48 1 0 7.316581 -0.468493 -0.250525  49 1 0 -2.006418 -2.734030 -0.858340  50 1 0 -1.744134 -4.850035 -1.435478  51 1 0 1.987166 2.742661 1.032521  52 1 0 1.719114 4.857192 1.609148  53 1 0 -0.152288 -5.143553 -2.189443  54 1 0 -0.423812 -5.640270 -0.527602  55 1 0 0.446498 5.665891 0.650851  56 1 0 0.098617 5.159440 2.295384 |
| TM\_NP\_model\_scan\_p\_50\_m\_50 | 1 6 0 1.388095 -0.274136 0.163201  2 6 0 0.858821 0.984852 0.450724  3 6 0 -0.499341 1.284909 0.307414  4 6 0 -1.387960 0.278841 -0.141954  5 6 0 -0.857977 -0.979874 -0.430349  6 6 0 0.500087 -1.280168 -0.286086  7 6 0 -2.816373 0.559246 -0.469759  8 6 0 -3.119547 1.615489 -1.310273  9 6 0 -4.446094 1.906439 -1.690615  10 6 0 -5.481988 1.141656 -1.218791  11 6 0 -5.235185 0.066277 -0.328018  12 6 0 -3.889236 -0.229459 0.069914  13 6 0 -3.688470 -1.272548 1.014820  14 6 0 -4.744269 -2.001865 1.506776  15 6 0 -6.064538 -1.728798 1.086124  16 6 0 -6.300565 -0.713695 0.193356  17 6 0 2.818862 -0.552442 0.483252  18 6 0 3.887585 0.224143 -0.080683  19 6 0 5.236768 -0.067161 0.309244  20 6 0 5.489660 -1.125330 1.218773  21 6 0 4.456612 -1.877480 1.716594  22 6 0 3.126959 -1.591280 1.343098  23 6 0 3.678493 1.251208 -1.041118  24 6 0 4.730566 1.968870 -1.557537  25 6 0 6.054743 1.699443 -1.146748  26 6 0 6.298213 0.700348 -0.237998  27 6 0 -0.977961 2.619051 0.730288  28 7 0 -0.185525 3.595847 0.908467  29 6 0 -0.742665 4.849725 1.374136  30 6 0 0.979540 -2.615240 -0.704602  31 7 0 0.186663 -3.590541 -0.888865  32 6 0 0.745257 -4.846188 -1.347890  33 1 0 1.500065 1.766171 0.838532  34 1 0 -1.498215 -1.760731 -0.820582  35 1 0 -2.312027 2.209268 -1.722860  36 1 0 -4.636639 2.731484 -2.367628  37 1 0 -6.504437 1.351755 -1.514588  38 1 0 -2.685500 -1.489091 1.357315  39 1 0 -4.562823 -2.791066 2.227662  40 1 0 -6.888028 -2.315395 1.477537  41 1 0 -7.312585 -0.485124 -0.124406  42 1 0 6.514479 -1.332320 1.508526  43 1 0 4.652051 -2.688980 2.408427  44 1 0 2.321750 -2.175497 1.773636  45 1 0 2.671897 1.464557 -1.375091  46 1 0 4.543208 2.746013 -2.289919  47 1 0 6.875366 2.276574 -1.557764  48 1 0 7.313121 0.475461 0.073132  49 1 0 -2.056816 2.714652 0.905561  50 1 0 -1.833502 4.824986 1.518164  51 1 0 2.059749 -2.713227 -0.869910  52 1 0 1.837348 -4.823866 -1.482442  53 1 0 -0.266710 5.124551 2.320841  54 1 0 -0.496440 5.640787 0.658702  55 1 0 0.491182 -5.635724 -0.633509  56 1 0 0.276984 -5.121382 -2.298309 |
| TM\_NP\_model\_scan\_p\_50\_m\_60 | 1 6 0 1.385531 -0.237042 0.259684  2 6 0 0.836986 1.014146 0.537963  3 6 0 -0.522607 1.295040 0.367237  4 6 0 -1.385534 0.279182 -0.110644  5 6 0 -0.832188 -0.970219 -0.395113  6 6 0 0.526429 -1.252255 -0.219020  7 6 0 -2.809478 0.542460 -0.471784  8 6 0 -3.106295 1.600317 -1.312487  9 6 0 -4.426895 1.876106 -1.723534  10 6 0 -5.463636 1.094299 -1.282453  11 6 0 -5.224162 0.016369 -0.392811  12 6 0 -3.884540 -0.263824 0.036427  13 6 0 -3.693024 -1.310493 0.979357  14 6 0 -4.750568 -2.057489 1.440012  15 6 0 -6.063619 -1.799583 0.988315  16 6 0 -6.291349 -0.781606 0.096683  17 6 0 2.825864 -0.485456 0.570780  18 6 0 3.873048 0.217048 -0.112544  19 6 0 5.234248 -0.027907 0.265899  20 6 0 5.515471 -0.963130 1.294187  21 6 0 4.498518 -1.638535 1.919573  22 6 0 3.156865 -1.398931 1.553406  23 6 0 3.626110 1.130482 -1.173218  24 6 0 4.658344 1.779949 -1.806408  25 6 0 5.996989 1.551526 -1.417038  26 6 0 6.274681 0.665491 -0.406262  27 6 0 -1.030331 2.619392 0.786918  28 7 0 -0.256171 3.604634 0.996287  29 6 0 -0.842778 4.847339 1.455438  30 6 0 1.039711 -2.582877 -0.607868  31 7 0 0.265852 -3.555363 -0.871009  32 6 0 0.862436 -4.810418 -1.280738  33 1 0 1.463193 1.804641 0.932527  34 1 0 -1.452181 -1.757741 -0.804367  35 1 0 -2.297048 2.207617 -1.701346  36 1 0 -4.611876 2.703142 -2.399663  37 1 0 -6.481242 1.292649 -1.602083  38 1 0 -2.695920 -1.515777 1.345173  39 1 0 -4.576320 -2.849128 2.160014  40 1 0 -6.888387 -2.400113 1.355142  41 1 0 -7.298200 -0.564614 -0.244712  42 1 0 6.548995 -1.136568 1.575003  43 1 0 4.716563 -2.353533 2.704830  44 1 0 2.363853 -1.924781 2.073304  45 1 0 2.605810 1.310865 -1.485507  46 1 0 4.444946 2.471638 -2.613550  47 1 0 6.801878 2.073107 -1.922596  48 1 0 7.300507 0.477138 -0.106843  49 1 0 -2.114862 2.699845 0.932069  50 1 0 -1.936837 4.807311 1.568387  51 1 0 2.130465 -2.682051 -0.672475  52 1 0 1.962261 -4.789469 -1.313889  53 1 0 -0.397302 5.120931 2.417220  54 1 0 -0.586991 5.647207 0.753243  55 1 0 0.542319 -5.601749 -0.595435  56 1 0 0.483241 -5.081733 -2.271143 |
| TM\_NP\_model\_scan\_p\_50\_m\_70 | 1 6 0 -1.383394 -0.165066 -0.352969  2 6 0 -0.803939 1.075496 -0.608494  3 6 0 0.558639 1.323396 -0.407475  4 6 0 1.386759 0.284978 0.083608  5 6 0 0.799833 -0.953923 0.346361  6 6 0 -0.560401 -1.203368 0.136311  7 6 0 2.807367 0.513512 0.480643  8 6 0 3.107349 1.558784 1.335796  9 6 0 4.423282 1.801246 1.781434  10 6 0 5.452495 0.998632 1.360622  11 6 0 5.210600 -0.067399 0.457350  12 6 0 3.876135 -0.313330 -0.007293  13 6 0 3.684361 -1.348319 -0.963005  14 6 0 4.735657 -2.116386 -1.402866  15 6 0 6.042426 -1.892650 -0.916131  16 6 0 6.271053 -0.886614 -0.011269  17 6 0 -2.831887 -0.371313 -0.667611  18 6 0 -3.858914 0.211043 0.143651  19 6 0 -5.230158 0.012990 -0.224652  20 6 0 -5.538059 -0.754337 -1.377079  21 6 0 -4.537371 -1.309734 -2.133223  22 6 0 -3.185416 -1.117261 -1.774405  23 6 0 -3.578295 0.964159 1.315853  24 6 0 -4.591460 1.502220 2.072133  25 6 0 -5.941757 1.315789 1.699898  26 6 0 -6.250283 0.586613 0.578495  27 6 0 1.106251 2.637856 -0.807331  28 7 0 0.359771 3.640137 -1.035579  29 6 0 0.986036 4.871076 -1.473325  30 6 0 -1.115613 -2.529083 0.479564  31 7 0 -0.375831 -3.509274 0.804406  32 6 0 -1.016161 -4.761988 1.149952  33 1 0 -1.406619 1.884346 -1.002842  34 1 0 1.393017 -1.758912 0.761448  35 1 0 2.302809 2.181833 1.709214  36 1 0 4.610222 2.619339 2.467831  37 1 0 6.466095 1.171209 1.706818  38 1 0 2.692257 -1.527589 -1.355211  39 1 0 4.561466 -2.898392 -2.133346  40 1 0 6.862030 -2.509804 -1.266581  41 1 0 7.273721 -0.695517 0.356855  42 1 0 -6.578932 -0.894883 -1.649107  43 1 0 -4.776363 -1.894907 -3.014079  44 1 0 -2.405048 -1.551972 -2.389111  45 1 0 -2.547257 1.111109 1.611218  46 1 0 -4.354816 2.073699 2.962593  47 1 0 -6.731422 1.747855 2.304251  48 1 0 -7.285032 0.434980 0.289088  49 1 0 2.195941 2.695426 -0.921227  50 1 0 2.081708 4.807422 -1.556001  51 1 0 -2.208752 -2.618799 0.447652  52 1 0 -2.114291 -4.731944 1.084896  53 1 0 0.573699 5.157563 -2.446094  54 1 0 0.728272 5.674041 -0.775414  55 1 0 -0.642137 -5.551133 0.489915  56 1 0 -0.728944 -5.043117 2.168184 |
| TM\_NP\_model\_scan\_p\_50\_m\_80 | 1 6 0 -1.382428 -0.072809 -0.432135  2 6 0 -0.766875 1.156884 -0.647361  3 6 0 0.598563 1.362553 -0.416483  4 6 0 1.388914 0.290542 0.064116  5 6 0 0.765379 -0.939448 0.282061  6 6 0 -0.596759 -1.146197 0.040794  7 6 0 2.805734 0.471921 0.497807  8 6 0 3.112010 1.486405 1.387144  9 6 0 4.423007 1.683265 1.868346  10 6 0 5.441342 0.866362 1.448552  11 6 0 5.193881 -0.168192 0.510829  12 6 0 3.864684 -0.367452 0.010121  13 6 0 3.669359 -1.369685 -0.979173  14 6 0 4.711348 -2.150795 -1.418223  15 6 0 6.011758 -1.973993 -0.896367  16 6 0 6.244292 -1.000256 0.042194  17 6 0 -2.838245 -0.224389 -0.751154  18 6 0 -3.843826 0.196289 0.176916  19 6 0 -5.223904 0.058994 -0.184342  20 6 0 -5.560665 -0.488947 -1.448631  21 6 0 -4.579111 -0.887860 -2.319825  22 6 0 -3.217682 -0.754614 -1.967232  23 6 0 -3.530058 0.738165 1.452613  24 6 0 -4.522277 1.127289 2.319941  25 6 0 -5.882309 0.996079 1.959387  26 6 0 -6.221762 0.473859 0.735865  27 6 0 1.188534 2.671137 -0.772418  28 7 0 0.473163 3.696435 -0.998335  29 6 0 1.140930 4.920724 -1.390942  30 6 0 -1.193658 -2.469076 0.317335  31 7 0 -0.492766 -3.468448 0.668572  32 6 0 -1.172624 -4.720253 0.931788  33 1 0 -1.342414 1.992558 -1.025996  34 1 0 1.330000 -1.771750 0.683022  35 1 0 2.314776 2.119458 1.759389  36 1 0 4.614547 2.477726 2.580741  37 1 0 6.450784 1.003918 1.821570  38 1 0 2.682263 -1.512465 -1.398149  39 1 0 4.534870 -2.906697 -2.175156  40 1 0 6.823827 -2.601191 -1.246510  41 1 0 7.242789 -0.844744 0.437433  42 1 0 -6.608075 -0.586446 -1.714338  43 1 0 -4.840434 -1.304475 -3.286057  44 1 0 -2.452923 -1.068173 -2.669132  45 1 0 -2.490471 0.844234 1.736343  46 1 0 -4.261803 1.538700 3.288651  47 1 0 -6.655255 1.308608 2.652489  48 1 0 -7.264158 0.369147 0.453192  49 1 0 2.281934 2.703898 -0.856064  50 1 0 2.236269 4.830449 -1.449940  51 1 0 -2.283194 -2.540385 0.206387  52 1 0 -2.262932 -4.671262 0.791227  53 1 0 0.759142 5.241637 -2.365422  54 1 0 0.887455 5.712908 -0.679231  55 1 0 -0.764022 -5.495758 0.276066  56 1 0 -0.961044 -5.034805 1.958690 |
| TM\_NP\_model\_scan\_p\_50\_m\_90 | 1 6 0 -1.380791 0.050935 -0.482151  2 6 0 -0.725048 1.269309 -0.629947  3 6 0 0.643509 1.420188 -0.374061  4 6 0 1.393982 0.301450 0.060943  5 6 0 0.731036 -0.919107 0.205304  6 6 0 -0.633120 -1.070740 -0.062394  7 6 0 2.808452 0.416629 0.524145  8 6 0 3.130128 1.373609 1.469925  9 6 0 4.438202 1.504358 1.980753  10 6 0 5.438480 0.679603 1.533682  11 6 0 5.176119 -0.295542 0.538182  12 6 0 3.850071 -0.427128 0.007587  13 6 0 3.641817 -1.367624 -1.037996  14 6 0 4.667578 -2.154584 -1.503999  15 6 0 5.963750 -2.046047 -0.953675  16 6 0 6.209174 -1.132475 0.040427  17 6 0 -2.841499 -0.032822 -0.805705  18 6 0 -3.832243 0.171206 0.207287  19 6 0 -5.217748 0.101268 -0.151869  20 6 0 -5.574258 -0.166338 -1.498662  21 6 0 -4.606469 -0.356333 -2.451881  22 6 0 -3.239322 -0.288814 -2.101459  23 6 0 -3.497400 0.439869 1.561802  24 6 0 -4.475320 0.628187 2.508641  25 6 0 -5.841024 0.559373 2.152311  26 6 0 -6.200433 0.302398 0.852306  27 6 0 1.277819 2.725867 -0.656150  28 7 0 0.597051 3.781147 -0.848803  29 6 0 1.308182 5.001931 -1.169362  30 6 0 -1.270200 -2.391642 0.116558  31 7 0 -0.611303 -3.419798 0.465747  32 6 0 -1.326938 -4.669736 0.620138  33 1 0 -1.270986 2.141906 -0.966745  34 1 0 1.265719 -1.789470 0.564420  35 1 0 2.345918 2.010548 1.862585  36 1 0 4.641582 2.253918 2.737157  37 1 0 6.445213 0.766185 1.928694  38 1 0 2.658150 -1.456922 -1.479189  39 1 0 4.481654 -2.861976 -2.304311  40 1 0 6.762816 -2.677315 -1.325711  41 1 0 7.205210 -1.028836 0.458261  42 1 0 -6.625791 -0.216790 -1.761189  43 1 0 -4.882950 -0.558845 -3.480467  44 1 0 -2.485154 -0.440019 -2.865729  45 1 0 -2.453067 0.498943 1.842013  46 1 0 -4.199168 0.833425 3.536808  47 1 0 -6.602713 0.711454 2.908778  48 1 0 -7.247424 0.249495 0.572100  49 1 0 2.373264 2.730453 -0.715601  50 1 0 2.401457 4.881689 -1.210480  51 1 0 -2.350937 -2.436350 -0.069612  52 1 0 -2.404546 -4.593002 0.411058  53 1 0 0.957004 5.379483 -2.135048  54 1 0 1.062512 5.767086 -0.426056  55 1 0 -0.887987 -5.419460 -0.045888  56 1 0 -1.188940 -5.038529 1.641479 |
| TM\_NP\_model\_scan\_p\_50\_m\_100 | 1 6 0 -1.377118 0.184309 -0.491410  2 6 0 -0.683857 1.388847 -0.559850  3 6 0 0.687339 1.482171 -0.289990  4 6 0 1.401789 0.316399 0.075654  5 6 0 0.702322 -0.890956 0.137035  6 6 0 -0.663403 -0.984866 -0.146193  7 6 0 2.816366 0.357779 0.550853  8 6 0 3.162591 1.241499 1.557186  9 6 0 4.470952 1.296491 2.081155  10 6 0 5.447089 0.470047 1.586362  11 6 0 5.160208 -0.429479 0.528472  12 6 0 3.834051 -0.483574 -0.015195  13 6 0 3.602962 -1.346489 -1.121168  14 6 0 4.606242 -2.133727 -1.633340  15 6 0 5.901595 -2.103153 -1.071324  16 6 0 6.169418 -1.264846 -0.018444  17 6 0 -2.840080 0.169766 -0.811310  18 6 0 -3.825038 0.135551 0.228055  19 6 0 -5.212762 0.131610 -0.129613  20 6 0 -5.577930 0.170813 -1.499920  21 6 0 -4.616532 0.217468 -2.476877  22 6 0 -3.247278 0.217759 -2.128663  23 6 0 -3.483768 0.115167 1.607317  24 6 0 -4.456564 0.081181 2.577448  25 6 0 -5.824053 0.067782 2.222131  26 6 0 -6.189944 0.094371 0.899088  27 6 0 1.361363 2.783758 -0.485134  28 7 0 0.713365 3.868853 -0.615198  29 6 0 1.462945 5.085332 -0.854637  30 6 0 -1.333745 -2.299987 -0.081075  31 7 0 -0.715244 -3.360039 0.245800  32 6 0 -1.458479 -4.603057 0.275212  33 1 0 -1.202811 2.298197 -0.836720  34 1 0 1.209978 -1.799341 0.436285  35 1 0 2.396549 1.876563 1.987001  36 1 0 4.693276 1.988678 2.885386  37 1 0 6.453360 0.497877 1.990909  38 1 0 2.620128 -1.374875 -1.572136  39 1 0 4.403323 -2.780715 -2.479336  40 1 0 6.682634 -2.733966 -1.480566  41 1 0 7.165565 -1.220716 0.409517  42 1 0 -6.631053 0.167367 -1.760963  43 1 0 -4.899687 0.252059 -3.522860  44 1 0 -2.498518 0.249326 -2.912208  45 1 0 -2.438860 0.133773 1.891094  46 1 0 -4.174373 0.068431 3.624230  47 1 0 -6.581490 0.040950 2.997387  48 1 0 -7.238267 0.090374 0.618963  49 1 0 2.456970 2.759812 -0.537362  50 1 0 2.552771 4.935745 -0.890323  51 1 0 -2.400864 -2.311945 -0.336740  52 1 0 -2.518336 -4.493324 0.000554  53 1 0 1.135412 5.528795 -1.800434  54 1 0 1.229351 5.812396 -0.070392  55 1 0 -0.987119 -5.319421 -0.405236  56 1 0 -1.394861 -5.035527 1.278779 |
| TM\_NP\_model\_scan\_p\_50\_m\_110 | 1 6 0 -1.375470 0.289064 -0.477835  2 6 0 -0.653713 1.479519 -0.473310  3 6 0 0.719212 1.526471 -0.201760  4 6 0 1.407666 0.326003 0.093976  5 6 0 0.682070 -0.867374 0.078169  6 6 0 -0.684415 -0.915019 -0.212016  7 6 0 2.821739 0.307418 0.571561  8 6 0 3.185505 1.121408 1.629278  9 6 0 4.493477 1.115073 2.157106  10 6 0 5.451714 0.297211 1.615385  11 6 0 5.147197 -0.530601 0.505161  12 6 0 3.821775 -0.521153 -0.042847  13 6 0 3.574567 -1.309527 -1.199817  14 6 0 4.560973 -2.087587 -1.756824  15 6 0 5.854730 -2.121627 -1.191367  16 6 0 6.138514 -1.354785 -0.089320  17 6 0 -2.840819 0.337865 -0.775882  18 6 0 -3.821214 0.087365 0.239728  19 6 0 -5.210773 0.165962 -0.102777  20 6 0 -5.584307 0.505800 -1.428394  21 6 0 -4.628429 0.765933 -2.376756  22 6 0 -3.258089 0.683614 -2.045701  23 6 0 -3.475955 -0.216558 1.584471  24 6 0 -4.444943 -0.452813 2.529867  25 6 0 -5.813705 -0.394815 2.184492  26 6 0 -6.184151 -0.088485 0.898632  27 6 0 1.421722 2.822233 -0.320583  28 7 0 0.798077 3.926922 -0.391190  29 6 0 1.574882 5.138003 -0.561160  30 6 0 -1.371529 -2.222802 -0.260537  31 7 0 -0.785645 -3.307157 0.045815  32 6 0 -1.538629 -4.541043 -0.049461  33 1 0 -1.153059 2.416553 -0.686541  34 1 0 1.170485 -1.804221 0.315156  35 1 0 2.433164 1.746678 2.096121  36 1 0 4.729294 1.752957 3.001408  37 1 0 6.457173 0.277552 2.022419  38 1 0 2.593112 -1.286921 -1.654132  39 1 0 4.346000 -2.677092 -2.641001  40 1 0 6.622187 -2.744805 -1.636434  41 1 0 7.134025 -1.359754 0.342350  42 1 0 -6.639054 0.562135 -1.676292  43 1 0 -4.916826 1.032380 -3.387312  44 1 0 -2.513838 0.882381 -2.808637  45 1 0 -2.430747 -0.252345 1.864403  46 1 0 -4.158375 -0.680628 3.550394  47 1 0 -6.568272 -0.585343 2.939354  48 1 0 -7.233437 -0.031472 0.628006  49 1 0 2.516714 2.777279 -0.371746  50 1 0 2.661449 4.966980 -0.599577  51 1 0 -2.418658 -2.207592 -0.588041  52 1 0 -2.575883 -4.402984 -0.389621  53 1 0 1.262716 5.638213 -1.483582  54 1 0 1.352118 5.827162 0.259577  55 1 0 -1.026516 -5.222308 -0.736484  56 1 0 -1.548405 -5.031686 0.928971 |
| TM\_NP\_model\_scan\_p\_50\_m\_120 | 1 6 0 -1.372834 0.361727 -0.465553  2 6 0 -0.629145 1.538718 -0.413142  3 6 0 0.743931 1.553412 -0.141020  4 6 0 1.412924 0.332115 0.109771  5 6 0 0.667215 -0.847278 0.047984  6 6 0 -0.699344 -0.862442 -0.244473  7 6 0 2.826464 0.271269 0.584853  8 6 0 3.205834 1.038646 1.671603  9 6 0 4.514574 0.990424 2.195375  10 6 0 5.458190 0.178362 1.620278  11 6 0 5.138074 -0.600899 0.479712  12 6 0 3.811878 -0.548727 -0.063907  13 6 0 3.549948 -1.286473 -1.250689  14 6 0 4.522639 -2.057485 -1.840607  15 6 0 5.816669 -2.134863 -1.280083  16 6 0 6.114776 -1.416907 -0.149252  17 6 0 -2.840439 0.456367 -0.731666  18 6 0 -3.818564 0.043500 0.234696  19 6 0 -5.209526 0.185550 -0.083175  20 6 0 -5.588705 0.757047 -1.324560  21 6 0 -4.636579 1.189371 -2.211714  22 6 0 -3.266290 1.043699 -1.907986  23 6 0 -3.474472 -0.468831 1.515397  24 6 0 -4.442720 -0.852425 2.412048  25 6 0 -5.811801 -0.742761 2.081698  26 6 0 -6.182259 -0.230618 0.863476  27 6 0 1.466244 2.842030 -0.208335  28 7 0 0.859654 3.957978 -0.239565  29 6 0 1.655292 5.162723 -0.359692  30 6 0 -1.394247 -2.161165 -0.374396  31 7 0 -0.836242 -3.260980 -0.071344  32 6 0 -1.590473 -4.483413 -0.260051  33 1 0 -1.113169 2.492748 -0.581414  34 1 0 1.140767 -1.800822 0.245200  35 1 0 2.465060 1.657963 2.164185  36 1 0 4.762597 1.591616 3.062793  37 1 0 6.463976 0.126815 2.023715  38 1 0 2.568277 -1.229722 -1.701569  39 1 0 4.296580 -2.607658 -2.747092  40 1 0 6.573128 -2.752213 -1.751320  41 1 0 7.110891 -1.454848 0.279375  42 1 0 -6.644479 0.856701 -1.553673  43 1 0 -4.928326 1.639262 -3.153940  44 1 0 -2.525869 1.375133 -2.627184  45 1 0 -2.430723 -0.546203 1.790605  46 1 0 -4.154295 -1.235824 3.384323  47 1 0 -6.565665 -1.052942 2.796468  48 1 0 -7.231470 -0.126655 0.607005  49 1 0 2.560597 2.782489 -0.256921  50 1 0 2.739265 4.976799 -0.401595  51 1 0 -2.418829 -2.125599 -0.765288  52 1 0 -2.602361 -4.322738 -0.661032  53 1 0 1.354098 5.703424 -1.262707  54 1 0 1.440161 5.822505 0.486809  55 1 0 -1.040022 -5.144482 -0.937042  56 1 0 -1.667586 -5.008772 0.697131 |
| TM\_NP\_model\_scan\_p\_50\_m\_130 | 1 6 0 -1.374063 0.408707 -0.474114  2 6 0 -0.614656 1.575608 -0.391809  3 6 0 0.757905 1.570636 -0.120315  4 6 0 1.413904 0.338333 0.109233  5 6 0 0.655849 -0.830964 0.017604  6 6 0 -0.709696 -0.826376 -0.279503  7 6 0 2.824114 0.253624 0.589758  8 6 0 3.205029 0.995423 1.693721  9 6 0 4.510329 0.923901 2.223288  10 6 0 5.449073 0.114062 1.637194  11 6 0 5.127547 -0.639432 0.479829  12 6 0 3.804946 -0.563366 -0.069729  13 6 0 3.542392 -1.275186 -1.272113  14 6 0 4.510608 -2.044459 -1.871611  15 6 0 5.800643 -2.145799 -1.305743  16 6 0 6.099549 -1.452890 -0.159606  17 6 0 -2.846194 0.536437 -0.692169  18 6 0 -3.813764 -0.000920 0.226461  19 6 0 -5.208861 0.197231 -0.043502  20 6 0 -5.604547 0.957015 -1.173175  21 6 0 -4.663321 1.524057 -1.993376  22 6 0 -3.291085 1.320455 -1.741878  23 6 0 -3.460660 -0.676945 1.426775  24 6 0 -4.420206 -1.172841 2.276492  25 6 0 -5.792414 -1.020597 1.978890  26 6 0 -6.172897 -0.344177 0.847451  27 6 0 1.492792 2.853449 -0.159144  28 7 0 0.897384 3.975704 -0.174516  29 6 0 1.705453 5.174575 -0.267335  30 6 0 -1.401708 -2.119184 -0.475553  31 7 0 -0.862246 -3.228884 -0.175537  32 6 0 -1.606676 -4.443141 -0.440919  33 1 0 -1.087672 2.540109 -0.527768  34 1 0 1.119184 -1.794058 0.191219  35 1 0 2.467701 1.612106 2.194696  36 1 0 4.759468 1.505323 3.103764  37 1 0 6.452071 0.044590 2.044867  38 1 0 2.563939 -1.199719 -1.727239  39 1 0 4.284094 -2.574633 -2.789822  40 1 0 6.553494 -2.761600 -1.784711  41 1 0 7.092788 -1.509214 0.273652  42 1 0 -6.663211 1.096600 -1.364879  43 1 0 -4.965530 2.124288 -2.844046  44 1 0 -2.561981 1.755469 -2.415850  45 1 0 -2.416167 -0.789111 1.684102  46 1 0 -4.121010 -1.678035 3.187931  47 1 0 -6.539640 -1.423596 2.653145  48 1 0 -7.224159 -0.198964 0.621180  49 1 0 2.586810 2.784099 -0.201394  50 1 0 2.787789 4.978811 -0.306274  51 1 0 -2.404357 -2.069398 -0.918269  52 1 0 -2.594437 -4.268064 -0.892761  53 1 0 1.415182 5.735068 -1.161842  54 1 0 1.491599 5.820484 0.590119  55 1 0 -1.020462 -5.086266 -1.105062  56 1 0 -1.737777 -4.995449 0.494995 |
| TM\_NP\_model\_scan\_p\_50\_m\_140 | 1 6 0 -1.376272 0.439336 -0.499952  2 6 0 -0.604341 1.598889 -0.402468  3 6 0 0.766608 1.583087 -0.126814  4 6 0 1.413256 0.346009 0.102580  5 6 0 0.646276 -0.816062 -0.000374  6 6 0 -0.717301 -0.800236 -0.305169  7 6 0 2.819338 0.248502 0.591920  8 6 0 3.198767 0.982873 1.701412  9 6 0 4.500013 0.899104 2.239061  10 6 0 5.436391 0.084672 1.655525  11 6 0 5.116736 -0.661300 0.492787  12 6 0 3.798297 -0.572972 -0.064863  13 6 0 3.538335 -1.277333 -1.272196  14 6 0 4.504690 -2.051086 -1.868928  15 6 0 5.790232 -2.164621 -1.295218  16 6 0 6.086796 -1.479129 -0.144025  17 6 0 -2.853360 0.589483 -0.665309  18 6 0 -3.808509 -0.038061 0.212790  19 6 0 -5.207845 0.199231 -0.003312  20 6 0 -5.621576 1.098509 -1.017417  21 6 0 -4.691709 1.769678 -1.768851  22 6 0 -3.318046 1.523988 -1.576609  23 6 0 -3.443902 -0.829467 1.337097  24 6 0 -4.392334 -1.408217 2.145975  25 6 0 -5.768169 -1.230027 1.883288  26 6 0 -6.161193 -0.435215 0.836805  27 6 0 1.509147 2.862008 -0.152786  28 7 0 0.920762 3.987932 -0.167313  29 6 0 1.736781 5.182483 -0.245555  30 6 0 -1.400540 -2.090275 -0.551355  31 7 0 -0.875546 -3.205536 -0.247210  32 6 0 -1.604855 -4.414403 -0.572573  33 1 0 -1.067356 2.570275 -0.520150  34 1 0 1.101251 -1.784283 0.166680  35 1 0 2.462887 1.602821 2.200477  36 1 0 4.747818 1.474758 3.123690  37 1 0 6.436154 0.005802 2.069391  38 1 0 2.563540 -1.192410 -1.733479  39 1 0 4.280219 -2.575289 -2.791060  40 1 0 6.541597 -2.783802 -1.772148  41 1 0 7.076749 -1.544791 0.295393  42 1 0 -6.682868 1.264928 -1.168580  43 1 0 -5.004211 2.483830 -2.522172  44 1 0 -2.603513 2.038659 -2.208420  45 1 0 -2.398342 -0.962932 1.575954  46 1 0 -4.079919 -1.998491 3.000042  47 1 0 -6.506907 -1.701613 2.521406  48 1 0 -7.214686 -0.260761 0.644124  49 1 0 2.603040 2.786320 -0.185922  50 1 0 2.818192 4.980324 -0.276210  51 1 0 -2.380573 -2.031491 -1.041384  52 1 0 -2.570091 -4.230527 -1.067620  53 1 0 1.457884 5.750304 -1.139028  54 1 0 1.519420 5.824209 0.614151  55 1 0 -0.986767 -5.043726 -1.220823  56 1 0 -1.780302 -4.985578 0.344549 |
| TM\_NP\_model\_scan\_p\_50\_p\_20 | 1 6 0 -1.406512 0.365602 -0.122916  2 6 0 -0.905588 -0.942195 -0.173283  3 6 0 0.456210 -1.253214 -0.235225  4 6 0 1.402866 -0.207939 -0.316673  5 6 0 0.916201 1.100332 -0.299714  6 6 0 -0.442044 1.409145 -0.204808  7 6 0 2.852327 -0.441604 -0.579875  8 6 0 3.223164 -1.243382 -1.644660  9 6 0 4.576964 -1.466974 -1.970659  10 6 0 5.571015 -0.896614 -1.217550  11 6 0 5.251654 -0.097069 -0.090913  12 6 0 3.877012 0.127678 0.251072  13 6 0 3.597927 0.874489 1.428277  14 6 0 4.609293 1.398866 2.196880  15 6 0 5.960869 1.205351 1.835489  16 6 0 6.270380 0.469072 0.719627  17 6 0 -2.863242 0.572825 -0.379756  18 6 0 -3.881695 -0.246484 0.241899  19 6 0 -5.259281 -0.012593 -0.088493  20 6 0 -5.608937 1.075337 -0.927226  21 6 0 -4.640260 1.922267 -1.396152  22 6 0 -3.283539 1.679438 -1.102755  23 6 0 -3.613557 -1.236602 1.227769  24 6 0 -4.616576 -1.999369 1.777913  25 6 0 -5.958021 -1.821254 1.379654  26 6 0 -6.267663 -0.838142 0.474792  27 6 0 0.860880 -2.674610 -0.162806  28 7 0 0.026119 -3.624758 -0.281054  29 6 0 0.513696 -4.982495 -0.148804  30 6 0 -0.796053 2.835065 -0.008703  31 7 0 -0.034080 3.783509 -0.373018  32 6 0 -0.433781 5.140055 -0.056997  33 1 0 -1.581734 -1.784249 -0.213131  34 1 0 1.602101 1.934597 -0.375262  35 1 0 2.452644 -1.671624 -2.275346  36 1 0 4.822657 -2.083307 -2.828013  37 1 0 6.614745 -1.054605 -1.467904  38 1 0 2.569037 1.020920 1.728618  39 1 0 4.368400 1.961481 3.091864  40 1 0 6.749245 1.629800 2.446791  41 1 0 7.305710 0.299720 0.442535  42 1 0 -6.654206 1.237087 -1.168182  43 1 0 -4.903801 2.773255 -2.013855  44 1 0 -2.545469 2.317940 -1.569330  45 1 0 -2.602369 -1.378620 1.579175  46 1 0 -4.372903 -2.738323 2.532925  47 1 0 -6.738478 -2.440271 1.807397  48 1 0 -7.298779 -0.658511 0.188650  49 1 0 1.924546 -2.866111 0.025246  50 1 0 1.596068 -5.049237 0.039070  51 1 0 -1.740838 3.027639 0.516961  52 1 0 -1.396461 5.207951 0.472475  53 1 0 -0.018979 -5.477787 0.669354  54 1 0 0.276133 -5.540550 -1.059996  55 1 0 0.341212 5.609051 0.557656  56 1 0 -0.495011 5.722616 -0.981637 |
| TM\_NP\_model\_scan\_p\_50\_p\_30 | 1 6 0 -1.406606 0.314668 -0.210943  2 6 0 -0.890535 -0.985177 -0.252354  3 6 0 0.477704 -1.270038 -0.292547  4 6 0 1.406099 -0.204982 -0.343133  5 6 0 0.898868 1.095295 -0.322079  6 6 0 -0.467163 1.379051 -0.252397  7 6 0 2.864922 -0.412139 -0.576859  8 6 0 3.272048 -1.197461 -1.640614  9 6 0 4.636146 -1.395911 -1.938960  10 6 0 5.604062 -0.816455 -1.159225  11 6 0 5.247129 -0.032820 -0.032694  12 6 0 3.861867 0.165909 0.281454  13 6 0 3.545153 0.896986 1.459004  14 6 0 4.530773 1.431139 2.253869  15 6 0 5.892827 1.263631 1.919983  16 6 0 6.238523 0.542778 0.804676  17 6 0 -2.868260 0.511163 -0.437109  18 6 0 -3.866948 -0.254406 0.269635  19 6 0 -5.252459 -0.037933 -0.035624  20 6 0 -5.619907 0.969306 -0.963032  21 6 0 -4.660886 1.753568 -1.548631  22 6 0 -3.296941 1.531908 -1.270853  23 6 0 -3.563480 -1.179040 1.306928  24 6 0 -4.549930 -1.890678 1.947499  25 6 0 -5.905412 -1.721527 1.592906  26 6 0 -6.244205 -0.806444 0.628733  27 6 0 0.909001 -2.683457 -0.221356  28 7 0 0.097168 -3.648861 -0.371801  29 6 0 0.608478 -4.997573 -0.236238  30 6 0 -0.866853 2.794399 -0.077563  31 7 0 -0.102823 3.760202 -0.388569  32 6 0 -0.557045 5.107326 -0.108317  33 1 0 -1.558203 -1.835112 -0.292373  34 1 0 1.572796 1.940996 -0.375429  35 1 0 2.522538 -1.632596 -2.291617  36 1 0 4.910556 -2.000146 -2.796224  37 1 0 6.655460 -0.955010 -1.388097  38 1 0 2.507748 1.023721 1.738146  39 1 0 4.261169 1.981484 3.148286  40 1 0 6.660704 1.695644 2.551744  41 1 0 7.282276 0.393320 0.548494  42 1 0 -6.671202 1.118338 -1.185386  43 1 0 -4.939831 2.538079 -2.242857  44 1 0 -2.562415 2.121224 -1.804974  45 1 0 -2.536785 -1.311586 1.616778  46 1 0 -4.283581 -2.582412 2.738741  47 1 0 -6.673247 -2.298011 2.096317  48 1 0 -7.284522 -0.641473 0.368205  49 1 0 1.970637 -2.855598 -0.005027  50 1 0 1.686020 -5.043784 -0.017000  51 1 0 -1.851825 2.964798 0.376251  52 1 0 -1.556447 5.152907 0.350737  53 1 0 0.062337 -5.510717 0.561790  54 1 0 0.409382 -5.552361 -1.158571  55 1 0 0.160526 5.597230 0.557620  56 1 0 -0.566329 5.685176 -1.037898 |
| TM\_NP\_model\_scan\_p\_50\_p\_40 | 1 6 0 -1.407394 0.261963 -0.301244  2 6 0 -0.874728 -1.029531 -0.324635  3 6 0 0.499200 -1.288432 -0.341177  4 6 0 1.408128 -0.204588 -0.368715  5 6 0 0.879422 1.087056 -0.353860  6 6 0 -0.493545 1.345683 -0.312740  7 6 0 2.875223 -0.385946 -0.571854  8 6 0 3.318522 -1.160942 -1.628670  9 6 0 4.691947 -1.334948 -1.898286  10 6 0 5.632876 -0.741103 -1.096620  11 6 0 5.238434 0.032871 0.024042  12 6 0 3.843561 0.206432 0.309161  13 6 0 3.489191 0.928374 1.481597  14 6 0 4.448141 1.477528 2.298555  15 6 0 5.819677 1.335000 1.993192  16 6 0 6.201560 0.623425 0.883750  17 6 0 -2.874709 0.440973 -0.500326  18 6 0 -3.847631 -0.255021 0.300657  19 6 0 -5.241578 -0.067606 0.017838  20 6 0 -5.635595 0.832668 -1.004163  21 6 0 -4.694544 1.538728 -1.707965  22 6 0 -3.322413 1.348587 -1.445429  23 6 0 -3.503573 -1.088045 1.400462  24 6 0 -4.466588 -1.735199 2.137298  25 6 0 -5.834600 -1.586674 1.821292  26 6 0 -6.208933 -0.764176 0.788898  27 6 0 0.956687 -2.693015 -0.262759  28 7 0 0.169312 -3.673643 -0.442282  29 6 0 0.703699 -5.012361 -0.296537  30 6 0 -0.936335 2.750840 -0.170924  31 7 0 -0.170148 3.732512 -0.421714  32 6 0 -0.677402 5.069747 -0.189689  33 1 0 -1.532542 -1.888248 -0.359560  34 1 0 1.540066 1.944055 -0.391240  35 1 0 2.590758 -1.607266 -2.296564  36 1 0 4.995008 -1.931854 -2.751029  37 1 0 6.691162 -0.860748 -1.303328  38 1 0 2.444025 1.036377 1.738701  39 1 0 4.149903 2.020553 3.188334  40 1 0 6.566306 1.778674 2.642116  41 1 0 7.252998 0.493103 0.649451  42 1 0 -6.693074 0.960958 -1.209636  43 1 0 -4.995521 2.236790 -2.480876  44 1 0 -2.598359 1.878622 -2.052538  45 1 0 -2.463394 -1.201884 1.672821  46 1 0 -4.173261 -2.360079 2.973368  47 1 0 -6.584164 -2.109719 2.404346  48 1 0 -7.258180 -0.622394 0.551527  49 1 0 2.014648 -2.845041 -0.015381  50 1 0 1.774214 -5.037599 -0.042283  51 1 0 -1.959323 2.901070 0.196729  52 1 0 -1.711798 5.093351 0.185777  53 1 0 0.142418 -5.541057 0.480548  54 1 0 0.546371 -5.565940 -1.227659  55 1 0 -0.028408 5.580605 0.528814  56 1 0 -0.624203 5.641862 -1.121358 |
| TM\_NP\_model\_scan\_p\_50\_p\_50 | 1 6 0 1.409071 -0.206806 -0.395472  2 6 0 0.858411 1.075561 -0.395331  3 6 0 -0.520370 1.308540 -0.383899  4 6 0 -1.409065 0.206837 -0.395469  5 6 0 -0.858410 -1.075527 -0.395398  6 6 0 0.520372 -1.308510 -0.383965  7 6 0 -2.883321 0.363627 -0.566370  8 6 0 -3.362113 1.134443 -1.610671  9 6 0 -4.743707 1.285983 -1.850570  10 6 0 -5.657249 0.672984 -1.031801  11 6 0 -5.225957 -0.098580 0.076858  12 6 0 -3.822628 -0.248833 0.332092  13 6 0 -3.431337 -0.969762 1.493326  14 6 0 -4.363260 -1.539819 2.327082  15 6 0 -5.743138 -1.420162 2.050922  16 6 0 -6.160486 -0.710006 0.953420  17 6 0 2.883330 -0.363562 -0.566414  18 6 0 3.822640 0.248809 0.332090  19 6 0 5.225970 0.098532 0.076863  20 6 0 5.657246 -0.672954 -1.031849  21 6 0 4.743692 -1.285850 -1.850687  22 6 0 3.362104 -1.134302 -1.610787  23 6 0 3.431346 0.969700 1.493353  24 6 0 4.363271 1.539686 2.327150  25 6 0 5.743153 1.419990 2.051010  26 6 0 6.160502 0.709877 0.953482  27 6 0 -1.002996 2.703242 -0.285255  28 7 0 -0.239869 3.699973 -0.480345  29 6 0 -0.795601 5.027160 -0.310764  30 6 0 1.002995 -2.703212 -0.285356  31 7 0 0.239840 -3.699938 -0.480375  32 6 0 0.795576 -5.027126 -0.310817  33 1 0 1.504587 1.943921 -0.422745  34 1 0 -1.504580 -1.943889 -0.422864  35 1 0 -2.656386 1.595966 -2.291757  36 1 0 -5.074809 1.880905 -2.694230  37 1 0 -6.721560 0.775170 -1.215656  38 1 0 -2.379308 -1.060855 1.727923  39 1 0 -4.037015 -2.081938 3.207528  40 1 0 -6.468172 -1.880228 2.712797  41 1 0 -7.218705 -0.597182 0.741643  42 1 0 6.721555 -0.775180 -1.215696  43 1 0 5.074795 -1.880697 -2.694400  44 1 0 2.656363 -1.595741 -2.291911  45 1 0 2.379313 1.060805 1.727926  46 1 0 4.037038 2.081794 3.207607  47 1 0 6.468190 1.879990 2.712927  48 1 0 7.218723 0.597030 0.741730  49 1 0 -2.056556 2.833176 -0.008217  50 1 0 -1.858514 5.030138 -0.025222  51 1 0 2.056574 -2.833168 -0.008410  52 1 0 1.858523 -5.030108 -0.025407  53 1 0 -0.222120 5.562131 0.452987  54 1 0 -0.676260 5.589018 -1.242576  55 1 0 0.222182 -5.562060 0.453026  56 1 0 0.676108 -5.589012 -1.242595 |
| TM\_NP\_model\_scan\_p\_50\_p\_60 | 1 6 0 1.410701 -0.128919 -0.475311  2 6 0 0.836677 1.140744 -0.428062  3 6 0 -0.546924 1.341705 -0.387910  4 6 0 -1.410567 0.219810 -0.407882  5 6 0 -0.833155 -1.050166 -0.444429  6 6 0 0.550966 -1.251195 -0.465828  7 6 0 -2.890403 0.348427 -0.554511  8 6 0 -3.399370 1.129049 -1.577040  9 6 0 -4.786944 1.255719 -1.795913  10 6 0 -5.676258 0.607826 -0.977328  11 6 0 -5.213760 -0.175774 0.110118  12 6 0 -3.804245 -0.301427 0.343580  13 6 0 -3.381858 -1.037437 1.484202  14 6 0 -4.290134 -1.643543 2.318636  15 6 0 -5.675928 -1.547014 2.063755  16 6 0 -6.123200 -0.823912 0.986669  17 6 0 2.890907 -0.251202 -0.637260  18 6 0 3.801038 0.230352 0.361564  19 6 0 5.211086 0.128491 0.121820  20 6 0 5.674019 -0.456968 -1.084004  21 6 0 4.785151 -0.934255 -2.013217  22 6 0 3.396477 -0.832825 -1.784511  23 6 0 3.370383 0.779851 1.599806  24 6 0 4.275173 1.224967 2.533389  25 6 0 5.663274 1.144452 2.283512  26 6 0 6.116641 0.605264 1.105629  27 6 0 -1.059699 2.721833 -0.247338  28 7 0 -0.324046 3.740240 -0.435962  29 6 0 -0.905587 5.050092 -0.224010  30 6 0 1.075884 -2.632959 -0.433384  31 7 0 0.323899 -3.646779 -0.576883  32 6 0 0.927771 -4.960911 -0.492914  33 1 0 1.466838 2.021574 -0.433389  34 1 0 -1.460643 -1.931884 -0.479864  35 1 0 -2.712733 1.619058 -2.257735  36 1 0 -5.141779 1.859654 -2.623373  37 1 0 -6.744875 0.690854 -1.145156  38 1 0 -2.324915 -1.111783 1.702050  39 1 0 -3.940608 -2.196703 3.183129  40 1 0 -6.381965 -2.035349 2.725919  41 1 0 -7.186364 -0.729053 0.791530  42 1 0 6.743129 -0.524179 -1.255990  43 1 0 5.141692 -1.383809 -2.933069  44 1 0 2.707525 -1.192308 -2.540614  45 1 0 2.310070 0.841082 1.807607  46 1 0 3.922092 1.638522 3.471404  47 1 0 6.366534 1.502939 3.026729  48 1 0 7.181198 0.529568 0.909663  49 1 0 -2.109770 2.820401 0.054748  50 1 0 -1.962059 5.022692 0.083425  51 1 0 2.154028 -2.738095 -0.259518  52 1 0 2.013093 -4.939919 -0.311811  53 1 0 -0.328057 5.580225 0.540066  54 1 0 -0.818407 5.635679 -1.144714  55 1 0 0.445292 -5.527687 0.309816  56 1 0 0.733009 -5.506146 -1.421891 |
| TM\_NP\_model\_scan\_p\_50\_p\_70 | 1 6 0 1.412903 -0.020433 -0.558242  2 6 0 0.807650 1.229202 -0.446003  3 6 0 -0.580809 1.388157 -0.376883  4 6 0 -1.412342 0.243130 -0.428148  5 6 0 -0.801276 -1.007481 -0.530251  6 6 0 0.587588 -1.166437 -0.584321  7 6 0 -2.897794 0.335894 -0.543298  8 6 0 -3.446670 1.143207 -1.523497  9 6 0 -4.841060 1.241661 -1.711165  10 6 0 -5.697005 0.539486 -0.901872  11 6 0 -5.193095 -0.273428 0.144977  12 6 0 -3.776382 -0.372627 0.345391  13 6 0 -3.312425 -1.141719 1.447423  14 6 0 -4.188345 -1.800836 2.276248  15 6 0 -5.581167 -1.728223 2.053647  16 6 0 -6.068197 -0.976436 1.014072  17 6 0 2.900093 -0.096418 -0.702285  18 6 0 3.770229 0.202618 0.395950  19 6 0 5.188235 0.154695 0.191194  20 6 0 5.696189 -0.193071 -1.086507  21 6 0 4.843240 -0.487857 -2.119621  22 6 0 3.445942 -0.440151 -1.923285  23 6 0 3.288519 0.526026 1.693495  24 6 0 4.154900 0.802811 2.723445  25 6 0 5.551951 0.769817 2.514548  26 6 0 6.053216 0.450718 1.277123  27 6 0 -1.129829 2.745166 -0.166264  28 7 0 -0.427205 3.791724 -0.324363  29 6 0 -1.040006 5.073717 -0.042156  30 6 0 1.158245 -2.528312 -0.645829  31 7 0 0.430919 -3.562229 -0.771352  32 6 0 1.082281 -4.855815 -0.798831  33 1 0 1.415092 2.125377 -0.412356  34 1 0 -1.404638 -1.904160 -0.596284  35 1 0 -2.786226 1.678452 -2.195958  36 1 0 -5.227677 1.868241 -2.506936  37 1 0 -6.770564 0.601402 -1.045619  38 1 0 -2.249572 -1.199186 1.640294  39 1 0 -3.807750 -2.378006 3.111436  40 1 0 -6.261212 -2.258086 2.711078  41 1 0 -7.137192 -0.900178 0.844345  42 1 0 6.770969 -0.222983 -1.231734  43 1 0 5.235007 -0.752780 -3.095185  44 1 0 2.784477 -0.660687 -2.753758  45 1 0 2.220110 0.550841 1.865805  46 1 0 3.765196 1.046757 3.705367  47 1 0 6.224628 0.993224 3.334959  48 1 0 7.124897 0.417174 1.110323  49 1 0 -2.175571 2.799614 0.161070  50 1 0 -2.089419 5.003113 0.282121  51 1 0 2.250255 -2.600047 -0.565740  52 1 0 2.177462 -4.803497 -0.704328  53 1 0 -0.462772 5.583963 0.735576  54 1 0 -0.985901 5.703154 -0.936085  55 1 0 0.685492 -5.475411 0.011724  56 1 0 0.830242 -5.365120 -1.734436 |
| TM\_NP\_model\_scan\_p\_50\_p\_80 | 1 6 0 1.409898 0.135855 -0.597576  2 6 0 0.769144 1.353325 -0.386132  3 6 0 -0.623666 1.461831 -0.294699  4 6 0 -1.419047 0.297874 -0.426240  5 6 0 -0.770687 -0.921267 -0.631153  6 6 0 0.621593 -1.030271 -0.707905  7 6 0 -2.908210 0.349440 -0.516909  8 6 0 -3.498071 1.211348 -1.423877  9 6 0 -4.897484 1.274422 -1.587933  10 6 0 -5.717184 0.479449 -0.828565  11 6 0 -5.171275 -0.395115 0.145012  12 6 0 -3.749384 -0.458448 0.322317  13 6 0 -3.244350 -1.294255 1.355590  14 6 0 -4.085597 -2.047037 2.139319  15 6 0 -5.482864 -2.007722 1.937454  16 6 0 -6.009521 -1.195403 0.964922  17 6 0 2.901532 0.111790 -0.731697  18 6 0 3.747925 0.150613 0.422408  19 6 0 5.169621 0.155303 0.241047  20 6 0 5.703608 0.120239 -1.072584  21 6 0 4.872088 0.079120 -2.162784  22 6 0 3.470426 0.073783 -1.988361  23 6 0 3.236288 0.172998 1.748132  24 6 0 4.079685 0.205699 2.832440  25 6 0 5.481041 0.217247 2.650856  26 6 0 6.010160 0.191826 1.384264  27 6 0 -1.212611 2.780296 0.024152  28 7 0 -0.545403 3.858130 -0.061319  29 6 0 -1.195129 5.093794 0.325896  30 6 0 1.239028 -2.359085 -0.898180  31 7 0 0.546203 -3.412792 -1.050082  32 6 0 1.244551 -4.670813 -1.217389  33 1 0 1.349941 2.261669 -0.282458  34 1 0 -1.346756 -1.828253 -0.764739  35 1 0 -2.865726 1.821392 -2.058574  36 1 0 -5.316707 1.947896 -2.326852  37 1 0 -6.794090 0.513799 -0.955617  38 1 0 -2.177695 -1.328757 1.532274  39 1 0 -3.673855 -2.673525 2.922566  40 1 0 -6.135278 -2.611396 2.558233  41 1 0 -7.082677 -1.144852 0.812623  42 1 0 6.781111 0.126627 -1.199507  43 1 0 5.283809 0.054064 -3.165409  44 1 0 2.825141 0.048494 -2.859441  45 1 0 2.163723 0.165500 1.896314  46 1 0 3.669096 0.222839 3.835779  47 1 0 6.135398 0.244945 3.514911  48 1 0 7.085339 0.198058 1.237877  49 1 0 -2.255425 2.776436 0.365270  50 1 0 -2.237593 4.963560 0.653923  51 1 0 2.336051 -2.387080 -0.894447  52 1 0 2.340686 -4.576798 -1.191959  53 1 0 -0.625065 5.560508 1.135637  54 1 0 -1.172052 5.792341 -0.516536  55 1 0 0.929409 -5.364120 -0.431069  56 1 0 0.948554 -5.121736 -2.169930 |
| TM\_NP\_model\_scan\_p\_50\_p\_90 | 1 6 0 1.404724 0.301453 -0.583254  2 6 0 0.726593 1.474713 -0.267771  3 6 0 -0.669104 1.530109 -0.166474  4 6 0 -1.427277 0.357517 -0.399232  5 6 0 -0.740917 -0.817669 -0.711890  6 6 0 0.653472 -0.874334 -0.799061  7 6 0 -2.917806 0.369192 -0.481466  8 6 0 -3.539298 1.289064 -1.306790  9 6 0 -4.940791 1.321627 -1.461832  10 6 0 -5.731027 0.434039 -0.777548  11 6 0 -5.152579 -0.509099 0.109384  12 6 0 -3.728738 -0.540404 0.279767  13 6 0 -3.192248 -1.453250 1.228422  14 6 0 -4.004411 -2.307418 1.935078  15 6 0 -5.402798 -2.297234 1.737554  16 6 0 -5.960225 -1.412750 0.848724  17 6 0 2.898030 0.333984 -0.703960  18 6 0 3.734886 0.086537 0.430768  19 6 0 5.157758 0.147307 0.271461  20 6 0 5.702019 0.451963 -1.002648  21 6 0 4.879276 0.686719 -2.074731  22 6 0 3.475938 0.626187 -1.921966  23 6 0 3.211212 -0.222135 1.715120  24 6 0 4.044798 -0.457771 2.781874  25 6 0 5.447574 -0.396559 2.622734  26 6 0 5.987937 -0.100461 1.395732  27 6 0 -1.298254 2.796446 0.266381  28 7 0 -0.666931 3.899010 0.269703  29 6 0 -1.354063 5.075801 0.761840  30 6 0 1.314177 -2.154724 -1.125438  31 7 0 0.659135 -3.225973 -1.316690  32 6 0 1.398729 -4.432420 -1.626369  33 1 0 1.279034 2.387413 -0.081337  34 1 0 -1.288477 -1.726526 -0.927534  35 1 0 -2.929977 1.974031 -1.885045  36 1 0 -5.384742 2.045749 -2.135548  37 1 0 -6.809025 0.444806 -0.899339  38 1 0 -2.124458 -1.467894 1.400853  39 1 0 -3.568625 -2.992204 2.653844  40 1 0 -6.032030 -2.980792 2.296320  41 1 0 -7.034951 -1.384904 0.701732  42 1 0 6.780373 0.496810 -1.113733  43 1 0 5.299224 0.921109 -3.046389  44 1 0 2.837841 0.815858 -2.777827  45 1 0 2.137205 -0.266676 1.846651  46 1 0 3.625227 -0.690806 3.754098  47 1 0 6.094198 -0.583314 3.472732  48 1 0 7.064286 -0.051557 1.267021  49 1 0 -2.337947 2.729405 0.610192  50 1 0 -2.387970 4.883105 1.086355  51 1 0 2.409472 -2.130070 -1.190770  52 1 0 2.488618 -4.286431 -1.667848  53 1 0 -0.791541 5.495077 1.602185  54 1 0 -1.363855 5.840822 -0.021066  55 1 0 1.171330 -5.195489 -0.875118  56 1 0 1.055842 -4.827357 -2.587974 |
| TM\_NP\_model\_scan\_p\_50\_p\_100 | 1 6 0 1.399034 0.434254 -0.537401  2 6 0 0.683982 1.565236 -0.155766  3 6 0 -0.713354 1.573039 -0.060902  4 6 0 -1.434748 0.395043 -0.369113  5 6 0 -0.711981 -0.737077 -0.752229  6 6 0 0.683439 -0.746300 -0.836036  7 6 0 -2.924480 0.368616 -0.461321  8 6 0 -3.567275 1.318592 -1.234685  9 6 0 -4.968291 1.321555 -1.397054  10 6 0 -5.736850 0.373841 -0.771252  11 6 0 -5.136666 -0.603797 0.062342  12 6 0 -3.713241 -0.606610 0.239049  13 6 0 -3.155743 -1.559519 1.134753  14 6 0 -3.947400 -2.475207 1.785397  15 6 0 -5.344856 -2.490480 1.581360  16 6 0 -5.922541 -1.570556 0.742794  17 6 0 2.891592 0.517177 -0.631673  18 6 0 3.728743 0.030985 0.423659  19 6 0 5.151022 0.145253 0.290995  20 6 0 5.695116 0.740692 -0.876077  21 6 0 4.872397 1.207665 -1.869112  22 6 0 3.469618 1.094666 -1.743273  23 6 0 3.206039 -0.556042 1.607325  24 6 0 4.039871 -1.012745 2.599629  25 6 0 5.442220 -0.905428 2.463538  26 6 0 5.981606 -0.338003 1.335605  27 6 0 -1.382036 2.790691 0.446085  28 7 0 -0.783752 3.908897 0.522379  29 6 0 -1.507082 5.032258 1.082587  30 6 0 1.381108 -1.976012 -1.264868  31 7 0 0.762462 -3.061855 -1.491393  32 6 0 1.534866 -4.211892 -1.914928  33 1 0 1.208391 2.478775 0.095680  34 1 0 -1.231696 -1.644574 -1.032847  35 1 0 -2.974256 2.053278 -1.767022  36 1 0 -5.428896 2.071803 -2.029755  37 1 0 -6.814152 0.362300 -0.899020  38 1 0 -2.088524 -1.555803 1.311431  39 1 0 -3.496279 -3.189505 2.464927  40 1 0 -5.957556 -3.222120 2.095864  41 1 0 -6.997029 -1.562877 0.591763  42 1 0 6.773134 0.822366 -0.967585  43 1 0 5.291708 1.665208 -2.758056  44 1 0 2.831469 1.465544 -2.537498  45 1 0 2.132374 -0.635290 1.723790  46 1 0 3.620560 -1.455889 3.495934  47 1 0 6.089074 -1.269326 3.253884  48 1 0 7.057529 -0.248541 1.226578  49 1 0 -2.420724 2.671466 0.778585  50 1 0 -2.537225 4.790965 1.385869  51 1 0 2.469844 -1.899131 -1.380031  52 1 0 2.614307 -4.015186 -1.997863  53 1 0 -0.961931 5.412662 1.952359  54 1 0 -1.533534 5.845026 0.349769  55 1 0 1.376723 -5.031348 -1.206566  56 1 0 1.161061 -4.558460 -2.883657 |
| TM\_NP\_model\_scan\_p\_50\_p\_110 | 1 6 0 1.392915 0.520695 -0.486796  2 6 0 0.649094 1.623833 -0.077287  3 6 0 -0.748545 1.599524 0.005886  4 6 0 -1.442135 0.416414 -0.342755  5 6 0 -0.691935 -0.687543 -0.754880  6 6 0 0.703653 -0.664598 -0.829526  7 6 0 -2.930044 0.361999 -0.449224  8 6 0 -3.585146 1.321047 -1.200851  9 6 0 -4.984355 1.300532 -1.376635  10 6 0 -5.738937 0.319504 -0.786162  11 6 0 -5.126382 -0.669926 0.024217  12 6 0 -3.704801 -0.649516 0.214113  13 6 0 -3.135763 -1.617355 1.086251  14 6 0 -3.914458 -2.567298 1.702513  15 6 0 -5.309584 -2.604092 1.485509  16 6 0 -5.898464 -1.671673 0.668787  17 6 0 2.882941 0.641483 -0.551318  18 6 0 3.731288 -0.013211 0.400463  19 6 0 5.150969 0.152805 0.294602  20 6 0 5.682328 0.969654 -0.736370  21 6 0 4.849248 1.604781 -1.621417  22 6 0 3.449913 1.440533 -1.523812  23 6 0 3.224244 -0.809209 1.463018  24 6 0 4.069790 -1.421880 2.356533  25 6 0 5.469640 -1.270435 2.239365  26 6 0 5.994102 -0.498137 1.232769  27 6 0 -1.446629 2.786240 0.545577  28 7 0 -0.872487 3.913554 0.662487  29 6 0 -1.622799 5.002891 1.253459  30 6 0 1.424889 -1.857503 -1.320126  31 7 0 0.833737 -2.956911 -1.554258  32 6 0 1.623650 -4.064167 -2.052888  33 1 0 1.151771 2.538309 0.211956  34 1 0 -1.190393 -1.595134 -1.071377  35 1 0 -3.002372 2.082985 -1.705466  36 1 0 -5.454497 2.059648 -1.991494  37 1 0 -6.814588 0.289987 -0.924544  38 1 0 -2.070347 -1.597600 1.272615  39 1 0 -3.455002 -3.292396 2.364801  40 1 0 -5.911849 -3.362439 1.972957  41 1 0 -6.971548 -1.680916 0.508176  42 1 0 6.758487 1.087441 -0.808074  43 1 0 5.257834 2.233930 -2.404106  44 1 0 2.804189 1.942068 -2.235800  45 1 0 2.152918 -0.923886 1.569651  46 1 0 3.661036 -2.022339 3.161485  47 1 0 6.125704 -1.760324 2.950041  48 1 0 7.067668 -0.369329 1.141648  49 1 0 -2.484977 2.634769 0.865852  50 1 0 -2.650935 4.731852 1.537678  51 1 0 2.503921 -1.738899 -1.480274  52 1 0 2.691903 -3.829112 -2.172306  53 1 0 -1.093532 5.362914 2.141548  54 1 0 -1.657803 5.840023 0.549001  55 1 0 1.521089 -4.914467 -1.371247  56 1 0 1.220460 -4.385947 -3.018424 |
| TM\_NP\_model\_scan\_p\_50\_p\_120 | 1 6 0 1.389292 0.584726 -0.469101  2 6 0 0.622735 1.670640 -0.051937  3 6 0 -0.774480 1.624025 0.021595  4 6 0 -1.447099 0.432442 -0.338410  5 6 0 -0.676482 -0.652953 -0.762202  6 6 0 0.718426 -0.606142 -0.832920  7 6 0 -2.933509 0.351070 -0.445345  8 6 0 -3.607874 1.304305 -1.187241  9 6 0 -5.006627 1.258288 -1.361868  10 6 0 -5.741449 0.257407 -0.779816  11 6 0 -5.109035 -0.727455 0.020824  12 6 0 -3.687900 -0.681405 0.209367  13 6 0 -3.099317 -1.645857 1.072248  14 6 0 -3.858876 -2.615915 1.681031  15 6 0 -5.253292 -2.677562 1.465246  16 6 0 -5.860933 -1.749537 0.657285  17 6 0 2.877199 0.725654 -0.485723  18 6 0 3.724302 -0.049085 0.375914  19 6 0 5.142393 0.154718 0.319537  20 6 0 5.673714 1.132110 -0.560315  21 6 0 4.841448 1.890772 -1.342796  22 6 0 3.445418 1.688460 -1.297644  23 6 0 3.220503 -0.990966 1.313811  24 6 0 4.065849 -1.711855 2.122728  25 6 0 5.464513 -1.530548 2.042377  26 6 0 5.986053 -0.614490 1.163377  27 6 0 -1.493888 2.794366 0.569118  28 7 0 -0.939953 3.930885 0.694055  29 6 0 -1.710060 5.002531 1.292074  30 6 0 1.452951 -1.771999 -1.368675  31 7 0 0.884823 -2.886148 -1.589112  32 6 0 1.681399 -3.960397 -2.146165  33 1 0 1.108570 2.587051 0.258771  34 1 0 -1.158897 -1.563554 -1.094409  35 1 0 -3.040501 2.082045 -1.685264  36 1 0 -5.492122 2.013847 -1.969120  37 1 0 -6.816497 0.208417 -0.917386  38 1 0 -2.034305 -1.607204 1.257889  39 1 0 -3.384728 -3.337726 2.336518  40 1 0 -5.840320 -3.451542 1.946679  41 1 0 -6.933857 -1.777921 0.497836  42 1 0 6.748553 1.275837 -0.594499  43 1 0 5.248786 2.646175 -2.005170  44 1 0 2.801708 2.285657 -1.933516  45 1 0 2.150623 -1.131656 1.396845  46 1 0 3.656552 -2.421311 2.833139  47 1 0 6.121071 -2.108235 2.683175  48 1 0 7.058135 -0.457073 1.105598  49 1 0 -2.529623 2.622275 0.887431  50 1 0 -2.733317 4.711090 1.573560  51 1 0 2.518135 -1.617251 -1.581182  52 1 0 2.735371 -3.691660 -2.311956  53 1 0 -1.187948 5.365626 2.183128  54 1 0 -1.759607 5.843805 0.593456  55 1 0 1.636496 -4.825405 -1.476969  56 1 0 1.241400 -4.276525 -3.097409 |
| TM\_NP\_model\_scan\_p\_50\_p\_130 | 1 6 0 1.386385 0.624583 -0.459555  2 6 0 0.601142 1.700462 -0.045991  3 6 0 -0.795095 1.638717 0.020089  4 6 0 -1.452281 0.436750 -0.333072  5 6 0 -0.666067 -0.639863 -0.750210  6 6 0 0.728093 -0.575545 -0.820675  7 6 0 -2.937018 0.335680 -0.442935  8 6 0 -3.621740 1.275035 -1.193058  9 6 0 -5.019306 1.209595 -1.370872  10 6 0 -5.742567 0.203226 -0.783792  11 6 0 -5.099500 -0.767966 0.025039  12 6 0 -3.679552 -0.702294 0.216581  13 6 0 -3.080448 -1.653359 1.086978  14 6 0 -3.828863 -2.628991 1.700662  15 6 0 -5.221900 -2.709918 1.482375  16 6 0 -5.839624 -1.795324 0.666762  17 6 0 2.871369 0.781402 -0.432337  18 6 0 3.726608 -0.074133 0.344328  19 6 0 5.140844 0.166235 0.333338  20 6 0 5.660472 1.263842 -0.398461  21 6 0 4.818760 2.108541 -1.075513  22 6 0 3.429247 1.868785 -1.080821  23 6 0 3.238597 -1.124319 1.169446  24 6 0 4.093663 -1.919252 1.894418  25 6 0 5.489364 -1.709429 1.841189  26 6 0 5.995913 -0.684496 1.082491  27 6 0 -1.530021 2.804281 0.557390  28 7 0 -0.990902 3.948938 0.672335  29 6 0 -1.775349 5.016088 1.259787  30 6 0 1.467278 -1.724300 -1.388531  31 7 0 0.920659 -2.855512 -1.572560  32 6 0 1.714674 -3.907549 -2.174172  33 1 0 1.072793 2.620995 0.273564  34 1 0 -1.136120 -1.556773 -1.082668  35 1 0 -3.063186 2.056641 -1.694988  36 1 0 -5.513013 1.954556 -1.984561  37 1 0 -6.816538 0.139371 -0.923682  38 1 0 -2.016426 -1.599674 1.274652  39 1 0 -3.346955 -3.340216 2.362021  40 1 0 -5.800061 -3.488022 1.967873  41 1 0 -6.911736 -1.838616 0.505182  42 1 0 6.732238 1.432070 -0.398602  43 1 0 5.214138 2.959871 -1.617886  44 1 0 2.781389 2.533088 -1.641317  45 1 0 2.172088 -1.291297 1.237909  46 1 0 3.692963 -2.709446 2.519357  47 1 0 6.153891 -2.348201 2.411944  48 1 0 7.064589 -0.498895 1.052547  49 1 0 -2.563796 2.621703 0.876189  50 1 0 -2.794592 4.713728 1.544219  51 1 0 2.513115 -1.539223 -1.664007  52 1 0 2.748299 -3.607938 -2.402834  53 1 0 -1.258266 5.395136 2.147105  54 1 0 -1.836218 5.849534 0.552713  55 1 0 1.736003 -4.770833 -1.501600  56 1 0 1.228612 -4.240429 -3.096828 |
| TM\_NP\_model\_scan\_p\_50\_p\_140 | 1 6 0 -1.387242 0.657038 0.489263  2 6 0 -0.587999 1.728117 0.084240  3 6 0 0.806825 1.654945 0.014432  4 6 0 1.454223 0.441404 0.344812  5 6 0 0.657913 -0.631715 0.750687  6 6 0 -0.735003 -0.554322 0.828585  7 6 0 2.938077 0.322081 0.443008  8 6 0 3.638772 1.242033 1.202415  9 6 0 5.036518 1.157112 1.370248  10 6 0 5.743775 0.150540 0.764269  11 6 0 5.083931 -0.801206 -0.054097  12 6 0 3.663789 -0.715416 -0.235826  13 6 0 3.047693 -1.646599 -1.115746  14 6 0 3.780222 -2.622665 -1.747674  15 6 0 5.173419 -2.723846 -1.539173  16 6 0 5.807376 -1.828472 -0.714737  17 6 0 -2.869923 0.817031 0.408815  18 6 0 -3.719015 -0.094875 -0.314210  19 6 0 -5.129861 0.165215 -0.364552  20 6 0 -5.650696 1.340971 0.231077  21 6 0 -4.810605 2.247442 0.824892  22 6 0 -3.427736 1.987817 0.895616  23 6 0 -3.230838 -1.211814 -1.047289  24 6 0 -4.081243 -2.054294 -1.722435  25 6 0 -5.475490 -1.831226 -1.709880  26 6 0 -5.981999 -0.739477 -1.051774  27 6 0 1.549858 2.820023 -0.513007  28 7 0 1.020833 3.970805 -0.612471  29 6 0 1.812112 5.036945 -1.192691  30 6 0 -1.472492 -1.691678 1.423499  31 7 0 -0.941658 -2.833840 1.582938  32 6 0 -1.728494 -3.868459 2.223180  33 1 0 -1.047808 2.654206 -0.235379  34 1 0 1.119372 -1.557007 1.071696  35 1 0 3.092914 2.022858 1.719332  36 1 0 5.543111 1.887080 1.991401  37 1 0 6.817724 0.071649 0.896442  38 1 0 1.983355 -1.577061 -1.296291  39 1 0 3.285531 -3.318465 -2.415958  40 1 0 5.738940 -3.502145 -2.039035  41 1 0 6.879835 -1.887221 -0.560498  42 1 0 -6.719546 1.521156 0.186414  43 1 0 -5.202899 3.162786 1.253174  44 1 0 -2.787248 2.701708 1.400450  45 1 0 -2.166231 -1.393069 -1.092096  46 1 0 -3.676183 -2.892368 -2.278399  47 1 0 -6.136987 -2.509409 -2.236965  48 1 0 -7.048043 -0.537360 -1.061240  49 1 0 2.580259 2.631529 -0.839145  50 1 0 2.826774 4.728011 -1.486241  51 1 0 -2.500387 -1.484832 1.747548  52 1 0 -2.741815 -3.545109 2.504263  53 1 0 1.293781 5.430510 -2.072939  54 1 0 1.884938 5.861991 -0.476967  55 1 0 -1.804521 -4.729568 1.551776  56 1 0 -1.204290 -4.214532 3.119700 |
| TM\_NP\_model\_scan\_p\_50\_p\_150 | 1 6 0 -1.388592 0.684957 0.517309  2 6 0 -0.572951 1.751448 0.126018  3 6 0 0.820498 1.667508 0.055072  4 6 0 1.457360 0.440997 0.355424  5 6 0 0.649815 -0.629382 0.744361  6 6 0 -0.741607 -0.538264 0.830526  7 6 0 2.939825 0.302170 0.442824  8 6 0 3.656149 1.196800 1.217797  9 6 0 5.053605 1.090635 1.375655  10 6 0 5.744813 0.088831 0.743659  11 6 0 5.068592 -0.836442 -0.091448  12 6 0 3.648655 -0.729170 -0.262621  13 6 0 3.015748 -1.632986 -1.158954  14 6 0 3.732396 -2.603584 -1.816976  15 6 0 5.125475 -2.726395 -1.619430  16 6 0 5.775361 -1.857597 -0.779139  17 6 0 -2.867981 0.850759 0.381346  18 6 0 -3.716911 -0.107477 -0.286853  19 6 0 -5.122491 0.169333 -0.394929  20 6 0 -5.635225 1.409062 0.059849  21 6 0 -4.788705 2.362323 0.563857  22 6 0 -3.415755 2.084347 0.701346  23 6 0 -3.236579 -1.282010 -0.930596  24 6 0 -4.088025 -2.164567 -1.551236  25 6 0 -5.479776 -1.929661 -1.571569  26 6 0 -5.978354 -0.780202 -1.014334  27 6 0 1.572591 2.836163 -0.451555  28 7 0 1.054074 3.993584 -0.526043  29 6 0 1.853684 5.064089 -1.086547  30 6 0 -1.475420 -1.664464 1.453594  31 7 0 -0.957119 -2.813636 1.601637  32 6 0 -1.735249 -3.830810 2.279522  33 1 0 -1.017772 2.685224 -0.190482  34 1 0 1.101412 -1.564528 1.050474  35 1 0 3.123081 1.972805 1.754956  36 1 0 5.572816 1.800338 2.009736  37 1 0 6.818402 -0.006238 0.867850  38 1 0 1.951316 -1.546290 -1.331456  39 1 0 3.225266 -3.278175 -2.497564  40 1 0 5.678316 -3.500168 -2.140074  41 1 0 6.847903 -1.932940 -0.632907  42 1 0 -6.699320 1.600473 -0.028772  43 1 0 -5.168951 3.329173 0.873234  44 1 0 -2.779875 2.838337 1.149880  45 1 0 -2.174855 -1.477643 -0.958246  46 1 0 -3.683580 -3.043463 -2.040605  47 1 0 -6.143297 -2.641007 -2.050103  48 1 0 -7.040469 -0.562761 -1.059212  49 1 0 2.600305 2.644846 -0.784380  50 1 0 2.864519 4.751770 -1.389510  51 1 0 -2.487025 -1.438543 1.814494  52 1 0 -2.729921 -3.487592 2.600777  53 1 0 1.336699 5.480787 -1.956892  54 1 0 1.936412 5.873357 -0.354076  55 1 0 -1.855067 -4.693484 1.616516  56 1 0 -1.180674 -4.182383 3.155364 |
| TM\_NP\_model\_scan\_p\_50\_p\_160 | 1 6 0 -1.390426 0.706373 0.537299  2 6 0 -0.555720 1.768623 0.166956  3 6 0 0.836274 1.674480 0.097058  4 6 0 1.462240 0.434691 0.361874  5 6 0 0.642045 -0.633913 0.725848  6 6 0 -0.747966 -0.529469 0.818930  7 6 0 2.942817 0.277232 0.442711  8 6 0 3.670517 1.141814 1.240810  9 6 0 5.067008 1.015544 1.392553  10 6 0 5.745807 0.024558 0.730675  11 6 0 5.057678 -0.869145 -0.128702  12 6 0 3.638626 -0.741820 -0.292860  13 6 0 2.993486 -1.613135 -1.212249  14 6 0 3.698013 -2.572163 -1.899742  15 6 0 5.090273 -2.715091 -1.710131  16 6 0 5.751702 -1.877705 -0.847241  17 6 0 -2.865572 0.883524 0.347146  18 6 0 -3.724269 -0.110812 -0.261631  19 6 0 -5.123708 0.181443 -0.415218  20 6 0 -5.616900 1.470212 -0.098264  21 6 0 -4.752752 2.454409 0.305208  22 6 0 -3.391163 2.160089 0.499696  23 6 0 -3.262444 -1.334458 -0.822862  24 6 0 -4.124080 -2.248729 -1.380603  25 6 0 -5.512723 -2.000952 -1.418365  26 6 0 -5.993233 -0.802496 -0.957740  27 6 0 1.598181 2.849818 -0.378948  28 7 0 1.088978 4.012864 -0.424183  29 6 0 1.898232 5.091448 -0.954570  30 6 0 -1.475645 -1.647338 1.467451  31 7 0 -0.966092 -2.801020 1.608891  32 6 0 -1.733205 -3.803573 2.320284  33 1 0 -0.981393 2.713197 -0.140711  34 1 0 1.082049 -1.580301 1.013804  35 1 0 3.147346 1.908364 1.800845  36 1 0 5.595276 1.701151 2.045388  37 1 0 6.818532 -0.085755 0.849558  38 1 0 1.929534 -1.510410 -1.378983  39 1 0 3.181942 -3.221808 -2.597652  40 1 0 5.633422 -3.479349 -2.254486  41 1 0 6.823755 -1.968611 -0.706415  42 1 0 -6.675593 1.672403 -0.220540  43 1 0 -5.110634 3.459665 0.495988  44 1 0 -2.754553 2.946279 0.886223  45 1 0 -2.204320 -1.544768 -0.845771  46 1 0 -3.727996 -3.162461 -1.809237  47 1 0 -6.185740 -2.738154 -1.841214  48 1 0 -7.050646 -0.569633 -1.028248  49 1 0 2.625009 2.659135 -0.714678  50 1 0 2.907129 4.779124 -1.263854  51 1 0 -2.472154 -1.406156 1.859242  52 1 0 -2.712244 -3.445813 2.672272  53 1 0 1.386490 5.535532 -1.814404  54 1 0 1.985997 5.880027 -0.200440  55 1 0 -1.886036 -4.669529 1.668382  56 1 0 -1.153925 -4.155781 3.179727 |
| TM\_NP\_model\_scan\_p\_60\_m\_0 | 1 6 0 -1.415828 0.420683 -0.332268  2 6 0 -0.907495 -0.864524 -0.075437  3 6 0 0.445292 -1.213164 -0.140920  4 6 0 1.403791 -0.212777 -0.391359  5 6 0 0.934971 1.087545 -0.577800  6 6 0 -0.419002 1.424048 -0.545955  7 6 0 2.857796 -0.502589 -0.555545  8 6 0 3.267120 -1.343862 -1.573090  9 6 0 4.632477 -1.612797 -1.806578  10 6 0 5.593815 -1.039368 -1.013764  11 6 0 5.229568 -0.183369 0.056709  12 6 0 3.843540 0.089852 0.302212  13 6 0 3.508664 0.916032 1.409224  14 6 0 4.483907 1.460919 2.209509  15 6 0 5.849477 1.208045 1.950925  16 6 0 6.209870 0.401262 0.900642  17 6 0 -2.807155 0.716939 0.142065  18 6 0 -3.880853 -0.263313 0.068283  19 6 0 -5.168855 0.075790 0.608439  20 6 0 -5.429263 1.398791 1.044119  21 6 0 -4.468268 2.362536 0.906230  22 6 0 -3.186055 2.021426 0.432014  23 6 0 -3.785505 -1.523091 -0.588529  24 6 0 -4.826185 -2.422762 -0.595313  25 6 0 -6.041734 -2.125787 0.053197  26 6 0 -6.208558 -0.890875 0.625288  27 6 0 0.835945 -2.604798 0.168921  28 7 0 -0.010863 -3.551164 0.206046  29 6 0 0.459713 -4.874179 0.563736  30 6 0 -0.746620 2.796274 -1.007783  31 7 0 0.034723 3.781498 -0.831565  32 6 0 -0.332525 5.055773 -1.417105  33 1 0 -1.561742 -1.648728 0.269005  34 1 0 1.632919 1.884153 -0.802105  35 1 0 2.520973 -1.785362 -2.224226  36 1 0 4.913977 -2.267828 -2.623308  37 1 0 6.645988 -1.235293 -1.191660  38 1 0 2.466409 1.112822 1.624066  39 1 0 4.203613 2.087771 3.048467  40 1 0 6.609013 1.647112 2.587933  41 1 0 7.255949 0.192653 0.701539  42 1 0 -6.408137 1.637239 1.446101  43 1 0 -4.670390 3.390001 1.186529  44 1 0 -2.436955 2.798271 0.464289  45 1 0 -2.891374 -1.779241 -1.135053  46 1 0 -4.709394 -3.365482 -1.117770  47 1 0 -6.846552 -2.851958 0.063474  48 1 0 -7.156763 -0.615755 1.075337  49 1 0 1.899051 -2.775341 0.380292  50 1 0 1.541504 -4.922349 0.759616  51 1 0 -1.683487 2.900339 -1.572705  52 1 0 -1.293123 5.037187 -1.954512  53 1 0 -0.076714 -5.217057 1.454196  54 1 0 0.212290 -5.574102 -0.240679  55 1 0 -0.379600 5.814847 -0.629980  56 1 0 0.453259 5.371804 -2.110594 |
| TM\_NP\_model\_scan\_p\_60\_m\_10 | 1 6 0 -1.409351 0.385260 -0.242216  2 6 0 -0.894709 -0.893557 0.022961  3 6 0 0.460254 -1.227816 -0.062484  4 6 0 1.401280 -0.222100 -0.362277  5 6 0 0.918245 1.068915 -0.574638  6 6 0 -0.438324 1.393919 -0.515915  7 6 0 2.853968 -0.503832 -0.554942  8 6 0 3.246378 -1.367439 -1.560289  9 6 0 4.608049 -1.632106 -1.818933  10 6 0 5.582998 -1.032207 -1.063216  11 6 0 5.236836 -0.152495 -0.006096  12 6 0 3.854704 0.116849 0.264541  13 6 0 3.539199 0.968298 1.358070  14 6 0 4.528314 1.539629 2.122000  15 6 0 5.889505 1.289786 1.838452  16 6 0 6.231774 0.459798 0.800282  17 6 0 -2.802068 0.683075 0.215301  18 6 0 -3.889533 -0.264044 0.053889  19 6 0 -5.188838 0.076719 0.562900  20 6 0 -5.425430 1.370804 1.090129  21 6 0 -4.427484 2.307667 1.080900  22 6 0 -3.139350 1.966062 0.623616  23 6 0 -3.782679 -1.495569 -0.651684  24 6 0 -4.840936 -2.368083 -0.752666  25 6 0 -6.082988 -2.067693 -0.156544  26 6 0 -6.250850 -0.861166 0.473372  27 6 0 0.875536 -2.607239 0.269524  28 7 0 0.041862 -3.562651 0.347645  29 6 0 0.537578 -4.871714 0.722144  30 6 0 -0.809029 2.752230 -0.982094  31 7 0 -0.017184 3.741488 -0.898153  32 6 0 -0.440166 5.003619 -1.471837  33 1 0 -1.545085 -1.676608 0.381751  34 1 0 1.603602 1.864228 -0.839170  35 1 0 2.489032 -1.830782 -2.182666  36 1 0 4.875668 -2.305246 -2.625543  37 1 0 6.632279 -1.224826 -1.260731  38 1 0 2.500676 1.163368 1.591627  39 1 0 4.262637 2.185213 2.951468  40 1 0 6.660073 1.749710 2.446850  41 1 0 7.274561 0.253718 0.582171  42 1 0 -6.413076 1.610923 1.469135  43 1 0 -4.609010 3.311807 1.446814  44 1 0 -2.361300 2.707507 0.738164  45 1 0 -2.860267 -1.748532 -1.151956  46 1 0 -4.718361 -3.291785 -1.306826  47 1 0 -6.904254 -2.772010 -0.225062  48 1 0 -7.213112 -0.589001 0.894457  49 1 0 1.945278 -2.759958 0.459939  50 1 0 1.623772 -4.901823 0.896148  51 1 0 -1.794983 2.844385 -1.457655  52 1 0 -1.444567 4.972848 -1.921292  53 1 0 0.024257 -5.203461 1.630241  54 1 0 0.283019 -5.591027 -0.062727  55 1 0 -0.420682 5.776876 -0.697364  56 1 0 0.279785 5.309205 -2.237699 |
| TM\_NP\_model\_scan\_p\_60\_m\_20 | 1 6 0 -1.402488 0.350165 -0.149119  2 6 0 -0.880972 -0.921489 0.125141  3 6 0 0.475897 -1.241785 0.020387  4 6 0 1.398026 -0.233181 -0.330939  5 6 0 0.899959 1.047852 -0.567246  6 6 0 -0.458318 1.362136 -0.480346  7 6 0 2.848261 -0.507897 -0.553914  8 6 0 3.222184 -1.394980 -1.545733  9 6 0 4.578906 -1.655593 -1.832938  10 6 0 5.567924 -1.027246 -1.119868  11 6 0 5.241584 -0.121471 -0.078596  12 6 0 3.864619 0.143632 0.221192  13 6 0 3.570622 1.023524 1.298096  14 6 0 4.574371 1.624939 2.018614  15 6 0 5.929811 1.378495 1.706069  16 6 0 6.251940 0.521976 0.683132  17 6 0 -2.800992 0.647792 0.281697  18 6 0 -3.895302 -0.265330 0.033597  19 6 0 -5.205785 0.074850 0.511494  20 6 0 -5.428161 1.332266 1.127138  21 6 0 -4.404482 2.235106 1.240088  22 6 0 -3.109117 1.896272 0.800984  23 6 0 -3.772683 -1.464806 -0.721552  24 6 0 -4.842091 -2.306407 -0.918255  25 6 0 -6.107606 -2.002883 -0.373871  26 6 0 -6.282165 -0.829682 0.314995  27 6 0 0.916260 -2.607355 0.376779  28 7 0 0.096636 -3.569758 0.502621  29 6 0 0.618104 -4.862854 0.896938  30 6 0 -0.868157 2.709705 -0.940845  31 7 0 -0.074876 3.701496 -0.930986  32 6 0 -0.545679 4.956437 -1.482404  33 1 0 -1.526746 -1.703744 0.497529  34 1 0 1.571958 1.840942 -0.870150  35 1 0 2.453167 -1.881204 -2.135481  36 1 0 4.831249 -2.348257 -2.627857  37 1 0 6.613376 -1.216394 -1.339767  38 1 0 2.536971 1.216980 1.553439  39 1 0 4.324858 2.292024 2.836011  40 1 0 6.711971 1.862208 2.280272  41 1 0 7.290390 0.318692 0.442840  42 1 0 -6.424106 1.572617 1.483742  43 1 0 -4.574695 3.208653 1.685564  44 1 0 -2.311387 2.602640 0.988371  45 1 0 -2.825422 -1.714926 -1.176118  46 1 0 -4.711003 -3.207992 -1.505906  47 1 0 -6.939590 -2.681938 -0.522106  48 1 0 -7.257848 -0.561303 0.706622  49 1 0 1.992397 -2.742708 0.542595  50 1 0 1.708792 -4.875969 1.042772  51 1 0 -1.889000 2.794153 -1.336559  52 1 0 -1.581542 4.918305 -1.852714  53 1 0 0.132805 -5.177288 1.826372  54 1 0 0.351879 -5.605018 0.137619  55 1 0 -0.469768 5.737028 -0.718778  56 1 0 0.112151 5.257216 -2.304034 |
| TM\_NP\_model\_scan\_p\_60\_m\_30 | 1 6 0 -1.396423 0.320722 -0.053529  2 6 0 -0.866545 -0.943750 0.226736  3 6 0 0.491609 -1.250779 0.101054  4 6 0 1.393661 -0.240384 -0.298799  5 6 0 0.879820 1.030716 -0.553605  6 6 0 -0.479338 1.334960 -0.437155  7 6 0 2.840287 -0.508552 -0.554144  8 6 0 3.195008 -1.415936 -1.534561  9 6 0 4.545640 -1.672752 -1.852262  10 6 0 5.548164 -1.019763 -1.181474  11 6 0 5.242245 -0.091676 -0.153762  12 6 0 3.871633 0.169563 0.177045  13 6 0 3.599489 1.073464 1.239732  14 6 0 4.617170 1.700585 1.917528  15 6 0 5.965701 1.457423 1.574110  16 6 0 6.267302 0.578521 0.563992  17 6 0 -2.803065 0.611642 0.349647  18 6 0 -3.896352 -0.265617 0.008571  19 6 0 -5.218096 0.064349 0.459892  20 6 0 -5.438226 1.271175 1.170528  21 6 0 -4.400649 2.134576 1.407024  22 6 0 -3.096606 1.808585 0.982909  23 6 0 -3.752242 -1.422218 -0.806361  24 6 0 -4.824004 -2.231051 -1.101341  25 6 0 -6.109907 -1.932933 -0.602035  26 6 0 -6.298916 -0.803731 0.153737  27 6 0 0.956985 -2.602403 0.478330  28 7 0 0.151987 -3.569036 0.655509  29 6 0 0.699187 -4.846085 1.066668  30 6 0 -0.924747 2.674295 -0.884808  31 7 0 -0.131700 3.664112 -0.954083  32 6 0 -0.646235 4.914339 -1.475825  33 1 0 -1.506103 -1.726403 0.611610  34 1 0 1.537369 1.821806 -0.891573  35 1 0 2.414622 -1.922206 -2.091600  36 1 0 4.782322 -2.382314 -2.637038  37 1 0 6.588883 -1.205756 -1.425225  38 1 0 2.571504 1.265046 1.518191  39 1 0 4.384180 2.385743 2.724799  40 1 0 6.758961 1.961559 2.114534  41 1 0 7.300552 0.377953 0.300154  42 1 0 -6.442491 1.504353 1.508129  43 1 0 -4.569376 3.066214 1.935077  44 1 0 -2.288249 2.480483 1.242800  45 1 0 -2.783784 -1.663723 -1.220630  46 1 0 -4.680082 -3.102512 -1.730026  47 1 0 -6.944936 -2.584957 -0.832167  48 1 0 -7.287319 -0.545534 0.519456  49 1 0 2.039077 -2.722668 0.614175  50 1 0 1.794068 -4.844984 1.177731  51 1 0 -1.975325 2.757334 -1.191631  52 1 0 -1.711151 4.876057 -1.751561  53 1 0 0.246936 -5.140367 2.019102  54 1 0 0.416622 -5.610770 0.336145  55 1 0 -0.500121 5.703185 -0.731132  56 1 0 -0.063469 5.203220 -2.356344 |
| TM\_NP\_model\_scan\_p\_60\_m\_40 | 1 6 0 -1.390338 0.299282 0.036186  2 6 0 -0.851376 -0.958006 0.321015  3 6 0 0.507102 -1.253932 0.171620  4 6 0 1.389461 -0.242548 -0.270440  5 6 0 0.859714 1.018557 -0.541595  6 6 0 -0.499774 1.312884 -0.399069  7 6 0 2.832182 -0.503941 -0.555651  8 6 0 3.171583 -1.427840 -1.525950  9 6 0 4.516623 -1.680622 -1.869635  10 6 0 5.529085 -1.007953 -1.234126  11 6 0 5.239412 -0.063067 -0.217108  12 6 0 3.874623 0.194837 0.139351  13 6 0 3.619613 1.116141 1.191309  14 6 0 4.647489 1.762024 1.835217  15 6 0 5.989814 1.521750 1.466349  16 6 0 6.275264 0.627009 0.465503  17 6 0 -2.806844 0.579961 0.410240  18 6 0 -3.892172 -0.262452 -0.018074  19 6 0 -5.223740 0.046645 0.417292  20 6 0 -5.451556 1.192942 1.219952  21 6 0 -4.411224 2.015707 1.567014  22 6 0 -3.098250 1.711202 1.153242  23 6 0 -3.723526 -1.368997 -0.895008  24 6 0 -4.789685 -2.147997 -1.276622  25 6 0 -6.091238 -1.865574 -0.807990  26 6 0 -6.299693 -0.787243 0.014419  27 6 0 0.994806 -2.594477 0.559953  28 7 0 0.203767 -3.564398 0.777394  29 6 0 0.773858 -4.829502 1.194121  30 6 0 -0.976223 2.644837 -0.833539  31 7 0 -0.189007 3.631821 -0.974632  32 6 0 -0.740445 4.878835 -1.465017  33 1 0 -1.483472 -1.741552 0.718045  34 1 0 1.502721 1.807590 -0.911042  35 1 0 2.382724 -1.950648 -2.055087  36 1 0 4.740967 -2.403236 -2.646088  37 1 0 6.565403 -1.191075 -1.497969  38 1 0 2.596619 1.305693 1.488832  39 1 0 4.427549 2.459895 2.635237  40 1 0 6.791223 2.040758 1.980015  41 1 0 7.303829 0.428778 0.182299  42 1 0 -6.463219 1.411529 1.545068  43 1 0 -4.586375 2.897758 2.172516  44 1 0 -2.287070 2.350358 1.481040  45 1 0 -2.738516 -1.595413 -1.279290  46 1 0 -4.630353 -2.983814 -1.948525  47 1 0 -6.922453 -2.492629 -1.110180  48 1 0 -7.298496 -0.546789 0.363602  49 1 0 2.081330 -2.703257 0.666885  50 1 0 1.871479 -4.817495 1.273052  51 1 0 -2.047169 2.727691 -1.057664  52 1 0 -1.823780 4.841136 -1.655780  53 1 0 0.352018 -5.111115 2.164181  54 1 0 0.476835 -5.608997 0.485288  55 1 0 -0.534574 5.673289 -0.740675  56 1 0 -0.227803 5.158815 -2.390858 |
| TM\_NP\_model\_scan\_p\_60\_m\_50 | 1 6 0 1.385051 0.274390 -0.129459  2 6 0 0.833117 -0.975271 -0.414506  3 6 0 -0.525418 -1.258107 -0.238989  4 6 0 -1.385326 -0.243878 0.241329  5 6 0 -0.836806 1.006928 0.522234  6 6 0 0.522513 1.288842 0.350989  7 6 0 -2.823584 -0.495332 0.558076  8 6 0 -3.149250 -1.431426 1.521318  9 6 0 -4.488313 -1.676677 1.892759  10 6 0 -5.508765 -0.984968 1.291382  11 6 0 -5.233743 -0.027503 0.282110  12 6 0 -3.875150 0.223306 -0.101944  13 6 0 -3.635732 1.157572 -1.146109  14 6 0 -4.671977 1.821834 -1.757017  15 6 0 -6.007682 1.588366 -1.360725  16 6 0 -6.278452 0.681884 -0.366393  17 6 0 2.810874 0.537393 -0.484017  18 6 0 3.883974 -0.257322 0.045063  19 6 0 5.226037 0.020006 -0.378140  20 6 0 5.468668 1.082880 -1.284959  21 6 0 4.432672 1.852503 -1.748774  22 6 0 3.109733 1.579719 -1.342875  23 6 0 3.687049 -1.290126 1.001958  24 6 0 4.742914 -2.026151 1.483603  25 6 0 6.059107 -1.770373 1.039728  26 6 0 6.291459 -0.766231 0.133647  27 6 0 -1.037702 -2.587495 -0.633839  28 7 0 -0.263312 -3.560908 -0.891849  29 6 0 -0.858563 -4.813710 -1.310384  30 6 0 1.030783 2.613406 0.768899  31 7 0 0.256156 3.596214 0.987740  32 6 0 0.844089 4.839690 1.443035  33 1 0 1.454401 -1.762220 -0.823029  34 1 0 -1.462599 1.796152 0.919928  35 1 0 -2.353429 -1.970062 2.023472  36 1 0 -4.701544 -2.409091 2.663145  37 1 0 -6.540368 -1.162511 1.576644  38 1 0 -2.618019 1.341904 -1.464298  39 1 0 -4.463963 2.529083 -2.551986  40 1 0 -6.815791 2.121949 -1.848295  41 1 0 -7.302056 0.488915 -0.062346  42 1 0 6.488076 1.279337 -1.600005  43 1 0 4.620256 2.667596 -2.438560  44 1 0 2.301123 2.177715 -1.747333  45 1 0 2.686932 -1.493333 1.360865  46 1 0 4.564970 -2.807437 2.213935  47 1 0 6.882635 -2.362009 1.423407  48 1 0 7.300561 -0.551745 -0.202668  49 1 0 -2.127992 -2.684433 -0.708759  50 1 0 -1.958019 -4.790597 -1.353332  51 1 0 2.116529 2.696463 0.903060  52 1 0 1.939379 4.802493 1.544366  53 1 0 -0.471044 -5.082934 -2.298135  54 1 0 -0.546064 -5.607524 -0.624465  55 1 0 0.578624 5.640147 0.745139  56 1 0 0.408031 5.110112 2.410021 |
| TM\_NP\_model\_scan\_p\_60\_m\_60 | 1 6 0 1.381175 -0.237536 0.228246  2 6 0 0.809524 1.003370 0.505460  3 6 0 -0.549276 1.267276 0.300971  4 6 0 -1.381575 0.244760 -0.210650  5 6 0 -0.809304 -0.995946 -0.488739  6 6 0 0.549363 -1.259860 -0.283970  7 6 0 -2.814666 0.479378 -0.562982  8 6 0 -3.128025 1.419545 -1.526297  9 6 0 -4.460298 1.650491 -1.929999  10 6 0 -5.486551 0.940600 -1.360578  11 6 0 -5.224755 -0.021589 -0.352265  12 6 0 -3.873220 -0.257973 0.064346  13 6 0 -3.648258 -1.197169 1.107282  14 6 0 -4.690895 -1.879415 1.686667  15 6 0 -6.019013 -1.660210 1.258049  16 6 0 -6.276229 -0.749542 0.263940  17 6 0 2.816048 -0.470819 0.575401  18 6 0 3.872095 0.250750 -0.073430  19 6 0 5.225862 0.018204 0.337960  20 6 0 5.491606 -0.923930 1.364023  21 6 0 4.466982 -1.617607 1.955996  22 6 0 3.132519 -1.390451 1.557089  23 6 0 3.641729 1.171489 -1.131530  24 6 0 4.682051 1.839300 -1.731498  25 6 0 6.012800 1.623097 -1.309417  26 6 0 6.274885 0.730574 -0.300202  27 6 0 -1.091266 2.585175 0.694384  28 7 0 -0.338644 3.564512 0.991539  29 6 0 -0.963857 4.804281 1.404950  30 6 0 1.092010 -2.578421 -0.673953  31 7 0 0.340039 -3.555966 -0.978523  32 6 0 0.966334 -4.797095 -1.386118  33 1 0 1.414700 1.798532 0.922954  34 1 0 -1.413877 -1.790802 -0.907650  35 1 0 -2.326868 1.972895 -2.003358  36 1 0 -4.663428 2.386668 -2.699531  37 1 0 -6.512793 1.107228 -1.670674  38 1 0 -2.636590 -1.370501 1.450008  39 1 0 -4.493972 -2.589948 2.481542  40 1 0 -6.832216 -2.208016 1.720736  41 1 0 -7.294185 -0.567402 -0.064740  42 1 0 6.519488 -1.087958 1.670058  43 1 0 4.673204 -2.337972 2.739547  44 1 0 2.332761 -1.931237 2.050672  45 1 0 2.627688 1.342404 -1.468556  46 1 0 4.481356 2.536136 -2.537478  47 1 0 6.824191 2.159194 -1.788714  48 1 0 7.294790 0.551548 0.024125  49 1 0 -2.184574 2.667659 0.733454  50 1 0 -2.063782 4.767386 1.408771  51 1 0 2.185469 -2.663328 -0.702680  52 1 0 2.066316 -4.762757 -1.379142  53 1 0 -0.614725 5.064846 2.409223  54 1 0 -0.637332 5.610971 0.740942  55 1 0 0.631397 -5.603172 -0.725571  56 1 0 0.626448 -5.056556 -2.393847 |
| TM\_NP\_model\_scan\_p\_60\_m\_70 | 1 6 0 -1.376652 -0.170936 -0.316335  2 6 0 -0.776177 1.059168 -0.573528  3 6 0 0.583821 1.292881 -0.338092  4 6 0 1.381720 0.250874 0.189228  5 6 0 0.777517 -0.978450 0.450342  6 6 0 -0.581180 -1.212337 0.211771  7 6 0 2.811603 0.452891 0.574068  8 6 0 3.124723 1.383577 1.546575  9 6 0 4.452812 1.584411 1.979158  10 6 0 5.475400 0.854220 1.429126  11 6 0 5.214396 -0.098892 0.412053  12 6 0 3.867215 -0.304723 -0.033776  13 6 0 3.644421 -1.234983 -1.085204  14 6 0 4.684229 -1.937214 -1.645437  15 6 0 6.007353 -1.748287 -1.187921  16 6 0 6.262865 -0.847050 -0.184836  17 6 0 -2.817982 -0.365233 -0.669924  18 6 0 -3.861800 0.241911 0.100550  19 6 0 -5.223511 0.055630 -0.307189  20 6 0 -5.505912 -0.725560 -1.456841  21 6 0 -4.489740 -1.305160 -2.173111  22 6 0 -3.147120 -1.123605 -1.775801  23 6 0 -3.607738 1.009347 1.269510  24 6 0 -4.636663 1.572098 1.985525  25 6 0 -5.977106 1.397373 1.574120  26 6 0 -6.260354 0.654810 0.454829  27 6 0 1.162908 2.600081 -0.713554  28 7 0 0.438843 3.594608 -1.030682  29 6 0 1.100412 4.822193 -1.423118  30 6 0 -1.163344 -2.525099 0.559995  31 7 0 -0.447068 -3.506450 0.930840  32 6 0 -1.113620 -4.745127 1.277137  33 1 0 -1.358461 1.870042 -0.993674  34 1 0 1.355799 -1.788134 0.878025  35 1 0 2.325774 1.952801 2.008423  36 1 0 4.655433 2.313823 2.755236  37 1 0 6.498198 0.997828 1.761321  38 1 0 2.636763 -1.385178 -1.449928  39 1 0 4.489079 -2.640215 -2.447426  40 1 0 6.818260 -2.311688 -1.635669  41 1 0 7.277322 -0.687918 0.165864  42 1 0 -6.539681 -0.857116 -1.758773  43 1 0 -4.709045 -1.901076 -3.051883  44 1 0 -2.353876 -1.576959 -2.359823  45 1 0 -2.584519 1.147604 1.594795  46 1 0 -4.420228 2.154152 2.874284  47 1 0 -6.779304 1.848879 2.146938  48 1 0 -7.287539 0.511960 0.135564  49 1 0 2.258265 2.660734 -0.721261  50 1 0 2.199052 4.763311 -1.395486  51 1 0 -2.255623 -2.603572 0.490809  52 1 0 -2.208230 -4.705029 1.170934  53 1 0 0.785587 5.091531 -2.436402  54 1 0 0.771126 5.634099 -0.766873  55 1 0 -0.724333 -5.551355 0.647269  56 1 0 -0.867213 -5.008493 2.310715 |
| TM\_NP\_model\_scan\_p\_60\_m\_80 | 1 6 0 -1.374951 -0.079076 -0.404677  2 6 0 -0.737380 1.138885 -0.622399  3 6 0 0.624312 1.328763 -0.356174  4 6 0 1.381816 0.253540 0.163583  5 6 0 0.740656 -0.966220 0.378814  6 6 0 -0.618472 -1.156437 0.106637  7 6 0 2.806049 0.409667 0.588852  8 6 0 3.115383 1.307861 1.592638  9 6 0 4.435896 1.465570 2.064427  10 6 0 5.455059 0.724602 1.522533  11 6 0 5.198403 -0.196297 0.475128  12 6 0 3.859020 -0.357938 -0.010694  13 6 0 3.642173 -1.255944 -1.091018  14 6 0 4.679574 -1.969098 -1.641881  15 6 0 5.994186 -1.824055 -1.145423  16 6 0 6.244311 -0.954607 -0.113354  17 6 0 -2.823657 -0.215878 -0.761169  18 6 0 -3.848010 0.230107 0.133921  19 6 0 -5.219786 0.103530 -0.261264  20 6 0 -5.530049 -0.459381 -1.525758  21 6 0 -4.530970 -0.882690 -2.364931  22 6 0 -3.177660 -0.760392 -1.978589  23 6 0 -3.561138 0.786693 1.409625  24 6 0 -4.570840 1.199506 2.245242  25 6 0 -5.922499 1.078865 1.851121  26 6 0 -6.236207 0.543031 0.626606  27 6 0 1.246367 2.627707 -0.688809  28 7 0 0.556706 3.646653 -1.005287  29 6 0 1.259583 4.864542 -1.353409  30 6 0 -1.242444 -2.465749 0.387489  31 7 0 -0.568549 -3.465567 0.787077  32 6 0 -1.274086 -4.702938 1.050617  33 1 0 -1.291166 1.976796 -1.027722  34 1 0 1.288963 -1.802973 0.793785  35 1 0 2.318091 1.884597 2.047977  36 1 0 4.635081 2.170409 2.863751  37 1 0 6.471900 0.835084 1.884359  38 1 0 2.641257 -1.372355 -1.485523  39 1 0 4.489267 -2.646862 -2.466441  40 1 0 6.803100 -2.395689 -1.586281  41 1 0 7.252638 -0.828846 0.267303  42 1 0 -6.571281 -0.548991 -1.817268  43 1 0 -4.772036 -1.310874 -3.331372  44 1 0 -2.398768 -1.093796 -2.655374  45 1 0 -2.528096 0.884824 1.718945  46 1 0 -4.330747 1.621613 3.214619  47 1 0 -6.709454 1.410151 2.519301  48 1 0 -7.272086 0.446119 0.318346  49 1 0 2.342691 2.660334 -0.665619  50 1 0 2.355261 4.776486 -1.298731  51 1 0 -2.327824 -2.526137 0.236605  52 1 0 -2.357418 -4.644141 0.866482  53 1 0 0.978517 5.163851 -2.368214  54 1 0 0.934012 5.670415 -0.687919  55 1 0 -0.850186 -5.497799 0.428657  56 1 0 -1.106653 -4.996825 2.091707 |
| TM\_NP\_model\_scan\_p\_60\_m\_90 | 1 6 0 -1.371083 0.039472 -0.450405  2 6 0 -0.695680 1.246501 -0.601807  3 6 0 0.667921 1.382470 -0.311239  4 6 0 1.386631 0.261427 0.163950  5 6 0 0.707917 -0.948722 0.309245  6 6 0 -0.651927 -1.085011 0.011165  7 6 0 2.809100 0.353688 0.612958  8 6 0 3.131437 1.192270 1.663085  9 6 0 4.449821 1.288024 2.156957  10 6 0 5.454058 0.544895 1.590775  11 6 0 5.184289 -0.315824 0.496535  12 6 0 3.847115 -0.414137 -0.011908  13 6 0 3.618672 -1.251134 -1.137954  14 6 0 4.642270 -1.966425 -1.711429  15 6 0 5.953983 -1.884558 -1.193305  16 6 0 6.215587 -1.074446 -0.116783  17 6 0 -2.822999 -0.031500 -0.814876  18 6 0 -3.840682 0.204343 0.163866  19 6 0 -5.215687 0.144850 -0.235562  20 6 0 -5.535376 -0.143877 -1.587206  21 6 0 -4.542173 -0.363511 -2.507304  22 6 0 -3.185377 -0.306270 -2.117161  23 6 0 -3.543028 0.495192 1.522451  24 6 0 -4.546287 0.714605 2.435509  25 6 0 -5.901521 0.655947 2.039518  26 6 0 -6.225214 0.377878 0.734492  27 6 0 1.330658 2.677860 -0.571324  28 7 0 0.674324 3.729461 -0.849808  29 6 0 1.415796 4.942881 -1.125968  30 6 0 -1.313037 -2.393299 0.194807  31 7 0 -0.681523 -3.421983 0.590081  32 6 0 -1.419393 -4.658979 0.743667  33 1 0 -1.220645 2.120693 -0.966728  34 1 0 1.227557 -1.822085 0.683736  35 1 0 2.345312 1.769265 2.137110  36 1 0 4.658928 1.947056 2.992023  37 1 0 6.469061 0.607869 1.968767  38 1 0 2.620161 -1.318707 -1.549637  39 1 0 4.443360 -2.597012 -2.570670  40 1 0 6.751778 -2.457253 -1.652671  41 1 0 7.222174 -0.996842 0.280948  42 1 0 -6.579201 -0.186250 -1.880158  43 1 0 -4.790385 -0.581735 -3.539878  44 1 0 -2.410729 -0.480877 -2.855499  45 1 0 -2.506811 0.546402 1.832778  46 1 0 -4.298414 0.936689 3.467384  47 1 0 -6.683447 0.832534 2.769548  48 1 0 -7.263958 0.332728 0.423897  49 1 0 2.426864 2.679517 -0.528405  50 1 0 2.507621 4.821249 -1.059757  51 1 0 -2.386809 -2.428128 -0.029842  52 1 0 -2.487477 -4.572776 0.493366  53 1 0 1.159266 5.300594 -2.128270  54 1 0 1.102014 5.723133 -0.425206  55 1 0 -0.966564 -5.428191 0.109941  56 1 0 -1.324008 -5.007877 1.776805 |
| TM\_NP\_model\_scan\_p\_60\_m\_100 | 1 6 0 -1.367130 0.171729 -0.468568  2 6 0 -0.656157 1.365818 -0.536202  3 6 0 0.709122 1.442982 -0.231367  4 6 0 1.392698 0.272865 0.170884  5 6 0 0.679968 -0.925357 0.226681  6 6 0 -0.680274 -1.003085 -0.087846  7 6 0 2.813514 0.291972 0.633833  8 6 0 3.152259 1.046980 1.740739  9 6 0 4.467740 1.064416 2.251126  10 6 0 5.452509 0.326566 1.645284  11 6 0 5.166290 -0.448391 0.492639  12 6 0 3.832520 -0.465554 -0.033560  13 6 0 3.589312 -1.213948 -1.217438  14 6 0 4.594687 -1.923375 -1.829179  15 6 0 5.901939 -1.923886 -1.293607  16 6 0 6.178205 -1.199059 -0.161358  17 6 0 -2.821884 0.172696 -0.824889  18 6 0 -3.832387 0.168518 0.190153  19 6 0 -5.210840 0.179036 -0.201421  20 6 0 -5.541722 0.202490 -1.580787  21 6 0 -4.556102 0.219953 -2.534316  22 6 0 -3.195942 0.205874 -2.152500  23 6 0 -3.525121 0.164053 1.577587  24 6 0 -4.521619 0.158432 2.523914  25 6 0 -5.880060 0.159221 2.135304  26 6 0 -6.213241 0.171270 0.803409  27 6 0 1.409560 2.733683 -0.398315  28 7 0 0.785545 3.819633 -0.611795  29 6 0 1.563742 5.026933 -0.800223  30 6 0 -1.371885 -2.307049 -0.024076  31 7 0 -0.781244 -3.370114 0.342244  32 6 0 -1.543656 -4.601579 0.365062  33 1 0 -1.155422 2.278527 -0.837248  34 1 0 1.173920 -1.837645 0.537763  35 1 0 2.380733 1.616612 2.246583  36 1 0 4.689601 1.658428 3.130516  37 1 0 6.464627 0.328746 2.036037  38 1 0 2.594347 -1.217385 -1.643086  39 1 0 4.384795 -2.485579 -2.732166  40 1 0 6.684975 -2.491715 -1.783404  41 1 0 7.182017 -1.184064 0.250414  42 1 0 -6.588036 0.210330 -1.867846  43 1 0 -4.813060 0.242430 -3.587371  44 1 0 -2.427794 0.214689 -2.917651  45 1 0 -2.487276 0.171812 1.886688  46 1 0 -4.265312 0.157161 3.577406  47 1 0 -6.656513 0.154641 2.891978  48 1 0 -7.254388 0.177942 0.497693  49 1 0 2.504888 2.701593 -0.345856  50 1 0 2.650800 4.870069 -0.729790  51 1 0 -2.429539 -2.307861 -0.316750  52 1 0 -2.591377 -4.481066 0.051113  53 1 0 1.330420 5.455471 -1.780197  54 1 0 1.262557 5.769128 -0.054089  55 1 0 -1.059310 -5.335748 -0.286690  56 1 0 -1.522024 -5.018351 1.377013 |
| TM\_NP\_model\_scan\_p\_60\_m\_110 | 1 6 0 -1.364507 0.279608 -0.449011  2 6 0 -0.624484 1.458705 -0.436072  3 6 0 0.742441 1.484410 -0.131506  4 6 0 1.399351 0.275234 0.190924  5 6 0 0.659714 -0.907620 0.163449  6 6 0 -0.701221 -0.934240 -0.155837  7 6 0 2.819858 0.231023 0.652736  8 6 0 3.174768 0.902497 1.807530  9 6 0 4.489888 0.855508 2.316924  10 6 0 5.457938 0.137067 1.662699  11 6 0 5.155183 -0.552247 0.460898  12 6 0 3.822011 -0.502862 -0.064716  13 6 0 3.563113 -1.163666 -1.296470  14 6 0 4.552320 -1.853924 -1.954730  15 6 0 5.858368 -1.921628 -1.420480  16 6 0 6.149963 -1.281162 -0.242126  17 6 0 -2.820574 0.349508 -0.786718  18 6 0 -3.832566 0.121972 0.202896  19 6 0 -5.210716 0.219831 -0.178857  20 6 0 -5.541866 0.555322 -1.516777  21 6 0 -4.556037 0.793155 -2.439963  22 6 0 -3.196944 0.691980 -2.070127  23 6 0 -3.529707 -0.177416 1.558791  24 6 0 -4.528226 -0.391231 2.478472  25 6 0 -5.885784 -0.314082 2.094648  26 6 0 -6.215417 -0.011581 0.796839  27 6 0 1.472304 2.766889 -0.214075  28 7 0 0.874096 3.878632 -0.356861  29 6 0 1.680784 5.076751 -0.468753  30 6 0 -1.409319 -2.230323 -0.211716  31 7 0 -0.853363 -3.320650 0.127574  32 6 0 -1.624859 -4.542158 0.021456  33 1 0 -1.103757 2.402121 -0.666573  34 1 0 1.133887 -1.850799 0.405539  35 1 0 2.416030 1.454171 2.351195  36 1 0 4.724699 1.384107 3.233894  37 1 0 6.469400 0.089800 2.052323  38 1 0 2.569008 -1.114566 -1.721327  39 1 0 4.330472 -2.348698 -2.893613  40 1 0 6.628427 -2.473834 -1.947298  41 1 0 7.153238 -1.317564 0.169606  42 1 0 -6.588309 0.626282 -1.794338  43 1 0 -4.811974 1.056310 -3.460079  44 1 0 -2.428674 0.873304 -2.813315  45 1 0 -2.493312 -0.227813 1.867806  46 1 0 -4.273817 -0.616106 3.508140  47 1 0 -6.663998 -0.486962 2.829485  48 1 0 -7.255749 0.060013 0.496732  49 1 0 2.566530 2.705779 -0.164798  50 1 0 2.763604 4.890387 -0.405447  51 1 0 -2.444725 -2.201341 -0.573913  52 1 0 -2.647100 -4.390008 -0.356083  53 1 0 1.461462 5.569640 -1.421377  54 1 0 1.393965 5.778993 0.320429  55 1 0 -1.101825 -5.241222 -0.638929  56 1 0 -1.677279 -5.019791 1.004975 |
| TM\_NP\_model\_scan\_p\_60\_m\_120 | 1 6 0 -1.363907 0.351761 -0.449331  2 6 0 -0.601803 1.516248 -0.384989  3 6 0 0.765130 1.506419 -0.081566  4 6 0 1.401456 0.274716 0.192294  5 6 0 0.642598 -0.893369 0.110653  6 6 0 -0.717899 -0.884392 -0.210688  7 6 0 2.818318 0.189110 0.659001  8 6 0 3.174949 0.805967 1.843419  9 6 0 4.486264 0.720215 2.357414  10 6 0 5.448871 0.017694 1.678334  11 6 0 5.144213 -0.616456 0.447013  12 6 0 3.814801 -0.527660 -0.083074  13 6 0 3.554226 -1.133696 -1.342303  14 6 0 4.538106 -1.809118 -2.023552  15 6 0 5.840286 -1.915612 -1.486102  16 6 0 6.133472 -1.328383 -0.280733  17 6 0 -2.824399 0.470930 -0.744125  18 6 0 -3.827063 0.078518 0.205434  19 6 0 -5.209342 0.242709 -0.138385  20 6 0 -5.555862 0.815931 -1.388488  21 6 0 -4.580337 1.228440 -2.259528  22 6 0 -3.218412 1.060408 -1.930345  23 6 0 -3.515256 -0.434835 1.493961  24 6 0 -4.506090 -0.799007 2.373892  25 6 0 -5.866825 -0.667671 2.018055  26 6 0 -6.206184 -0.153689 0.791550  27 6 0 1.515531 2.779505 -0.108280  28 7 0 0.935827 3.905748 -0.206809  29 6 0 1.761954 5.094328 -0.265191  30 6 0 -1.433550 -2.170018 -0.355136  31 7 0 -0.906616 -3.278681 -0.029498  32 6 0 -1.678470 -4.487162 -0.235952  33 1 0 -1.065810 2.478104 -0.564785  34 1 0 1.101636 -1.854361 0.307783  35 1 0 2.420029 1.343808 2.405905  36 1 0 4.722440 1.206098 3.297367  37 1 0 6.457372 -0.059230 2.070903  38 1 0 2.563113 -1.053969 -1.769555  39 1 0 4.315140 -2.261746 -2.983207  40 1 0 6.606158 -2.455418 -2.031542  41 1 0 7.133858 -1.395049 0.134226  42 1 0 -6.605402 0.932841 -1.637230  43 1 0 -4.847033 1.679628 -3.208533  44 1 0 -2.459453 1.376649 -2.636958  45 1 0 -2.478255 -0.528895 1.788649  46 1 0 -4.241980 -1.183771 3.352517  47 1 0 -6.638778 -0.962733 2.719801  48 1 0 -7.248619 -0.033112 0.515471  49 1 0 2.608442 2.698917 -0.057657  50 1 0 2.841343 4.888145 -0.204950  51 1 0 -2.445115 -2.116801 -0.776904  52 1 0 -2.673822 -4.308967 -0.669649  53 1 0 1.555399 5.629913 -1.197401  54 1 0 1.482431 5.767610 0.551348  55 1 0 -1.120036 -5.162599 -0.891896  56 1 0 -1.796175 -5.005537 0.720920 |
| TM\_NP\_model\_scan\_p\_60\_m\_130 | 1 6 0 -1.364771 0.394029 -0.459897  2 6 0 -0.587779 1.548232 -0.364474  3 6 0 0.778081 1.518536 -0.060937  4 6 0 1.401690 0.275729 0.190359  5 6 0 0.631316 -0.882000 0.078095  6 6 0 -0.727896 -0.852964 -0.247319  7 6 0 2.814723 0.167343 0.663159  8 6 0 3.168800 0.756091 1.862580  9 6 0 4.476481 0.650198 2.381998  10 6 0 5.438163 -0.044114 1.693251  11 6 0 5.136107 -0.649842 0.447067  12 6 0 3.810266 -0.540929 -0.088244  13 6 0 3.552470 -1.118858 -1.361141  14 6 0 4.535587 -1.786460 -2.051172  15 6 0 5.834191 -1.912576 -1.509298  16 6 0 6.124659 -1.352758 -0.290313  17 6 0 -2.830107 0.547236 -0.706853  18 6 0 -3.824051 0.033657 0.197054  19 6 0 -5.209992 0.259229 -0.097607  20 6 0 -5.570599 1.021008 -1.237673  21 6 0 -4.604090 1.563956 -2.044599  22 6 0 -3.240789 1.334163 -1.768176  23 6 0 -3.505561 -0.644366 1.405940  24 6 0 -4.489565 -1.116050 2.241364  25 6 0 -5.853064 -0.936016 1.920167  26 6 0 -6.200101 -0.257220 0.779413  27 6 0 1.539745 2.785436 -0.057259  28 7 0 0.970684 3.918545 -0.136945  29 6 0 1.807390 5.100809 -0.165766  30 6 0 -1.439926 -2.132306 -0.457803  31 7 0 -0.931391 -3.251381 -0.139213  32 6 0 -1.692180 -4.451572 -0.421520  33 1 0 -1.041267 2.520466 -0.511488  34 1 0 1.080546 -1.852311 0.250733  35 1 0 2.414348 1.287209 2.432016  36 1 0 4.710549 1.114111 3.333504  37 1 0 6.443913 -0.136366 2.089553  38 1 0 2.564183 -1.023571 -1.791762  39 1 0 4.314883 -2.217437 -3.021261  40 1 0 6.599518 -2.445723 -2.062004  41 1 0 7.122306 -1.434815 0.128461  42 1 0 -6.622745 1.181418 -1.448095  43 1 0 -4.879328 2.165632 -2.903364  44 1 0 -2.491470 1.751310 -2.431195  45 1 0 -2.468225 -0.777703 1.681438  46 1 0 -4.216505 -1.623536 3.159725  47 1 0 -6.619813 -1.319909 2.583572  48 1 0 -7.244090 -0.090922 0.534755  49 1 0 2.631570 2.694231 -0.001305  50 1 0 2.884544 4.884066 -0.103044  51 1 0 -2.429000 -2.063737 -0.927839  52 1 0 -2.663646 -4.258757 -0.900747  53 1 0 1.611444 5.657235 -1.088010  54 1 0 1.528472 5.759528 0.662770  55 1 0 -1.100811 -5.108172 -1.067662  56 1 0 -1.859617 -4.998131 0.511968 |
| TM\_NP\_model\_scan\_p\_60\_m\_140 | 1 6 0 -1.366924 0.427404 -0.484216  2 6 0 -0.577026 1.573447 -0.372884  3 6 0 0.787278 1.531659 -0.066874  4 6 0 1.400634 0.283615 0.182755  5 6 0 0.621134 -0.866203 0.057540  6 6 0 -0.735846 -0.824756 -0.274930  7 6 0 2.809265 0.161389 0.664479  8 6 0 3.159555 0.741295 1.869349  9 6 0 4.462590 0.622155 2.397480  10 6 0 5.423489 -0.076520 1.712059  11 6 0 5.125419 -0.673592 0.460758  12 6 0 3.804341 -0.551334 -0.083378  13 6 0 3.550959 -1.120922 -1.360902  14 6 0 4.533494 -1.793228 -2.047186  15 6 0 5.827130 -1.932564 -1.496734  16 6 0 6.113456 -1.380975 -0.273033  17 6 0 -2.837909 0.604192 -0.677581  18 6 0 -3.819904 -0.003228 0.184998  19 6 0 -5.210478 0.260824 -0.055313  20 6 0 -5.589278 1.165524 -1.078197  21 6 0 -4.633917 1.816563 -1.815218  22 6 0 -3.268690 1.544921 -1.598928  23 6 0 -3.490011 -0.799467 1.316655  24 6 0 -4.463143 -1.357118 2.110861  25 6 0 -5.830583 -1.152043 1.824970  26 6 0 -6.190132 -0.352470 0.770111  27 6 0 1.557276 2.793615 -0.050893  28 7 0 0.996895 3.931005 -0.130570  29 6 0 1.841928 5.107612 -0.146074  30 6 0 -1.438682 -2.100851 -0.536739  31 7 0 -0.944021 -3.225985 -0.218458  32 6 0 -1.688955 -4.420496 -0.560787  33 1 0 -1.020405 2.552743 -0.500245  34 1 0 1.061735 -1.841930 0.221671  35 1 0 2.405325 1.275546 2.436138  36 1 0 4.693590 1.079284 3.353008  37 1 0 6.425578 -0.179047 2.115052  38 1 0 2.566628 -1.015346 -1.798133  39 1 0 4.316220 -2.217661 -3.020927  40 1 0 6.592004 -2.469306 -2.046577  41 1 0 7.107372 -1.473262 0.152429  42 1 0 -6.644407 1.352426 -1.247499  43 1 0 -4.919678 2.534856 -2.575186  44 1 0 -2.533410 2.044792 -2.218767  45 1 0 -2.451476 -0.953659 1.572902  46 1 0 -4.176862 -1.951586 2.971168  47 1 0 -6.589129 -1.607041 2.451794  48 1 0 -7.236597 -0.157712 0.559388  49 1 0 2.647928 2.694651 0.014141  50 1 0 2.916913 4.882985 -0.074853  51 1 0 -2.405113 -2.022561 -1.050527  52 1 0 -2.638981 -4.218228 -1.077670  53 1 0 1.658152 5.669893 -1.067237  54 1 0 1.560334 5.764080 0.683321  55 1 0 -1.068444 -5.061655 -1.194980  56 1 0 -1.896220 -4.988088 0.351891 |
| TM\_NP\_model\_scan\_p\_60\_p\_20 | 1 6 0 -1.408462 0.370099 -0.142301  2 6 0 -0.880773 -0.925582 -0.222910  3 6 0 0.486717 -1.204022 -0.315555  4 6 0 1.403915 -0.135531 -0.402376  5 6 0 0.893730 1.161169 -0.348592  6 6 0 -0.469598 1.437335 -0.224648  7 6 0 2.862691 -0.335120 -0.651939  8 6 0 3.267458 -0.961751 -1.815587  9 6 0 4.632866 -1.136088 -2.125922  10 6 0 5.599455 -0.687382 -1.262328  11 6 0 5.240804 -0.058088 -0.043128  12 6 0 3.854918 0.117725 0.279650  13 6 0 3.528307 0.709198 1.530340  14 6 0 4.509365 1.125822 2.397677  15 6 0 5.873929 0.973029 2.065271  16 6 0 6.227299 0.391068 0.873542  17 6 0 -2.874012 0.549797 -0.369961  18 6 0 -3.863817 -0.300973 0.255581  19 6 0 -5.251782 -0.089945 -0.045637  20 6 0 -5.639016 1.004019 -0.859628  21 6 0 -4.696615 1.878017 -1.332350  22 6 0 -3.330095 1.658679 -1.067230  23 6 0 -3.557234 -1.303149 1.217838  24 6 0 -4.534291 -2.095962 1.772258  25 6 0 -5.886370 -1.937874 1.402535  26 6 0 -6.232672 -0.945443 0.521451  27 6 0 0.932874 -2.613954 -0.299414  28 7 0 0.115474 -3.584708 -0.354982  29 6 0 0.648488 -4.930565 -0.300025  30 6 0 -0.851743 2.850739 0.005159  31 7 0 -0.118612 3.822603 -0.356811  32 6 0 -0.541227 5.163731 -0.006682  33 1 0 -1.539315 -1.781300 -0.265663  34 1 0 1.563956 2.009689 -0.408696  35 1 0 2.516673 -1.298777 -2.521441  36 1 0 4.909782 -1.618635 -3.056392  37 1 0 6.651356 -0.810704 -1.497632  38 1 0 2.487047 0.825025 1.801684  39 1 0 4.235265 1.572079 3.347031  40 1 0 6.638143 1.309941 2.756578  41 1 0 7.272828 0.259525 0.614808  42 1 0 -6.691653 1.147949 -1.078841  43 1 0 -4.988728 2.733057 -1.931327  44 1 0 -2.613827 2.319861 -1.536188  45 1 0 -2.536911 -1.431887 1.547309  46 1 0 -4.261548 -2.843738 2.508390  47 1 0 -6.646058 -2.580115 1.833426  48 1 0 -7.272383 -0.781848 0.257648  49 1 0 2.014409 -2.778108 -0.217813  50 1 0 1.745256 -4.970658 -0.218303  51 1 0 -1.789394 3.012283 0.553593  52 1 0 -1.494814 5.200451 0.541983  53 1 0 0.209996 -5.456525 0.554102  54 1 0 0.338697 -5.476892 -1.196519  55 1 0 0.235172 5.637426 0.602592  56 1 0 -0.632607 5.762650 -0.918296 |
| TM\_NP\_model\_scan\_p\_60\_p\_30 | 1 6 0 -1.408415 0.322607 -0.225752  2 6 0 -0.866028 -0.964992 -0.299791  3 6 0 0.507661 -1.217694 -0.370801  4 6 0 1.407172 -0.130453 -0.423855  5 6 0 0.877116 1.157756 -0.361029  6 6 0 -0.493845 1.409246 -0.262562  7 6 0 2.873788 -0.303876 -0.647413  8 6 0 3.310152 -0.907421 -1.811789  9 6 0 4.683666 -1.055997 -2.098790  10 6 0 5.626737 -0.604212 -1.211168  11 6 0 5.235461 0.002103 0.009663  12 6 0 3.841159 0.151593 0.308761  13 6 0 3.482006 0.720568 1.560950  14 6 0 4.440041 1.140281 2.452222  15 6 0 5.812792 1.013299 2.143572  16 6 0 6.197455 0.453720 0.950821  17 6 0 -2.877639 0.492263 -0.424976  18 6 0 -3.849312 -0.307908 0.280893  19 6 0 -5.243553 -0.114043 0.000942  20 6 0 -5.645894 0.903263 -0.900606  21 6 0 -4.712264 1.718077 -1.485471  22 6 0 -3.340006 1.519250 -1.232661  23 6 0 -3.510946 -1.247565 1.293655  24 6 0 -4.472743 -1.992461 1.933916  25 6 0 -5.836768 -1.843719 1.603735  26 6 0 -6.209049 -0.916148 0.664143  27 6 0 0.980101 -2.618926 -0.358687  28 7 0 0.182894 -3.603927 -0.447704  29 6 0 0.739674 -4.940041 -0.391560  30 6 0 -0.922021 2.810910 -0.050458  31 7 0 -0.185970 3.799949 -0.356105  32 6 0 -0.664368 5.130249 -0.038572  33 1 0 -1.515969 -1.828296 -0.345089  34 1 0 1.535609 2.016860 -0.395832  35 1 0 2.578014 -1.246570 -2.535987  36 1 0 4.985504 -1.521134 -3.030383  37 1 0 6.684677 -0.707529 -1.428359  38 1 0 2.434136 0.816817 1.813863  39 1 0 4.141294 1.569177 3.402145  40 1 0 6.558589 1.352311 2.853719  41 1 0 7.249581 0.342179 0.710038  42 1 0 -6.703359 1.034926 -1.103854  43 1 0 -5.017797 2.509668 -2.160210  44 1 0 -2.626024 2.133689 -1.766316  45 1 0 -2.477042 -1.366035 1.584640  46 1 0 -4.180142 -2.695291 2.705860  47 1 0 -6.584828 -2.446110 2.106590  48 1 0 -7.256432 -0.767328 0.422910  49 1 0 2.061921 -2.764152 -0.249086  50 1 0 1.834381 -4.960465 -0.280209  51 1 0 -1.901478 2.949485 0.425610  52 1 0 -1.656225 5.143870 0.438607  53 1 0 0.288192 -5.482969 0.445028  54 1 0 0.464807 -5.482773 -1.301532  55 1 0 0.054124 5.621464 0.625449  56 1 0 -0.702763 5.727701 -0.954943 |
| TM\_NP\_model\_scan\_p\_60\_p\_40 | 1 6 0 -1.409081 0.272030 -0.312137  2 6 0 -0.849748 -1.007005 -0.369700  3 6 0 0.529613 -1.233349 -0.418004  4 6 0 1.409417 -0.127963 -0.445957  5 6 0 0.857536 1.151072 -0.385753  6 6 0 -0.520349 1.377094 -0.315850  7 6 0 2.883072 -0.275112 -0.641719  8 6 0 3.352186 -0.863373 -1.801085  9 6 0 4.733283 -0.987166 -2.062120  10 6 0 5.651191 -0.526035 -1.153182  11 6 0 5.226082 0.064948 0.063833  12 6 0 3.823865 0.189561 0.336402  13 6 0 3.431054 0.743705 1.585138  14 6 0 4.364446 1.172234 2.498087  15 6 0 5.744883 1.069564 2.215828  16 6 0 6.161916 0.525144 1.026972  17 6 0 -2.882738 0.423842 -0.487643  18 6 0 -3.830752 -0.308340 0.310645  19 6 0 -5.231719 -0.144221 0.048709  20 6 0 -5.657084 0.767434 -0.950455  21 6 0 -4.739747 1.506527 -1.651563  22 6 0 -3.360864 1.339923 -1.409363  23 6 0 -3.455585 -1.156240 1.388650  24 6 0 -4.395810 -1.837189 2.124479  25 6 0 -5.770549 -1.710114 1.828857  26 6 0 -6.174769 -0.875438 0.817702  27 6 0 1.029094 -2.624974 -0.402399  28 7 0 0.254437 -3.624378 -0.524573  29 6 0 0.835810 -4.949779 -0.461327  30 6 0 -0.992960 2.767683 -0.133763  31 7 0 -0.254598 3.772311 -0.377082  32 6 0 -0.787440 5.091876 -0.104893  33 1 0 -1.489100 -1.879292 -0.411266  34 1 0 1.502358 2.021058 -0.402610  35 1 0 2.640001 -1.209897 -2.541539  36 1 0 5.060959 -1.440822 -2.990646  37 1 0 6.714758 -0.610380 -1.350163  38 1 0 2.376980 0.821488 1.817773  39 1 0 4.040118 1.589495 3.444802  40 1 0 6.470980 1.415204 2.942994  41 1 0 7.220249 0.432358 0.806237  42 1 0 -6.719481 0.877597 -1.140529  43 1 0 -5.064682 2.213130 -2.406819  44 1 0 -2.655430 1.896930 -2.014223  45 1 0 -2.409747 -1.254929 1.644780  46 1 0 -4.079184 -2.472621 2.943922  47 1 0 -6.501795 -2.259725 2.410736  48 1 0 -7.229617 -0.750532 0.596216  49 1 0 2.109752 -2.750394 -0.260851  50 1 0 1.926500 -4.949415 -0.314487  51 1 0 -2.011813 2.885341 0.256560  52 1 0 -1.815248 5.083410 0.288977  53 1 0 0.368314 -5.509019 0.355438  54 1 0 0.601723 -5.489458 -1.384436  55 1 0 -0.137200 5.600511 0.614052  56 1 0 -0.763784 5.686391 -1.023667 |
| TM\_NP\_model\_scan\_p\_60\_p\_50 | 1 6 0 -1.410630 0.219589 -0.407920  2 6 0 -0.833122 -1.050345 -0.444237  3 6 0 0.551019 -1.251263 -0.465506  4 6 0 1.410677 -0.128946 -0.475155  5 6 0 0.836576 1.140680 -0.428092  6 6 0 -0.547042 1.341540 -0.388008  7 6 0 2.890874 -0.251291 -0.637053  8 6 0 3.396378 -0.833147 -1.784240  9 6 0 4.785012 -0.934547 -2.013075  10 6 0 5.673951 -0.456972 -1.084056  11 6 0 5.211103 0.128701 0.121683  12 6 0 3.801075 0.230486 0.361580  13 6 0 3.370544 0.780106 1.599825  14 6 0 4.275406 1.225501 2.533191  15 6 0 5.663491 1.145137 2.283119  16 6 0 6.116745 0.605775 1.105283  17 6 0 -2.890475 0.348125 -0.554693  18 6 0 -3.804355 -0.301495 0.343506  19 6 0 -5.213864 -0.175664 0.110137  20 6 0 -5.676306 0.607799 -0.977426  21 6 0 -4.786941 1.255389 -1.796187  22 6 0 -3.399365 1.128606 -1.577358  23 6 0 -3.381961 -1.037512 1.484129  24 6 0 -4.290253 -1.643431 2.318675  25 6 0 -5.676060 -1.546652 2.063936  26 6 0 -6.123325 -0.823556 0.986850  27 6 0 1.076086 -2.632970 -0.432801  28 7 0 0.324365 -3.646890 -0.577039  29 6 0 0.928378 -4.960971 -0.492550  30 6 0 -1.059908 2.721660 -0.247493  31 7 0 -0.324319 3.740109 -0.436137  32 6 0 -0.905920 5.049963 -0.224106  33 1 0 -1.460534 -1.932121 -0.479539  34 1 0 1.466660 2.021563 -0.433546  35 1 0 2.707343 -1.192831 -2.540180  36 1 0 5.141494 -1.384276 -2.932864  37 1 0 6.743046 -0.524142 -1.256146  38 1 0 2.310256 0.841199 1.807796  39 1 0 3.922406 1.639144 3.471198  40 1 0 6.366808 1.503874 3.026161  41 1 0 7.181280 0.530144 0.909172  42 1 0 -6.744921 0.690995 -1.145184  43 1 0 -5.141741 1.859217 -2.623740  44 1 0 -2.712698 1.618462 -2.258120  45 1 0 -2.325000 -1.112051 1.701811  46 1 0 -3.940745 -2.196662 3.183128  47 1 0 -6.382120 -2.034783 2.726225  48 1 0 -7.186495 -0.728556 0.791813  49 1 0 2.154114 -2.737962 -0.258132  50 1 0 2.013496 -4.939795 -0.310300  51 1 0 -2.109975 2.820166 0.054590  52 1 0 -1.962386 5.022483 0.083315  53 1 0 0.445132 -5.527922 0.309597  54 1 0 0.734673 -5.506114 -1.421804  55 1 0 -0.328411 5.580068 0.540008  56 1 0 -0.818732 5.635591 -1.144781 |
| TM\_NP\_model\_scan\_p\_60\_p\_60 | 1 6 0 1.412018 -0.145755 -0.496061  2 6 0 0.813154 1.113231 -0.486753  3 6 0 -0.575250 1.285840 -0.478380  4 6 0 -1.411932 0.145807 -0.495878  5 6 0 -0.813068 -1.113165 -0.486833  6 6 0 0.575351 -1.285782 -0.478664  7 6 0 -2.897195 0.242568 -0.627219  8 6 0 -3.435389 0.838696 -1.752020  9 6 0 -4.829779 0.917113 -1.953386  10 6 0 -5.691751 0.400837 -1.019658  11 6 0 -5.195060 -0.202318 0.163749  12 6 0 -3.779101 -0.280029 0.376183  13 6 0 -3.314997 -0.848839 1.593432  14 6 0 -4.193375 -1.334854 2.531819  15 6 0 -5.587117 -1.278054 2.308209  16 6 0 -6.072693 -0.720977 1.151711  17 6 0 2.897277 -0.242438 -0.627441  18 6 0 3.779084 0.280011 0.376161  19 6 0 5.195064 0.202309 0.163872  20 6 0 5.691881 -0.400667 -1.019586  21 6 0 4.830013 -0.916786 -1.953480  22 6 0 3.435587 -0.838392 -1.752249  23 6 0 3.314864 0.848638 1.593436  24 6 0 4.193153 1.334470 2.532008  25 6 0 5.586912 1.277664 2.308559  26 6 0 6.072602 0.720770 1.152012  27 6 0 -1.127929 2.654880 -0.402717  28 7 0 -0.401420 3.687207 -0.545698  29 6 0 -1.029373 4.986283 -0.416712  30 6 0 1.127980 -2.654859 -0.403244  31 7 0 0.401271 -3.687139 -0.545523  32 6 0 1.029257 -4.986233 -0.416922  33 1 0 1.425757 2.006299 -0.500278  34 1 0 -1.425651 -2.006247 -0.500451  35 1 0 -2.767852 1.228886 -2.512127  36 1 0 -5.212003 1.379875 -2.856224  37 1 0 -6.764968 0.450048 -1.170855  38 1 0 -2.250106 -0.892732 1.781094  39 1 0 -3.814910 -1.762864 3.453293  40 1 0 -6.269295 -1.668879 3.054769  41 1 0 -7.141946 -0.663291 0.976231  42 1 0 6.765117 -0.449871 -1.170656  43 1 0 5.212319 -1.379434 -2.856342  44 1 0 2.768146 -1.228466 -2.512502  45 1 0 2.249952 0.892547 1.780980  46 1 0 3.814589 1.762347 3.453504  47 1 0 6.269017 1.668324 3.055272  48 1 0 7.141872 0.663097 0.976636  49 1 0 -2.202799 2.733142 -0.197270  50 1 0 -2.108436 4.939009 -0.205569  51 1 0 2.203001 -2.733202 -0.198595  52 1 0 2.108500 -4.938994 -0.206684  53 1 0 -0.535721 5.546130 0.384093  54 1 0 -0.872266 5.554714 -1.338900  55 1 0 0.536235 -5.545957 0.384354  56 1 0 0.871360 -5.554757 -1.338920 |
| TM\_NP\_model\_scan\_p\_60\_p\_70 | 1 6 0 1.412644 -0.028492 -0.581071  2 6 0 0.784324 1.211705 -0.493832  3 6 0 -0.608370 1.345453 -0.454725  4 6 0 -1.414578 0.184996 -0.516410  5 6 0 -0.783552 -1.056349 -0.586550  6 6 0 0.609059 -1.190245 -0.611500  7 6 0 -2.904482 0.248238 -0.612325  8 6 0 -3.482862 0.888285 -1.692176  9 6 0 -4.882943 0.939003 -1.860356  10 6 0 -5.710307 0.349673 -0.938640  11 6 0 -5.171859 -0.302766 0.199484  12 6 0 -3.750056 -0.351734 0.378875  13 6 0 -3.244607 -0.972410 1.553618  14 6 0 -4.089043 -1.534504 2.480604  15 6 0 -5.488263 -1.505952 2.287933  16 6 0 -6.013648 -0.899823 1.174300  17 6 0 2.903411 -0.080712 -0.697360  18 6 0 3.749109 0.243418 0.412776  19 6 0 5.171110 0.216893 0.233144  20 6 0 5.707070 -0.134694 -1.032035  21 6 0 4.877327 -0.453108 -2.076921  22 6 0 3.476217 -0.426528 -1.905311  23 6 0 3.239517 0.571831 1.698322  24 6 0 4.083111 0.872771 2.740365  25 6 0 5.483963 0.860333 2.556213  26 6 0 6.011973 0.537407 1.330954  27 6 0 -1.195931 2.692698 -0.297162  28 7 0 -0.501195 3.750802 -0.405578  29 6 0 -1.159804 5.023885 -0.196161  30 6 0 1.206028 -2.541772 -0.640058  31 7 0 0.501233 -3.590553 -0.770831  32 6 0 1.176275 -4.872153 -0.760848  33 1 0 1.375177 2.118901 -0.459667  34 1 0 -1.372540 -1.963662 -0.640285  35 1 0 -2.842920 1.336708 -2.443869  36 1 0 -5.296880 1.438723 -2.728868  37 1 0 -6.787504 0.377290 -1.064914  38 1 0 -2.175239 -0.995885 1.717984  39 1 0 -3.679346 -2.001348 3.369273  40 1 0 -6.143214 -1.957130 3.024781  41 1 0 -7.087581 -0.863147 1.023537  42 1 0 6.784585 -0.148618 -1.158134  43 1 0 5.290386 -0.720866 -3.042892  44 1 0 2.833147 -0.666016 -2.744939  45 1 0 2.167958 0.581457 1.851637  46 1 0 3.672333 1.120280 3.712759  47 1 0 6.138459 1.102636 3.385917  48 1 0 7.086822 0.519585 1.183231  49 1 0 -2.266968 2.729929 -0.062421  50 1 0 -2.232055 4.936704 0.036081  51 1 0 2.296552 -2.592128 -0.529260  52 1 0 2.267325 -4.798517 -0.637100  53 1 0 -0.662254 5.555404 0.621368  54 1 0 -1.039185 5.642541 -1.091115  55 1 0 0.768299 -5.486796 0.047943  56 1 0 0.959378 -5.399851 -1.695071 |
| TM\_NP\_model\_scan\_p\_60\_p\_80 | 1 6 0 1.410852 0.125397 -0.617935  2 6 0 0.746512 1.333175 -0.424330  3 6 0 -0.649910 1.417487 -0.363585  4 6 0 -1.419036 0.239904 -0.511734  5 6 0 -0.750188 -0.970801 -0.689049  6 6 0 0.645504 -1.055446 -0.738177  7 6 0 -2.911181 0.263039 -0.592849  8 6 0 -3.517967 0.967773 -1.615304  9 6 0 -4.920336 0.988968 -1.769894  10 6 0 -5.721546 0.306021 -0.890766  11 6 0 -5.153743 -0.416425 0.189412  12 6 0 -3.729420 -0.437837 0.353933  13 6 0 -3.195061 -1.133951 1.472323  14 6 0 -4.014406 -1.789948 2.359256  15 6 0 -5.415766 -1.786010 2.180484  16 6 0 -5.968898 -1.110782 1.121323  17 6 0 2.904965 0.126582 -0.725589  18 6 0 3.730462 0.186432 0.442572  19 6 0 5.154742 0.217325 0.285685  20 6 0 5.711882 0.186674 -1.018427  21 6 0 4.900178 0.125175 -2.122510  22 6 0 3.496086 0.094224 -1.972134  23 6 0 3.195745 0.205364 1.759175  24 6 0 4.019541 0.259006 2.857629  25 6 0 5.423332 0.296187 2.700134  26 6 0 5.974601 0.274976 1.442936  27 6 0 -1.279115 2.726574 -0.089738  28 7 0 -0.619649 3.812322 -0.110722  29 6 0 -1.318334 5.039766 0.211442  30 6 0 1.290616 -2.373974 -0.905865  31 7 0 0.620226 -3.440234 -1.070526  32 6 0 1.344281 -4.686777 -1.212275  33 1 0 1.309750 2.251853 -0.314660  34 1 0 -1.310811 -1.888846 -0.815218  35 1 0 -2.898304 1.493016 -2.333450  36 1 0 -5.356680 1.541972 -2.594018  37 1 0 -6.800245 0.311500 -1.006772  38 1 0 -2.123784 -1.140467 1.625516  39 1 0 -3.583224 -2.312908 3.205511  40 1 0 -6.050541 -2.311247 2.885219  41 1 0 -7.044883 -1.093008 0.982292  42 1 0 6.791095 0.212800 -1.126989  43 1 0 5.329521 0.103615 -3.117807  44 1 0 2.866597 0.053369 -2.854124  45 1 0 2.121101 0.178858 1.889040  46 1 0 3.591408 0.273315 3.853646  47 1 0 6.062069 0.340321 3.575116  48 1 0 7.051835 0.300848 1.314955  49 1 0 -2.349053 2.709112 0.152307  50 1 0 -2.385824 4.896621 0.437838  51 1 0 2.387530 -2.382940 -0.873663  52 1 0 2.437629 -4.573641 -1.159027  53 1 0 -0.834208 5.513343 1.071567  54 1 0 -1.223067 5.738526 -0.625744  55 1 0 1.020806 -5.381098 -0.430229  56 1 0 1.080902 -5.148089 -2.169411 |
| TM\_NP\_model\_scan\_p\_60\_p\_90 | 1 6 0 1.403412 0.308639 -0.601331  2 6 0 0.701084 1.467227 -0.284674  3 6 0 -0.697790 1.499561 -0.218221  4 6 0 -1.428345 0.319926 -0.490262  5 6 0 -0.720765 -0.842525 -0.796568  6 6 0 0.676386 -0.875824 -0.852763  7 6 0 -2.920992 0.299780 -0.563655  8 6 0 -3.561109 1.088275 -1.500972  9 6 0 -4.964576 1.073799 -1.646863  10 6 0 -5.733277 0.269297 -0.844854  11 6 0 -5.131206 -0.544212 0.148383  12 6 0 -3.705848 -0.529911 0.304374  13 6 0 -3.137821 -1.322631 1.338641  14 6 0 -3.925495 -2.100917 2.152312  15 6 0 -5.327378 -2.130021 1.980319  16 6 0 -5.913018 -1.365537 1.002478  17 6 0 2.898512 0.365242 -0.689488  18 6 0 3.716024 0.110975 0.457702  19 6 0 5.140870 0.193012 0.327661  20 6 0 5.706035 0.526295 -0.930051  21 6 0 4.901468 0.768528 -2.014205  22 6 0 3.496409 0.686242 -1.890496  23 6 0 3.171500 -0.225107 1.726406  24 6 0 3.987112 -0.467312 2.805518  25 6 0 5.391835 -0.385810 2.675050  26 6 0 5.952108 -0.062703 1.463911  27 6 0 -1.367848 2.751936 0.190474  28 7 0 -0.743214 3.854417 0.282978  29 6 0 -1.479283 5.019429 0.729773  30 6 0 1.365519 -2.140972 -1.179340  31 7 0 0.732367 -3.217207 -1.411982  32 6 0 1.499119 -4.407793 -1.716834  33 1 0 1.234983 2.385544 -0.073292  34 1 0 -1.252050 -1.758497 -1.024000  35 1 0 -2.966874 1.711636 -2.159702  36 1 0 -5.427489 1.696700 -2.403882  37 1 0 -6.812285 0.246912 -0.955818  38 1 0 -2.065867 -1.306251 1.485862  39 1 0 -3.468655 -2.696224 2.934886  40 1 0 -5.937062 -2.751681 2.626299  41 1 0 -6.990002 -1.373083 0.870220  42 1 0 6.785673 0.587206 -1.018741  43 1 0 5.337221 1.025114 -2.973212  44 1 0 2.872759 0.881059 -2.755799  45 1 0 2.095800 -0.285148 1.835903  46 1 0 3.551748 -0.721161 3.765510  47 1 0 6.024105 -0.578287 3.534518  48 1 0 7.030029 0.002176 1.357327  49 1 0 -2.436090 2.675415 0.428332  50 1 0 -2.540194 4.819453 0.943625  51 1 0 2.461935 -2.100574 -1.206979  52 1 0 2.587607 -4.246280 -1.718224  53 1 0 -1.005373 5.419513 1.631863  54 1 0 -1.411732 5.801959 -0.032725  55 1 0 1.256946 -5.187061 -0.987156  56 1 0 1.194939 -4.790231 -2.696358 |
| TM\_NP\_model\_scan\_p\_60\_p\_100 | 1 6 0 1.396362 0.455011 -0.559687  2 6 0 0.658316 1.566782 -0.165774  3 6 0 -0.741506 1.554745 -0.108540  4 6 0 -1.435903 0.377444 -0.469208  5 6 0 -0.693025 -0.736345 -0.862437  6 6 0 0.704260 -0.724774 -0.913794  7 6 0 -2.927224 0.315766 -0.544801  8 6 0 -3.595913 1.151165 -1.419372  9 6 0 -4.998932 1.102600 -1.563111  10 6 0 -5.738443 0.216721 -0.821569  11 6 0 -5.106698 -0.648761 0.107164  12 6 0 -3.681938 -0.600172 0.260997  13 6 0 -3.084292 -1.448339 1.232532  14 6 0 -3.842832 -2.310250 1.987446  15 6 0 -5.243752 -2.372108 1.816202  16 6 0 -5.857992 -1.556325 0.899265  17 6 0 2.890163 0.555987 -0.608779  18 6 0 3.701611 0.044597 0.454741  19 6 0 5.125982 0.174413 0.366308  20 6 0 5.697379 0.810297 -0.765826  21 6 0 4.898828 1.300732 -1.767254  22 6 0 3.494142 1.171885 -1.685362  23 6 0 3.151104 -0.583425 1.604324  24 6 0 3.960685 -1.064907 2.604941  25 6 0 5.365303 -0.942505 2.511993  26 6 0 5.931125 -0.335130 1.418346  27 6 0 -1.448818 2.753910 0.387657  28 7 0 -0.856328 3.863969 0.563379  29 6 0 -1.625578 4.971867 1.091802  30 6 0 1.429025 -1.933006 -1.358178  31 7 0 0.830034 -3.017234 -1.639025  32 6 0 1.628452 -4.145367 -2.072904  33 1 0 1.164544 2.479397 0.123567  34 1 0 -1.196674 -1.645654 -1.166633  35 1 0 -3.024695 1.840482 -2.031101  36 1 0 -5.484614 1.764757 -2.270954  37 1 0 -6.816657 0.168329 -0.931906  38 1 0 -2.012870 -1.407653 1.378662  39 1 0 -3.363675 -2.946619 2.722925  40 1 0 -5.830228 -3.059756 2.415072  41 1 0 -6.934729 -1.589072 0.768843  42 1 0 6.776753 0.903789 -0.823972  43 1 0 5.338982 1.788836 -2.629469  44 1 0 2.875559 1.561248 -2.486189  45 1 0 2.075367 -0.674444 1.688203  46 1 0 3.520284 -1.539366 3.474709  47 1 0 5.992869 -1.326458 3.308382  48 1 0 7.008867 -0.233886 1.342745  49 1 0 -2.514880 2.629318 0.614531  50 1 0 -2.682250 4.729242 1.281056  51 1 0 2.519967 -1.841685 -1.435385  52 1 0 2.707875 -3.935611 -2.113548  53 1 0 -1.167901 5.313199 2.025863  54 1 0 -1.573591 5.812246 0.392269  55 1 0 1.455780 -4.988728 -1.396744  56 1 0 1.290623 -4.464112 -3.064156 |
| TM\_NP\_model\_scan\_p\_60\_p\_110 | 1 6 0 1.390292 0.536113 -0.512392  2 6 0 0.626046 1.620775 -0.091745  3 6 0 -0.773418 1.579764 -0.044853  4 6 0 -1.441901 0.399951 -0.443408  5 6 0 -0.673961 -0.686937 -0.863640  6 6 0 0.722832 -0.646154 -0.906750  7 6 0 -2.930972 0.312873 -0.534804  8 6 0 -3.606023 1.159615 -1.393502  9 6 0 -5.006496 1.090348 -1.552675  10 6 0 -5.737117 0.171952 -0.842599  11 6 0 -5.098861 -0.707508 0.068471  12 6 0 -3.676699 -0.638220 0.237750  13 6 0 -3.072962 -1.502538 1.191008  14 6 0 -3.823023 -2.398327 1.914315  15 6 0 -5.221003 -2.479757 1.727852  16 6 0 -5.841195 -1.649643 0.827888  17 6 0 2.880695 0.670081 -0.530818  18 6 0 3.705786 -0.002788 0.428906  19 6 0 5.126548 0.177052 0.370265  20 6 0 5.681457 1.024422 -0.623011  21 6 0 4.869865 1.676087 -1.515898  22 6 0 3.469624 1.498899 -1.464443  23 6 0 3.174123 -0.830125 1.454859  24 6 0 3.997661 -1.458490 2.357949  25 6 0 5.398988 -1.292633 2.287365  26 6 0 5.946689 -0.490856 1.316817  27 6 0 -1.507286 2.748442 0.484481  28 7 0 -0.936780 3.862042 0.705059  29 6 0 -1.730945 4.936110 1.265610  30 6 0 1.469647 -1.816793 -1.412317  31 7 0 0.896353 -2.913348 -1.698491  32 6 0 1.711396 -3.997151 -2.207978  33 1 0 1.111914 2.532217 0.233695  34 1 0 -1.157688 -1.595061 -1.201785  35 1 0 -3.041206 1.875141 -1.980569  36 1 0 -5.497076 1.762775 -2.247338  37 1 0 -6.813218 0.107706 -0.964880  38 1 0 -2.003833 -1.446748 1.348594  39 1 0 -3.339502 -3.046507 2.636501  40 1 0 -5.800709 -3.193937 2.301733  41 1 0 -6.915915 -1.697697 0.686071  42 1 0 6.758253 1.152229 -0.659321  43 1 0 5.296401 2.328715 -2.269232  44 1 0 2.841167 2.014132 -2.182082  45 1 0 2.101172 -0.956491 1.525603  46 1 0 3.570098 -2.082823 3.134475  47 1 0 6.037633 -1.794980 3.005165  48 1 0 7.021332 -0.351062 1.261660  49 1 0 -2.572959 2.596934 0.696255  50 1 0 -2.785630 4.669088 1.431564  51 1 0 2.551674 -1.683533 -1.536917  52 1 0 2.780262 -3.748747 -2.288862  53 1 0 -1.290733 5.247875 2.218251  54 1 0 -1.684281 5.803952 0.600102  55 1 0 1.597627 -4.869339 -1.556449  56 1 0 1.339497 -4.292066 -3.194440 |
| TM\_NP\_model\_scan\_p\_60\_p\_120 | 1 6 0 1.385847 0.601265 -0.491516  2 6 0 0.597553 1.667420 -0.064465  3 6 0 -0.800957 1.603421 -0.029487  4 6 0 -1.446730 0.414911 -0.438945  5 6 0 -0.657075 -0.651678 -0.870804  6 6 0 0.738649 -0.585482 -0.909440  7 6 0 -2.933555 0.299096 -0.532510  8 6 0 -3.625866 1.139228 -1.383867  9 6 0 -5.024908 1.043670 -1.542358  10 6 0 -5.736844 0.106397 -0.837984  11 6 0 -5.080728 -0.766743 0.066470  12 6 0 -3.659916 -0.671562 0.234230  13 6 0 -3.038471 -1.530197 1.181275  14 6 0 -3.770491 -2.444102 1.900408  15 6 0 -5.166985 -2.550666 1.715523  16 6 0 -5.804052 -1.727240 0.821186  17 6 0 2.872449 0.755540 -0.460469  18 6 0 3.700018 -0.037477 0.403601  19 6 0 5.117235 0.179480 0.397126  20 6 0 5.666184 1.187273 -0.436348  21 6 0 4.851355 1.961290 -1.222153  22 6 0 3.456492 1.745842 -1.226645  23 6 0 3.176605 -1.012006 1.296205  24 6 0 4.003368 -1.751277 2.107671  25 6 0 5.402126 -1.556249 2.075933  26 6 0 5.941768 -0.608653 1.242500  27 6 0 -1.557597 2.755098 0.505241  28 7 0 -1.008194 3.877537 0.734389  29 6 0 -1.824100 4.933315 1.298653  30 6 0 1.500667 -1.726116 -1.460746  31 7 0 0.950729 -2.837342 -1.735563  32 6 0 1.774980 -3.884692 -2.303425  33 1 0 1.064881 2.580378 0.282824  34 1 0 -1.123162 -1.562658 -1.225557  35 1 0 -3.075740 1.869947 -1.966152  36 1 0 -5.529231 1.711351 -2.231732  37 1 0 -6.811657 0.022271 -0.959557  38 1 0 -1.970400 -1.455140 1.338049  39 1 0 -3.273813 -3.087161 2.618239  40 1 0 -5.732259 -3.278809 2.286255  41 1 0 -6.877894 -1.794680 0.680676  42 1 0 6.740145 1.341168 -0.432775  43 1 0 5.271880 2.739130 -1.849390  44 1 0 2.827280 2.355968 -1.864760  45 1 0 2.106042 -1.163773 1.341878  46 1 0 3.579046 -2.486171 2.782503  47 1 0 6.044111 -2.148604 2.718108  48 1 0 7.013665 -0.440954 1.222429  49 1 0 -2.621076 2.583114 0.712226  50 1 0 -2.874241 4.645737 1.458871  51 1 0 2.570137 -1.554840 -1.635962  52 1 0 2.830561 -3.600386 -2.428036  53 1 0 -1.393283 5.247128 2.254896  54 1 0 -1.791066 5.805978 0.638655  55 1 0 1.719024 -4.772035 -1.665019  56 1 0 1.367163 -4.172973 -3.277602 |
| TM\_NP\_model\_scan\_p\_60\_p\_130 | 1 6 0 1.382752 0.635130 -0.482826  2 6 0 0.577066 1.693185 -0.063093  3 6 0 -0.820053 1.614953 -0.033671  4 6 0 -1.451638 0.415293 -0.431925  5 6 0 -0.647700 -0.645083 -0.852077  6 6 0 0.747138 -0.562723 -0.890784  7 6 0 -2.936548 0.282074 -0.529306  8 6 0 -3.634470 1.105293 -1.392607  9 6 0 -5.031643 0.992447 -1.555967  10 6 0 -5.736100 0.054611 -0.844809  11 6 0 -5.074138 -0.801697 0.071380  12 6 0 -3.655214 -0.688937 0.244048  13 6 0 -3.028038 -1.531025 1.202079  14 6 0 -3.752834 -2.445900 1.927279  15 6 0 -5.147318 -2.569814 1.737906  16 6 0 -5.789865 -1.762573 0.832802  17 6 0 2.865223 0.804384 -0.411941  18 6 0 3.706408 -0.061329 0.368826  19 6 0 5.118009 0.191983 0.403878  20 6 0 5.647551 1.310705 -0.287714  21 6 0 4.817189 2.163550 -0.968497  22 6 0 3.430640 1.911830 -1.018416  23 6 0 3.205492 -1.135017 1.155122  24 6 0 4.047235 -1.938336 1.886372  25 6 0 5.441731 -1.714288 1.878512  26 6 0 5.959654 -0.667770 1.157903  27 6 0 -1.590667 2.763511 0.487989  28 7 0 -1.054595 3.894688 0.705363  29 6 0 -1.883420 4.947203 1.256797  30 6 0 1.513501 -1.688249 -1.468858  31 7 0 0.981769 -2.816261 -1.708186  32 6 0 1.804161 -3.842701 -2.315810  33 1 0 1.030704 2.611180 0.288465  34 1 0 -1.102020 -1.563324 -1.203246  35 1 0 -3.090035 1.835998 -1.980250  36 1 0 -5.540359 1.647175 -2.254481  37 1 0 -6.809356 -0.042868 -0.970079  38 1 0 -1.961531 -1.442314 1.362493  39 1 0 -3.252049 -3.076264 2.653461  40 1 0 -5.706777 -3.298472 2.313689  41 1 0 -6.862289 -1.843438 0.688606  42 1 0 6.717261 1.488341 -0.253774  43 1 0 5.219573 3.030836 -1.479534  44 1 0 2.792420 2.583724 -1.580907  45 1 0 2.139227 -1.313769 1.188696  46 1 0 3.636671 -2.746433 2.481310  47 1 0 6.095867 -2.359720 2.453763  48 1 0 7.026871 -0.471712 1.162943  49 1 0 -2.652402 2.581543 0.695367  50 1 0 -2.930332 4.649203 1.419014  51 1 0 2.566770 -1.488235 -1.702286  52 1 0 2.843875 -3.530171 -2.494234  53 1 0 -1.457599 5.276844 2.209943  54 1 0 -1.859783 5.812644 0.586953  55 1 0 1.805042 -4.729383 -1.674092  56 1 0 1.355403 -4.144626 -3.267607 |
| TM\_NP\_model\_scan\_p\_60\_p\_140 | 1 6 0 -1.383033 0.667714 0.510255  2 6 0 -0.562788 1.720962 0.100953  3 6 0 0.832750 1.629903 0.067463  4 6 0 1.454080 0.417287 0.441340  5 6 0 0.639531 -0.639733 0.848207  6 6 0 -0.754005 -0.543024 0.894377  7 6 0 2.937629 0.265562 0.526973  8 6 0 3.650138 1.066244 1.399564  9 6 0 5.046673 0.933868 1.553408  10 6 0 5.735686 -0.001535 0.824156  11 6 0 5.058289 -0.835579 -0.101271  12 6 0 3.640039 -0.702607 -0.264682  13 6 0 2.997327 -1.522671 -1.231506  14 6 0 3.706846 -2.436070 -1.973525  15 6 0 5.100616 -2.580111 -1.793435  16 6 0 5.757983 -1.794065 -0.880323  17 6 0 -2.861706 0.840579 0.388021  18 6 0 -3.700812 -0.079004 -0.336978  19 6 0 -5.107145 0.193352 -0.430205  20 6 0 -5.631296 1.387455 0.124640  21 6 0 -4.797765 2.299114 0.719665  22 6 0 -3.419966 2.027617 0.832956  23 6 0 -3.205164 -1.216935 -1.031972  24 6 0 -4.046227 -2.066089 -1.710420  25 6 0 -5.438006 -1.829471 -1.739400  26 6 0 -5.950290 -0.718419 -1.119190  27 6 0 1.612440 2.778205 -0.441496  28 7 0 1.087675 3.918615 -0.636991  29 6 0 1.924461 4.970341 -1.177934  30 6 0 -1.520232 -1.657067 1.496761  31 7 0 -1.004810 -2.798112 1.707125  32 6 0 -1.822126 -3.807044 2.350165  33 1 0 -1.003690 2.645522 -0.248631  34 1 0 1.084529 -1.567310 1.186473  35 1 0 3.117907 1.794191 2.001634  36 1 0 5.567064 1.571419 2.259172  37 1 0 6.808278 -0.114225 0.942124  38 1 0 1.931216 -1.418357 -1.385148  39 1 0 3.194436 -3.049688 -2.705917  40 1 0 5.647822 -3.307379 -2.382600  41 1 0 6.830025 -1.890413 -0.743037  42 1 0 -6.696692 1.576930 0.047610  43 1 0 -5.191630 3.227923 1.116356  44 1 0 -2.785642 2.746630 1.338292  45 1 0 -2.141703 -1.409778 -1.044787  46 1 0 -3.635364 -2.920282 -2.236816  47 1 0 -6.092420 -2.512992 -2.268423  48 1 0 -7.013617 -0.506341 -1.161086  49 1 0 2.670509 2.587655 -0.659622  50 1 0 2.966344 4.662663 -1.353790  51 1 0 -2.556496 -1.433264 1.780098  52 1 0 -2.842545 -3.468304 2.583555  53 1 0 1.494924 5.320868 -2.121908  54 1 0 1.916761 5.824671 -0.493610  55 1 0 -1.880038 -4.688545 1.703909  56 1 0 -1.333595 -4.127803 3.275818 |
| TM\_NP\_model\_scan\_p\_60\_p\_150 | 1 6 0 -1.384044 0.692452 0.536121  2 6 0 -0.547952 1.741558 0.141371  3 6 0 0.845888 1.639081 0.104481  4 6 0 1.457522 0.412699 0.446912  5 6 0 0.632282 -0.642752 0.834066  6 6 0 -0.759787 -0.532084 0.889381  7 6 0 2.939469 0.243914 0.521860  8 6 0 3.663576 1.017158 1.409661  9 6 0 5.059053 0.866413 1.555416  10 6 0 5.735247 -0.060474 0.803609  11 6 0 5.045536 -0.866964 -0.137026  12 6 0 3.628325 -0.714895 -0.292621  13 6 0 2.973158 -1.507398 -1.273998  14 6 0 3.669932 -2.413196 -2.037101  15 6 0 5.062636 -2.576365 -1.865044  16 6 0 5.731875 -1.816662 -0.938354  17 6 0 -2.858296 0.872252 0.363135  18 6 0 -3.702925 -0.088949 -0.306179  19 6 0 -5.102194 0.201994 -0.452617  20 6 0 -5.610263 1.456559 -0.034747  21 6 0 -4.764078 2.409845 0.469684  22 6 0 -3.398194 2.118463 0.645002  23 6 0 -3.222051 -1.281534 -0.915586  24 6 0 -4.069479 -2.166289 -1.538527  25 6 0 -5.457499 -1.915835 -1.595708  26 6 0 -5.954898 -0.749790 -1.072980  27 6 0 1.634152 2.791688 -0.381420  28 7 0 1.121093 3.942948 -0.540872  29 6 0 1.965507 4.999787 -1.059682  30 6 0 -1.522591 -1.636611 1.516177  31 7 0 -1.021166 -2.787501 1.704057  32 6 0 -1.829717 -3.781236 2.381097  33 1 0 -0.973986 2.674640 -0.202168  34 1 0 1.067515 -1.581042 1.154991  35 1 0 3.141344 1.737314 2.029585  36 1 0 5.588774 1.482657 2.273062  37 1 0 6.806909 -0.187463 0.915320  38 1 0 1.907778 -1.387910 -1.421755  39 1 0 3.148266 -3.005888 -2.780117  40 1 0 5.599642 -3.297355 -2.471065  41 1 0 6.803223 -1.927714 -0.806929  42 1 0 -6.669613 1.658566 -0.152050  43 1 0 -5.139459 3.387264 0.750468  44 1 0 -2.763736 2.873866 1.093158  45 1 0 -2.162417 -1.490302 -0.914625  46 1 0 -3.664405 -3.059257 -2.001170  47 1 0 -6.118328 -2.628883 -2.075433  48 1 0 -7.013004 -0.521011 -1.146826  49 1 0 2.687974 2.594970 -0.614206  50 1 0 3.001274 4.684309 -1.256406  51 1 0 -2.541353 -1.392414 1.843258  52 1 0 -2.829137 -3.420269 2.666271  53 1 0 1.530363 5.384363 -1.987669  54 1 0 1.976555 5.832905 -0.349708  55 1 0 -1.940521 -4.656828 1.733623  56 1 0 -1.304283 -4.119624 3.279811 |
| TM\_NP\_model\_scan\_p\_60\_p\_160 | 1 6 0 -1.385762 0.711915 0.556997  2 6 0 -0.531304 1.757452 0.184273  3 6 0 0.860699 1.643977 0.145170  4 6 0 1.462271 0.403327 0.450115  5 6 0 0.625132 -0.651299 0.810282  6 6 0 -0.765504 -0.527091 0.873725  7 6 0 2.942280 0.218046 0.516581  8 6 0 3.674777 0.958660 1.425223  9 6 0 5.068776 0.790210 1.564995  10 6 0 5.734870 -0.122437 0.787223  11 6 0 5.036132 -0.896237 -0.174051  12 6 0 3.620403 -0.725629 -0.324013  13 6 0 2.956072 -1.485322 -1.324954  14 6 0 3.642743 -2.378174 -2.112111  15 6 0 5.033898 -2.559910 -1.946174  16 6 0 5.711897 -1.831405 -1.000957  17 6 0 -2.854848 0.903447 0.333133  18 6 0 -3.712535 -0.090178 -0.278271  19 6 0 -5.104605 0.216620 -0.467130  20 6 0 -5.588358 1.516324 -0.181825  21 6 0 -4.720733 2.496488 0.223775  22 6 0 -3.367341 2.188769 0.452197  23 6 0 -3.254005 -1.328130 -0.810134  24 6 0 -4.114715 -2.240576 -1.372285  25 6 0 -5.499006 -1.976613 -1.444189  26 6 0 -5.974381 -0.765245 -1.012906  27 6 0 1.657813 2.803453 -0.309467  28 7 0 1.155838 3.964392 -0.428777  29 6 0 2.008256 5.029278 -0.917217  30 6 0 -1.521984 -1.625428 1.522553  31 7 0 -1.030766 -2.783185 1.692820  32 6 0 -1.827348 -3.765202 2.400399  33 1 0 -0.938379 2.702225 -0.147325  34 1 0 1.049136 -1.601524 1.110374  35 1 0 3.160261 1.666358 2.065598  36 1 0 5.605289 1.381022 2.298803  37 1 0 6.805303 -0.263193 0.894131  38 1 0 1.891824 -1.350886 -1.468188  39 1 0 3.114260 -2.946052 -2.869545  40 1 0 5.562891 -3.270313 -2.571434  41 1 0 6.782180 -1.956801 -0.873838  42 1 0 -6.641599 1.729281 -0.330153  43 1 0 -5.069851 3.509126 0.390187  44 1 0 -2.729273 2.973555 0.839123  45 1 0 -2.198322 -1.551668 -0.806913  46 1 0 -3.720837 -3.165667 -1.777980  47 1 0 -6.171883 -2.712123 -1.870197  48 1 0 -7.027016 -0.520727 -1.110263  49 1 0 2.708245 2.603572 -0.554558  50 1 0 3.038876 4.709428 -1.132812  51 1 0 -2.523952 -1.365766 1.887693  52 1 0 -2.808228 -3.388770 2.726983  53 1 0 1.570740 5.451153 -1.827694  54 1 0 2.034082 5.836693 -0.178490  55 1 0 -1.979273 -4.637129 1.756236  56 1 0 -1.271523 -4.114779 3.276230 |
| TM\_NP\_model\_scan\_p\_70\_m\_0 | 1 6 0 -1.422290 0.431511 -0.345222  2 6 0 -0.878864 -0.845104 -0.118952  3 6 0 0.480819 -1.158113 -0.215808  4 6 0 1.407262 -0.130438 -0.469133  5 6 0 0.907125 1.161406 -0.619590  6 6 0 -0.454669 1.463389 -0.557798  7 6 0 2.870993 -0.379044 -0.637375  8 6 0 3.319400 -1.032519 -1.768387  9 6 0 4.695269 -1.250930 -1.997236  10 6 0 5.624170 -0.812159 -1.088218  11 6 0 5.216862 -0.142234 0.093841  12 6 0 3.820844 0.079866 0.332290  13 6 0 3.437969 0.731183 1.536042  14 6 0 4.379428 1.152982 2.443801  15 6 0 5.755517 0.944958 2.199863  16 6 0 6.161063 0.310171 1.052208  17 6 0 -2.812622 0.684101 0.157459  18 6 0 -3.862721 -0.321204 0.079868  19 6 0 -5.150425 -0.025445 0.645505  20 6 0 -5.437347 1.282077 1.110292  21 6 0 -4.503154 2.272345 0.976428  22 6 0 -3.220044 1.972948 0.476859  23 6 0 -3.746376 -1.564842 -0.603872  24 6 0 -4.764199 -2.490196 -0.613412  25 6 0 -5.976524 -2.237070 0.059303  26 6 0 -6.165273 -1.018275 0.658478  27 6 0 0.918597 -2.545934 0.041409  28 7 0 0.095481 -3.509574 0.128459  29 6 0 0.618053 -4.829698 0.417488  30 6 0 -0.824515 2.835212 -0.987719  31 7 0 -0.064353 3.836361 -0.808733  32 6 0 -0.474722 5.111132 -1.363727  33 1 0 -1.507324 -1.651893 0.221692  34 1 0 1.583709 1.979416 -0.832783  35 1 0 2.597535 -1.370788 -2.503480  36 1 0 5.010533 -1.761190 -2.900353  37 1 0 6.683471 -0.972017 -1.259963  38 1 0 2.386217 0.893728 1.734467  39 1 0 4.065096 1.648373 3.355486  40 1 0 6.487963 1.285042 2.923292  41 1 0 7.215741 0.141451 0.860828  42 1 0 -6.415714 1.488047 1.531037  43 1 0 -4.726872 3.289017 1.278806  44 1 0 -2.490411 2.767989 0.513035  45 1 0 -2.854852 -1.786867 -1.169243  46 1 0 -4.632187 -3.418896 -1.156931  47 1 0 -6.762671 -2.983436 0.066993  48 1 0 -7.113056 -0.776042 1.127904  49 1 0 1.998622 -2.698521 0.162451  50 1 0 1.712625 -4.859336 0.526535  51 1 0 -1.774358 2.926040 -1.532936  52 1 0 -1.444062 5.077303 -1.884480  53 1 0 0.160079 -5.202727 1.339064  54 1 0 0.321378 -5.517026 -0.381131  55 1 0 -0.527194 5.854117 -0.561724  56 1 0 0.290070 5.460256 -2.064769 |
| TM\_NP\_model\_scan\_p\_70\_m\_10 | 1 6 0 -1.414598 0.393913 -0.260433  2 6 0 -0.865504 -0.876261 -0.024444  3 6 0 0.495363 -1.175583 -0.141581  4 6 0 1.403806 -0.143069 -0.444761  5 6 0 0.889858 1.139545 -0.623961  6 6 0 -0.473612 1.430284 -0.536233  7 6 0 2.866120 -0.383152 -0.639902  8 6 0 3.295710 -1.063656 -1.762243  9 6 0 4.668134 -1.277653 -2.014739  10 6 0 5.612602 -0.808095 -1.137678  11 6 0 5.225082 -0.110074 0.034661  12 6 0 3.832689 0.108075 0.296801  13 6 0 3.470223 0.787812 1.491182  14 6 0 4.427180 1.240085 2.367450  15 6 0 5.799458 1.035925 2.099706  16 6 0 6.185676 0.374278 0.960627  17 6 0 -2.805659 0.650753 0.226942  18 6 0 -3.872592 -0.320008 0.068971  19 6 0 -5.170166 -0.020191 0.607220  20 6 0 -5.428797 1.259218 1.159419  21 6 0 -4.454653 2.220735 1.146818  22 6 0 -3.166987 1.918529 0.661044  23 6 0 -3.748948 -1.536270 -0.659886  24 6 0 -4.786970 -2.433243 -0.756294  25 6 0 -6.024344 -2.174306 -0.131720  26 6 0 -6.210089 -0.982877 0.521531  27 6 0 0.956642 -2.551272 0.138897  28 7 0 0.147969 -3.521960 0.270861  29 6 0 0.694111 -4.828501 0.577296  30 6 0 -0.886059 2.786076 -0.973624  31 7 0 -0.116715 3.793043 -0.891063  32 6 0 -0.581963 5.052747 -1.436501  33 1 0 -1.490081 -1.681182 0.332072  34 1 0 1.553765 1.956102 -0.878927  35 1 0 2.561270 -1.426828 -2.472567  36 1 0 4.968271 -1.809494 -2.910537  37 1 0 6.669251 -0.964770 -1.327719  38 1 0 2.421564 0.947382 1.707538  39 1 0 4.128323 1.756690 3.272554  40 1 0 6.544301 1.400256 2.798250  41 1 0 7.237388 0.208376 0.751290  42 1 0 -6.414906 1.468760 1.559964  43 1 0 -4.654168 3.214350 1.531623  44 1 0 -2.405554 2.677311 0.773699  45 1 0 -2.830412 -1.757050 -1.182065  46 1 0 -4.652221 -3.343964 -1.328809  47 1 0 -6.829042 -2.897801 -0.196845  48 1 0 -7.170716 -0.741863 0.964758  49 1 0 2.041151 -2.687988 0.236033  50 1 0 1.791267 -4.842290 0.660640  51 1 0 -1.883529 2.861287 -1.427795  52 1 0 -1.594080 5.003912 -1.866623  53 1 0 0.262838 -5.186013 1.517707  54 1 0 0.387390 -5.537530 -0.198243  55 1 0 -0.565958 5.814388 -0.650524  56 1 0 0.114816 5.387799 -2.211442 |
| TM\_NP\_model\_scan\_p\_70\_m\_20 | 1 6 0 -1.406202 0.356808 -0.176104  2 6 0 -0.850667 -0.906255 0.069505  3 6 0 0.511103 -1.192284 -0.067878  4 6 0 1.400006 -0.157137 -0.422434  5 6 0 0.871081 1.115158 -0.629070  6 6 0 -0.493206 1.395257 -0.513689  7 6 0 2.860297 -0.388804 -0.644509  8 6 0 3.272015 -1.097725 -1.755864  9 6 0 4.640650 -1.307047 -2.031994  10 6 0 5.599407 -0.804833 -1.189237  11 6 0 5.230780 -0.076798 -0.029161  12 6 0 3.842370 0.137204 0.256574  13 6 0 3.499537 0.847833 1.438715  14 6 0 4.470838 1.333005 2.280903  15 6 0 5.838858 1.132650 1.989556  16 6 0 6.206535 0.441822 0.861731  17 6 0 -2.801423 0.616214 0.289646  18 6 0 -3.879573 -0.319039 0.054117  19 6 0 -5.185640 -0.017798 0.568712  20 6 0 -5.422913 1.225235 1.207474  21 6 0 -4.418751 2.151220 1.307967  22 6 0 -3.126663 1.849928 0.833189  23 6 0 -3.747140 -1.503758 -0.722359  24 6 0 -4.800455 -2.368293 -0.905612  25 6 0 -6.058786 -2.104155 -0.325148  26 6 0 -6.244387 -0.945658 0.385334  27 6 0 0.996445 -2.554258 0.237997  28 7 0 0.203599 -3.529709 0.420754  29 6 0 0.773930 -4.820836 0.747512  30 6 0 -0.945200 2.737628 -0.948908  31 7 0 -0.174569 3.747204 -0.951022  32 6 0 -0.688626 4.996064 -1.476796  33 1 0 -1.470242 -1.709676 0.441555  34 1 0 1.521278 1.929176 -0.924532  35 1 0 2.525948 -1.487586 -2.439407  36 1 0 4.926290 -1.861841 -2.918574  37 1 0 6.653116 -0.958090 -1.397524  38 1 0 2.454338 1.004697 1.672904  39 1 0 4.186796 1.872913 3.177147  40 1 0 6.595199 1.523144 2.661090  41 1 0 7.254993 0.278826 0.634531  42 1 0 -6.415241 1.436442 1.591555  43 1 0 -4.601384 3.114277 1.770987  44 1 0 -2.341785 2.572873 1.011558  45 1 0 -2.805829 -1.723410 -1.204239  46 1 0 -4.662524 -3.257560 -1.510227  47 1 0 -6.877527 -2.801257 -0.462977  48 1 0 -7.216232 -0.706926 0.804727  49 1 0 2.084771 -2.675828 0.308370  50 1 0 1.873109 -4.819965 0.799937  51 1 0 -1.978057 2.802673 -1.316066  52 1 0 -1.733715 4.938143 -1.817469  53 1 0 0.373584 -5.156981 1.709252  54 1 0 0.454076 -5.554696 0.000910  55 1 0 -0.607784 5.771476 -0.708430  56 1 0 -0.061702 5.318622 -2.314215 |
| TM\_NP\_model\_scan\_p\_70\_m\_30 | 1 6 0 -1.398786 0.326150 -0.083305  2 6 0 -0.835489 -0.929316 0.170893  3 6 0 0.526359 -1.203366 0.011415  4 6 0 1.394489 -0.167680 -0.394320  5 6 0 0.850126 1.094227 -0.622663  6 6 0 -0.513972 1.365046 -0.477347  7 6 0 2.850981 -0.392679 -0.648765  8 6 0 3.240223 -1.127603 -1.751222  9 6 0 4.603066 -1.333908 -2.056856  10 6 0 5.578850 -0.802675 -1.252362  11 6 0 5.233886 -0.046967 -0.102760  12 6 0 3.851437 0.164401 0.212527  13 6 0 3.533178 0.903958 1.383706  14 6 0 4.521612 1.418411 2.187705  15 6 0 5.883368 1.220081 1.867131  16 6 0 6.227771 0.502125 0.748946  17 6 0 -2.801670 0.581442 0.356550  18 6 0 -3.883189 -0.316998 0.034077  19 6 0 -5.199618 -0.023120 0.524054  20 6 0 -5.428619 1.170718 1.253505  21 6 0 -4.405443 2.055892 1.471547  22 6 0 -3.105872 1.764842 1.009837  23 6 0 -3.734360 -1.460646 -0.798156  24 6 0 -4.794605 -2.291027 -1.074078  25 6 0 -6.073044 -2.029139 -0.536650  26 6 0 -6.267795 -0.913124 0.236989  27 6 0 1.035203 -2.551477 0.339606  28 7 0 0.258824 -3.528470 0.576783  29 6 0 0.852862 -4.804201 0.921090  30 6 0 -1.000482 2.696880 -0.904032  31 7 0 -0.231351 3.704015 -0.991341  32 6 0 -0.787791 4.944949 -1.491701  33 1 0 -1.448798 -1.731505 0.558418  34 1 0 1.485603 1.905183 -0.956296  35 1 0 2.480251 -1.541455 -2.404672  36 1 0 4.870460 -1.909871 -2.935603  37 1 0 6.628135 -0.953587 -1.483445  38 1 0 2.493062 1.059609 1.640155  39 1 0 4.256107 1.980155 3.076192  40 1 0 6.653362 1.633776 2.508576  41 1 0 7.271384 0.340756 0.499367  42 1 0 -6.428633 1.376752 1.620134  43 1 0 -4.581639 2.977959 2.013779  44 1 0 -2.306623 2.452631 1.255952  45 1 0 -2.771976 -1.674369 -1.240923  46 1 0 -4.647676 -3.151701 -1.716785  47 1 0 -6.898522 -2.698199 -0.751842  48 1 0 -7.251710 -0.682325 0.631963  49 1 0 2.126371 -2.660778 0.378024  50 1 0 1.953157 -4.792115 0.934911  51 1 0 -2.061009 2.758769 -1.180189  52 1 0 -1.859625 4.885126 -1.734918  53 1 0 0.489522 -5.115217 1.905739  54 1 0 0.514379 -5.562822 0.208215  55 1 0 -0.635467 5.734059 -0.748564  56 1 0 -0.238487 5.249169 -2.388444 |
| TM\_NP\_model\_scan\_p\_70\_m\_40 | 1 6 0 -1.391854 0.303902 0.008220  2 6 0 -0.820210 -0.943570 0.271787  3 6 0 0.540770 -1.208116 0.088661  4 6 0 1.388608 -0.174008 -0.364397  5 6 0 0.829151 1.077421 -0.612625  6 6 0 -0.534132 1.339843 -0.440657  7 6 0 2.840334 -0.393934 -0.650784  8 6 0 3.207456 -1.152433 -1.744789  9 6 0 4.563703 -1.356599 -2.079717  10 6 0 5.555388 -0.800087 -1.312619  11 6 0 5.233628 -0.020322 -0.172416  12 6 0 3.857891 0.189357 0.172131  13 6 0 3.563627 0.953664 1.333690  14 6 0 4.568012 1.492362 2.101177  15 6 0 5.922813 1.295214 1.751671  16 6 0 6.244438 0.554345 0.641696  17 6 0 -2.805074 0.551371 0.417494  18 6 0 -3.882042 -0.311654 0.009771  19 6 0 -5.208754 -0.035119 0.480321  20 6 0 -5.441659 1.100511 1.296555  21 6 0 -4.411345 1.943839 1.623489  22 6 0 -3.102734 1.671225 1.175099  23 6 0 -3.711225 -1.408095 -0.879422  24 6 0 -4.769279 -2.207745 -1.240284  25 6 0 -6.064502 -1.957690 -0.736987  26 6 0 -6.275889 -0.889902 0.098297  27 6 0 1.070413 -2.544470 0.431585  28 7 0 0.309660 -3.522109 0.712721  29 6 0 0.924544 -4.785626 1.065255  30 6 0 -1.049873 2.662955 -0.856857  31 7 0 -0.287749 3.666790 -1.015824  32 6 0 -0.878393 4.903223 -1.486841  33 1 0 -1.426375 -1.744407 0.674841  34 1 0 1.450052 1.884598 -0.981160  35 1 0 2.434486 -1.586989 -2.368886  36 1 0 4.813262 -1.951247 -2.951242  37 1 0 6.599654 -0.949212 -1.566462  38 1 0 2.529134 1.108724 1.612205  39 1 0 4.320694 2.072481 2.983095  40 1 0 6.705501 1.728008 2.364512  41 1 0 7.282658 0.393927 0.369993  42 1 0 -6.449471 1.294491 1.648159  43 1 0 -4.590686 2.817880 2.239297  44 1 0 -2.297930 2.326095 1.487238  45 1 0 -2.731331 -1.609992 -1.289646  46 1 0 -4.608623 -3.035122 -1.922258  47 1 0 -6.888984 -2.601096 -1.022798  48 1 0 -7.270648 -0.674004 0.474050  49 1 0 2.163091 -2.644410 0.440326  50 1 0 2.024625 -4.764828 1.044992  51 1 0 -2.127902 2.723921 -1.052251  52 1 0 -1.965250 4.842817 -1.649801  53 1 0 0.593964 -5.078717 2.066799  54 1 0 0.570767 -5.561687 0.379053  55 1 0 -0.670976 5.699475 -0.764911  56 1 0 -0.395943 5.197367 -2.424444 |
| TM\_NP\_model\_scan\_p\_70\_m\_50 | 1 6 0 -1.385547 0.279362 0.103874  2 6 0 -0.802387 -0.959822 0.372267  3 6 0 0.557287 -1.213642 0.163450  4 6 0 1.382553 -0.180188 -0.332918  5 6 0 0.805944 1.060654 -0.594352  6 6 0 -0.555700 1.313204 -0.393044  7 6 0 2.828780 -0.392913 -0.652206  8 6 0 3.174802 -1.170809 -1.739400  9 6 0 4.523770 -1.369688 -2.105349  10 6 0 5.529659 -0.788230 -1.376178  11 6 0 5.230030 0.011860 -0.244064  12 6 0 3.861718 0.216029 0.131959  13 6 0 3.590526 1.001227 1.285206  14 6 0 4.609318 1.564482 2.015152  15 6 0 5.956420 1.372552 1.634396  16 6 0 6.256136 0.612251 0.531468  17 6 0 -2.808198 0.511423 0.492197  18 6 0 -3.876518 -0.303318 -0.015595  19 6 0 -5.213859 -0.055935 0.439769  20 6 0 -5.457633 0.998504 1.356085  21 6 0 -4.427521 1.788313 1.798560  22 6 0 -3.108914 1.544754 1.361163  23 6 0 -3.680397 -1.327974 -0.981421  24 6 0 -4.731499 -2.084321 -1.441493  25 6 0 -6.041985 -1.858344 -0.965724  26 6 0 -6.274163 -0.862724 -0.050249  27 6 0 1.109147 -2.538206 0.516786  28 7 0 0.366304 -3.516003 0.841939  29 6 0 1.003160 -4.767168 1.199325  30 6 0 -1.100900 2.628071 -0.794462  31 7 0 -0.351951 3.625941 -1.033693  32 6 0 -0.976536 4.858214 -1.470060  33 1 0 -1.398354 -1.761499 0.789920  34 1 0 1.410121 1.865717 -0.994127  35 1 0 2.390154 -1.625148 -2.334156  36 1 0 4.756303 -1.980071 -2.970683  37 1 0 6.568366 -0.932898 -1.654230  38 1 0 2.562224 1.152637 1.587588  39 1 0 4.379498 2.160079 2.891482  40 1 0 6.750558 1.824657 2.217867  41 1 0 7.288417 0.455747 0.235912  42 1 0 -6.473364 1.172399 1.695330  43 1 0 -4.616096 2.597133 2.495422  44 1 0 -2.303876 2.158235 1.749233  45 1 0 -2.684856 -1.508480 -1.364404  46 1 0 -4.554378 -2.858731 -2.179324  47 1 0 -6.861573 -2.465980 -1.332466  48 1 0 -7.279426 -0.670839 0.310329  49 1 0 2.202373 -2.629085 0.493047  50 1 0 2.101757 -4.738372 1.141872  51 1 0 -2.191336 2.690199 -0.898224  52 1 0 -2.073223 4.799442 -1.542015  53 1 0 0.708542 -5.042125 2.217128  54 1 0 0.633180 -5.559914 0.541323  55 1 0 -0.708315 5.662509 -0.777639  56 1 0 -0.572138 5.139124 -2.447769 |
| TM\_NP\_model\_scan\_p\_70\_m\_60 | 1 6 0 1.380641 0.242755 -0.207698  2 6 0 0.779012 -0.986782 -0.472504  3 6 0 -0.579434 -1.223695 -0.234983  4 6 0 -1.376518 -0.185602 0.297706  5 6 0 -0.777823 1.044725 0.558929  6 6 0 0.581513 1.281653 0.323291  7 6 0 -2.816035 -0.384499 0.654851  8 6 0 -3.140592 -1.172399 1.741454  9 6 0 -4.480765 -1.358776 2.144312  10 6 0 -5.499655 -0.754058 1.453102  11 6 0 -5.222467 0.057486 0.323424  12 6 0 -3.863186 0.248391 -0.090405  13 6 0 -3.615493 1.045558 -1.240742  14 6 0 -4.647589 1.632581 -1.932287  15 6 0 -5.985321 1.453786 -1.513981  16 6 0 -6.262708 0.682410 -0.412916  17 6 0 2.812264 0.446777 -0.586073  18 6 0 3.866843 -0.294739 0.042412  19 6 0 5.216428 -0.088737 -0.395822  20 6 0 5.480017 0.847700 -1.427665  21 6 0 4.457560 1.561203 -1.999438  22 6 0 3.127098 1.360469 -1.573712  23 6 0 3.639766 -1.209772 1.106166  24 6 0 4.678668 -1.896747 1.686646  25 6 0 6.004720 -1.706768 1.238046  26 6 0 6.263934 -0.820585 0.222508  27 6 0 -1.159266 -2.535483 -0.590914  28 7 0 -0.440211 -3.516213 -0.958089  29 6 0 -1.104377 -4.753433 -1.314088  30 6 0 1.158803 2.589627 0.698497  31 7 0 0.433738 3.580350 1.025078  32 6 0 1.093958 4.809695 1.414237  33 1 0 1.359284 -1.794223 -0.901792  34 1 0 -1.361013 1.853057 0.982684  35 1 0 -2.345040 -1.644735 2.307010  36 1 0 -4.695988 -1.977937 3.007884  37 1 0 -6.531612 -0.888669 1.759825  38 1 0 -2.594616 1.187175 -1.571714  39 1 0 -4.435689 2.236954 -2.807131  40 1 0 -6.790047 1.924623 -2.067363  41 1 0 -7.287822 0.535801 -0.088742  42 1 0 6.504632 0.991656 -1.754065  43 1 0 4.662183 2.277444 -2.787173  44 1 0 2.328452 1.917077 -2.051267  45 1 0 2.629480 -1.360637 1.463417  46 1 0 4.480583 -2.588508 2.497640  47 1 0 6.814940 -2.257829 1.702108  48 1 0 7.280512 -0.661475 -0.122005  49 1 0 -2.252130 -2.613628 -0.531740  50 1 0 -2.199884 -4.712995 -1.217622  51 1 0 2.253957 2.654647 0.696161  52 1 0 2.192502 4.755386 1.375970  53 1 0 -0.848849 -5.013849 -2.346199  54 1 0 -0.721247 -5.561810 -0.683195  55 1 0 0.755081 5.621807 0.763143  56 1 0 0.787674 5.075261 2.431124 |
| TM\_NP\_model\_scan\_p\_70\_m\_70 | 1 6 0 -1.374296 -0.180579 -0.293997  2 6 0 -0.746919 1.038346 -0.540961  3 6 0 0.610981 1.248221 -0.273083  4 6 0 1.374982 0.194173 0.276747  5 6 0 0.747337 -1.024820 0.523620  6 6 0 -0.610323 -1.234816 0.255053  7 6 0 2.810421 0.363501 0.664655  8 6 0 3.128602 1.144981 1.757708  9 6 0 4.463663 1.303311 2.188596  10 6 0 5.483940 0.677243 1.518744  11 6 0 5.213548 -0.128339 0.383184  12 6 0 3.859565 -0.290674 -0.059138  13 6 0 3.619561 -1.081612 -1.215437  14 6 0 4.653467 -1.689536 -1.885887  15 6 0 5.985526 -1.539248 -1.439221  16 6 0 6.255750 -0.774541 -0.331754  17 6 0 -2.811195 -0.348713 -0.678119  18 6 0 -3.859042 0.281364 0.068181  19 6 0 -5.215066 0.121240 -0.368485  20 6 0 -5.488306 -0.658233 -1.521536  21 6 0 -4.468833 -1.261035 -2.213546  22 6 0 -3.131662 -1.104883 -1.787950  23 6 0 -3.615034 1.046543 1.240770  24 6 0 -4.647677 1.631909 1.932924  25 6 0 -5.982067 1.483476 1.492599  26 6 0 -6.255878 0.743613 0.369171  27 6 0 1.224218 2.548908 -0.613106  28 7 0 0.533620 3.542391 -1.000182  29 6 0 1.229785 4.767294 -1.336931  30 6 0 -1.223608 -2.536430 0.591145  31 7 0 -0.534302 -3.528109 0.985025  32 6 0 -1.230581 -4.754696 1.315317  33 1 0 -1.305589 1.858966 -0.974146  34 1 0 1.305653 -1.845381 0.957375  35 1 0 2.331451 1.634019 2.306581  36 1 0 4.673706 1.918121 3.056537  37 1 0 6.511848 0.790344 1.846984  38 1 0 2.603150 -1.201413 -1.568072  39 1 0 4.447497 -2.288512 -2.765853  40 1 0 6.791689 -2.026429 -1.976129  41 1 0 7.276681 -0.649507 0.013934  42 1 0 -6.517777 -0.770059 -1.845304  43 1 0 -4.681110 -1.855941 -3.094720  44 1 0 -2.335317 -1.576146 -2.353288  45 1 0 -2.596575 1.164677 1.588190  46 1 0 -4.438929 2.211610 2.825064  47 1 0 -6.787210 1.952700 2.046754  48 1 0 -7.278577 0.620543 0.028030  49 1 0 2.316271 2.607124 -0.523856  50 1 0 2.321315 4.707021 -1.210254  51 1 0 -2.314676 -2.597171 0.491771  52 1 0 -2.321000 -4.697095 1.178329  53 1 0 1.007633 5.032514 -2.375531  54 1 0 0.844112 5.582358 -0.716273  55 1 0 -0.837061 -5.568851 0.698400  56 1 0 -1.017571 -5.019266 2.355992 |
| TM\_NP\_model\_scan\_p\_70\_m\_80 | 1 6 0 -1.370931 -0.086492 -0.385640  2 6 0 -0.706850 1.119608 -0.590322  3 6 0 0.651344 1.284323 -0.290941  4 6 0 1.373627 0.196867 0.249369  5 6 0 0.709529 -1.012140 0.447373  6 6 0 -0.646820 -1.177378 0.144125  7 6 0 2.801975 0.319110 0.678974  8 6 0 3.108406 1.063145 1.801178  9 6 0 4.434195 1.175966 2.273031  10 6 0 5.457132 0.541712 1.615057  11 6 0 5.199010 -0.226411 0.451040  12 6 0 3.854622 -0.341856 -0.033249  13 6 0 3.627975 -1.094528 -1.217418  14 6 0 4.665040 -1.710878 -1.875209  15 6 0 5.987036 -1.607667 -1.387115  16 6 0 6.244638 -0.880135 -0.251941  17 6 0 -2.814002 -0.196126 -0.773261  18 6 0 -3.848179 0.268954 0.100642  19 6 0 -5.213721 0.166840 -0.322254  20 6 0 -5.508309 -0.391859 -1.592343  21 6 0 -4.500188 -0.834414 -2.410516  22 6 0 -3.152985 -0.736394 -1.996759  23 6 0 -3.577373 0.820782 1.381936  24 6 0 -4.596215 1.251960 2.196906  25 6 0 -5.941523 1.155684 1.775332  26 6 0 -6.239875 0.625026 0.544752  27 6 0 1.307162 2.574931 -0.586652  28 7 0 0.653775 3.593351 -0.973636  29 6 0 1.390278 4.805986 -1.265606  30 6 0 -1.301222 -2.474764 0.410252  31 7 0 -0.657434 -3.483464 0.836364  32 6 0 -1.391556 -4.707826 1.081646  33 1 0 -1.236194 1.967674 -1.007118  34 1 0 1.237180 -1.860084 0.866693  35 1 0 2.308378 1.557936 2.340626  36 1 0 4.634715 1.762427 3.162570  37 1 0 6.477849 0.619875 1.974430  38 1 0 2.619345 -1.177875 -1.601599  39 1 0 4.469530 -2.280262 -2.776935  40 1 0 6.795701 -2.101261 -1.914322  41 1 0 7.258090 -0.790851 0.125385  42 1 0 -6.544873 -0.463237 -1.904779  43 1 0 -4.729309 -1.259593 -3.381177  44 1 0 -2.366720 -1.085129 -2.657091  45 1 0 -2.549227 0.900082 1.712248  46 1 0 -4.368333 1.669831 3.171062  47 1 0 -6.735805 1.501329 2.427379  48 1 0 -7.270900 0.546401 0.215707  49 1 0 2.397347 2.602871 -0.465436  50 1 0 2.475948 4.714713 -1.110283  51 1 0 -2.381967 -2.518106 0.224341  52 1 0 -2.467182 -4.632222 0.861840  53 1 0 1.204129 5.097807 -2.304162  54 1 0 1.008414 5.618227 -0.638908  55 1 0 -0.960666 -5.512404 0.477225  56 1 0 -1.263143 -4.999520 2.128887 |
| TM\_NP\_model\_scan\_p\_70\_m\_90 | 1 6 0 -1.364852 0.030716 -0.430582  2 6 0 -0.664967 1.225910 -0.564174  3 6 0 0.693504 1.335848 -0.239713  4 6 0 1.377767 0.201207 0.249818  5 6 0 0.677794 -0.997745 0.374321  6 6 0 -0.678010 -1.107738 0.046397  7 6 0 2.803301 0.257835 0.701697  8 6 0 3.117647 0.931329 1.865508  9 6 0 4.440291 0.978039 2.357038  10 6 0 5.452066 0.349323 1.676807  11 6 0 5.186008 -0.345880 0.469517  12 6 0 3.845028 -0.393521 -0.034987  13 6 0 3.611204 -1.071119 -1.262355  14 6 0 4.637796 -1.680564 -1.942633  15 6 0 5.955896 -1.645495 -1.434746  16 6 0 6.220535 -0.990948 -0.257488  17 6 0 -2.809694 -0.013253 -0.826372  18 6 0 -3.843553 0.241885 0.130370  19 6 0 -5.210594 0.207142 -0.298210  20 6 0 -5.506577 -0.076353 -1.656372  21 6 0 -4.498153 -0.314350 -2.555064  22 6 0 -3.149141 -0.281729 -2.136080  23 6 0 -3.569683 0.528351 1.494884  24 6 0 -4.588021 0.766671 2.386286  25 6 0 -5.935356 0.732108 1.961600  26 6 0 -6.236161 0.459031 0.650048  27 6 0 1.388111 2.621689 -0.456584  28 7 0 0.768798 3.675855 -0.801807  29 6 0 1.541755 4.882044 -1.015892  30 6 0 -1.367911 -2.403362 0.212524  31 7 0 -0.767751 -3.441983 0.630198  32 6 0 -1.532213 -4.665123 0.763406  33 1 0 -1.165883 2.110730 -0.937318  34 1 0 1.177354 -1.882604 0.749492  35 1 0 2.326021 1.420033 2.422598  36 1 0 4.647166 1.509213 3.279255  37 1 0 6.470041 0.377042 2.051093  38 1 0 2.605558 -1.101867 -1.661924  39 1 0 4.436953 -2.191756 -2.877455  40 1 0 6.756159 -2.133164 -1.979970  41 1 0 7.231355 -0.953532 0.135283  42 1 0 -6.544520 -0.099852 -1.971516  43 1 0 -4.728212 -0.528386 -3.592702  44 1 0 -2.362179 -0.470715 -2.857664  45 1 0 -2.539543 0.560962 1.827197  46 1 0 -4.358185 0.985101 3.423111  47 1 0 -6.729317 0.923285 2.674766  48 1 0 -7.268691 0.432466 0.317380  49 1 0 2.476060 2.614418 -0.314230  50 1 0 2.621845 4.753049 -0.848966  51 1 0 -2.434646 -2.419615 -0.045243  52 1 0 -2.590064 -4.560757 0.478916  53 1 0 1.380880 5.234747 -2.039652  54 1 0 1.170871 5.669046 -0.351520  55 1 0 -1.073213 -5.444301 0.146530  56 1 0 -1.476048 -5.012340 1.800004 |
| TM\_NP\_model\_scan\_p\_70\_m\_100 | 1 6 0 -1.360823 0.160083 -0.455896  2 6 0 -0.625623 1.340607 -0.500741  3 6 0 0.733125 1.388112 -0.162108  4 6 0 1.381028 0.202541 0.249569  5 6 0 0.647848 -0.982702 0.278339  6 6 0 -0.706989 -1.030773 -0.066363  7 6 0 2.802498 0.185800 0.717252  8 6 0 3.121765 0.763900 1.930054  9 6 0 4.439168 0.736116 2.436866  10 6 0 5.440693 0.128289 1.723344  11 6 0 5.169523 -0.470459 0.466530  12 6 0 3.833982 -0.441775 -0.053682  13 6 0 3.595525 -1.023945 -1.328202  14 6 0 4.612192 -1.614219 -2.039659  15 6 0 5.924552 -1.654366 -1.517481  16 6 0 6.193666 -1.092922 -0.294069  17 6 0 -2.808827 0.192366 -0.837958  18 6 0 -3.835850 0.207515 0.160330  19 6 0 -5.207103 0.247406 -0.253843  20 6 0 -5.514571 0.280488 -1.638435  21 6 0 -4.513154 0.279557 -2.575547  22 6 0 -3.160049 0.236413 -2.171408  23 6 0 -3.551552 0.194448 1.552633  24 6 0 -4.563349 0.208067 2.482473  25 6 0 -5.914882 0.237480 2.071568  26 6 0 -6.225858 0.258563 0.734411  27 6 0 1.464907 2.666213 -0.278097  28 7 0 0.879002 3.759609 -0.552413  29 6 0 1.687878 4.955630 -0.669630  30 6 0 -1.426371 -2.320437 -0.027378  31 7 0 -0.869019 -3.396100 0.354091  32 6 0 -1.656721 -4.611761 0.349123  33 1 0 -1.100582 2.265185 -0.804967  34 1 0 1.120940 -1.907183 0.586289  35 1 0 2.337858 1.233759 2.513659  36 1 0 4.649885 1.192627 3.397401  37 1 0 6.454290 0.098678 2.109204  38 1 0 2.594272 -0.996987 -1.739041  39 1 0 4.407779 -2.051766 -3.010390  40 1 0 6.716855 -2.125977 -2.087853  41 1 0 7.200209 -1.113697 0.110723  42 1 0 -6.555609 0.310622 -1.942674  43 1 0 -4.752168 0.309742 -3.632620  44 1 0 -2.379258 0.231023 -2.923685  45 1 0 -2.518991 0.180080 1.878610  46 1 0 -4.324576 0.199822 3.540049  47 1 0 -6.703605 0.247640 2.815400  48 1 0 -7.261499 0.287244 0.411715  49 1 0 2.550348 2.618114 -0.125191  50 1 0 2.761631 4.783795 -0.500345  51 1 0 -2.474352 -2.299080 -0.352394  52 1 0 -2.691526 -4.468815 0.003336  53 1 0 1.550630 5.385882 -1.666840  54 1 0 1.330333 5.702880 0.045991  55 1 0 -1.167515 -5.353855 -0.289899  56 1 0 -1.674998 -5.031700 1.359818 |
| TM\_NP\_model\_scan\_p\_70\_m\_110 | 1 6 0 -1.357181 0.269282 -0.427487  2 6 0 -0.592027 1.431596 -0.383084  3 6 0 0.767903 1.421250 -0.047813  4 6 0 1.387527 0.193722 0.273546  5 6 0 0.626273 -0.972514 0.211777  6 6 0 -0.728563 -0.963383 -0.135961  7 6 0 2.809235 0.110139 0.732952  8 6 0 3.144376 0.591005 1.983293  9 6 0 4.462847 0.500870 2.479959  10 6 0 5.449739 -0.071543 1.718383  11 6 0 5.162068 -0.571362 0.422694  12 6 0 3.825102 -0.480125 -0.086837  13 6 0 3.570318 -0.963943 -1.398721  14 6 0 4.572592 -1.519988 -2.156650  15 6 0 5.886332 -1.621494 -1.646274  16 6 0 6.171188 -1.155319 -0.387002  17 6 0 -2.804252 0.377169 -0.793293  18 6 0 -3.840604 0.162145 0.173718  19 6 0 -5.208322 0.298239 -0.233114  20 6 0 -5.505010 0.657295 -1.573007  21 6 0 -4.495908 0.881523 -2.474160  22 6 0 -3.147078 0.743257 -2.079514  23 6 0 -3.571685 -0.161486 1.531176  24 6 0 -4.592830 -0.361697 2.428824  25 6 0 -5.940383 -0.245979 2.020230  26 6 0 -6.237163 0.080206 0.720231  27 6 0 1.529905 2.686795 -0.072264  28 7 0 0.969618 3.811503 -0.259522  29 6 0 1.807492 4.992766 -0.294275  30 6 0 -1.464614 -2.241685 -0.225692  31 7 0 -0.943832 -3.348310 0.116797  32 6 0 -1.740496 -4.549918 -0.024978  33 1 0 -1.045676 2.388799 -0.608618  34 1 0 1.078286 -1.929451 0.442558  35 1 0 2.372241 1.033149 2.603124  36 1 0 4.685932 0.881499 3.470296  37 1 0 6.464121 -0.148746 2.095461  38 1 0 2.568037 -0.888353 -1.800758  39 1 0 4.355897 -1.882393 -3.155277  40 1 0 6.667241 -2.064734 -2.253900  41 1 0 7.178923 -1.224021 0.009459  42 1 0 -6.543793 0.757167 -1.869776  43 1 0 -4.725540 1.162598 -3.495754  44 1 0 -2.360284 0.914985 -2.805382  45 1 0 -2.543046 -0.242099 1.859057  46 1 0 -4.364047 -0.605740 3.460149  47 1 0 -6.736720 -0.408320 2.737847  48 1 0 -7.269385 0.181207 0.401190  49 1 0 2.614768 2.601246 0.067869  50 1 0 2.877027 4.782923 -0.142006  51 1 0 -2.488760 -2.184962 -0.615772  52 1 0 -2.747645 -4.369259 -0.429514  53 1 0 1.678788 5.496159 -1.257874  54 1 0 1.470131 5.695820 0.473937  55 1 0 -1.215448 -5.254060 -0.678321  56 1 0 -1.832242 -5.036723 0.951146 |
| TM\_NP\_model\_scan\_p\_70\_m\_120 | 1 6 0 -1.354732 0.346087 -0.422623  2 6 0 -0.568295 1.491795 -0.322300  3 6 0 0.791176 1.443730 0.010128  4 6 0 1.390163 0.193514 0.277285  5 6 0 0.610058 -0.955833 0.158153  6 6 0 -0.743397 -0.908999 -0.190737  7 6 0 2.808707 0.065408 0.735714  8 6 0 3.148030 0.483537 2.007316  9 6 0 4.463141 0.348327 2.502676  10 6 0 5.442514 -0.206214 1.718485  11 6 0 5.150538 -0.641749 0.400748  12 6 0 3.817052 -0.504513 -0.107482  13 6 0 3.558326 -0.923339 -1.440781  14 6 0 4.553305 -1.461841 -2.220639  15 6 0 5.863306 -1.609476 -1.711916  16 6 0 6.152106 -1.205919 -0.432064  17 6 0 -2.805778 0.503694 -0.745444  18 6 0 -3.836309 0.119023 0.177066  19 6 0 -5.207221 0.320262 -0.191588  20 6 0 -5.515086 0.921406 -1.438687  21 6 0 -4.512870 1.324995 -2.283208  22 6 0 -3.162012 1.120379 -1.929718  23 6 0 -3.562577 -0.422269 1.462819  24 6 0 -4.579105 -0.778185 2.316434  25 6 0 -5.928967 -0.610111 1.935623  26 6 0 -6.231528 -0.068484 0.711366  27 6 0 1.572991 2.697005 0.044504  28 7 0 1.031043 3.837775 -0.092814  29 6 0 1.887212 5.006118 -0.072175  30 6 0 -1.485842 -2.174230 -0.373467  31 7 0 -0.996197 -3.299845 -0.047812  32 6 0 -1.790392 -4.486154 -0.294085  33 1 0 -1.006794 2.467187 -0.492935  34 1 0 1.047040 -1.930229 0.339688  35 1 0 2.381450 0.910574 2.644377  36 1 0 4.689417 0.680169 3.509700  37 1 0 6.454136 -0.318234 2.094214  38 1 0 2.558987 -0.811253 -1.841495  39 1 0 4.333849 -1.774666 -3.235296  40 1 0 6.638435 -2.038386 -2.336989  41 1 0 7.157189 -1.310251 -0.036599  42 1 0 -6.556410 1.066575 -1.706337  43 1 0 -4.749821 1.797286 -3.229836  44 1 0 -2.381975 1.430496 -2.615812  45 1 0 -2.534241 -0.545056 1.776610  46 1 0 -4.343693 -1.184942 3.293489  47 1 0 -6.721563 -0.899019 2.616610  48 1 0 -7.265138 0.080214 0.416443  49 1 0 2.656064 2.588161 0.182595  50 1 0 2.952978 4.772963 0.072378  51 1 0 -2.482953 -2.089730 -0.823567  52 1 0 -2.767772 -4.278146 -0.754617  53 1 0 1.768791 5.554853 -1.012025  54 1 0 1.558909 5.678570 0.726736  55 1 0 -1.228864 -5.166033 -0.942779  56 1 0 -1.949024 -5.014409 0.651411 |
| TM\_NP\_model\_scan\_p\_70\_m\_130 | 1 6 0 -1.353422 0.386084 -0.428508  2 6 0 -0.553636 1.521201 -0.297166  3 6 0 0.804063 1.454362 0.036149  4 6 0 1.391430 0.194079 0.280112  5 6 0 0.600508 -0.944459 0.133729  6 6 0 -0.751292 -0.878557 -0.218356  7 6 0 2.807435 0.043203 0.738834  8 6 0 3.148823 0.432556 2.019005  9 6 0 4.462136 0.275663 2.512833  10 6 0 5.437707 -0.270915 1.718360  11 6 0 5.143742 -0.676246 0.391442  12 6 0 3.812130 -0.517153 -0.115123  13 6 0 3.551659 -0.904726 -1.457516  14 6 0 4.543141 -1.434390 -2.247799  15 6 0 5.851144 -1.604058 -1.740862  16 6 0 6.141653 -1.230744 -0.452216  17 6 0 -2.808811 0.576439 -0.707419  18 6 0 -3.835563 0.075113 0.165986  19 6 0 -5.208496 0.338062 -0.157347  20 6 0 -5.524118 1.122887 -1.295116  21 6 0 -4.526334 1.652521 -2.072229  22 6 0 -3.175723 1.386650 -1.767285  23 6 0 -3.561766 -0.626866 1.372157  24 6 0 -4.576086 -1.085559 2.178037  25 6 0 -5.927030 -0.867697 1.828387  26 6 0 -6.230960 -0.165406 0.689565  27 6 0 1.595068 2.700810 0.101643  28 7 0 1.062696 3.848247 -0.015978  29 6 0 1.926950 5.009661 0.035879  30 6 0 -1.488147 -2.137281 -0.463920  31 7 0 -1.017049 -3.271861 -0.142716  32 6 0 -1.797597 -4.450058 -0.461141  33 1 0 -0.982485 2.505680 -0.436308  34 1 0 1.028397 -1.926960 0.291728  35 1 0 2.385151 0.852980 2.663904  36 1 0 4.690035 0.584843 3.526681  37 1 0 6.447881 -0.399304 2.092741  38 1 0 2.553890 -0.775313 -1.856879  39 1 0 4.322478 -1.723091 -3.269323  40 1 0 6.623512 -2.025734 -2.374224  41 1 0 7.145349 -1.351913 -0.058004  42 1 0 -6.566929 1.311303 -1.527638  43 1 0 -4.766925 2.271539 -2.929075  44 1 0 -2.401489 1.794391 -2.407130  45 1 0 -2.534713 -0.789559 1.669543  46 1 0 -4.336867 -1.612229 3.095046  47 1 0 -6.717985 -1.241631 2.468658  48 1 0 -7.264633 0.029704 0.423355  49 1 0 2.676234 2.580955 0.245373  50 1 0 2.989981 4.765851 0.182844  51 1 0 -2.460692 -2.038655 -0.962251  52 1 0 -2.750174 -4.228815 -0.965437  53 1 0 1.819124 5.579426 -0.892656  54 1 0 1.597677 5.666953 0.846914  55 1 0 -1.203451 -5.113027 -1.098175  56 1 0 -2.004537 -5.003159 0.460488 |
| TM\_NP\_model\_scan\_p\_70\_m\_140 | 1 6 0 -1.355051 0.422487 -0.448980  2 6 0 -0.542516 1.548968 -0.303958  3 6 0 0.813806 1.470240 0.029547  4 6 0 1.390821 0.205206 0.272593  5 6 0 0.590907 -0.925097 0.115331  6 6 0 -0.758599 -0.847099 -0.242306  7 6 0 2.802724 0.040307 0.738378  8 6 0 3.140150 0.422066 2.021939  9 6 0 4.448594 0.249760 2.523463  10 6 0 5.423143 -0.305239 1.733579  11 6 0 5.133196 -0.703544 0.403650  12 6 0 3.806769 -0.528187 -0.110993  13 6 0 3.550665 -0.908879 -1.456183  14 6 0 4.541151 -1.447676 -2.241525  15 6 0 5.843757 -1.633805 -1.726542  16 6 0 6.130168 -1.267187 -0.435055  17 6 0 -2.816770 0.635543 -0.674652  18 6 0 -3.833029 0.038732 0.154874  19 6 0 -5.211038 0.336413 -0.116443  20 6 0 -5.544122 1.262875 -1.135755  21 6 0 -4.556549 1.902900 -1.839224  22 6 0 -3.203435 1.598201 -1.592857  23 6 0 -3.549061 -0.778980 1.283732  24 6 0 -4.553793 -1.325076 2.045948  25 6 0 -5.908856 -1.086542 1.728634  26 6 0 -6.224274 -0.265968 0.675774  27 6 0 1.613210 2.710957 0.104116  28 7 0 1.090333 3.862650 -0.014135  29 6 0 1.962744 5.017510 0.047069  30 6 0 -1.484937 -2.102568 -0.537036  31 7 0 -1.026456 -3.242640 -0.217736  32 6 0 -1.789956 -4.415105 -0.593583  33 1 0 -0.961530 2.539800 -0.424267  34 1 0 1.010435 -1.912501 0.264918  35 1 0 2.376806 0.848085 2.663544  36 1 0 4.673383 0.553449 3.539660  37 1 0 6.429412 -0.445945 2.113995  38 1 0 2.557073 -0.766834 -1.861620  39 1 0 4.323874 -1.730973 -3.265283  40 1 0 6.615312 -2.062742 -2.356006  41 1 0 7.129820 -1.400924 -0.034673  42 1 0 -6.590342 1.475129 -1.328830  43 1 0 -4.807436 2.637709 -2.595705  44 1 0 -2.441819 2.090138 -2.186695  45 1 0 -2.520873 -0.959143 1.563731  46 1 0 -4.302361 -1.936484 2.905284  47 1 0 -6.692631 -1.532782 2.330204  48 1 0 -7.260623 -0.045639 0.441545  49 1 0 2.692446 2.582609 0.254946  50 1 0 3.022957 4.765326 0.200034  51 1 0 -2.434895 -1.995147 -1.075713  52 1 0 -2.721883 -4.184546 -1.131192  53 1 0 1.865200 5.591036 -0.880269  54 1 0 1.633236 5.674533 0.858208  55 1 0 -1.168610 -5.062781 -1.220323  56 1 0 -2.033026 -4.988727 0.306399 |
| TM\_NP\_model\_scan\_p\_70\_p\_20 | 1 6 0 -1.410899 0.382396 -0.165577  2 6 0 -0.849610 -0.894790 -0.299024  3 6 0 0.523472 -1.129958 -0.424082  4 6 0 1.406215 -0.032941 -0.490783  5 6 0 0.864038 1.246249 -0.386147  6 6 0 -0.504979 1.478917 -0.231877  7 6 0 2.875613 -0.186779 -0.721926  8 6 0 3.327841 -0.597366 -1.960416  9 6 0 4.706472 -0.721553 -2.238364  10 6 0 5.634706 -0.435897 -1.269612  11 6 0 5.223920 -0.020818 0.022833  12 6 0 3.825253 0.104676 0.310639  13 6 0 3.440522 0.494407 1.622222  14 6 0 4.381190 0.762565 2.587278  15 6 0 5.759513 0.653397 2.295965  16 6 0 6.167536 0.268064 1.043223  17 6 0 -2.885671 0.526854 -0.356951  18 6 0 -3.836760 -0.371387 0.262289  19 6 0 -5.236751 -0.189850 0.000059  20 6 0 -5.672954 0.917988 -0.769109  21 6 0 -4.766306 1.832643 -1.234736  22 6 0 -3.388409 1.643907 -1.007400  23 6 0 -3.480041 -1.395887 1.182933  24 6 0 -4.421706 -2.233270 1.733071  25 6 0 -5.786173 -2.100514 1.400821  26 6 0 -6.180307 -1.089971 0.561425  27 6 0 1.014280 -2.523024 -0.485397  28 7 0 0.226391 -3.519206 -0.503999  29 6 0 0.804457 -4.846826 -0.544564  30 6 0 -0.922551 2.872233 0.051493  31 7 0 -0.226248 3.876217 -0.295362  32 6 0 -0.678985 5.192218 0.108615  33 1 0 -1.485400 -1.766378 -0.360817  34 1 0 1.512415 2.113188 -0.418858  35 1 0 2.606583 -0.811385 -2.741283  36 1 0 5.023946 -1.037882 -3.225539  37 1 0 6.695795 -0.524223 -1.477950  38 1 0 2.387140 0.576404 1.857896  39 1 0 4.065096 1.057959 3.581463  40 1 0 6.491448 0.870651 3.065737  41 1 0 7.224046 0.175616 0.813719  42 1 0 -6.734035 1.039079 -0.959527  43 1 0 -5.095833 2.697631 -1.799002  44 1 0 -2.701865 2.340135 -1.470113  45 1 0 -2.448822 -1.508229 1.483316  46 1 0 -4.110989 -2.997361 2.436678  47 1 0 -6.517608 -2.777193 1.827893  48 1 0 -7.230132 -0.946698 0.327558  49 1 0 2.103749 -2.651536 -0.501960  50 1 0 1.904871 -4.851533 -0.553205  51 1 0 -1.851341 2.988753 0.625818  52 1 0 -1.619533 5.182506 0.680400  53 1 0 0.454118 -5.418229 0.320941  54 1 0 0.439696 -5.370542 -1.433884  55 1 0 0.097916 5.668656 0.715089  56 1 0 -0.809826 5.817427 -0.780263 |
| TM\_NP\_model\_scan\_p\_70\_p\_30 | 1 6 0 -1.410501 0.339178 -0.250840  2 6 0 -0.834728 -0.929339 -0.382117  3 6 0 0.544211 -1.139075 -0.485542  4 6 0 1.409553 -0.025094 -0.513676  5 6 0 0.847987 1.244507 -0.396008  6 6 0 -0.528331 1.452908 -0.267249  7 6 0 2.885831 -0.153100 -0.716462  8 6 0 3.369822 -0.534614 -1.952254  9 6 0 4.755633 -0.633346 -2.203441  10 6 0 5.659195 -0.351061 -1.210685  11 6 0 5.215495 0.035000 0.079915  12 6 0 3.809426 0.134287 0.340582  13 6 0 3.391842 0.495128 1.650404  14 6 0 4.308185 0.760521 2.639327  15 6 0 5.693710 0.677349 2.374971  16 6 0 6.133330 0.320197 1.124556  17 6 0 -2.888164 0.473425 -0.412300  18 6 0 -3.820420 -0.378558 0.286177  19 6 0 -5.225872 -0.212931 0.047166  20 6 0 -5.677515 0.824794 -0.806463  21 6 0 -4.780669 1.684797 -1.384103  22 6 0 -3.397741 1.514898 -1.171433  23 6 0 -3.432053 -1.346354 1.253622  24 6 0 -4.357475 -2.141026 1.887596  25 6 0 -5.732855 -2.016980 1.596720  26 6 0 -6.152952 -1.065133 0.702685  27 6 0 1.061187 -2.522134 -0.554997  28 7 0 0.291620 -3.531142 -0.611981  29 6 0 0.893862 -4.847849 -0.655142  30 6 0 -0.991573 2.832929 0.003619  31 7 0 -0.290315 3.853113 -0.281012  32 6 0 -0.799602 5.156401 0.095495  33 1 0 -1.461600 -1.808087 -0.449579  34 1 0 1.484598 2.120778 -0.399762  35 1 0 2.668181 -0.745645 -2.751614  36 1 0 5.098235 -0.927438 -3.189096  37 1 0 6.725590 -0.419876 -1.398290  38 1 0 2.332706 0.557364 1.865334  39 1 0 3.967141 1.033822 3.631577  40 1 0 6.406242 0.892276 3.163377  41 1 0 7.195639 0.247841 0.915495  42 1 0 -6.742879 0.934869 -0.978966  43 1 0 -5.123780 2.491219 -2.022231  44 1 0 -2.713882 2.167514 -1.699213  45 1 0 -2.388349 -1.448646 1.514214  46 1 0 -4.026914 -2.864779 2.624068  47 1 0 -6.451873 -2.658105 2.094015  48 1 0 -7.209618 -0.935941 0.492657  49 1 0 2.152801 -2.631897 -0.542337  50 1 0 1.994001 -4.833589 -0.632276  51 1 0 -1.964112 2.926247 0.504203  52 1 0 -1.781244 5.123070 0.592396  53 1 0 0.529161 -5.437996 0.191668  54 1 0 0.563772 -5.364456 -1.561993  55 1 0 -0.081725 5.643263 0.763346  56 1 0 -0.874142 5.786033 -0.796790 |
| TM\_NP\_model\_scan\_p\_70\_p\_40 | 1 6 0 -1.410857 0.294220 -0.336490  2 6 0 -0.819242 -0.965784 -0.457624  3 6 0 0.564938 -1.150741 -0.537851  4 6 0 1.411587 -0.020989 -0.534369  5 6 0 0.829614 1.238917 -0.412217  6 6 0 -0.553104 1.423435 -0.311546  7 6 0 2.893586 -0.123422 -0.709676  8 6 0 3.407368 -0.481211 -1.940527  9 6 0 4.799153 -0.554047 -2.166184  10 6 0 5.678823 -0.269724 -1.152761  11 6 0 5.204230 0.092337 0.133806  12 6 0 3.791978 0.165290 0.368493  13 6 0 3.343610 0.502458 1.674444  14 6 0 4.236376 0.769625 2.684224  15 6 0 5.627872 0.712322 2.445684  16 6 0 6.097113 0.378806 1.199511  17 6 0 -2.891826 0.412528 -0.473431  18 6 0 -3.801288 -0.379259 0.312980  19 6 0 -5.211870 -0.241476 0.090068  20 6 0 -5.684256 0.700713 -0.858410  21 6 0 -4.803338 1.493443 -1.547416  22 6 0 -3.415304 1.353496 -1.343934  23 6 0 -3.379213 -1.262920 1.344027  24 6 0 -4.284131 -1.999283 2.070709  25 6 0 -5.668288 -1.895921 1.812229  26 6 0 -6.117427 -1.029785 0.847547  27 6 0 1.108013 -2.523546 -0.608944  28 7 0 0.358146 -3.544626 -0.702494  29 6 0 0.984448 -4.850205 -0.742892  30 6 0 -1.059628 2.791452 -0.063029  31 7 0 -0.355021 3.825433 -0.282557  32 6 0 -0.917015 5.117327 0.055727  33 1 0 -1.435761 -1.852636 -0.526487  34 1 0 1.453066 2.124428 -0.392732  35 1 0 2.724703 -0.693395 -2.755876  36 1 0 5.165360 -0.829766 -3.148662  37 1 0 6.749596 -0.318693 -1.320641  38 1 0 2.279691 0.545333 1.869499  39 1 0 3.871943 1.024561 3.673038  40 1 0 6.321604 0.928446 3.250360  41 1 0 7.164266 0.326472 1.010050  42 1 0 -6.753416 0.790749 -1.018949  43 1 0 -5.164342 2.222877 -2.263578  44 1 0 -2.738905 1.954893 -1.939329  45 1 0 -2.325435 -1.345696 1.571537  46 1 0 -3.931983 -2.660868 2.854165  47 1 0 -6.371334 -2.488985 2.386149  48 1 0 -7.180060 -0.923392 0.655579  49 1 0 2.200539 -2.614957 -0.564393  50 1 0 2.082940 -4.817430 -0.685695  51 1 0 -2.071716 2.864543 0.354959  52 1 0 -1.934953 5.064080 0.471105  53 1 0 0.604081 -5.457198 0.084892  54 1 0 0.691603 -5.360699 -1.665858  55 1 0 -0.264491 5.613792 0.781080  56 1 0 -0.930391 5.749556 -0.837743 |
| TM\_NP\_model\_scan\_p\_70\_p\_50 | 1 6 0 -1.412313 0.243155 -0.428166  2 6 0 -0.801349 -1.007451 -0.530418  3 6 0 0.587538 -1.166485 -0.584469  4 6 0 1.412903 -0.020555 -0.558290  5 6 0 0.807699 1.229134 -0.445862  6 6 0 -0.580704 1.388159 -0.376783  7 6 0 2.900054 -0.096584 -0.702374  8 6 0 3.445960 -0.440191 -1.923350  9 6 0 4.843277 -0.487842 -2.119683  10 6 0 5.696195 -0.193043 -1.086582  11 6 0 5.188208 0.154681 0.191155  12 6 0 3.770218 0.202500 0.395917  13 6 0 3.288508 0.525849 1.693458  14 6 0 4.154886 0.802662 2.723423  15 6 0 5.551920 0.769763 2.514524  16 6 0 6.053183 0.450711 1.277068  17 6 0 -2.897763 0.336005 -0.543344  18 6 0 -3.776366 -0.372595 0.345310  19 6 0 -5.193075 -0.273328 0.144921  20 6 0 -5.696965 0.539663 -0.901900  21 6 0 -4.841017 1.241871 -1.711134  22 6 0 -3.446604 1.143404 -1.523452  23 6 0 -3.312403 -1.141790 1.447239  24 6 0 -4.188344 -1.800839 2.276121  25 6 0 -5.581155 -1.728079 2.053612  26 6 0 -6.068184 -0.976270 1.014035  27 6 0 1.158057 -2.528439 -0.645862  28 7 0 0.430589 -3.562268 -0.771177  29 6 0 1.081902 -4.855908 -0.798511  30 6 0 -1.129682 2.745182 -0.166172  31 7 0 -0.427005 3.791705 -0.324302  32 6 0 -1.039666 5.073737 -0.041882  33 1 0 -1.404760 -1.904100 -0.596454  34 1 0 1.415252 2.125231 -0.412113  35 1 0 2.784549 -0.660635 -2.753895  36 1 0 5.235018 -0.752687 -3.095284  37 1 0 6.770976 -0.222900 -1.231813  38 1 0 2.220107 0.550586 1.865817  39 1 0 3.765156 1.046556 3.705351  40 1 0 6.224602 0.993184 3.334928  41 1 0 7.124863 0.417210 1.110259  42 1 0 -6.770527 0.601559 -1.045644  43 1 0 -5.227608 1.868518 -2.506863  44 1 0 -2.786150 1.678774 -2.195809  45 1 0 -2.249538 -1.199408 1.639990  46 1 0 -3.807742 -2.378059 3.111271  47 1 0 -6.261233 -2.257826 2.711104  48 1 0 -7.137185 -0.899979 0.844353  49 1 0 2.250066 -2.600275 -0.565804  50 1 0 2.177040 -4.803622 -0.703680  51 1 0 -2.175453 2.799665 0.161057  52 1 0 -2.089156 5.003200 0.282130  53 1 0 0.684782 -5.475522 0.011860  54 1 0 0.830089 -5.365065 -1.734252  55 1 0 -0.462533 5.583663 0.736146  56 1 0 -0.985207 5.703407 -0.935612 |
| TM\_NP\_model\_scan\_p\_70\_p\_60 | 1 6 0 -1.414586 0.185063 -0.516391  2 6 0 -0.783598 -1.056315 -0.586387  3 6 0 0.609026 -1.190224 -0.611309  4 6 0 1.412597 -0.028480 -0.581019  5 6 0 0.784307 1.211738 -0.493816  6 6 0 -0.608367 1.345525 -0.454711  7 6 0 2.903357 -0.080739 -0.697352  8 6 0 3.476093 -0.426691 -1.905300  9 6 0 4.877191 -0.453301 -2.076991  10 6 0 5.706993 -0.134805 -1.032176  11 6 0 5.171109 0.216889 0.233010  12 6 0 3.749120 0.243484 0.412709  13 6 0 3.239607 0.572003 1.698256  14 6 0 4.083272 0.872999 2.740232  15 6 0 5.484111 0.860478 2.556018  16 6 0 6.012043 0.537436 1.330754  17 6 0 -2.904512 0.248178 -0.612449  18 6 0 -3.750008 -0.351773 0.378816  19 6 0 -5.171823 -0.302752 0.199551  20 6 0 -5.710329 0.349608 -0.938598  21 6 0 -4.883018 0.938750 -1.860469  22 6 0 -3.482915 0.888072 -1.692358  23 6 0 -3.244425 -0.972522 1.553455  24 6 0 -4.088780 -1.534569 2.480544  25 6 0 -5.488019 -1.505858 2.288072  26 6 0 -6.013521 -0.899718 1.174492  27 6 0 1.205978 -2.541767 -0.639700  28 7 0 0.501198 -3.590517 -0.770790  29 6 0 1.176210 -4.872148 -0.760645  30 6 0 -1.196024 2.692727 -0.297292  31 7 0 -0.501321 3.750898 -0.405415  32 6 0 -1.159996 5.023947 -0.196099  33 1 0 -1.372633 -1.963604 -0.639941  34 1 0 1.375202 2.118913 -0.459660  35 1 0 2.832956 -0.666264 -2.744856  36 1 0 5.290185 -0.721148 -3.042964  37 1 0 6.784502 -0.148748 -1.158324  38 1 0 2.168058 0.581713 1.851630  39 1 0 3.672547 1.120627 3.712621  40 1 0 6.138654 1.102781 3.385684  41 1 0 7.086882 0.519554 1.182968  42 1 0 -6.787536 0.377279 -1.064775  43 1 0 -5.297002 1.438332 -2.729038  44 1 0 -2.843022 1.336442 -2.444116  45 1 0 -2.175029 -0.996078 1.717621  46 1 0 -3.679017 -2.001511 3.369130  47 1 0 -6.142914 -1.956941 3.025028  48 1 0 -7.087476 -0.862975 1.023913  49 1 0 2.296461 -2.592142 -0.528475  50 1 0 2.267127 -4.798550 -0.635785  51 1 0 -2.267137 2.729902 -0.062946  52 1 0 -2.232343 4.936741 0.035690  53 1 0 0.767392 -5.487132 0.047444  54 1 0 0.960271 -5.399415 -1.695336  55 1 0 -0.662814 5.555378 0.621722  56 1 0 -1.039011 5.642767 -1.090889 |
| TM\_NP\_model\_scan\_p\_70\_p\_70 | 1 6 0 1.415007 -0.066378 -0.600299  2 6 0 0.750853 1.158166 -0.590938  3 6 0 -0.645774 1.251781 -0.586360  4 6 0 -1.414974 0.066493 -0.600244  5 6 0 -0.750829 -1.158053 -0.591213  6 6 0 0.645798 -1.251679 -0.586673  7 6 0 -2.908644 0.081485 -0.689547  8 6 0 -3.512032 0.469417 -1.869442  9 6 0 -4.916228 0.465432 -2.016320  10 6 0 -5.718398 0.075654 -0.974096  11 6 0 -5.150682 -0.319848 0.263972  12 6 0 -3.725414 -0.316827 0.418010  13 6 0 -3.184143 -0.690551 1.677952  14 6 0 -4.000653 -1.060364 2.719400  15 6 0 -5.404532 -1.076066 2.560067  16 6 0 -5.962909 -0.712022 1.360048  17 6 0 2.908674 -0.081340 -0.689624  18 6 0 3.725434 0.316762 0.418028  19 6 0 5.150708 0.319715 0.264049  20 6 0 5.718451 -0.075607 -0.974072  21 6 0 4.916295 -0.465053 -2.016418  22 6 0 3.512087 -0.468992 -1.869591  23 6 0 3.184129 0.690377 1.677979  24 6 0 4.000615 1.059988 2.719522  25 6 0 5.404497 1.075579 2.560265  26 6 0 5.962908 0.711661 1.360216  27 6 0 -1.282272 2.584314 -0.534296  28 7 0 -0.611576 3.659111 -0.628152  29 6 0 -1.323274 4.917600 -0.538936  30 6 0 1.282271 -2.584232 -0.534853  31 7 0 0.611482 -3.659013 -0.628239  32 6 0 1.323164 -4.917516 -0.539267  33 1 0 1.314971 2.082843 -0.596945  34 1 0 -1.314950 -2.082728 -0.597440  35 1 0 -2.890809 0.766649 -2.707065  36 1 0 -5.353509 0.767388 -2.961324  37 1 0 -6.798006 0.066431 -1.081264  38 1 0 -2.110001 -0.679561 1.811977  39 1 0 -3.566044 -1.341183 3.672196  40 1 0 -6.037364 -1.372555 3.388986  41 1 0 -7.040394 -0.715474 1.231783  42 1 0 6.798066 -0.066471 -1.081175  43 1 0 5.353581 -0.766792 -2.961490  44 1 0 2.890889 -0.765955 -2.707323  45 1 0 2.109981 0.679441 1.811953  46 1 0 3.565978 1.340731 3.672327  47 1 0 6.037322 1.371881 3.389257  48 1 0 7.040402 0.715050 1.232022  49 1 0 -2.370864 2.595875 -0.397400  50 1 0 -2.408671 4.804996 -0.396066  51 1 0 2.370938 -2.595831 -0.398579  52 1 0 2.408665 -4.804954 -0.397135  53 1 0 -0.915131 5.502842 0.291281  54 1 0 -1.142957 5.497822 -1.449496  55 1 0 0.915550 -5.502593 0.291333  56 1 0 1.142216 -5.497913 -1.449592 |
| TM\_NP\_model\_scan\_p\_70\_p\_80 | 1 6 0 1.412057 0.095169 -0.657899  2 6 0 0.717786 1.294443 -0.524652  3 6 0 -0.681278 1.348236 -0.495900  4 6 0 -1.418642 0.148706 -0.614296  5 6 0 -0.722515 -1.052415 -0.732815  6 6 0 0.675900 -1.106526 -0.753004  7 6 0 -2.913735 0.129635 -0.677419  8 6 0 -3.550946 0.613904 -1.802651  9 6 0 -4.956982 0.580075 -1.926694  10 6 0 -5.726999 0.061513 -0.916832  11 6 0 -5.124096 -0.438231 0.265622  12 6 0 -3.696962 -0.404254 0.396929  13 6 0 -3.120903 -0.885954 1.603655  14 6 0 -3.905815 -1.386503 2.614321  15 6 0 -5.311275 -1.431999 2.476024  16 6 0 -5.903088 -0.966208 1.328379  17 6 0 2.908195 0.125111 -0.727215  18 6 0 3.699593 0.245126 0.459851  19 6 0 5.126783 0.300059 0.340770  20 6 0 5.720448 0.233310 -0.945775  21 6 0 4.941136 0.114159 -2.068338  22 6 0 3.534244 0.059325 -1.955194  23 6 0 3.128355 0.300577 1.759984  24 6 0 3.920033 0.411349 2.877626  25 6 0 5.326620 0.472085 2.757080  26 6 0 5.912873 0.416704 1.516875  27 6 0 -1.352582 2.650554 -0.305129  28 7 0 -0.713379 3.748428 -0.304470  29 6 0 -1.457980 4.970653 -0.080622  30 6 0 1.353301 -2.415154 -0.859361  31 7 0 0.710180 -3.501091 -1.003214  32 6 0 1.464223 -4.735252 -1.084362  33 1 0 1.258237 2.229337 -0.439826  34 1 0 -1.262043 -1.987124 -0.824997  35 1 0 -2.955230 1.012813 -2.616178  36 1 0 -5.421087 0.961397 -2.829253  37 1 0 -6.807653 0.028195 -1.007336  38 1 0 -2.045265 -0.854169 1.721117  39 1 0 -3.444794 -1.748705 3.526367  40 1 0 -5.918843 -1.832032 3.279956  41 1 0 -6.982167 -0.991815 1.217147  42 1 0 6.801538 0.277781 -1.026055  43 1 0 5.398504 0.064741 -3.050071  44 1 0 2.930774 -0.027517 -2.851915  45 1 0 2.051307 0.256234 1.862017  46 1 0 3.464000 0.452827 3.860416  47 1 0 5.939719 0.561268 3.646829  48 1 0 6.992528 0.460027 1.417165  49 1 0 -2.438310 2.617167 -0.150206  50 1 0 -2.538002 4.813044 0.060455  51 1 0 2.449062 -2.398760 -0.801326  52 1 0 2.553132 -4.596108 -1.006978  53 1 0 -1.055758 5.479372 0.801329  54 1 0 -1.304944 5.645578 -0.928723  55 1 0 1.135122 -5.410386 -0.288015  56 1 0 1.236087 -5.233738 -2.031902 |
| TM\_NP\_model\_scan\_p\_70\_p\_90 | 1 6 0 1.404274 0.288766 -0.618479  2 6 0 0.672939 1.437300 -0.331650  3 6 0 -0.727493 1.441138 -0.297070  4 6 0 -1.425796 0.244004 -0.570565  5 6 0 -0.691737 -0.909449 -0.840804  6 6 0 0.707277 -0.914127 -0.868407  7 6 0 -2.919364 0.188407 -0.649246  8 6 0 -3.561497 0.791209 -1.712859  9 6 0 -4.964522 0.731806 -1.858129  10 6 0 -5.726802 0.067371 -0.931311  11 6 0 -5.118890 -0.560216 0.185890  12 6 0 -3.694699 -0.500296 0.339031  13 6 0 -3.114402 -1.114196 1.481974  14 6 0 -3.892236 -1.762691 2.410715  15 6 0 -5.294251 -1.832633 2.249461  16 6 0 -5.890269 -1.242374 1.162866  17 6 0 2.899225 0.376128 -0.683692  18 6 0 3.705069 0.152001 0.477874  19 6 0 5.129651 0.262763 0.367303  20 6 0 5.706067 0.594414 -0.885739  21 6 0 4.912456 0.807794 -1.983923  22 6 0 3.507835 0.696936 -1.879380  23 6 0 3.149316 -0.181371 1.742364  24 6 0 3.954052 -0.394537 2.835688  25 6 0 5.358536 -0.285119 2.724337  26 6 0 5.929470 0.036513 1.517797  27 6 0 -1.440237 2.685990 0.056615  28 7 0 -0.836913 3.795093 0.197392  29 6 0 -1.620195 4.954698 0.571819  30 6 0 1.429310 -2.168732 -1.162386  31 7 0 0.823677 -3.259744 -1.399548  32 6 0 1.621526 -4.438039 -1.670460  33 1 0 1.183661 2.369660 -0.124311  34 1 0 -1.201469 -1.840319 -1.057478  35 1 0 -2.970897 1.307444 -2.461555  36 1 0 -5.432189 1.209874 -2.711457  37 1 0 -6.805096 0.013731 -1.038766  38 1 0 -2.041362 -1.064989 1.616168  39 1 0 -3.428393 -2.223907 3.275403  40 1 0 -5.896070 -2.350064 2.988080  41 1 0 -6.966970 -1.286081 1.035433  42 1 0 6.785362 0.677264 -0.959502  43 1 0 5.356521 1.063260 -2.939413  44 1 0 2.892955 0.868962 -2.755728  45 1 0 2.073605 -0.262625 1.836927  46 1 0 3.510232 -0.646866 3.792201  47 1 0 5.982148 -0.454955 3.594826  48 1 0 7.007236 0.122900 1.425899  49 1 0 -2.524082 2.598316 0.203643  50 1 0 -2.693437 4.744710 0.694917  51 1 0 2.525097 -2.106971 -1.162094  52 1 0 2.706289 -4.255024 -1.644033  53 1 0 -1.229418 5.364944 1.508521  54 1 0 -1.495220 5.733356 -0.187396  55 1 0 1.374665 -5.214394 -0.939263  56 1 0 1.351804 -4.836433 -2.653725 |
| TM\_NP\_model\_scan\_p\_70\_p\_100 | 1 6 0 1.396584 0.443329 -0.569546  2 6 0 0.631082 1.540051 -0.185343  3 6 0 -0.769208 1.502149 -0.160864  4 6 0 -1.432067 0.315950 -0.545971  5 6 0 -0.664234 -0.785217 -0.921398  6 6 0 0.734075 -0.747838 -0.942359  7 6 0 -2.923346 0.223703 -0.632245  8 6 0 -3.585264 0.903270 -1.635696  9 6 0 -4.986425 0.817261 -1.785719  10 6 0 -5.726903 0.048710 -0.924014  11 6 0 -5.098381 -0.661783 0.130332  12 6 0 -3.675934 -0.576195 0.287662  13 6 0 -3.075312 -1.277153 1.368440  14 6 0 -3.831946 -2.030037 2.233726  15 6 0 -5.232060 -2.123342 2.067925  16 6 0 -5.847520 -1.452210 1.040739  17 6 0 2.888819 0.574482 -0.595325  18 6 0 3.696430 0.073430 0.475825  19 6 0 5.118849 0.233823 0.407545  20 6 0 5.691953 0.889044 -0.712615  21 6 0 4.896781 1.369285 -1.721625  22 6 0 3.494224 1.210474 -1.659446  23 6 0 3.143936 -0.573620 1.613811  24 6 0 3.949995 -1.044431 2.622318  25 6 0 5.352847 -0.891805 2.549236  26 6 0 5.920346 -0.265488 1.467218  27 6 0 -1.517992 2.688888 0.301425  28 7 0 -0.946879 3.797328 0.544621  29 6 0 -1.763245 4.895225 1.020579  30 6 0 1.490512 -1.941234 -1.373678  31 7 0 0.917739 -3.034528 -1.673541  32 6 0 1.746532 -4.146924 -2.090765  33 1 0 1.114500 2.460988 0.116510  34 1 0 -1.146765 -1.704181 -1.231203  35 1 0 -3.011608 1.503018 -2.333592  36 1 0 -5.470001 1.358548 -2.591073  37 1 0 -6.803576 -0.025302 -1.035587  38 1 0 -2.003545 -1.211650 1.505676  39 1 0 -3.352692 -2.556447 3.051515  40 1 0 -5.817079 -2.722930 2.756209  41 1 0 -6.923028 -1.513867 0.910582  42 1 0 6.769784 1.005715 -0.755416  43 1 0 5.338008 1.872337 -2.574659  44 1 0 2.878392 1.592088 -2.466114  45 1 0 2.069317 -0.687958 1.682290  46 1 0 3.508113 -1.533809 3.483015  47 1 0 5.977650 -1.267583 3.351666  48 1 0 6.996610 -0.140897 1.406951  49 1 0 -2.599033 2.557276 0.435485  50 1 0 -2.830435 4.645132 1.119026  51 1 0 2.581234 -1.830700 -1.423669  52 1 0 2.822728 -3.917937 -2.104402  53 1 0 -1.385978 5.227718 1.992949  54 1 0 -1.658593 5.743920 0.337133  55 1 0 1.572475 -4.995179 -1.421108  56 1 0 1.438733 -4.468697 -3.090775 |
| TM\_NP\_model\_scan\_p\_70\_p\_110 | 1 6 0 1.389658 0.533137 -0.532439  2 6 0 0.601547 1.601067 -0.112395  3 6 0 -0.797786 1.538284 -0.096612  4 6 0 -1.438089 0.356229 -0.528932  5 6 0 -0.648751 -0.715277 -0.944398  6 6 0 0.748521 -0.653354 -0.956958  7 6 0 -2.927138 0.238484 -0.619933  8 6 0 -3.603210 0.943979 -1.595677  9 6 0 -5.002254 0.834362 -1.750521  10 6 0 -5.726129 0.014147 -0.922967  11 6 0 -5.082602 -0.726409 0.101151  12 6 0 -3.662580 -0.615823 0.264322  13 6 0 -3.047208 -1.348819 1.315067  14 6 0 -3.787100 -2.156184 2.144994  15 6 0 -5.184549 -2.274145 1.972630  16 6 0 -5.814347 -1.572592 0.974897  17 6 0 2.878161 0.689107 -0.517890  18 6 0 3.693061 0.017533 0.451343  19 6 0 5.111687 0.220698 0.425861  20 6 0 5.674171 1.088953 -0.544820  21 6 0 4.871598 1.739170 -1.446868  22 6 0 3.473602 1.539540 -1.427678  23 6 0 3.152730 -0.830480 1.455629  24 6 0 3.966452 -1.456026 2.369473  25 6 0 5.366107 -1.266765 2.331703  26 6 0 5.921731 -0.445147 1.382514  27 6 0 -1.568673 2.692248 0.410328  28 7 0 -1.017912 3.800060 0.699096  29 6 0 -1.854391 4.862765 1.218057  30 6 0 1.523665 -1.807153 -1.458373  31 7 0 0.973105 -2.908359 -1.770297  32 6 0 1.815716 -3.975081 -2.270853  33 1 0 1.067213 2.515473 0.233737  34 1 0 -1.113657 -1.628219 -1.296038  35 1 0 -3.042578 1.584070 -2.267882  36 1 0 -5.497153 1.398359 -2.533089  37 1 0 -6.800836 -0.078790 -1.039160  38 1 0 -1.977479 -1.264535 1.457597  39 1 0 -3.296569 -2.706861 2.939779  40 1 0 -5.756226 -2.916761 2.632719  41 1 0 -6.888052 -1.653011 0.840166  42 1 0 6.749308 1.234179 -0.556254  43 1 0 5.303724 2.408064 -2.182548  44 1 0 2.852445 2.054248 -2.152027  45 1 0 2.080704 -0.975108 1.500845  46 1 0 3.532292 -2.096320 3.129152  47 1 0 5.997042 -1.766988 3.057750  48 1 0 6.994901 -0.287428 1.352634  49 1 0 -2.647365 2.536037 0.536721  50 1 0 -2.917500 4.590772 1.301519  51 1 0 2.606338 -1.657400 -1.555703  52 1 0 2.882341 -3.710234 -2.324877  53 1 0 -1.486060 5.159370 2.205363  54 1 0 -1.761853 5.741680 0.572114  55 1 0 1.700181 -4.854847 -1.629881  56 1 0 1.470875 -4.266342 -3.268163 |
| TM\_NP\_model\_scan\_p\_70\_p\_120 | 1 6 0 1.383860 0.599751 -0.512350  2 6 0 0.573181 1.648762 -0.084301  3 6 0 -0.824697 1.564677 -0.079939  4 6 0 -1.443544 0.376305 -0.525202  5 6 0 -0.633822 -0.674309 -0.954824  6 6 0 0.761993 -0.588861 -0.962547  7 6 0 -2.929988 0.230058 -0.615040  8 6 0 -3.623715 0.932849 -1.580245  9 6 0 -5.020828 0.796331 -1.731618  10 6 0 -5.724919 -0.047905 -0.911151  11 6 0 -5.062883 -0.786583 0.102470  12 6 0 -3.644903 -0.648726 0.262182  13 6 0 -3.011047 -1.380045 1.303089  14 6 0 -3.731320 -2.211580 2.126378  15 6 0 -5.126582 -2.356610 1.957011  16 6 0 -5.774095 -1.657255 0.969116  17 6 0 2.867459 0.773455 -0.447491  18 6 0 3.687455 -0.019333 0.423887  19 6 0 5.100963 0.219090 0.452812  20 6 0 5.653088 1.246735 -0.353896  21 6 0 4.844354 2.019710 -1.146942  22 6 0 3.453326 1.783777 -1.185617  23 6 0 3.159118 -1.014137 1.290777  24 6 0 3.978559 -1.751990 2.110916  25 6 0 5.374470 -1.535247 2.114052  26 6 0 5.918179 -0.568078 1.306125  27 6 0 -1.616341 2.701432 0.434180  28 7 0 -1.085527 3.817018 0.730274  29 6 0 -1.941503 4.861822 1.253980  30 6 0 1.551381 -1.712356 -1.510417  31 7 0 1.022495 -2.827036 -1.811474  32 6 0 1.873756 -3.857415 -2.370371  33 1 0 1.020828 2.563005 0.284973  34 1 0 -1.081806 -1.588452 -1.324719  35 1 0 -3.078723 1.591845 -2.247023  36 1 0 -5.529926 1.358847 -2.506100  37 1 0 -6.797884 -0.161576 -1.024989  38 1 0 -1.942973 -1.274652 1.443840  39 1 0 -3.226890 -2.760333 2.913761  40 1 0 -5.682621 -3.018087 2.611810  41 1 0 -6.846366 -1.758346 0.836940  42 1 0 6.724223 1.416577 -0.323842  43 1 0 5.266838 2.812688 -1.753577  44 1 0 2.829325 2.394065 -1.828679  45 1 0 2.090309 -1.182926 1.309663  46 1 0 3.550418 -2.502534 2.765812  47 1 0 6.010768 -2.126568 2.762802  48 1 0 6.987523 -0.383832 1.312957  49 1 0 -2.692312 2.525715 0.557842  50 1 0 -2.999758 4.570596 1.333876  51 1 0 2.622469 -1.525749 -1.658050  52 1 0 2.927805 -3.557476 -2.468668  53 1 0 -1.580183 5.159172 2.243631  54 1 0 -1.863434 5.745917 0.613200  55 1 0 1.816050 -4.751308 -1.741272  56 1 0 1.491819 -4.142405 -3.355927 |
| TM\_NP\_model\_scan\_p\_70\_p\_130 | 1 6 0 1.380258 0.632729 -0.504910  2 6 0 0.552016 1.674154 -0.087112  3 6 0 -0.844135 1.575237 -0.088020  4 6 0 -1.448370 0.374408 -0.519017  5 6 0 -0.624242 -0.670508 -0.934380  6 6 0 0.770415 -0.568325 -0.942212  7 6 0 -2.932565 0.210104 -0.612056  8 6 0 -3.630022 0.892066 -1.589478  9 6 0 -5.024805 0.737614 -1.744888  10 6 0 -5.722714 -0.103804 -0.916298  11 6 0 -5.056670 -0.821589 0.109678  12 6 0 -3.641042 -0.665475 0.273496  13 6 0 -3.003204 -1.375787 1.326411  14 6 0 -3.717445 -2.204863 2.157414  15 6 0 -5.110227 -2.368098 1.984155  16 6 0 -5.761539 -1.689066 0.984631  17 6 0 2.858706 0.821304 -0.400763  18 6 0 3.695253 -0.041324 0.388432  19 6 0 5.101809 0.232229 0.457862  20 6 0 5.629940 1.366423 -0.209246  21 6 0 4.802170 2.215472 -0.897726  22 6 0 3.420735 1.944630 -0.980428  23 6 0 3.193129 -1.131274 1.151189  24 6 0 4.030183 -1.929701 1.893156  25 6 0 5.420888 -1.684659 1.919665  26 6 0 5.939119 -0.623052 1.221642  27 6 0 -1.649774 2.709203 0.410673  28 7 0 -1.132319 3.834275 0.694283  29 6 0 -2.001284 4.875925 1.202863  30 6 0 1.565208 -1.677071 -1.514093  31 7 0 1.054067 -2.808784 -1.779668  32 6 0 1.905257 -3.818312 -2.375775  33 1 0 0.985347 2.594325 0.283989  34 1 0 -1.060051 -1.592773 -1.298506  35 1 0 -3.089604 1.548413 -2.262560  36 1 0 -5.536915 1.283988 -2.528886  37 1 0 -6.793808 -0.231283 -1.033132  38 1 0 -1.937043 -1.255896 1.470289  39 1 0 -3.210160 -2.737443 2.954005  40 1 0 -5.661471 -3.027386 2.645181  41 1 0 -6.832008 -1.804198 0.849357  42 1 0 6.695969 1.558885 -0.149836  43 1 0 5.202679 3.094635 -1.389582  44 1 0 2.785025 2.614542 -1.548122  45 1 0 2.129329 -1.326887 1.158046  46 1 0 3.618508 -2.750232 2.470039  47 1 0 6.071522 -2.326184 2.503194  48 1 0 7.002859 -0.411170 1.253033  49 1 0 -2.724019 2.522922 0.533697  50 1 0 -3.056428 4.573900 1.283391  51 1 0 2.621601 -1.461808 -1.717909  52 1 0 2.944604 -3.489989 -2.525861  53 1 0 -1.646201 5.189459 2.189762  54 1 0 -1.931279 5.752851 0.551394  55 1 0 1.902834 -4.710514 -1.741694  56 1 0 1.484185 -4.118132 -3.340781 |
| TM\_NP\_model\_scan\_p\_70\_p\_140 | 1 6 0 -1.379617 0.667045 0.536271  2 6 0 -0.536166 1.704024 0.132321  3 6 0 0.858271 1.591431 0.129991  4 6 0 1.451561 0.375700 0.533142  5 6 0 0.616176 -0.665530 0.933893  6 6 0 -0.777004 -0.547724 0.949348  7 6 0 2.933828 0.189733 0.610930  8 6 0 3.649340 0.843167 1.594779  9 6 0 5.042874 0.665156 1.735435  10 6 0 5.721213 -0.171263 0.885771  11 6 0 5.036171 -0.860085 -0.147543  12 6 0 3.621827 -0.679674 -0.296729  13 6 0 2.964797 -1.360320 -1.357379  14 6 0 3.659544 -2.184648 -2.209367  15 6 0 5.050933 -2.372449 -2.050417  16 6 0 5.720579 -1.721931 -1.044063  17 6 0 -2.852843 0.858485 0.377856  18 6 0 -3.687064 -0.057254 -0.357603  19 6 0 -5.086735 0.233560 -0.487971  20 6 0 -5.607269 1.440928 0.041021  21 6 0 -4.775533 2.347594 0.645982  22 6 0 -3.404781 2.058267 0.795496  23 6 0 -3.190927 -1.209463 -1.028399  24 6 0 -4.027157 -2.053758 -1.718778  25 6 0 -5.414308 -1.798062 -1.784325  26 6 0 -5.925714 -0.673598 -1.188029  27 6 0 1.673637 2.725336 -0.353150  28 7 0 1.166926 3.860236 -0.616092  29 6 0 2.044986 4.900768 -1.111168  30 6 0 -1.573212 -1.644372 1.544490  31 7 0 -1.078125 -2.788802 1.783634  32 6 0 -1.926474 -3.779628 2.414531  33 1 0 -0.955802 2.631527 -0.235380  34 1 0 1.041869 -1.598075 1.283472  35 1 0 3.124275 1.494803 2.284375  36 1 0 5.569620 1.189155 2.524984  37 1 0 6.791155 -0.316957 0.991387  38 1 0 1.899601 -1.220930 -1.490487  39 1 0 3.137806 -2.694271 -3.011613  40 1 0 5.586709 -3.027864 -2.727808  41 1 0 6.790193 -1.855879 -0.919763  42 1 0 -6.667698 1.644273 -0.064054  43 1 0 -5.165557 3.286306 1.022650  44 1 0 -2.772688 2.774234 1.307916  45 1 0 -2.130420 -1.417823 -1.012804  46 1 0 -3.615698 -2.919067 -2.226211  47 1 0 -6.065257 -2.477772 -2.322454  48 1 0 -6.984569 -0.447091 -1.258216  49 1 0 2.745367 2.529955 -0.483544  50 1 0 3.096643 4.589083 -1.200015  51 1 0 -2.614295 -1.404905 1.795292  52 1 0 -2.949105 -3.425666 2.613237  53 1 0 1.690061 5.233415 -2.091854  54 1 0 1.986261 5.767954 -0.445712  55 1 0 -1.976140 -4.668439 1.777648  56 1 0 -1.469551 -4.094625 3.358140 |
| TM\_NP\_model\_scan\_p\_70\_p\_150 | 1 6 0 -1.379648 0.691806 0.568678  2 6 0 -0.519013 1.725015 0.184957  3 6 0 0.873584 1.599361 0.180564  4 6 0 1.455555 0.366839 0.546339  5 6 0 0.608132 -0.672440 0.924780  6 6 0 -0.783253 -0.538477 0.949603  7 6 0 2.935432 0.159755 0.609831  8 6 0 3.666432 0.776118 1.606115  9 6 0 5.058280 0.575086 1.731809  10 6 0 5.719318 -0.246131 0.854077  11 6 0 5.018125 -0.895690 -0.193719  12 6 0 3.605423 -0.692179 -0.327459  13 6 0 2.931972 -1.332017 -1.403041  14 6 0 3.609682 -2.139700 -2.284189  15 6 0 4.999387 -2.350957 -2.140601  16 6 0 5.684599 -1.739884 -1.120105  17 6 0 -2.846514 0.890805 0.355980  18 6 0 -3.685954 -0.064268 -0.328463  19 6 0 -5.076344 0.245044 -0.516299  20 6 0 -5.577754 1.510229 -0.123257  21 6 0 -4.732251 2.455988 0.396252  22 6 0 -3.375993 2.146976 0.611778  23 6 0 -3.205513 -1.268876 -0.914302  24 6 0 -4.047886 -2.146941 -1.553279  25 6 0 -5.430083 -1.877467 -1.651233  26 6 0 -5.925028 -0.700022 -1.152331  27 6 0 1.698733 2.737516 -0.275705  28 7 0 1.202720 3.883943 -0.507045  29 6 0 2.089897 4.928668 -0.976468  30 6 0 -1.578749 -1.624843 1.567157  31 7 0 -1.098311 -2.779393 1.785377  32 6 0 -1.941002 -3.753666 2.448975  33 1 0 -0.921988 2.662596 -0.174096  34 1 0 1.022741 -1.617231 1.254184  35 1 0 3.155045 1.415242 2.317358  36 1 0 5.597562 1.069237 2.532063  37 1 0 6.787821 -0.409317 0.948070  38 1 0 1.867991 -1.173779 -1.524384  39 1 0 3.075743 -2.617735 -3.097757  40 1 0 5.521685 -2.992974 -2.840951  41 1 0 6.753105 -1.891850 -1.007504  42 1 0 -6.630437 1.726123 -0.271712  43 1 0 -5.101212 3.441102 0.657998  44 1 0 -2.743210 2.897448 1.070475  45 1 0 -2.149438 -1.492849 -0.882079  46 1 0 -3.642945 -3.049537 -1.996971  47 1 0 -6.087463 -2.585273 -2.143304  48 1 0 -6.977272 -0.456999 -1.257666  49 1 0 2.768060 2.534971 -0.414439  50 1 0 3.138060 4.608855 -1.076712  51 1 0 -2.603946 -1.364047 1.859272  52 1 0 -2.944840 -3.376654 2.695406  53 1 0 1.735850 5.291396 -1.946739  54 1 0 2.041825 5.777956 -0.287491  55 1 0 -2.041017 -4.637161 1.810553  56 1 0 -1.449962 -4.085256 3.369430 |
| TM\_NP\_model\_scan\_p\_70\_p\_160 | 1 6 0 -1.380449 0.710401 0.594532  2 6 0 -0.499860 1.739870 0.238763  3 6 0 0.890612 1.600700 0.233009  4 6 0 1.460404 0.350667 0.554279  5 6 0 0.599451 -0.687311 0.901835  6 6 0 -0.790027 -0.536748 0.935828  7 6 0 2.937458 0.123685 0.607398  8 6 0 3.678152 0.695985 1.622598  9 6 0 5.067656 0.473273 1.737600  10 6 0 5.716584 -0.324510 0.829700  11 6 0 5.005246 -0.927572 -0.238838  12 6 0 3.594866 -0.702439 -0.361347  13 6 0 2.911026 -1.294734 -1.457335  14 6 0 3.576929 -2.077704 -2.369278  15 6 0 4.964317 -2.310651 -2.237271  16 6 0 5.659262 -1.745671 -1.196979  17 6 0 -2.839998 0.922770 0.329189  18 6 0 -3.693771 -0.061889 -0.302023  19 6 0 -5.074997 0.264057 -0.533870  20 6 0 -5.547670 1.572359 -0.270169  21 6 0 -4.678107 2.542115 0.155720  22 6 0 -3.336713 2.216038 0.425836  23 6 0 -3.238143 -1.309645 -0.813298  24 6 0 -4.095253 -2.212701 -1.395706  25 6 0 -5.472749 -1.928906 -1.510235  26 6 0 -5.942629 -0.708152 -1.099982  27 6 0 1.726369 2.745341 -0.186888  28 7 0 1.241435 3.903566 -0.379655  29 6 0 2.138350 4.954928 -0.814552  30 6 0 -1.582225 -1.616164 1.573348  31 7 0 -1.114431 -2.779315 1.770962  32 6 0 -1.947807 -3.740571 2.464577  33 1 0 -0.881602 2.691167 -0.104451  34 1 0 1.001011 -1.645897 1.206605  35 1 0 3.176387 1.316055 2.357186  36 1 0 5.614704 0.932107 2.553453  37 1 0 6.783163 -0.504118 0.915166  38 1 0 1.848716 -1.119314 -1.569605  39 1 0 3.035442 -2.519221 -3.198329  40 1 0 5.477260 -2.932760 -2.962073  41 1 0 6.726094 -1.914559 -1.092926  42 1 0 -6.592722 1.799897 -0.451206  43 1 0 -5.017041 3.560712 0.306015  44 1 0 -2.698672 2.993849 0.826648  45 1 0 -2.186427 -1.548707 -0.777915  46 1 0 -3.703255 -3.145876 -1.784360  47 1 0 -6.143491 -2.656950 -1.952138  48 1 0 -6.988126 -0.448750 -1.230142  49 1 0 2.793577 2.537166 -0.333193  50 1 0 3.183093 4.628267 -0.927334  51 1 0 -2.590586 -1.337548 1.905361  52 1 0 -2.931665 -3.344589 2.757526  53 1 0 1.786802 5.354427 -1.771189  54 1 0 2.099721 5.780373 -0.096609  55 1 0 -2.094862 -4.616959 1.825352  56 1 0 -1.424254 -4.089440 3.360355 |
| TM\_NP\_model\_scan\_p\_80\_m\_0 | 1 6 0 -1.429756 0.452695 -0.365405  2 6 0 -0.843756 -0.814382 -0.198963  3 6 0 0.523541 -1.079215 -0.326866  4 6 0 1.412819 -0.013139 -0.548877  5 6 0 0.871482 1.265884 -0.648059  6 6 0 -0.498714 1.521615 -0.557011  7 6 0 2.887813 -0.205751 -0.710946  8 6 0 3.390592 -0.621637 -1.926913  9 6 0 4.778552 -0.784983 -2.132108  10 6 0 5.661976 -0.530362 -1.114060  11 6 0 5.196349 -0.103070 0.155877  12 6 0 3.788904 0.064832 0.368409  13 6 0 3.344214 0.482035 1.651993  14 6 0 4.238936 0.727421 2.665565  15 6 0 5.626682 0.567801 2.451898  16 6 0 6.091088 0.161319 1.225523  17 6 0 -2.815817 0.642953 0.175490  18 6 0 -3.836659 -0.390501 0.082515  19 6 0 -5.117951 -0.157625 0.690430  20 6 0 -5.432548 1.121332 1.213251  21 6 0 -4.532834 2.144962 1.095278  22 6 0 -3.254169 1.905457 0.553521  23 6 0 -3.700085 -1.601897 -0.653327  24 6 0 -4.689118 -2.557750 -0.675111  25 6 0 -5.890939 -2.369478 0.036656  26 6 0 -6.101420 -1.181604 0.688393  27 6 0 1.012435 -2.462290 -0.150035  28 7 0 0.223039 -3.451884 -0.045721  29 6 0 0.798711 -4.767161 0.148293  30 6 0 -0.919489 2.894995 -0.931193  31 7 0 -0.185144 3.912574 -0.737267  32 6 0 -0.647410 5.191674 -1.238612  33 1 0 -1.441148 -1.654755 0.115732  34 1 0 1.519814 2.112834 -0.834673  35 1 0 2.704289 -0.820198 -2.742663  36 1 0 5.138820 -1.109232 -3.101903  37 1 0 6.729387 -0.651799 -1.265982  38 1 0 2.282761 0.607665 1.824964  39 1 0 3.879217 1.046054 3.637422  40 1 0 6.321762 0.766441 3.259919  41 1 0 7.155261 0.034701 1.055341  42 1 0 -6.405584 1.280162 1.665626  43 1 0 -4.779752 3.141788 1.442369  44 1 0 -2.548082 2.720727 0.603555  45 1 0 -2.817273 -1.772553 -1.249430  46 1 0 -4.543148 -3.459614 -1.258759  47 1 0 -6.653500 -3.139951 0.033754  48 1 0 -7.043845 -0.987820 1.190014  49 1 0 2.102069 -2.587759 -0.109879  50 1 0 1.898742 -4.770251 0.174163  51 1 0 -1.885040 2.975200 -1.449913  52 1 0 -1.628020 5.145214 -1.736851  53 1 0 0.420940 -5.189326 1.084931  54 1 0 0.459940 -5.430143 -0.654130  55 1 0 -0.702210 5.905606 -0.410786  56 1 0 0.088751 5.587407 -1.945538 |
| TM\_NP\_model\_scan\_p\_80\_m\_10 | 1 6 0 -1.421038 0.412386 -0.281362  2 6 0 -0.830619 -0.848395 -0.100467  3 6 0 0.536675 -1.100813 -0.248565  4 6 0 1.407887 -0.030505 -0.525628  5 6 0 0.853835 1.240113 -0.656648  6 6 0 -0.516892 1.485490 -0.538936  7 6 0 2.880742 -0.215202 -0.717564  8 6 0 3.358260 -0.664689 -1.931667  9 6 0 4.742373 -0.823587 -2.164770  10 6 0 5.647383 -0.531500 -1.176231  11 6 0 5.208166 -0.069766 0.091077  12 6 0 3.804771 0.094064 0.331623  13 6 0 3.386918 0.545678 1.612552  14 6 0 4.303053 0.827167 2.597237  15 6 0 5.686636 0.671494 2.355712  16 6 0 6.125502 0.232668 1.131055  17 6 0 -2.808187 0.609966 0.243785  18 6 0 -3.849153 -0.386460 0.074232  19 6 0 -5.141194 -0.147556 0.654505  20 6 0 -5.424433 1.102188 1.259996  21 6 0 -4.480837 2.093800 1.258487  22 6 0 -3.197143 1.849943 0.730965  23 6 0 -3.707369 -1.569815 -0.703790  24 6 0 -4.719837 -2.494469 -0.809529  25 6 0 -5.948169 -2.298068 -0.145456  26 6 0 -6.153304 -1.138427 0.557273  27 6 0 1.046872 -2.472402 -0.044085  28 7 0 0.272370 -3.467215 0.110053  29 6 0 0.868721 -4.769837 0.325492  30 6 0 -0.978845 2.841425 -0.922460  31 7 0 -0.236703 3.867593 -0.827418  32 6 0 -0.751995 5.129464 -1.320051  33 1 0 -1.424680 -1.685448 0.233821  34 1 0 1.489826 2.085373 -0.888382  35 1 0 2.654665 -0.893717 -2.724352  36 1 0 5.082344 -1.174546 -3.132602  37 1 0 6.711909 -0.649246 -1.349769  38 1 0 2.328807 0.668394 1.806741  39 1 0 3.963582 1.171400 3.567664  40 1 0 6.398784 0.898729 3.141018  41 1 0 7.186392 0.108902 0.939609  42 1 0 -6.405865 1.266187 1.692047  43 1 0 -4.700888 3.066258 1.684004  44 1 0 -2.456693 2.627837 0.853062  45 1 0 -2.796370 -1.741268 -1.256840  46 1 0 -4.572448 -3.378139 -1.420059  47 1 0 -6.731974 -3.043379 -0.218788  48 1 0 -7.109294 -0.944238 1.032394  49 1 0 2.138554 -2.584541 -0.028915  50 1 0 1.969025 -4.759682 0.323206  51 1 0 -1.989697 2.901581 -1.348431  52 1 0 -1.773829 5.064754 -1.724303  53 1 0 0.519829 -5.170194 1.282674  54 1 0 0.517808 -5.458607 -0.449542  55 1 0 -0.735607 5.866571 -0.511040  56 1 0 -0.086526 5.508253 -2.102352 |
| TM\_NP\_model\_scan\_p\_80\_m\_20 | 1 6 0 -1.412000 0.372753 -0.193130  2 6 0 -0.817511 -0.881376 0.003382  3 6 0 0.549240 -1.123342 -0.164243  4 6 0 1.401847 -0.052384 -0.498510  5 6 0 0.835383 1.209112 -0.659697  6 6 0 -0.534925 1.446409 -0.514444  7 6 0 2.871213 -0.231153 -0.723063  8 6 0 3.320379 -0.715728 -1.934549  9 6 0 4.699107 -0.869259 -2.200361  10 6 0 5.627680 -0.535662 -1.247403  11 6 0 5.218242 -0.036485 0.015604  12 6 0 3.820237 0.121122 0.289469  13 6 0 3.432853 0.611240 1.565858  14 6 0 4.372507 0.934805 2.514783  15 6 0 5.750587 0.785143 2.240153  16 6 0 6.160426 0.310006 1.019026  17 6 0 -2.804433 0.577154 0.307576  18 6 0 -3.860263 -0.380526 0.061850  19 6 0 -5.162836 -0.135992 0.613704  20 6 0 -5.421919 1.077454 1.299197  21 6 0 -4.443296 2.029352 1.409020  22 6 0 -3.153609 1.782753 0.897097  23 6 0 -3.710829 -1.532991 -0.758766  24 6 0 -4.742608 -2.421314 -0.950588  25 6 0 -5.994931 -2.214929 -0.334786  26 6 0 -6.198193 -1.087866 0.420050  27 6 0 1.080190 -2.482135 0.070657  28 7 0 0.321349 -3.478966 0.279833  29 6 0 0.937909 -4.767711 0.520338  30 6 0 -1.032270 2.787705 -0.900366  31 7 0 -0.288414 3.817174 -0.892864  32 6 0 -0.847678 5.065822 -1.370639  33 1 0 -1.408274 -1.714423 0.356888  34 1 0 1.458871 2.050606 -0.935160  35 1 0 2.597944 -0.976999 -2.699817  36 1 0 5.016253 -1.248790 -3.165159  37 1 0 6.688264 -0.648463 -1.446468  38 1 0 2.379148 0.729849 1.785029  39 1 0 4.056123 1.307997 3.482312  40 1 0 6.481488 1.045879 2.997314  41 1 0 7.216955 0.190772 0.802253  42 1 0 -6.411200 1.246083 1.711190  43 1 0 -4.643700 2.970890 1.907591  44 1 0 -2.386494 2.522672 1.083196  45 1 0 -2.774488 -1.707574 -1.268031  46 1 0 -4.592596 -3.284430 -1.589280  47 1 0 -6.796072 -2.930692 -0.480219  48 1 0 -7.167180 -0.892524 0.867580  49 1 0 2.173013 -2.582729 0.059124  50 1 0 2.037579 -4.746314 0.487556  51 1 0 -2.075388 2.835416 -1.240210  52 1 0 -1.899830 4.990017 -1.685024  53 1 0 0.619467 -5.140821 1.498908  54 1 0 0.573833 -5.484601 -0.222468  55 1 0 -0.765356 5.822431 -0.583921  56 1 0 -0.251915 5.426433 -2.215281 |
| TM\_NP\_model\_scan\_p\_80\_m\_30 | 1 6 0 -1.403465 0.338586 -0.099830  2 6 0 -0.803412 -0.908228 0.110125  3 6 0 0.562291 -1.140668 -0.079194  4 6 0 1.395000 -0.070980 -0.468069  5 6 0 0.815219 1.180856 -0.654689  6 6 0 -0.553744 1.410722 -0.481217  7 6 0 2.859584 -0.244421 -0.727495  8 6 0 3.279349 -0.760872 -1.936385  9 6 0 4.651438 -0.909570 -2.236974  10 6 0 5.603239 -0.538338 -1.321619  11 6 0 5.224587 -0.004931 -0.063002  12 6 0 3.833382 0.147063 0.246290  13 6 0 3.477481 0.672600 1.517759  14 6 0 4.440373 1.034635 2.428762  15 6 0 5.811543 0.890297 2.119007  16 6 0 6.191332 0.381761 0.901623  17 6 0 -2.804292 0.544316 0.371844  18 6 0 -3.867602 -0.374059 0.045453  19 6 0 -5.181103 -0.130386 0.569457  20 6 0 -5.427444 1.036399 1.335994  21 6 0 -4.424523 1.943611 1.557553  22 6 0 -3.127210 1.701300 1.062389  23 6 0 -3.705168 -1.489512 -0.821850  24 6 0 -4.748063 -2.340770 -1.100177  25 6 0 -6.021681 -2.129530 -0.529936  26 6 0 -6.230503 -1.041278 0.278772  27 6 0 1.113788 -2.486602 0.180743  28 7 0 0.371881 -3.483326 0.444155  29 6 0 1.008513 -4.758429 0.704004  30 6 0 -1.082363 2.739713 -0.864330  31 7 0 -0.340799 3.768159 -0.941351  32 6 0 -0.938179 5.006414 -1.399219  33 1 0 -1.389155 -1.738075 0.481890  34 1 0 1.425106 2.017958 -0.971057  35 1 0 2.538388 -1.051143 -2.672950  36 1 0 4.944857 -1.315005 -3.198734  37 1 0 6.658861 -0.646816 -1.547617  38 1 0 2.429233 0.787780 1.763413  39 1 0 4.147849 1.434466 3.393153  40 1 0 6.560998 1.181656 2.846278  41 1 0 7.242431 0.266526 0.657966  42 1 0 -6.424923 1.204665 1.727936  43 1 0 -4.614595 2.845720 2.127950  44 1 0 -2.342138 2.404210 1.311498  45 1 0 -2.746679 -1.664092 -1.289592  46 1 0 -4.591348 -3.178771 -1.769979  47 1 0 -6.832998 -2.814905 -0.747625  48 1 0 -7.211980 -0.848677 0.699450  49 1 0 2.206722 -2.577458 0.138893  50 1 0 2.106429 -4.727996 0.636765  51 1 0 -2.149456 2.781187 -1.118133  52 1 0 -2.012847 4.925260 -1.623022  53 1 0 0.723786 -5.104968 1.702548  54 1 0 0.629180 -5.500750 -0.005460  55 1 0 -0.790758 5.780496 -0.639465  56 1 0 -0.414736 5.346712 -2.298464 |
| TM\_NP\_model\_scan\_p\_80\_m\_40 | 1 6 0 -1.395155 0.312097 -0.011165  2 6 0 -0.787035 -0.926544 0.210295  3 6 0 0.576875 -1.149703 -0.003375  4 6 0 1.388472 -0.081804 -0.441904  5 6 0 0.793550 1.159161 -0.651493  6 6 0 -0.573726 1.380580 -0.451099  7 6 0 2.848030 -0.249315 -0.733156  8 6 0 3.243041 -0.794721 -1.937695  9 6 0 4.608737 -0.940578 -2.267483  10 6 0 5.579144 -0.538472 -1.385306  11 6 0 5.226327 0.024535 -0.132095  12 6 0 3.841710 0.174169 0.206466  13 6 0 3.512036 0.729537 1.472365  14 6 0 4.493380 1.121317 2.350778  15 6 0 5.857892 0.979038 2.012023  16 6 0 6.212629 0.442648 0.799039  17 6 0 -2.805650 0.513127 0.431972  18 6 0 -3.869266 -0.366886 0.025710  19 6 0 -5.191808 -0.136161 0.531354  20 6 0 -5.435384 0.973213 1.380007  21 6 0 -4.419817 1.834779 1.705325  22 6 0 -3.114885 1.606686 1.222680  23 6 0 -3.690611 -1.436367 -0.894297  24 6 0 -4.735976 -2.253726 -1.252489  25 6 0 -6.025565 -2.049690 -0.715105  26 6 0 -6.245225 -1.008482 0.151042  27 6 0 1.148795 -2.483477 0.274012  28 7 0 0.424568 -3.480221 0.582758  29 6 0 1.080856 -4.742987 0.853611  30 6 0 -1.131611 2.698637 -0.826727  31 7 0 -0.398596 3.724797 -0.980230  32 6 0 -1.030267 4.955532 -1.410956  33 1 0 -1.365400 -1.754047 0.600229  34 1 0 1.388308 1.992228 -1.005231  35 1 0 2.487215 -1.109738 -2.648553  36 1 0 4.882367 -1.368731 -3.225224  37 1 0 6.629906 -0.644963 -1.633775  38 1 0 2.469028 0.843556 1.739887  39 1 0 4.220733 1.543220 3.311583  40 1 0 6.622144 1.294024 2.713600  41 1 0 7.258519 0.328845 0.533292  42 1 0 -6.439884 1.132870 1.757419  43 1 0 -4.607628 2.689112 2.345776  44 1 0 -2.320189 2.274265 1.533810  45 1 0 -2.715147 -1.602793 -1.330301  46 1 0 -4.569724 -3.059582 -1.958482  47 1 0 -6.839702 -2.706905 -0.999120  48 1 0 -7.236581 -0.827400 0.553254  49 1 0 2.240942 -2.565215 0.203162  50 1 0 2.176143 -4.703964 0.754939  51 1 0 -2.214854 2.736280 -0.997478  52 1 0 -2.118255 4.870370 -1.554273  53 1 0 0.827382 -5.069348 1.867257  54 1 0 0.689342 -5.504874 0.172019  55 1 0 -0.829093 5.740371 -0.674872  56 1 0 -0.574341 5.283525 -2.350618 |
| TM\_NP\_model\_scan\_p\_80\_m\_50 | 1 6 0 -1.387563 0.285000 0.080828  2 6 0 -0.767020 -0.944703 0.307132  3 6 0 0.594467 -1.155974 0.065789  4 6 0 1.381466 -0.088014 -0.417526  5 6 0 0.768144 1.141334 -0.641444  6 6 0 -0.596524 1.351545 -0.409887  7 6 0 2.835263 -0.246653 -0.741668  8 6 0 3.206951 -0.815401 -1.942801  9 6 0 4.565894 -0.957258 -2.301233  10 6 0 5.553056 -0.528987 -1.450537  11 6 0 5.224571 0.057943 -0.201684  12 6 0 3.846920 0.204342 0.165409  13 6 0 3.541978 0.783512 1.426844  14 6 0 4.540007 1.200420 2.274349  15 6 0 5.897495 1.061114 1.907364  16 6 0 6.228589 0.502411 0.697759  17 6 0 -2.806143 0.470818 0.507571  18 6 0 -3.866029 -0.358205 0.005346  19 6 0 -5.197325 -0.156704 0.499414  20 6 0 -5.444631 0.868667 1.447244  21 6 0 -4.424134 1.674229 1.883505  22 6 0 -3.111182 1.475430 1.408123  23 6 0 -3.668540 -1.352773 -0.991117  24 6 0 -4.711587 -2.123981 -1.444884  25 6 0 -6.014880 -1.944096 -0.931242  26 6 0 -6.248918 -0.978160 0.015039  27 6 0 1.189544 -2.476853 0.355535  28 7 0 0.486640 -3.473021 0.711825  29 6 0 1.165016 -4.722413 0.989920  30 6 0 -1.185209 2.659075 -0.771231  31 7 0 -0.468365 3.679706 -1.013081  32 6 0 -1.135557 4.903482 -1.408174  33 1 0 -1.333656 -1.772795 0.714048  34 1 0 1.344575 1.972644 -1.028283  35 1 0 2.437683 -1.152101 -2.628891  36 1 0 4.820894 -1.403851 -3.255689  37 1 0 6.598658 -0.633026 -1.720847  38 1 0 2.504514 0.895466 1.715861  39 1 0 4.286067 1.640010 3.232354  40 1 0 6.675099 1.396019 2.584625  41 1 0 7.268986 0.390682 0.410448  42 1 0 -6.455648 1.008067 1.815303  43 1 0 -4.615654 2.461122 2.604255  44 1 0 -2.312409 2.100144 1.791197  45 1 0 -2.678680 -1.497639 -1.402936  46 1 0 -4.533753 -2.874444 -2.206890  47 1 0 -6.827956 -2.563162 -1.293324  48 1 0 -7.249364 -0.821249 0.404771  49 1 0 2.279602 -2.549220 0.250821  50 1 0 2.256022 -4.674828 0.854328  51 1 0 -2.279300 2.695404 -0.843266  52 1 0 -2.231867 4.817373 -1.453627  53 1 0 0.948333 -5.027407 2.018645  54 1 0 0.759541 -5.503943 0.339439  55 1 0 -0.870436 5.700556 -0.706246  56 1 0 -0.763886 5.214508 -2.389757 |
| TM\_NP\_model\_scan\_p\_80\_m\_60 | 1 6 0 -1.380515 0.246329 0.179930  2 6 0 -0.741573 -0.973135 0.401659  3 6 0 0.617066 -1.167110 0.129176  4 6 0 1.374509 -0.094203 -0.390267  5 6 0 0.738554 1.123566 -0.614493  6 6 0 -0.622458 1.317119 -0.347619  7 6 0 2.821369 -0.236739 -0.751391  8 6 0 3.169407 -0.817291 -1.953927  9 6 0 4.520424 -0.946603 -2.345625  10 6 0 5.523543 -0.494681 -1.526407  11 6 0 5.219715 0.104720 -0.277232  12 6 0 3.850155 0.238668 0.123345  13 6 0 3.570324 0.829996 1.384964  14 6 0 4.584323 1.269892 2.201302  15 6 0 5.933630 1.142929 1.801164  16 6 0 6.240704 0.573049 0.590436  17 6 0 -2.806325 0.405408 0.599842  18 6 0 -3.859580 -0.348283 -0.015952  19 6 0 -5.200994 -0.185573 0.463725  20 6 0 -5.458521 0.721614 1.522863  21 6 0 -4.438152 1.447702 2.082364  22 6 0 -3.115645 1.289157 1.616098  23 6 0 -3.640116 -1.234386 -1.105494  24 6 0 -4.677832 -1.934537 -1.672211  25 6 0 -5.995037 -1.787452 -1.183183  26 6 0 -6.247261 -0.929890 -0.141667  27 6 0 1.239628 -2.474769 0.420769  28 7 0 0.563826 -3.471967 0.823717  29 6 0 1.268311 -4.707219 1.099738  30 6 0 -1.243557 2.615439 -0.684086  31 7 0 -0.553909 3.629606 -1.015525  32 6 0 -1.256315 4.847447 -1.364703  33 1 0 -1.291313 -1.806596 0.821394  34 1 0 1.292948 1.957988 -1.026177  35 1 0 2.387186 -1.173228 -2.615232  36 1 0 4.756563 -1.402908 -3.300342  37 1 0 6.563117 -0.589468 -1.822163  38 1 0 2.539258 0.932581 1.699239  39 1 0 4.349451 1.718250 3.160117  40 1 0 6.724008 1.496006 2.453965  41 1 0 7.274750 0.470476 0.277884  42 1 0 -6.476915 0.833114 1.879985  43 1 0 -4.637985 2.141544 2.891096  44 1 0 -2.317574 1.854735 2.083974  45 1 0 -2.636800 -1.352372 -1.493529  46 1 0 -4.485835 -2.603683 -2.503393  47 1 0 -6.804244 -2.348578 -1.636830  48 1 0 -7.257399 -0.803480 0.233941  49 1 0 2.325716 -2.536045 0.275721  50 1 0 2.352425 -4.649744 0.919780  51 1 0 -2.339463 2.652015 -0.649137  52 1 0 -2.351564 4.764052 -1.296084  53 1 0 1.096539 -4.993023 2.142387  54 1 0 0.847086 -5.506944 0.482234  55 1 0 -0.919602 5.657286 -0.709673  56 1 0 -0.986461 5.137577 -2.385213 |
| TM\_NP\_model\_scan\_p\_80\_m\_70 | 1 6 0 -1.372458 0.184790 0.264942  2 6 0 -0.709405 -1.023839 0.466752  3 6 0 0.646852 -1.191039 0.163430  4 6 0 1.371199 -0.102705 -0.371254  5 6 0 0.707864 1.103529 -0.578912  6 6 0 -0.649806 1.270208 -0.278819  7 6 0 2.812609 -0.215735 -0.763458  8 6 0 3.147358 -0.788421 -1.973444  9 6 0 4.492389 -0.890247 -2.392938  10 6 0 5.502942 -0.419170 -1.593874  11 6 0 5.212995 0.172575 -0.337766  12 6 0 3.849545 0.278498 0.091007  13 6 0 3.584030 0.861760 1.359469  14 6 0 4.605617 1.320112 2.155949  15 6 0 5.948674 1.220994 1.727910  16 6 0 6.242065 0.659643 0.509829  17 6 0 -2.802074 0.308063 0.691003  18 6 0 -3.855087 -0.331297 -0.039699  19 6 0 -5.201215 -0.216735 0.439766  20 6 0 -5.460231 0.529289 1.617945  21 6 0 -4.436475 1.142670 2.294185  22 6 0 -3.108849 1.030449 1.826969  23 6 0 -3.626315 -1.062449 -1.236798  24 6 0 -4.663634 -1.659015 -1.912223  25 6 0 -5.987687 -1.556337 -1.429586  26 6 0 -6.247069 -0.849560 -0.281694  27 6 0 1.300872 -2.487008 0.437375  28 7 0 0.655569 -3.494726 0.863598  29 6 0 1.389669 -4.717045 1.119043  30 6 0 -1.305294 2.560765 -0.575036  31 7 0 -0.653291 3.575690 -0.973323  32 6 0 -1.389730 4.788795 -1.263585  33 1 0 -1.237622 -1.870026 0.888909  34 1 0 1.237491 1.949719 -0.999182  35 1 0 2.358976 -1.159335 -2.619016  36 1 0 4.717975 -1.340902 -3.352876  37 1 0 6.537909 -0.493026 -1.910990  38 1 0 2.557800 0.943103 1.695109  39 1 0 4.381609 1.761616 3.120537  40 1 0 6.745115 1.588419 2.365242  41 1 0 7.271336 0.578118 0.176037  42 1 0 -6.482303 0.607257 1.973505  43 1 0 -4.637774 1.712208 3.194485  44 1 0 -2.308294 1.509072 2.380042  45 1 0 -2.615844 -1.145277 -1.616375  46 1 0 -4.466750 -2.212387 -2.823573  47 1 0 -6.796540 -2.034237 -1.970780  48 1 0 -7.262052 -0.761211 0.091722  49 1 0 2.382724 -2.529973 0.258139  50 1 0 2.466338 -4.641482 0.904349  51 1 0 -2.394186 2.591894 -0.443078  52 1 0 -2.473860 4.701235 -1.095900  53 1 0 1.256315 -5.003245 2.167204  54 1 0 0.962660 -5.525299 0.516820  55 1 0 -0.998829 5.603290 -0.645476  56 1 0 -1.214234 5.074491 -2.305692 |
| TM\_NP\_model\_scan\_p\_80\_m\_80 | 1 6 0 -1.366754 -0.089767 -0.357566  2 6 0 -0.669038 1.104702 -0.515518  3 6 0 0.685161 1.226887 -0.180582  4 6 0 1.367613 0.106706 0.342865  5 6 0 0.669943 -1.088092 0.499981  6 6 0 -0.684083 -1.210291 0.164827  7 6 0 2.800547 0.172503 0.775129  8 6 0 3.115886 0.704496 2.008689  9 6 0 4.450778 0.760125 2.467270  10 6 0 5.470858 0.282935 1.684100  11 6 0 5.201066 -0.268693 0.405482  12 6 0 3.847922 -0.326956 -0.063348  13 6 0 3.603262 -0.870313 -1.353478  14 6 0 4.634596 -1.335814 -2.133111  15 6 0 5.967151 -1.283973 -1.665691  16 6 0 6.240571 -0.761666 -0.425826  17 6 0 -2.801290 -0.154653 -0.785324  18 6 0 -3.847582 0.316404 0.070702  19 6 0 -5.202974 0.258377 -0.391600  20 6 0 -5.475765 -0.264180 -1.681757  21 6 0 -4.456438 -0.713259 -2.482283  22 6 0 -3.119260 -0.658174 -2.029943  23 6 0 -3.599180 0.832179 1.371316  24 6 0 -4.629418 1.270786 2.167828  25 6 0 -5.964406 1.218210 1.707516  26 6 0 -6.241289 0.722825 0.457384  27 6 0 1.379314 2.511016 -0.406604  28 7 0 0.772765 3.543476 -0.830616  29 6 0 1.544449 4.751751 -1.037161  30 6 0 -1.377869 -2.495233 0.387174  31 7 0 -0.772934 -3.526312 0.816819  32 6 0 -1.543945 -4.736024 1.017465  33 1 0 -1.168186 1.976821 -0.919813  34 1 0 1.169053 -1.960240 0.904289  35 1 0 2.319560 1.079245 2.642179  36 1 0 4.660866 1.179953 3.444548  37 1 0 6.498082 0.321323 2.031242  38 1 0 2.585126 -0.915358 -1.719328  39 1 0 4.426459 -1.746433 -3.114747  40 1 0 6.771389 -1.656449 -2.290157  41 1 0 7.261779 -0.716219 -0.061778  42 1 0 -6.504713 -0.302731 -2.023747  43 1 0 -4.668827 -1.110677 -3.468389  44 1 0 -2.323743 -1.011458 -2.676625  45 1 0 -2.578991 0.877812 1.731396  46 1 0 -4.418557 1.660780 3.157259  47 1 0 -6.767814 1.569150 2.345387  48 1 0 -7.264383 0.677548 0.098641  49 1 0 2.455909 2.522526 -0.193962  50 1 0 2.612167 4.643935 -0.793510  51 1 0 -2.452693 -2.508826 0.165802  52 1 0 -2.609805 -4.630374 0.764925  53 1 0 1.448901 5.064290 -2.081934  54 1 0 1.120419 5.557255 -0.429152  55 1 0 -1.113340 -5.540948 0.413311  56 1 0 -1.456422 -5.047951 2.063117 |
| TM\_NP\_model\_scan\_p\_80\_m\_90 | 1 6 0 -1.360043 0.025463 -0.406989  2 6 0 -0.627792 1.205866 -0.492516  3 6 0 0.724912 1.271279 -0.134705  4 6 0 1.368685 0.105876 0.335665  5 6 0 0.637094 -1.076532 0.415894  6 6 0 -0.714365 -1.141975 0.056811  7 6 0 2.796989 0.108190 0.788320  8 6 0 3.109705 0.564282 2.052544  9 6 0 4.439209 0.558439 2.529673  10 6 0 5.456674 0.095847 1.734440  11 6 0 5.189539 -0.379396 0.425038  12 6 0 3.841695 -0.375759 -0.062574  13 6 0 3.599992 -0.844164 -1.382237  14 6 0 4.628847 -1.296661 -2.172732  15 6 0 5.956003 -1.305445 -1.687407  16 6 0 6.226602 -0.856245 -0.418667  17 6 0 -2.796289 0.029092 -0.835929  18 6 0 -3.844552 0.289102 0.103622  19 6 0 -5.201933 0.301386 -0.355751  20 6 0 -5.474171 0.059108 -1.726813  21 6 0 -4.452169 -0.184489 -2.608509  22 6 0 -3.112701 -0.198675 -2.159058  23 6 0 -3.594343 0.535370 1.480520  24 6 0 -4.626112 0.779067 2.354833  25 6 0 -5.963919 0.790404 1.899853  26 6 0 -6.241888 0.557506 0.575550  27 6 0 1.456292 2.546596 -0.277212  28 7 0 0.884558 3.617597 -0.651128  29 6 0 1.691307 4.814378 -0.774001  30 6 0 -1.441631 -2.422257 0.173475  31 7 0 -0.880750 -3.485638 0.583444  32 6 0 -1.680113 -4.690863 0.665172  33 1 0 -1.098717 2.113607 -0.849372  34 1 0 1.107854 -1.984385 0.772922  35 1 0 2.315280 0.926936 2.695382  36 1 0 4.647118 0.919420 3.530631  37 1 0 6.479742 0.087176 2.095573  38 1 0 2.585994 -0.842054 -1.761995  39 1 0 4.422977 -1.649921 -3.176906  40 1 0 6.758312 -1.666587 -2.320948  41 1 0 7.243701 -0.857888 -0.040567  42 1 0 -6.504834 0.071688 -2.065603  43 1 0 -4.664126 -0.366913 -3.655997  44 1 0 -2.314750 -0.391515 -2.867425  45 1 0 -2.571506 0.532551 1.836174  46 1 0 -4.414328 0.966165 3.401582  47 1 0 -6.768643 0.985154 2.599861  48 1 0 -7.266907 0.566632 0.219507  49 1 0 2.528795 2.516954 -0.046700  50 1 0 2.751696 4.662945 -0.521757  51 1 0 -2.500547 -2.404274 -0.114565  52 1 0 -2.726140 -4.551901 0.353064  53 1 0 1.620887 5.191224 -1.799350  54 1 0 1.279193 5.593467 -0.124747  55 1 0 -1.223563 -5.467224 0.042931  56 1 0 -1.663295 -5.063710 1.694225 |
| TM\_NP\_model\_scan\_p\_80\_m\_100 | 1 6 0 -1.353120 0.157369 -0.416978  2 6 0 -0.587256 1.319341 -0.404693  3 6 0 0.764548 1.318263 -0.037270  4 6 0 1.372526 0.102070 0.342651  5 6 0 0.608848 -1.062767 0.320526  6 6 0 -0.740251 -1.062445 -0.051741  7 6 0 2.798163 0.027795 0.797623  8 6 0 3.118399 0.374988 2.094129  9 6 0 4.444940 0.292857 2.572486  10 6 0 5.451840 -0.137302 1.746212  11 6 0 5.176631 -0.502480 0.403532  12 6 0 3.831725 -0.421423 -0.085498  13 6 0 3.582055 -0.780853 -1.437519  14 6 0 4.600406 -1.203518 -2.257558  15 6 0 5.924498 -1.288812 -1.771286  16 6 0 6.202820 -0.945021 -0.471610  17 6 0 -2.789053 0.241608 -0.835414  18 6 0 -3.843377 0.251863 0.133942  19 6 0 -5.200603 0.344163 -0.316778  20 6 0 -5.467425 0.432505 -1.707358  21 6 0 -4.439960 0.434882 -2.615816  22 6 0 -3.100784 0.340204 -2.175748  23 6 0 -3.599429 0.183992 1.532229  24 6 0 -4.636765 0.194436 2.433537  25 6 0 -5.974665 0.275431 1.986350  26 6 0 -6.246586 0.350424 0.642643  27 6 0 1.530589 2.580676 -0.071635  28 7 0 0.989592 3.694073 -0.356994  29 6 0 1.828999 4.874529 -0.377318  30 6 0 -1.493359 -2.333048 -0.072696  31 7 0 -0.974599 -3.434340 0.289687  32 6 0 -1.792940 -4.627859 0.224212  33 1 0 -1.032342 2.266490 -0.683624  34 1 0 1.053740 -2.010204 0.599352  35 1 0 2.331840 0.710824 2.760763  36 1 0 4.658769 0.569422 3.598758  37 1 0 6.472570 -0.204551 2.107777  38 1 0 2.570345 -0.719054 -1.818155  39 1 0 4.388635 -1.474021 -3.285921  40 1 0 6.718459 -1.625306 -2.428490  41 1 0 7.217704 -1.006184 -0.092449  42 1 0 -6.498187 0.502039 -2.038844  43 1 0 -4.647458 0.507307 -3.677474  44 1 0 -2.299042 0.338490 -2.905666  45 1 0 -2.577172 0.130213 1.885343  46 1 0 -4.428916 0.143970 3.496452  47 1 0 -6.783846 0.282445 2.707925  48 1 0 -7.271413 0.418838 0.292556  49 1 0 2.600703 2.503335 0.158787  50 1 0 2.883171 4.673769 -0.133510  51 1 0 -2.531036 -2.274637 -0.425321  52 1 0 -2.813181 -4.446527 -0.145936  53 1 0 1.775815 5.336136 -1.368486  54 1 0 1.433682 5.608725 0.331939  55 1 0 -1.304779 -5.362800 -0.423813  56 1 0 -1.851485 -5.078054 1.220257 |
| TM\_NP\_model\_scan\_p\_80\_m\_110 | 1 6 0 -1.346514 0.275845 -0.386084  2 6 0 -0.552956 1.414885 -0.276329  3 6 0 0.798984 1.353165 0.084892  4 6 0 1.379694 0.096846 0.361179  5 6 0 0.589807 -1.044562 0.241223  6 6 0 -0.758161 -0.983997 -0.129059  7 6 0 2.804374 -0.050155 0.800231  8 6 0 3.140099 0.181138 2.118559  9 6 0 4.465984 0.022974 2.579322  10 6 0 5.456267 -0.367437 1.714123  11 6 0 5.164791 -0.614314 0.348053  12 6 0 3.820939 -0.454278 -0.123602  13 6 0 3.555215 -0.693640 -1.499074  14 6 0 4.557029 -1.077599 -2.357591  15 6 0 5.879739 -1.242346 -1.888505  16 6 0 6.173594 -1.014398 -0.566881  17 6 0 -2.781104 0.434867 -0.781488  18 6 0 -3.846616 0.205629 0.149860  19 6 0 -5.200197 0.385199 -0.286145  20 6 0 -5.454278 0.801511 -1.618241  21 6 0 -4.417463 1.040798 -2.483352  22 6 0 -3.082505 0.859238 -2.060189  23 6 0 -3.619887 -0.174066 1.500447  24 6 0 -4.667983 -0.386276 2.363594  25 6 0 -6.001829 -0.228066 1.925391  26 6 0 -6.257877 0.152205 0.631429  27 6 0 1.592781 2.597009 0.151827  28 7 0 1.075997 3.741691 -0.038827  29 6 0 1.941258 4.901261 0.032876  30 6 0 -1.525230 -2.237439 -0.284851  31 7 0 -1.044297 -3.369134 0.033165  32 6 0 -1.867225 -4.543036 -0.174893  33 1 0 -0.977463 2.392701 -0.467588  34 1 0 1.014808 -2.022221 0.433214  35 1 0 2.366335 0.482349 2.815988  36 1 0 4.692506 0.209044 3.623124  37 1 0 6.476138 -0.492777 2.062456  38 1 0 2.544387 -0.571113 -1.867218  39 1 0 4.332999 -1.256140 -3.403287  40 1 0 6.660481 -1.547753 -2.576021  41 1 0 7.187688 -1.136407 -0.200466  42 1 0 -6.482674 0.933479 -1.937775  43 1 0 -4.614504 1.366245 -3.498560  44 1 0 -2.273670 1.042078 -2.758603  45 1 0 -2.601985 -0.288805 1.850858  46 1 0 -4.471221 -0.673054 3.390517  47 1 0 -6.819777 -0.400803 2.615736  48 1 0 -7.279146 0.286079 0.290019  49 1 0 2.661648 2.477491 0.370072  50 1 0 2.991360 4.658525 0.255169  51 1 0 -2.535393 -2.139058 -0.701958  52 1 0 -2.855933 -4.321636 -0.603970  53 1 0 1.895885 5.442446 -0.917627  54 1 0 1.563993 5.584243 0.800666  55 1 0 -1.340090 -5.238466 -0.835822  56 1 0 -2.002659 -5.060108 0.780382 |
| TM\_NP\_model\_scan\_p\_80\_m\_120 | 1 6 0 -1.344868 0.346514 -0.380259  2 6 0 -0.531444 1.465691 -0.213182  3 6 0 0.819666 1.365919 0.140541  4 6 0 1.380803 0.089375 0.357057  5 6 0 0.574343 -1.032265 0.176214  6 6 0 -0.771895 -0.933510 -0.191580  7 6 0 2.800865 -0.099884 0.794293  8 6 0 3.131762 0.061716 2.124230  9 6 0 4.452465 -0.137535 2.583820  10 6 0 5.442329 -0.499501 1.705880  11 6 0 5.155548 -0.675936 0.327947  12 6 0 3.816968 -0.473824 -0.142608  13 6 0 3.556077 -0.643152 -1.529314  14 6 0 4.557425 -1.000042 -2.399989  15 6 0 5.874853 -1.206232 -1.932403  16 6 0 6.163991 -1.046128 -0.599838  17 6 0 -2.783854 0.557381 -0.726379  18 6 0 -3.845389 0.160425 0.154807  19 6 0 -5.201534 0.416896 -0.233987  20 6 0 -5.464363 1.081803 -1.458759  21 6 0 -4.432470 1.493298 -2.262722  22 6 0 -3.096212 1.235033 -1.889587  23 6 0 -3.616312 -0.447251 1.419501  24 6 0 -4.661587 -0.813669 2.232986  25 6 0 -5.997237 -0.589765 1.831235  26 6 0 -6.256569 0.016496 0.627570  27 6 0 1.631552 2.593322 0.268433  28 7 0 1.133257 3.753205 0.126809  29 6 0 2.014955 4.895220 0.256381  30 6 0 -1.543356 -2.169320 -0.442446  31 7 0 -1.091485 -3.319945 -0.151426  32 6 0 -1.909998 -4.473775 -0.463440  33 1 0 -0.942319 2.459008 -0.344538  34 1 0 0.985552 -2.024809 0.314359  35 1 0 2.358129 0.339810 2.831328  36 1 0 4.675304 -0.005746 3.636633  37 1 0 6.458277 -0.655902 2.053132  38 1 0 2.549190 -0.488836 -1.896445  39 1 0 4.337065 -1.124939 -3.454208  40 1 0 6.655275 -1.489618 -2.629630  41 1 0 7.174044 -1.200145 -0.234330  42 1 0 -6.494923 1.268507 -1.741870  43 1 0 -4.634625 2.013446 -3.192190  44 1 0 -2.292654 1.553295 -2.544109  45 1 0 -2.599187 -0.613540 1.749457  46 1 0 -4.459973 -1.272242 3.194529  47 1 0 -6.812966 -0.887518 2.480356  48 1 0 -7.278678 0.207805 0.317470  49 1 0 2.697104 2.447629 0.487064  50 1 0 3.060216 4.627050 0.472049  51 1 0 -2.526759 -2.039096 -0.911215  52 1 0 -2.870990 -4.221837 -0.936383  53 1 0 1.982519 5.480709 -0.668044  54 1 0 1.643562 5.547163 1.053452  55 1 0 -1.351083 -5.141416 -1.126924  56 1 0 -2.103558 -5.035387 0.455976 |
| TM\_NP\_model\_scan\_p\_80\_m\_130 | 1 6 0 -1.342656 0.384548 -0.387265  2 6 0 -0.515644 1.491351 -0.193985  3 6 0 0.833170 1.372691 0.159753  4 6 0 1.381738 0.087621 0.356428  5 6 0 0.563682 -1.021685 0.154760  6 6 0 -0.780588 -0.903788 -0.214508  7 6 0 2.799103 -0.122938 0.792211  8 6 0 3.130382 0.013667 2.124820  9 6 0 4.449136 -0.204270 2.581629  10 6 0 5.436737 -0.558720 1.698092  11 6 0 5.149688 -0.708493 0.317058  12 6 0 3.813019 -0.487958 -0.150623  13 6 0 3.551989 -0.629964 -1.540362  14 6 0 4.551447 -0.977874 -2.416835  15 6 0 5.866955 -1.202245 -1.952223  16 6 0 6.156118 -1.068972 -0.616721  17 6 0 -2.786016 0.626216 -0.688880  18 6 0 -3.845608 0.120568 0.141506  19 6 0 -5.203266 0.432358 -0.202170  20 6 0 -5.471526 1.267803 -1.315776  21 6 0 -4.442229 1.800293 -2.048633  22 6 0 -3.106526 1.486914 -1.723777  23 6 0 -3.618369 -0.632794 1.326144  24 6 0 -4.662797 -1.092888 2.091729  25 6 0 -5.999123 -0.825823 1.720509  26 6 0 -6.258025 -0.074323 0.602179  27 6 0 1.654593 2.590641 0.315803  28 7 0 1.166795 3.757285 0.194843  29 6 0 2.056684 4.889091 0.354253  30 6 0 -1.547124 -2.130944 -0.520985  31 7 0 -1.115995 -3.289171 -0.229226  32 6 0 -1.921714 -4.432401 -0.606908  33 1 0 -0.916421 2.491965 -0.296546  34 1 0 0.964920 -2.020788 0.273404  35 1 0 2.358578 0.286075 2.836105  36 1 0 4.672285 -0.092617 3.636697  37 1 0 6.451171 -0.729187 2.043144  38 1 0 2.546596 -0.461382 -1.905329  39 1 0 4.331084 -1.081332 -3.473374  40 1 0 6.645910 -1.478129 -2.654084  41 1 0 7.164754 -1.236987 -0.253500  42 1 0 -6.503308 1.492635 -1.564559  43 1 0 -4.646430 2.457965 -2.885899  44 1 0 -2.307012 1.898200 -2.329347  45 1 0 -2.603078 -0.834301 1.639729  46 1 0 -4.458961 -1.659211 2.993531  47 1 0 -6.814224 -1.201410 2.328727  48 1 0 -7.279762 0.158459 0.320599  49 1 0 2.717492 2.431624 0.537886  50 1 0 3.098625 4.607975 0.569512  51 1 0 -2.504481 -1.986963 -1.037413  52 1 0 -2.857248 -4.165926 -1.121123  53 1 0 2.033958 5.495396 -0.556938  54 1 0 1.686101 5.525934 1.163826  55 1 0 -1.332799 -5.087637 -1.256699  56 1 0 -2.162728 -5.013244 0.289005 |
| TM\_NP\_model\_scan\_p\_80\_m\_140 | 1 6 0 -1.343653 0.421134 -0.405498  2 6 0 -0.503363 1.518628 -0.203994  3 6 0 0.843933 1.388565 0.148756  4 6 0 1.381105 0.099597 0.349853  5 6 0 0.553377 -1.001086 0.143158  6 6 0 -0.788244 -0.871578 -0.231274  7 6 0 2.794297 -0.123836 0.792119  8 6 0 3.120487 0.011340 2.126151  9 6 0 4.434587 -0.219881 2.589776  10 6 0 5.422537 -0.586718 1.711703  11 6 0 5.140581 -0.735988 0.329573  12 6 0 3.808766 -0.501502 -0.145147  13 6 0 3.552952 -0.643417 -1.535857  14 6 0 4.552685 -1.004491 -2.406674  15 6 0 5.863263 -1.242816 -1.935100  16 6 0 6.147413 -1.109835 -0.598499  17 6 0 -2.793624 0.683828 -0.654325  18 6 0 -3.845186 0.087186 0.129939  19 6 0 -5.207787 0.431584 -0.163023  20 6 0 -5.491146 1.402010 -1.156124  21 6 0 -4.470023 2.039075 -1.812809  22 6 0 -3.131958 1.688585 -1.546075  23 6 0 -3.610605 -0.776238 1.235903  24 6 0 -4.647814 -1.321230 1.954128  25 6 0 -5.987951 -1.035633 1.613065  26 6 0 -6.255710 -0.170592 0.582840  27 6 0 1.674703 2.600071 0.306833  28 7 0 1.197432 3.770680 0.182590  29 6 0 2.096348 4.895094 0.343858  30 6 0 -1.543845 -2.094899 -0.581976  31 7 0 -1.126299 -3.257504 -0.288588  32 6 0 -1.914840 -4.393971 -0.719515  33 1 0 -0.893355 2.524593 -0.291508  34 1 0 0.945573 -2.004274 0.257369  35 1 0 2.348109 0.292971 2.833205  36 1 0 4.653755 -0.108805 3.645735  37 1 0 6.433341 -0.767721 2.061998  38 1 0 2.551319 -0.464258 -1.906099  39 1 0 4.336334 -1.107734 -3.464060  40 1 0 6.642431 -1.529163 -2.632518  41 1 0 7.152287 -1.288529 -0.229986  42 1 0 -6.526327 1.649425 -1.366131  43 1 0 -4.682754 2.806690 -2.548113  44 1 0 -2.343267 2.179411 -2.104342  45 1 0 -2.594670 -0.993462 1.533822  46 1 0 -4.433836 -1.968382 2.797278  47 1 0 -6.797739 -1.481373 2.179526  48 1 0 -7.279817 0.085751 0.332008  49 1 0 2.735413 2.432162 0.532804  50 1 0 3.135053 4.605294 0.563109  51 1 0 -2.477462 -1.943050 -1.138364  52 1 0 -2.827095 -4.118074 -1.269276  53 1 0 2.082122 5.500418 -0.568142  54 1 0 1.728479 5.536019 1.151421  55 1 0 -1.298509 -5.039089 -1.353798  56 1 0 -2.195017 -4.988983 0.155453 |
| TM\_NP\_model\_scan\_p\_80\_p\_20 | 1 6 0 -1.418261 0.405405 -0.158850  2 6 0 -0.817878 -0.844347 -0.365371  3 6 0 0.560594 -1.026132 -0.515603  4 6 0 1.405463 0.101301 -0.528570  5 6 0 0.825253 1.354571 -0.352238  6 6 0 -0.549816 1.533352 -0.175396  7 6 0 2.881687 0.006814 -0.759694  8 6 0 3.361139 -0.125652 -2.046884  9 6 0 4.746969 -0.186106 -2.313573  10 6 0 5.652161 -0.116169 -1.285313  11 6 0 5.211079 0.012995 0.056601  12 6 0 3.805874 0.074390 0.331719  13 6 0 3.387054 0.188376 1.684890  14 6 0 4.303203 0.246001 2.707413  15 6 0 5.688457 0.193252 2.433050  16 6 0 6.128541 0.078890 1.137638  17 6 0 -2.898841 0.510445 -0.330423  18 6 0 -3.812922 -0.450568 0.248759  19 6 0 -5.220597 -0.304640 0.006380  20 6 0 -5.701333 0.825347 -0.701610  21 6 0 -4.830875 1.794087 -1.124931  22 6 0 -3.445233 1.641883 -0.917588  23 6 0 -3.412889 -1.506888 1.113893  24 6 0 -4.320396 -2.402473 1.628647  25 6 0 -5.691611 -2.300517 1.313681  26 6 0 -6.127690 -1.263809 0.528673  27 6 0 1.099292 -2.392564 -0.677653  28 7 0 0.351022 -3.418730 -0.696762  29 6 0 0.975398 -4.716579 -0.852291  30 6 0 -1.010282 2.894889 0.184491  31 7 0 -0.351819 3.938577 -0.116200  32 6 0 -0.843878 5.215372 0.361271  33 1 0 -1.426520 -1.731001 -0.471075  34 1 0 1.446734 2.241446 -0.338619  35 1 0 2.657531 -0.173194 -2.870548  36 1 0 5.087962 -0.283898 -3.338043  37 1 0 6.717984 -0.159172 -1.483603  38 1 0 2.327487 0.230320 1.904060  39 1 0 3.962819 0.332399 3.733200  40 1 0 6.400829 0.241779 3.248933  41 1 0 7.190729 0.034954 0.920185  42 1 0 -6.767577 0.919094 -0.878114  43 1 0 -5.194955 2.675261 -1.640830  44 1 0 -2.787344 2.384922 -1.348070  45 1 0 -2.375572 -1.598691 1.400090  46 1 0 -3.977358 -3.189379 2.290879  47 1 0 -6.395584 -3.022369 1.711975  48 1 0 -7.183906 -1.145305 0.310219  49 1 0 2.189471 -2.473487 -0.774270  50 1 0 2.071940 -4.674277 -0.933728  51 1 0 -1.935818 2.949799 0.773036  52 1 0 -1.776053 5.142926 0.942196  53 1 0 0.706826 -5.349298 -0.000358  54 1 0 0.571313 -5.204620 -1.744917  55 1 0 -0.075970 5.686098 0.983434  56 1 0 -1.007345 5.881193 -0.492008 |
| TM\_NP\_model\_scan\_p\_80\_p\_30 | 1 6 0 -1.418271 0.368711 -0.239710  2 6 0 -0.802801 -0.870771 -0.448140  3 6 0 0.581068 -1.026796 -0.575301  4 6 0 1.407730 0.115160 -0.544452  5 6 0 0.808022 1.356427 -0.349701  6 6 0 -0.573948 1.510661 -0.199453  7 6 0 2.889567 0.045165 -0.748905  8 6 0 3.394147 -0.050564 -2.029732  9 6 0 4.785174 -0.088564 -2.272263  10 6 0 5.670543 -0.032764 -1.226045  11 6 0 5.203479 0.060053 0.110051  12 6 0 3.792815 0.098870 0.360616  13 6 0 3.348147 0.177549 1.708017  14 6 0 4.244820 0.222955 2.748269  15 6 0 5.635365 0.192090 2.498328  16 6 0 6.100269 0.111813 1.209045  17 6 0 -2.900762 0.461950 -0.385633  18 6 0 -3.798819 -0.458337 0.269461  19 6 0 -5.210703 -0.327753 0.047415  20 6 0 -5.702975 0.739159 -0.745681  21 6 0 -4.839688 1.659568 -1.279661  22 6 0 -3.450290 1.525700 -1.083409  23 6 0 -3.370916 -1.464824 1.178949  24 6 0 -4.264441 -2.324549 1.772533  25 6 0 -5.645381 -2.230979 1.497012  26 6 0 -6.103876 -1.245668 0.659909  27 6 0 1.146869 -2.380396 -0.751666  28 7 0 0.416263 -3.417251 -0.818445  29 6 0 1.066415 -4.701377 -0.982166  30 6 0 -1.080842 2.855888 0.154610  31 7 0 -0.415693 3.914185 -0.071836  32 6 0 -0.965916 5.174661 0.384809  33 1 0 -1.401619 -1.763789 -0.564916  34 1 0 1.416950 2.250891 -0.302521  35 1 0 2.706131 -0.087308 -2.867012  36 1 0 5.145868 -0.158116 -3.292289  37 1 0 6.740259 -0.058891 -1.405414  38 1 0 2.284304 0.202401 1.908159  39 1 0 3.884922 0.282719 3.769285  40 1 0 6.332186 0.230526 3.328071  41 1 0 7.166691 0.085013 1.010314  42 1 0 -6.772596 0.822050 -0.906677  43 1 0 -5.214215 2.487521 -1.870829  44 1 0 -2.792462 2.229328 -1.577712  45 1 0 -2.322330 -1.546892 1.427034  46 1 0 -3.904185 -3.077027 2.464966  47 1 0 -6.338743 -2.922782 1.961777  48 1 0 -7.165824 -1.140778 0.463414  49 1 0 2.240710 -2.442051 -0.815169  50 1 0 2.164135 -4.640116 -1.028291  51 1 0 -2.052844 2.886777 0.663871  52 1 0 -1.941353 5.077897 0.885539  53 1 0 0.781973 -5.356749 -0.152796  54 1 0 0.698176 -5.175978 -1.897251  55 1 0 -0.259299 5.645522 1.075719  56 1 0 -1.069643 5.853067 -0.467939 |
| TM\_NP\_model\_scan\_p\_80\_p\_40 | 1 6 0 -1.418296 0.337140 -0.325034  2 6 0 -0.789463 -0.893014 -0.535438  3 6 0 0.598787 -1.027390 -0.638025  4 6 0 1.408769 0.125820 -0.565652  5 6 0 0.791399 1.355755 -0.355594  6 6 0 -0.596047 1.488815 -0.231214  7 6 0 2.895517 0.076964 -0.740038  8 6 0 3.427385 0.013522 -2.011820  9 6 0 4.823374 -0.003682 -2.226452  10 6 0 5.686456 0.041442 -1.161278  11 6 0 5.191092 0.103090 0.166406  12 6 0 3.775244 0.120526 0.388655  13 6 0 3.302395 0.169455 1.727892  14 6 0 4.177147 0.207018 2.786942  15 6 0 5.572732 0.196983 2.565021  16 6 0 6.064678 0.145276 1.284335  17 6 0 -2.903779 0.417028 -0.440147  18 6 0 -3.779306 -0.459121 0.293590  19 6 0 -5.195667 -0.353897 0.089998  20 6 0 -5.707826 0.637438 -0.784767  21 6 0 -4.859922 1.505527 -1.422496  22 6 0 -3.466163 1.397539 -1.239926  23 6 0 -3.319049 -1.402062 1.253471  24 6 0 -4.192205 -2.222444 1.927066  25 6 0 -5.581138 -2.148115 1.684958  26 6 0 -6.067541 -1.227343 0.791633  27 6 0 1.188471 -2.369481 -0.823156  28 7 0 0.474677 -3.414625 -0.930630  29 6 0 1.147352 -4.686760 -1.096515  30 6 0 -1.142515 2.820281 0.111947  31 7 0 -0.474757 3.889002 -0.048986  32 6 0 -1.073020 5.137009 0.379891  33 1 0 -1.379169 -1.791465 -0.662627  34 1 0 1.388581 2.255976 -0.277452  35 1 0 2.756958 -0.014635 -2.863583  36 1 0 5.205538 -0.048837 -3.240013  37 1 0 6.759855 0.031081 -1.318945  38 1 0 2.234497 0.178282 1.906530  39 1 0 3.795973 0.244595 3.801269  40 1 0 6.252088 0.228943 3.409404  41 1 0 7.135174 0.134784 1.107116  42 1 0 -6.780850 0.702888 -0.930705  43 1 0 -5.251393 2.270948 -2.082938  44 1 0 -2.815547 2.060968 -1.796890  45 1 0 -2.261290 -1.466182 1.468278  46 1 0 -3.810913 -2.929065 2.655615  47 1 0 -6.258700 -2.807231 2.215849  48 1 0 -7.134728 -1.143760 0.614179  49 1 0 2.284462 -2.415259 -0.855027  50 1 0 2.245022 -4.609946 -1.109393  51 1 0 -2.150299 2.832994 0.546265  52 1 0 -2.081266 5.023014 0.806349  53 1 0 0.848162 -5.359840 -0.286723  54 1 0 0.812589 -5.150886 -2.029663  55 1 0 -0.424853 5.608075 1.125769  56 1 0 -1.122499 5.824008 -0.470887 |
| TM\_NP\_model\_scan\_p\_80\_p\_50 | 1 6 0 -1.419048 0.297870 -0.426153  2 6 0 -0.770716 -0.921212 -0.631193  3 6 0 0.621595 -1.030243 -0.707969  4 6 0 1.409919 0.135777 -0.597393  5 6 0 0.769149 1.353277 -0.385871  6 6 0 -0.623617 1.461844 -0.294494  7 6 0 2.901566 0.111909 -0.731585  8 6 0 3.470460 0.074307 -1.988222  9 6 0 4.872156 0.079948 -2.162625  10 6 0 5.703650 0.120949 -1.072433  11 6 0 5.169638 0.155468 0.241224  12 6 0 3.747951 0.150402 0.422569  13 6 0 3.236290 0.172112 1.748271  14 6 0 4.079671 0.204553 2.832620  15 6 0 5.481009 0.216544 2.651056  16 6 0 6.010149 0.191764 1.384448  17 6 0 -2.908195 0.349506 -0.516801  18 6 0 -3.749382 -0.458535 0.322349  19 6 0 -5.171263 -0.395158 0.145059  20 6 0 -5.717171 0.479484 -0.828466  21 6 0 -4.897486 1.274556 -1.587727  22 6 0 -3.498058 1.211509 -1.423642  23 6 0 -3.244343 -1.294380 1.355578  24 6 0 -4.085605 -2.047112 2.139346  25 6 0 -5.482868 -2.007729 1.937523  26 6 0 -6.009523 -1.195413 0.964977  27 6 0 1.238999 -2.358987 -0.898631  28 7 0 0.546144 -3.412595 -1.051141  29 6 0 1.244438 -4.670607 -1.218589  30 6 0 -1.212542 2.780302 0.024405  31 7 0 -0.545377 3.858145 -0.061286  32 6 0 -1.195203 5.093830 0.325732  33 1 0 -1.346769 -1.828187 -0.764949  34 1 0 1.350010 2.261570 -0.282099  35 1 0 2.825233 0.049183 -2.859345  36 1 0 5.283864 0.055235 -3.165264  37 1 0 6.781152 0.127640 -1.199339  38 1 0 2.163729 0.164324 1.896461  39 1 0 3.669039 0.221131 3.835949  40 1 0 6.135373 0.244095 3.515109  41 1 0 7.085332 0.198334 1.238093  42 1 0 -6.794071 0.513807 -0.955583  43 1 0 -5.316721 1.948064 -2.326610  44 1 0 -2.865732 1.821673 -2.058244  45 1 0 -2.177681 -1.328934 1.532188  46 1 0 -3.673901 -2.673630 2.922591  47 1 0 -6.135292 -2.611297 2.558395  48 1 0 -7.082680 -1.144861 0.812688  49 1 0 2.336028 -2.387070 -0.894692  50 1 0 2.340580 -4.576649 -1.193216  51 1 0 -2.255271 2.776435 0.365792  52 1 0 -2.237466 4.963488 0.654337  53 1 0 0.929357 -5.363955 -0.432259  54 1 0 0.948315 -5.121481 -2.171098  55 1 0 -0.624808 5.561021 1.134951  56 1 0 -1.172726 5.791996 -0.517041 |
| TM\_NP\_model\_scan\_p\_80\_p\_60 | 1 6 0 -1.419012 0.239782 -0.511889  2 6 0 -0.750302 -0.971068 -0.688831  3 6 0 0.645370 -1.055840 -0.737876  4 6 0 1.410836 0.124993 -0.618086  5 6 0 0.746616 1.332897 -0.424935  6 6 0 -0.649820 1.417338 -0.364157  7 6 0 2.904966 0.125949 -0.725517  8 6 0 3.496209 0.092920 -1.971963  9 6 0 4.900339 0.123729 -2.122231  10 6 0 5.711918 0.185869 -1.018119  11 6 0 5.154637 0.217284 0.285939  12 6 0 3.730350 0.186474 0.442727  13 6 0 3.195527 0.206172 1.759264  14 6 0 4.019234 0.260580 2.857765  15 6 0 5.423021 0.297723 2.700360  16 6 0 5.974394 0.275680 1.443211  17 6 0 -2.911176 0.263067 -0.592763  18 6 0 -3.729348 -0.437552 0.354246  19 6 0 -5.153693 -0.416112 0.189861  20 6 0 -5.721598 0.306295 -0.890297  21 6 0 -4.920437 0.989015 -1.769651  22 6 0 -3.518040 0.967626 -1.615289  23 6 0 -3.194941 -1.133567 1.472660  24 6 0 -4.014224 -1.789582 2.359649  25 6 0 -5.415588 -1.785721 2.180943  26 6 0 -5.968786 -1.110471 1.121825  27 6 0 1.290406 -2.374445 -0.905220  28 7 0 0.619979 -3.440494 -1.071143  29 6 0 1.343917 -4.687191 -1.212125  30 6 0 -1.278867 2.726617 -0.090774  31 7 0 -0.619219 3.812236 -0.111941  32 6 0 -1.317775 5.039914 0.209672  33 1 0 -1.311023 -1.889078 -0.814767  34 1 0 1.309924 2.251579 -0.315691  35 1 0 2.866824 0.051566 -2.854003  36 1 0 5.329733 0.101578 -3.117493  37 1 0 6.791148 0.211893 -1.126536  38 1 0 2.120880 0.179668 1.889076  39 1 0 3.591004 0.275508 3.853730  40 1 0 6.061698 0.342527 3.575352  41 1 0 7.051640 0.301469 1.315317  42 1 0 -6.800317 0.311912 -1.006086  43 1 0 -5.356809 1.542004 -2.593769  44 1 0 -2.898458 1.492604 -2.333710  45 1 0 -2.123664 -1.140000 1.625899  46 1 0 -3.582945 -2.312447 3.205914  47 1 0 -6.050298 -2.311088 2.885637  48 1 0 -7.044777 -1.092662 0.982851  49 1 0 2.387286 -2.383697 -0.871722  50 1 0 2.437205 -4.574424 -1.156843  51 1 0 -2.348849 2.709342 0.151089  52 1 0 -2.385396 4.897060 0.435629  53 1 0 1.018797 -5.381817 -0.431028  54 1 0 1.082148 -5.147942 -2.169977  55 1 0 -0.833906 5.513504 1.069932  56 1 0 -1.221960 5.738491 -0.627601 |
| TM\_NP\_model\_scan\_p\_80\_p\_70 | 1 6 0 -1.418691 0.148492 -0.614357  2 6 0 -0.722530 -1.052666 -0.732585  3 6 0 0.675867 -1.106768 -0.752726  4 6 0 1.411999 0.094969 -0.657883  5 6 0 0.717723 1.294269 -0.524942  6 6 0 -0.681360 1.348030 -0.496223  7 6 0 2.908179 0.124942 -0.727129  8 6 0 3.534116 0.058856 -1.955156  9 6 0 4.940986 0.113732 -2.068483  10 6 0 5.720398 0.233225 -0.946027  11 6 0 5.126852 0.300260 0.340556  12 6 0 3.699674 0.245268 0.459827  13 6 0 3.128594 0.300955 1.760029  14 6 0 3.920389 0.412043 2.877547  15 6 0 5.326959 0.472888 2.756809  16 6 0 5.913067 0.417258 1.516547  17 6 0 -2.913775 0.129315 -0.677615  18 6 0 -3.697024 -0.404185 0.396926  19 6 0 -5.124164 -0.438137 0.265659  20 6 0 -5.727039 0.061169 -0.916988  21 6 0 -4.956998 0.579327 -1.927044  22 6 0 -3.550969 0.613221 -1.803002  23 6 0 -3.120955 -0.885532 1.603795  24 6 0 -3.905873 -1.385622 2.614677  25 6 0 -5.311348 -1.430996 2.476467  26 6 0 -5.903163 -0.965618 1.328657  27 6 0 1.353346 -2.415349 -0.858961  28 7 0 0.710267 -3.501385 -1.002235  29 6 0 1.464383 -4.735473 -1.083349  30 6 0 -1.352722 2.650366 -0.305722  31 7 0 -0.713499 3.748231 -0.304758  32 6 0 -1.458163 4.970451 -0.081080  33 1 0 -1.262104 -1.987375 -0.824534  34 1 0 1.258093 2.229213 -0.440327  35 1 0 2.930565 -0.028290 -2.851793  36 1 0 5.398251 0.064128 -3.050257  37 1 0 6.801478 0.277742 -1.026411  38 1 0 2.051568 0.256489 1.862198  39 1 0 3.464497 0.453706 3.860395  40 1 0 5.940163 0.562275 3.646465  41 1 0 6.992707 0.460688 1.416734  42 1 0 -6.807690 0.027833 -1.007526  43 1 0 -5.421111 0.960322 -2.829738  44 1 0 -2.955245 1.011862 -2.616656  45 1 0 -2.045299 -0.853875 1.721144  46 1 0 -3.444866 -1.747570 3.526832  47 1 0 -5.918924 -1.830604 3.280605  48 1 0 -6.982246 -0.991213 1.217461  49 1 0 2.449137 -2.398824 -0.801456  50 1 0 2.553322 -4.596219 -1.006558  51 1 0 -2.438515 2.617003 -0.151264  52 1 0 -2.538163 4.812807 0.060078  53 1 0 1.135758 -5.410412 -0.286624  54 1 0 1.235813 -5.234303 -2.030600  55 1 0 -1.055917 5.479370 0.800743  56 1 0 -1.305195 5.645201 -0.929327 |
| TM\_NP\_model\_scan\_p\_80\_p\_80 | 1 6 0 -1.414705 -0.009310 -0.675586  2 6 0 -0.688641 -1.197322 -0.667490  3 6 0 0.711415 -1.215188 -0.662643  4 6 0 1.414779 0.009503 -0.675736  5 6 0 0.688713 1.197496 -0.667248  6 6 0 -0.711342 1.215378 -0.662284  7 6 0 2.910630 0.072624 -0.731628  8 6 0 3.552773 -0.094095 -1.941582  9 6 0 4.958882 -0.011511 -2.046735  10 6 0 5.721227 0.239267 -0.934283  11 6 0 5.110687 0.415870 0.333814  12 6 0 3.684186 0.331856 0.444976  13 6 0 3.096344 0.499890 1.727832  14 6 0 3.871299 0.744513 2.835884  15 6 0 5.276988 0.833516 2.722555  16 6 0 5.879191 0.671661 1.499464  17 6 0 -2.910608 -0.072605 -0.731580  18 6 0 -3.684219 -0.331916 0.444969  19 6 0 -5.110702 -0.415809 0.333729  20 6 0 -5.721190 -0.239023 -0.934398  21 6 0 -4.958780 0.011712 -2.046785  22 6 0 -3.552626 0.094198 -1.941555  23 6 0 -3.096395 -0.500322 1.727772  24 6 0 -3.871410 -0.745132 2.835757  25 6 0 -5.277099 -0.833926 2.722367  26 6 0 -5.879269 -0.671741 1.499293  27 6 0 1.424653 -2.508175 -0.627346  28 7 0 0.813694 -3.620863 -0.674785  29 6 0 1.601807 -4.834841 -0.616804  30 6 0 -1.424603 2.508312 -0.626781  31 7 0 -0.813729 3.621048 -0.674764  32 6 0 -1.601911 4.834996 -0.616391  33 1 0 -1.204177 -2.149944 -0.669207  34 1 0 1.204274 2.150109 -0.668821  35 1 0 2.962532 -0.285089 -2.830948  36 1 0 5.429068 -0.143986 -3.014626  37 1 0 6.801599 0.305954 -1.008577  38 1 0 2.019811 0.435057 1.824173  39 1 0 3.402619 0.870629 3.805424  40 1 0 5.876768 1.028487 3.604450  41 1 0 6.958322 0.736082 1.405676  42 1 0 -6.801571 -0.305544 -1.008668  43 1 0 -5.428860 0.144288 -3.014711  44 1 0 -2.962400 0.285204 -2.830915  45 1 0 -2.019857 -0.435663 1.824145  46 1 0 -3.402772 -0.871594 3.805270  47 1 0 -5.876915 -1.029043 3.604204  48 1 0 -6.958407 -0.736017 1.405502  49 1 0 2.518073 -2.454757 -0.550067  50 1 0 2.684776 -4.657676 -0.534017  51 1 0 -2.517965 2.454860 -0.548907  52 1 0 -2.684853 4.657751 -0.533492  53 1 0 1.274112 -5.435053 0.237985  54 1 0 1.406912 -5.432874 -1.512748  55 1 0 -1.274159 5.434982 0.238546  56 1 0 -1.407125 5.433292 -1.512171 |
| TM\_NP\_model\_scan\_p\_80\_p\_90 | 1 6 0 1.406615 0.227190 -0.662576  2 6 0 0.641768 1.374085 -0.471024  3 6 0 -0.758583 1.343559 -0.463855  4 6 0 -1.420278 0.111956 -0.661569  5 6 0 -0.654541 -1.037583 -0.840221  6 6 0 0.745010 -1.007321 -0.844525  7 6 0 -2.913471 0.007760 -0.729682  8 6 0 -3.564008 0.332014 -1.902624  9 6 0 -4.967261 0.221842 -2.021209  10 6 0 -5.718308 -0.213342 -0.959095  11 6 0 -5.098890 -0.556430 0.269937  12 6 0 -3.675167 -0.446350 0.394179  13 6 0 -3.078276 -0.783819 1.638812  14 6 0 -3.841894 -1.212084 2.697851  15 6 0 -5.244687 -1.326009 2.570869  16 6 0 -5.855536 -1.004328 1.384171  17 6 0 2.900199 0.348486 -0.700911  18 6 0 3.682535 0.225027 0.491458  19 6 0 5.106200 0.366436 0.406498  20 6 0 5.704939 0.626866 -0.852889  21 6 0 4.933687 0.743064 -1.981137  22 6 0 3.530017 0.602764 -1.901528  23 6 0 3.104222 -0.036564 1.762622  24 6 0 3.886562 -0.152366 2.886408  25 6 0 5.290091 -0.012218 2.800416  26 6 0 5.882557 0.241458 1.588073  27 6 0 -1.513768 2.592058 -0.234054  28 7 0 -0.939418 3.718851 -0.115117  29 6 0 -1.765712 4.883999 0.125495  30 6 0 1.503148 -2.259334 -1.042430  31 7 0 0.928996 -3.378319 -1.220258  32 6 0 1.760401 -4.550566 -1.401555  33 1 0 1.125302 2.331823 -0.322302  34 1 0 -1.137820 -1.994651 -0.994433  35 1 0 -2.982616 0.671024 -2.752827  36 1 0 -5.444193 0.481198 -2.959676  37 1 0 -6.796344 -0.301423 -1.044130  38 1 0 -2.003877 -0.700834 1.744366  39 1 0 -3.366587 -1.465387 3.638855  40 1 0 -5.835411 -1.667022 3.413635  41 1 0 -6.932495 -1.087233 1.280496  42 1 0 6.783312 0.733281 -0.907405  43 1 0 5.394811 0.944260 -2.941511  44 1 0 2.932914 0.698538 -2.801501  45 1 0 2.028988 -0.140993 1.837433  46 1 0 3.425619 -0.351205 3.847433  47 1 0 5.895867 -0.105006 3.694793  48 1 0 6.959710 0.350743 1.515402  49 1 0 -2.604478 2.492150 -0.164775  50 1 0 -2.842398 4.662090 0.175499  51 1 0 2.596907 -2.169953 -1.026410  52 1 0 2.839679 -4.339438 -1.362743  53 1 0 -1.456744 5.355386 1.063967  54 1 0 -1.590550 5.618823 -0.666741  55 1 0 1.514793 -5.287754 -0.630527  56 1 0 1.523150 -5.013630 -2.364716 |
| TM\_NP\_model\_scan\_p\_80\_p\_100 | 1 6 0 1.397476 0.411891 -0.605672  2 6 0 0.600630 1.503663 -0.273673  3 6 0 -0.798583 1.434695 -0.277436  4 6 0 -1.426041 0.221421 -0.633813  5 6 0 -0.628567 -0.873182 -0.959801  6 6 0 0.769237 -0.804440 -0.955379  7 6 0 -2.915627 0.084351 -0.719702  8 6 0 -3.575844 0.538038 -1.843279  9 6 0 -4.974721 0.399266 -1.981890  10 6 0 -5.711752 -0.195173 -0.989410  11 6 0 -5.082343 -0.673878 0.188166  12 6 0 -3.663189 -0.534403 0.332868  13 6 0 -3.056678 -1.009340 1.527007  14 6 0 -3.806706 -1.595330 2.518061  15 6 0 -5.204746 -1.738401 2.369847  16 6 0 -5.824726 -1.286803 1.231188  17 6 0 2.886951 0.574108 -0.603497  18 6 0 3.680879 0.122391 0.499451  19 6 0 5.101043 0.309371 0.456231  20 6 0 5.685352 0.941497 -0.671370  21 6 0 4.902951 1.374838 -1.711125  22 6 0 3.502759 1.189827 -1.673563  23 6 0 3.116699 -0.501048 1.644844  24 6 0 3.909729 -0.924372 2.684269  25 6 0 5.310537 -0.745392 2.636227  26 6 0 5.888964 -0.140959 1.547572  27 6 0 -1.588149 2.621465 0.109431  28 7 0 -1.046353 3.740724 0.369126  29 6 0 -1.905541 4.841098 0.755505  30 6 0 1.560277 -1.992999 -1.334472  31 7 0 1.017416 -3.105154 -1.620413  32 6 0 1.878979 -4.211104 -1.984944  33 1 0 1.057522 2.445333 0.004707  34 1 0 -1.085360 -1.813346 -1.243897  35 1 0 -3.005306 1.002567 -2.639855  36 1 0 -5.459256 0.762937 -2.881003  37 1 0 -6.786155 -0.307141 -1.090842  38 1 0 -1.985810 -0.905170 1.648249  39 1 0 -3.324202 -1.951597 3.421289  40 1 0 -5.784596 -2.204515 3.158519  41 1 0 -6.898202 -1.391088 1.111913  42 1 0 6.761386 1.078453 -0.695109  43 1 0 5.352682 1.860619 -2.569710  44 1 0 2.897265 1.534064 -2.504516  45 1 0 2.043385 -0.635772 1.693688  46 1 0 3.458949 -1.396574 3.549935  47 1 0 5.925052 -1.083762 3.462884  48 1 0 6.963608 0.003751 1.506349  49 1 0 -2.675067 2.481129 0.167097  50 1 0 -2.974494 4.581135 0.783403  51 1 0 2.649527 -1.861632 -1.358532  52 1 0 2.950460 -3.960768 -1.975870  53 1 0 -1.602668 5.203452 1.743071  54 1 0 -1.760009 5.672562 0.058478  55 1 0 1.703303 -5.044537 -1.297349  56 1 0 1.605045 -4.565648 -2.983736 |
| TM\_NP\_model\_scan\_p\_80\_p\_110 | 1 6 0 1.390602 0.505895 -0.557026  2 6 0 0.569045 1.563875 -0.176652  3 6 0 -0.828253 1.468721 -0.192894  4 6 0 -1.430088 0.262374 -0.610599  5 6 0 -0.609204 -0.797935 -0.988287  6 6 0 0.786774 -0.702255 -0.974688  7 6 0 -2.916131 0.101100 -0.713046  8 6 0 -3.577731 0.595271 -1.818582  9 6 0 -4.972776 0.437060 -1.973757  10 6 0 -5.704650 -0.216860 -1.015465  11 6 0 -5.073846 -0.737912 0.143283  12 6 0 -3.658533 -0.579137 0.304618  13 6 0 -3.050866 -1.096034 1.480579  14 6 0 -3.796235 -1.739768 2.438795  15 6 0 -5.190255 -1.902238 2.273689  16 6 0 -5.811223 -1.411366 1.151935  17 6 0 2.874423 0.698123 -0.515627  18 6 0 3.686384 0.059956 0.478256  19 6 0 5.100064 0.296511 0.476246  20 6 0 5.660280 1.164262 -0.496159  21 6 0 4.860007 1.781471 -1.423111  22 6 0 3.467125 1.548373 -1.427459  23 6 0 3.147446 -0.787490 1.483826  24 6 0 3.958425 -1.381523 2.420823  25 6 0 5.353687 -1.159328 2.406447  26 6 0 5.907462 -0.337004 1.456806  27 6 0 -1.642678 2.618417 0.250590  28 7 0 -1.124279 3.733553 0.569074  29 6 0 -2.006285 4.794665 1.010063  30 6 0 1.598838 -1.845109 -1.441487  31 7 0 1.080315 -2.962557 -1.750707  32 6 0 1.958150 -4.016491 -2.216561  33 1 0 1.005665 2.496799 0.157830  34 1 0 -1.046302 -1.729412 -1.326667  35 1 0 -3.010873 1.107414 -2.588124  36 1 0 -5.458395 0.833368 -2.858375  37 1 0 -6.776077 -0.343992 -1.129769  38 1 0 -1.983065 -0.976693 1.614537  39 1 0 -3.313163 -2.126873 3.328928  40 1 0 -5.766382 -2.414202 3.036228  41 1 0 -6.881740 -1.530134 1.020209  42 1 0 6.731648 1.335307 -0.489334  43 1 0 5.290182 2.449685 -2.160562  44 1 0 2.848075 2.037097 -2.171341  45 1 0 2.078616 -0.958034 1.510599  46 1 0 3.525380 -2.022448 3.180609  47 1 0 5.982486 -1.635007 3.150620  48 1 0 6.976984 -0.154149 1.444585  49 1 0 -2.726621 2.453308 0.297654  50 1 0 -3.070092 4.513132 1.018546  51 1 0 2.679835 -1.672510 -1.516825  52 1 0 3.019461 -3.727960 -2.250120  53 1 0 -1.714435 5.108198 2.017464  54 1 0 -1.874113 5.665535 0.360125  55 1 0 1.847843 -4.889565 -1.565610  56 1 0 1.643086 -4.329559 -3.217123 |
| TM\_NP\_model\_scan\_p\_80\_p\_120 | 1 6 0 1.384680 0.575108 -0.543134  2 6 0 0.541624 1.612794 -0.150526  3 6 0 -0.853537 1.496635 -0.176788  4 6 0 -1.434217 0.286054 -0.611223  5 6 0 -0.593923 -0.751678 -1.008537  6 6 0 0.799996 -0.633040 -0.990623  7 6 0 -2.917117 0.096915 -0.709924  8 6 0 -3.595561 0.594672 -1.803485  9 6 0 -4.988210 0.410853 -1.952245  10 6 0 -5.700715 -0.271567 -0.999235  11 6 0 -5.052255 -0.796968 0.147758  12 6 0 -3.639284 -0.612899 0.302294  13 6 0 -3.013863 -1.134329 1.466944  14 6 0 -3.740218 -1.805676 2.420781  15 6 0 -5.131865 -1.993051 2.262237  16 6 0 -5.769660 -1.498885 1.151422  17 6 0 2.862326 0.782708 -0.447508  18 6 0 3.679082 0.019299 0.452795  19 6 0 5.085999 0.289381 0.510793  20 6 0 5.633999 1.318624 -0.296659  21 6 0 4.827264 2.062909 -1.118658  22 6 0 3.443018 1.795701 -1.186013  23 6 0 3.152990 -0.976609 1.319870  24 6 0 3.969460 -1.686346 2.167311  25 6 0 5.359801 -1.438438 2.199565  26 6 0 5.900473 -0.468992 1.392362  27 6 0 -1.687760 2.626360 0.281254  28 7 0 -1.188876 3.746447 0.613264  29 6 0 -2.089240 4.786569 1.067049  30 6 0 1.626228 -1.743577 -1.509540  31 7 0 1.128429 -2.870682 -1.817475  32 6 0 2.015327 -3.886057 -2.347636  33 1 0 0.960266 2.543940 0.210568  34 1 0 -1.014226 -1.682791 -1.368416  35 1 0 -3.044035 1.129493 -2.568723  36 1 0 -5.487454 0.810431 -2.827755  37 1 0 -6.770154 -0.418249 -1.108693  38 1 0 -1.947784 -0.995762 1.595943  39 1 0 -3.243833 -2.195379 3.302415  40 1 0 -5.692885 -2.526654 3.021203  41 1 0 -6.838514 -1.636771 1.024890  42 1 0 6.700150 1.512673 -0.244240  43 1 0 5.246360 2.857028 -1.726149  44 1 0 2.820938 2.383617 -1.851391  45 1 0 2.088119 -1.169589 1.316277  46 1 0 3.543032 -2.438776 2.821154  47 1 0 5.993899 -2.007804 2.869746  48 1 0 6.965062 -0.260873 1.421201  49 1 0 -2.768644 2.441894 0.326031  50 1 0 -3.148031 4.486673 1.071291  51 1 0 2.696707 -1.535824 -1.630899  52 1 0 3.064796 -3.563959 -2.421994  53 1 0 -1.803349 5.092328 2.078547  54 1 0 -1.971878 5.667755 0.428259  55 1 0 1.961227 -4.776741 -1.713698  56 1 0 1.664316 -4.185826 -3.340298 |
| TM\_NP\_model\_scan\_p\_80\_p\_130 | 1 6 0 1.380576 0.606932 -0.533264  2 6 0 0.519687 1.636114 -0.151695  3 6 0 -0.873200 1.504263 -0.182907  4 6 0 -1.438550 0.281162 -0.601679  5 6 0 -0.583626 -0.750252 -0.983281  6 6 0 0.808669 -0.614082 -0.966072  7 6 0 -2.918552 0.073916 -0.705072  8 6 0 -3.595919 0.547694 -1.809950  9 6 0 -4.985614 0.346624 -1.963801  10 6 0 -5.696224 -0.329161 -1.004672  11 6 0 -5.048771 -0.830336 0.153687  12 6 0 -3.638777 -0.628695 0.313417  13 6 0 -3.014295 -1.126086 1.489018  14 6 0 -3.738861 -1.791144 2.448621  15 6 0 -5.127522 -1.995770 2.285192  16 6 0 -5.764303 -1.525023 1.163664  17 6 0 2.851807 0.831597 -0.400813  18 6 0 3.691220 -0.001429 0.416516  19 6 0 5.089501 0.305170 0.510903  20 6 0 5.605369 1.442655 -0.160056  21 6 0 4.773025 2.263311 -0.876965  22 6 0 3.400226 1.959653 -0.984442  23 6 0 3.198601 -1.093644 1.182364  24 6 0 4.038261 -1.863722 1.950783  25 6 0 5.422246 -1.586418 2.002384  26 6 0 5.930259 -0.521392 1.302157  27 6 0 -1.721712 2.630350 0.257835  28 7 0 -1.236768 3.760537 0.575902  29 6 0 -2.150402 4.796357 1.012804  30 6 0 1.640671 -1.710340 -1.508162  31 7 0 1.160687 -2.855068 -1.776325  32 6 0 2.047921 -3.850152 -2.343469  33 1 0 0.923132 2.573583 0.209859  34 1 0 -0.991070 -1.689622 -1.336325  35 1 0 -3.045751 1.076974 -2.580011  36 1 0 -5.484002 0.727641 -2.848034  37 1 0 -6.763361 -0.489099 -1.117951  38 1 0 -1.950470 -0.974109 1.621806  39 1 0 -3.243357 -2.162456 3.338640  40 1 0 -5.687107 -2.524111 3.048884  41 1 0 -6.830871 -1.676370 1.033285  42 1 0 6.665223 1.660569 -0.081245  43 1 0 5.163704 3.144946 -1.372298  44 1 0 2.761500 2.607180 -1.574273  45 1 0 2.139711 -1.314097 1.169714  46 1 0 3.633699 -2.686890 2.528935  47 1 0 6.075247 -2.206049 2.606562  48 1 0 6.988030 -0.284686 1.352313  49 1 0 -2.800528 2.433996 0.301798  50 1 0 -3.205694 4.484483 1.017515  51 1 0 2.696710 -1.474013 -1.688994  52 1 0 3.082519 -3.499180 -2.473982  53 1 0 -1.871518 5.118823 2.021051  54 1 0 -2.040846 5.670152 0.362581  55 1 0 2.051973 -4.736075 -1.700667  56 1 0 1.655417 -4.168782 -3.314490 |
| TM\_NP\_model\_scan\_p\_80\_p\_140 | 1 6 0 1.379565 0.639201 -0.563191  2 6 0 0.503839 1.663449 -0.196185  3 6 0 -0.887048 1.517383 -0.222727  4 6 0 -1.441517 0.279804 -0.612123  5 6 0 -0.575655 -0.748329 -0.976406  6 6 0 0.814887 -0.596462 -0.967502  7 6 0 -2.919273 0.052404 -0.701041  8 6 0 -3.610247 0.494722 -1.810561  9 6 0 -4.998105 0.272174 -1.950686  10 6 0 -5.693008 -0.394359 -0.973724  11 6 0 -5.030985 -0.864608 0.189339  12 6 0 -3.622862 -0.640737 0.335432  13 6 0 -2.983513 -1.108093 1.515406  14 6 0 -3.692230 -1.765659 2.491847  15 6 0 -5.079055 -1.992104 2.342047  16 6 0 -5.729972 -1.550418 1.216828  17 6 0 2.844611 0.868720 -0.380536  18 6 0 3.686700 -0.015854 0.383497  19 6 0 5.076920 0.309150 0.532671  20 6 0 5.578621 1.520231 -0.005911  21 6 0 4.736794 2.398183 -0.638612  22 6 0 3.375944 2.074575 -0.807269  23 6 0 3.205594 -1.168949 1.063652  24 6 0 4.049082 -1.983350 1.780578  25 6 0 5.428824 -1.694982 1.864909  26 6 0 5.924468 -0.567957 1.260199  27 6 0 -1.745409 2.642780 0.200807  28 7 0 -1.271050 3.783303 0.497076  29 6 0 -2.193866 4.817307 0.918861  30 6 0 1.648552 -1.682562 -1.529618  31 7 0 1.185759 -2.841941 -1.761563  32 6 0 2.070487 -3.820744 -2.360433  33 1 0 0.893396 2.608595 0.159681  34 1 0 -0.972944 -1.698250 -1.312345  35 1 0 -3.072448 1.015947 -2.594731  36 1 0 -5.507529 0.629069 -2.838684  37 1 0 -6.758582 -0.570935 -1.076501  38 1 0 -1.920964 -0.939356 1.637882  39 1 0 -3.185514 -2.114211 3.384751  40 1 0 -5.625994 -2.514256 3.119046  41 1 0 -6.795186 -1.718806 1.096710  42 1 0 6.632137 1.749683 0.113905  43 1 0 5.111468 3.340079 -1.022842  44 1 0 2.736762 2.767668 -1.341845  45 1 0 2.150508 -1.401865 1.033521  46 1 0 3.648910 -2.850276 2.294234  47 1 0 6.085944 -2.351642 2.423764  48 1 0 6.976536 -0.316046 1.344417  49 1 0 -2.821985 2.436210 0.251909  50 1 0 -3.245836 4.494729 0.932441  51 1 0 2.688467 -1.422090 -1.763710  52 1 0 3.087219 -3.443752 -2.546825  53 1 0 -1.915254 5.160109 1.920443  54 1 0 -2.095366 5.680659 0.253117  55 1 0 2.131312 -4.697251 -1.707662  56 1 0 1.639113 -4.163050 -3.306557 |
| TM\_NP\_model\_scan\_p\_80\_p\_150 | 1 6 0 1.379615 0.660003 -0.596330  2 6 0 0.487107 1.680290 -0.251912  3 6 0 -0.901553 1.520304 -0.273897  4 6 0 -1.444901 0.265905 -0.621974  5 6 0 -0.567349 -0.760734 -0.959835  6 6 0 0.821218 -0.592517 -0.961711  7 6 0 -2.920072 0.018947 -0.695632  8 6 0 -3.622425 0.418905 -1.814030  9 6 0 -5.008586 0.176969 -1.938409  10 6 0 -5.690185 -0.466405 -0.936902  11 6 0 -5.015988 -0.893518 0.235806  12 6 0 -3.609547 -0.650105 0.365897  13 6 0 -2.957741 -1.074663 1.555199  14 6 0 -3.653171 -1.710097 2.555583  15 6 0 -5.038378 -1.955626 2.421888  16 6 0 -5.701108 -1.555129 1.288153  17 6 0 2.837362 0.899942 -0.363592  18 6 0 3.688690 -0.020595 0.352744  19 6 0 5.068662 0.325055 0.553332  20 6 0 5.545723 1.593931 0.142229  21 6 0 4.685632 2.509074 -0.407184  22 6 0 3.340387 2.163398 -0.636149  23 6 0 3.227704 -1.223636 0.957071  24 6 0 4.081114 -2.068644 1.625352  25 6 0 5.455351 -1.765388 1.735834  26 6 0 5.930030 -0.587004 1.219681  27 6 0 -1.769581 2.649545 0.119054  28 7 0 -1.305586 3.802765 0.380404  29 6 0 -2.237263 4.840150 0.773297  30 6 0 1.654283 -1.671649 -1.541033  31 7 0 1.206695 -2.842325 -1.742802  32 6 0 2.086043 -3.808695 -2.369304  33 1 0 0.859699 2.636429 0.090831  34 1 0 -0.953450 -1.723541 -1.271209  35 1 0 -3.095272 0.921674 -2.617254  36 1 0 -5.527173 0.500648 -2.833800  37 1 0 -6.754348 -0.657610 -1.027359  38 1 0 -1.896327 -0.891020 1.665688  39 1 0 -3.137064 -2.026213 3.455158  40 1 0 -5.574742 -2.459801 3.217901  41 1 0 -6.765146 -1.738460 1.180163  42 1 0 6.590846 1.837651 0.300712  43 1 0 5.034915 3.497524 -0.682993  44 1 0 2.697231 2.889381 -1.119164  45 1 0 2.177468 -1.472289 0.915471  46 1 0 3.690863 -2.971086 2.082317  47 1 0 6.121982 -2.447759 2.250849  48 1 0 6.974813 -0.317423 1.334229  49 1 0 -2.844015 2.434338 0.178413  50 1 0 -3.286040 4.508082 0.799220  51 1 0 2.677967 -1.391905 -1.820660  52 1 0 3.083934 -3.410862 -2.607147  53 1 0 -1.959829 5.215728 1.763381  54 1 0 -2.148686 5.683914 0.081535  55 1 0 2.197939 -4.674378 -1.708827  56 1 0 1.620234 -4.174173 -3.290047 |
| TM\_NP\_model\_scan\_p\_80\_p\_160 | 1 6 0 1.380150 0.675439 -0.625523  2 6 0 0.468137 1.691980 -0.313476  3 6 0 -0.918023 1.517671 -0.331825  4 6 0 -1.449352 0.245677 -0.629468  5 6 0 -0.558652 -0.779488 -0.932622  6 6 0 0.827716 -0.594520 -0.945207  7 6 0 -2.921316 -0.021554 -0.688229  8 6 0 -3.632422 0.326776 -1.818391  9 6 0 -5.016134 0.064383 -1.927396  10 6 0 -5.686461 -0.547271 -0.898733  11 6 0 -5.002923 -0.921109 0.286637  12 6 0 -3.598842 -0.657149 0.401115  13 6 0 -2.937376 -1.028560 1.602830  14 6 0 -3.621505 -1.633094 2.629768  15 6 0 -5.004447 -1.898828 2.511821  16 6 0 -5.676299 -1.549380 1.366660  17 6 0 2.829350 0.931238 -0.342051  18 6 0 3.696816 -0.016338 0.326104  19 6 0 5.066745 0.347669 0.567760  20 6 0 5.511811 1.660240 0.278394  21 6 0 4.625243 2.598405 -0.181739  22 6 0 3.295952 2.233686 -0.462442  23 6 0 3.262877 -1.260872 0.863463  24 6 0 4.132692 -2.128861 1.479423  25 6 0 5.501828 -1.810544 1.603565  26 6 0 5.948970 -0.589702 1.168892  27 6 0 -1.796530 2.652589 0.019974  28 7 0 -1.343435 3.818777 0.239479  29 6 0 -2.284931 4.861558 0.593181  30 6 0 1.657916 -1.669941 -1.539482  31 7 0 1.222194 -2.848839 -1.716353  32 6 0 2.092896 -3.806337 -2.368049  33 1 0 0.819179 2.662531 0.008173  34 1 0 -0.931527 -1.756507 -1.214396  35 1 0 -3.114174 0.804178 -2.642617  36 1 0 -5.541836 0.347166 -2.832439  37 1 0 -6.748695 -0.753855 -0.977203  38 1 0 -1.877665 -0.828950 1.701522  39 1 0 -3.098223 -1.908958 3.538392  40 1 0 -5.531824 -2.378115 3.328932  41 1 0 -6.738626 -1.748542 1.270516  42 1 0 6.548613 1.917283 0.467256  43 1 0 4.941887 3.621057 -0.351853  44 1 0 2.645825 2.986124 -0.891275  45 1 0 2.217302 -1.524678 0.821107  46 1 0 3.757043 -3.060694 1.886958  47 1 0 6.183299 -2.511658 2.071810  48 1 0 6.986384 -0.302783 1.305819  49 1 0 -2.868970 2.429739 0.086133  50 1 0 -3.330580 4.520945 0.630523  51 1 0 2.665858 -1.375807 -1.859036  52 1 0 3.073159 -3.393776 -2.650032  53 1 0 -2.012063 5.275981 1.568916  54 1 0 -2.203348 5.679912 -0.129290  55 1 0 2.247048 -4.662787 -1.703970  56 1 0 1.597303 -4.189949 -3.265547 |
| TM\_NP\_model\_scan\_p\_90\_m\_0 | 1 6 0 -1.439174 0.485851 -0.359576  2 6 0 -0.808335 -0.767654 -0.271080  3 6 0 0.566079 -0.976327 -0.422771  4 6 0 1.416411 0.131793 -0.583324  5 6 0 0.830139 1.393718 -0.612528  6 6 0 -0.547840 1.595544 -0.500513  7 6 0 2.899357 0.002407 -0.743473  8 6 0 3.441261 -0.125712 -2.005539  9 6 0 4.836817 -0.232455 -2.199079  10 6 0 5.687279 -0.210584 -1.123178  11 6 0 5.180418 -0.078238 0.195193  12 6 0 3.765944 0.033098 0.395717  13 6 0 3.279128 0.166291 1.724013  14 6 0 4.140671 0.187042 2.794319  15 6 0 5.535195 0.076254 2.594645  16 6 0 6.040046 -0.052541 1.324293  17 6 0 -2.824265 0.597834 0.205387  18 6 0 -3.810876 -0.463324 0.067134  19 6 0 -5.090500 -0.308802 0.702973  20 6 0 -5.440515 0.927609 1.300372  21 6 0 -4.577984 1.986805 1.227903  22 6 0 -3.299899 1.821853 0.657659  23 6 0 -3.644490 -1.626196 -0.737562  24 6 0 -4.601029 -2.612809 -0.800733  25 6 0 -5.797999 -2.506023 -0.064364  26 6 0 -6.038900 -1.364288 0.655682  27 6 0 1.103861 -2.350575 -0.350045  28 7 0 0.350831 -3.369352 -0.259899  29 6 0 0.973819 -4.674901 -0.180700  30 6 0 -1.020435 2.970573 -0.798321  31 7 0 -0.317390 4.002121 -0.565568  32 6 0 -0.831223 5.287655 -0.994910  33 1 0 -1.373599 -1.646348 -0.005323  34 1 0 1.447535 2.272310 -0.751620  35 1 0 2.780715 -0.144863 -2.865226  36 1 0 5.228627 -0.330997 -3.205161  37 1 0 6.759801 -0.292220 -1.265395  38 1 0 2.212155 0.256602 1.885734  39 1 0 3.749588 0.291034 3.800145  40 1 0 6.203933 0.094967 3.447844  41 1 0 7.110016 -0.136248 1.164172  42 1 0 -6.411616 1.027371 1.773301  43 1 0 -4.853516 2.953874 1.632804  44 1 0 -2.621079 2.656939 0.744532  45 1 0 -2.765623 -1.732531 -1.354103  46 1 0 -4.433527 -3.475038 -1.436209  47 1 0 -6.534189 -3.300905 -0.100958  48 1 0 -6.979944 -1.231329 1.179213  49 1 0 2.197167 -2.443239 -0.378948  50 1 0 2.073020 -4.644719 -0.219446  51 1 0 -1.997151 3.043228 -1.296756  52 1 0 -1.818686 5.232189 -1.478490  53 1 0 0.664981 -5.163684 0.748754  54 1 0 0.605973 -5.299499 -1.000933  55 1 0 -0.894740 5.957759 -0.131819  56 1 0 -0.121685 5.742572 -1.693411 |
| TM\_NP\_model\_scan\_p\_90\_m\_10 | 1 6 0 -1.429255 0.439873 -0.278630  2 6 0 -0.795689 -0.808839 -0.173616  3 6 0 0.577485 -1.006398 -0.346731  4 6 0 1.410364 0.106945 -0.566516  5 6 0 0.813063 1.362413 -0.628825  6 6 0 -0.564332 1.554597 -0.487791  7 6 0 2.890684 -0.013931 -0.757859  8 6 0 3.404100 -0.181272 -2.027220  9 6 0 4.795756 -0.281098 -2.250309  10 6 0 5.671145 -0.213286 -1.196539  11 6 0 5.194068 -0.040479 0.128246  12 6 0 3.783586 0.063797 0.358556  13 6 0 3.326997 0.237174 1.692960  14 6 0 4.213220 0.302311 2.741098  15 6 0 5.603753 0.198671 2.511987  16 6 0 6.079799 0.032114 1.234937  17 6 0 -2.814539 0.562760 0.273729  18 6 0 -3.825676 -0.455877 0.061785  19 6 0 -5.116039 -0.292143 0.671146  20 6 0 -5.429734 0.911886 1.349862  21 6 0 -4.518745 1.932687 1.390754  22 6 0 -3.236011 1.760961 0.833067  23 6 0 -3.657985 -1.587796 -0.784482  24 6 0 -4.642449 -2.536918 -0.930543  25 6 0 -5.866680 -2.418170 -0.240982  26 6 0 -6.097876 -1.307890 0.530038  27 6 0 1.134593 -2.370893 -0.242028  28 7 0 0.397578 -3.394059 -0.090369  29 6 0 1.038895 -4.688809 0.014626  30 6 0 -1.076038 2.911619 -0.796235  31 7 0 -0.365637 3.955958 -0.663446  32 6 0 -0.929573 5.222375 -1.085904  33 1 0 -1.358521 -1.683597 0.115386  34 1 0 1.418680 2.240417 -0.815835  35 1 0 2.723820 -0.236416 -2.869791  36 1 0 5.164744 -0.410879 -3.261462  37 1 0 6.740826 -0.289338 -1.361440  38 1 0 2.263294 0.322738 1.877085  39 1 0 3.844835 0.436169 3.751955  40 1 0 6.292166 0.252719 3.347853  41 1 0 7.146515 -0.046466 1.052091  42 1 0 -6.409123 1.019199 1.803790  43 1 0 -4.763461 2.872348 1.872737  44 1 0 -2.519366 2.555138 0.988457  45 1 0 -2.750346 -1.697982 -1.358278  46 1 0 -4.476389 -3.379236 -1.592580  47 1 0 -6.627795 -3.182775 -0.347428  48 1 0 -7.052565 -1.172000 1.027489  49 1 0 2.227458 -2.452305 -0.302870  50 1 0 2.135702 -4.648071 -0.063205  51 1 0 -2.095696 2.958807 -1.202259  52 1 0 -1.956448 5.144065 -1.474710  53 1 0 0.768001 -5.146394 0.971406  54 1 0 0.650850 -5.347122 -0.769119  55 1 0 -0.920685 5.920704 -0.243087  56 1 0 -0.291388 5.658681 -1.860968 |
| TM\_NP\_model\_scan\_p\_90\_m\_20 | 1 6 0 -1.418846 0.395345 -0.195569  2 6 0 -0.782273 -0.847811 -0.073342  3 6 0 0.589274 -1.035759 -0.267743  4 6 0 1.403720 0.079469 -0.547731  5 6 0 0.794874 1.327365 -0.641924  6 6 0 -0.581079 1.511712 -0.471973  7 6 0 2.880384 -0.034298 -0.771308  8 6 0 3.364378 -0.242199 -2.046239  9 6 0 4.751161 -0.335140 -2.300467  10 6 0 5.651533 -0.218942 -1.272275  11 6 0 5.205239 -0.002891 0.056900  12 6 0 3.799704 0.093688 0.318681  13 6 0 3.374325 0.310611 1.657031  14 6 0 4.285365 0.424504 2.679405  15 6 0 5.670974 0.328795 2.419183  16 6 0 6.117194 0.120767 1.137455  17 6 0 -2.809002 0.528666 0.334592  18 6 0 -3.838685 -0.447386 0.053593  19 6 0 -5.139087 -0.273627 0.636472  20 6 0 -5.424251 0.893038 1.389305  21 6 0 -4.473834 1.868441 1.535106  22 6 0 -3.185737 1.690345 0.991558  23 6 0 -3.667232 -1.549463 -0.829604  24 6 0 -4.674264 -2.458386 -1.053632  25 6 0 -5.922370 -2.324276 -0.409808  26 6 0 -6.147878 -1.245872 0.407184  27 6 0 1.165270 -2.389586 -0.131830  28 7 0 0.445168 -3.414262 0.079214  29 6 0 1.104339 -4.697711 0.208965  30 6 0 -1.126316 2.853138 -0.785600  31 7 0 -0.414657 3.904292 -0.741760  32 6 0 -1.020199 5.155204 -1.152234  33 1 0 -1.342043 -1.718381 0.237866  34 1 0 1.388273 2.202673 -0.875311  35 1 0 2.664307 -0.334904 -2.869082  36 1 0 5.096513 -0.497891 -3.315196  37 1 0 6.717650 -0.289215 -1.461086  38 1 0 2.314541 0.390530 1.864601  39 1 0 3.940526 0.591102 3.693699  40 1 0 6.379192 0.421698 3.234846  41 1 0 7.179946 0.047889 0.930704  42 1 0 -6.411291 1.008187 1.824426  43 1 0 -4.694970 2.775588 2.085932  44 1 0 -2.438852 2.443400 1.205371  45 1 0 -2.734402 -1.667261 -1.361138  46 1 0 -4.508270 -3.281517 -1.739435  47 1 0 -6.703443 -3.056114 -0.582002  48 1 0 -7.115122 -1.105003 0.878309  49 1 0 2.256643 -2.461652 -0.223420  50 1 0 2.197741 -4.648277 0.095931  51 1 0 -2.176032 2.883390 -1.106524  52 1 0 -2.075205 5.061084 -1.451811  53 1 0 0.867972 -5.124653 1.188793  54 1 0 0.700157 -5.386812 -0.539369  55 1 0 -0.946156 5.877845 -0.333437  56 1 0 -0.451345 5.571633 -1.989752 |
| TM\_NP\_model\_scan\_p\_90\_m\_30 | 1 6 0 -1.408635 0.357384 -0.109359  2 6 0 -0.767200 -0.879146 0.028397  3 6 0 0.602223 -1.057740 -0.188957  4 6 0 1.396784 0.057637 -0.525640  5 6 0 0.774897 1.296508 -0.648643  6 6 0 -0.599078 1.472865 -0.450778  7 6 0 2.868843 -0.049515 -0.782215  8 6 0 3.323409 -0.294701 -2.061343  9 6 0 4.704379 -0.382296 -2.347146  10 6 0 5.628692 -0.223059 -1.346302  11 6 0 5.213087 0.032466 -0.014189  12 6 0 3.813487 0.123230 0.279512  13 6 0 3.419012 0.379485 1.620370  14 6 0 4.353752 0.536713 2.615216  15 6 0 5.733498 0.447273 2.323415  16 6 0 6.150105 0.201474 1.038420  17 6 0 -2.807098 0.496212 0.392889  18 6 0 -3.847566 -0.438991 0.041978  19 6 0 -5.157335 -0.262714 0.601209  20 6 0 -5.425059 0.858354 1.426548  21 6 0 -4.446862 1.785963 1.672605  22 6 0 -3.152406 1.608522 1.143609  23 6 0 -3.667801 -1.506580 -0.880469  24 6 0 -4.688750 -2.377316 -1.179151  25 6 0 -5.956580 -2.234487 -0.575653  26 6 0 -6.183178 -1.192464 0.287359  27 6 0 1.197151 -2.400508 -0.027947  28 7 0 0.494599 -3.425956 0.232767  29 6 0 1.171508 -4.698120 0.380942  30 6 0 -1.174991 2.800254 -0.764224  31 7 0 -0.467250 3.854321 -0.805899  32 6 0 -1.110727 5.092221 -1.197308  33 1 0 -1.322039 -1.746339 0.360282  34 1 0 1.354733 2.168370 -0.925170  35 1 0 2.604236 -0.421223 -2.862941  36 1 0 5.026205 -0.575175 -3.364331  37 1 0 6.690504 -0.288914 -1.559393  38 1 0 2.363791 0.454399 1.851618  39 1 0 4.032374 0.732924 3.631922  40 1 0 6.460645 0.574746 3.117477  41 1 0 7.208171 0.132935 0.807536  42 1 0 -6.419459 0.975964 1.843959  43 1 0 -4.653716 2.653989 2.288255  44 1 0 -2.384880 2.323484 1.412407  45 1 0 -2.713943 -1.627756 -1.373906  46 1 0 -4.519316 -3.177532 -1.890777  47 1 0 -6.750073 -2.934969 -0.810273  48 1 0 -7.161533 -1.051513 0.734913  49 1 0 2.286459 -2.463729 -0.146565  50 1 0 2.261193 -4.640010 0.239545  51 1 0 -2.247007 2.819002 -0.999140  52 1 0 -2.185925 4.986881 -1.408174  53 1 0 0.963994 -5.100917 1.377389  54 1 0 0.757073 -5.411615 -0.338395  55 1 0 -0.974891 5.835388 -0.405209  56 1 0 -0.613392 5.489505 -2.087984 |
| TM\_NP\_model\_scan\_p\_90\_m\_40 | 1 6 0 -1.399372 0.325675 -0.022521  2 6 0 -0.751216 -0.903505 0.128752  3 6 0 0.615504 -1.073277 -0.112604  4 6 0 1.388993 0.040711 -0.502754  5 6 0 0.753084 1.269643 -0.650536  6 6 0 -0.618189 1.438055 -0.424545  7 6 0 2.855534 -0.060847 -0.792491  8 6 0 3.280690 -0.340900 -2.074526  9 6 0 4.654937 -0.425474 -2.391999  10 6 0 5.602175 -0.228142 -1.419803  11 6 0 5.217199 0.064398 -0.086092  12 6 0 3.824486 0.151903 0.239655  13 6 0 3.460827 0.444929 1.581659  14 6 0 4.418322 0.640973 2.547580  15 6 0 5.791223 0.555294 2.224070  16 6 0 6.178260 0.273829 0.937134  17 6 0 -2.806691 0.462846 0.453928  18 6 0 -3.852057 -0.428446 0.025825  19 6 0 -5.170085 -0.262529 0.567536  20 6 0 -5.428860 0.797909 1.472498  21 6 0 -4.432812 1.673920 1.818819  22 6 0 -3.131809 1.508260 1.301466  23 6 0 -3.660985 -1.446652 -0.948238  24 6 0 -4.688864 -2.277509 -1.325401  25 6 0 -5.972400 -2.139136 -0.753590  26 6 0 -6.204724 -1.147728 0.166045  27 6 0 1.229258 -2.404663 0.070226  28 7 0 0.545273 -3.429292 0.379208  29 6 0 1.239647 -4.690055 0.542873  30 6 0 -1.222200 2.753277 -0.731732  31 7 0 -0.523224 3.806832 -0.856043  32 6 0 -1.200396 5.034927 -1.219992  33 1 0 -1.299247 -1.767865 0.480880  34 1 0 1.318209 2.137730 -0.966641  35 1 0 2.543133 -0.497772 -2.853736  36 1 0 4.953250 -0.646560 -3.410615  37 1 0 6.658979 -0.291519 -1.657150  38 1 0 2.410886 0.516514 1.836759  39 1 0 4.120387 0.865079 3.565671  40 1 0 6.536564 0.713672 2.995383  41 1 0 7.230929 0.207705 0.682133  42 1 0 -6.429749 0.909135 1.876021  43 1 0 -4.632752 2.491336 2.502321  44 1 0 -2.350607 2.183695 1.629254  45 1 0 -2.690186 -1.561563 -1.410547  46 1 0 -4.513626 -3.042887 -2.073040  47 1 0 -6.772424 -2.806702 -1.053104  48 1 0 -7.192436 -1.016455 0.595649  49 1 0 2.315548 -2.460318 -0.076423  50 1 0 2.324943 -4.624176 0.373718  51 1 0 -2.309512 2.765151 -0.878656  52 1 0 -2.288016 4.922267 -1.346071  53 1 0 1.060391 -5.069979 1.553670  54 1 0 0.816078 -5.425705 -0.148327  55 1 0 -1.007999 5.792808 -0.453909  56 1 0 -0.773975 5.417519 -2.152852 |
| TM\_NP\_model\_scan\_p\_90\_m\_50 | 1 6 0 -1.392050 0.294632 0.076760  2 6 0 -0.733015 -0.925766 0.237176  3 6 0 0.630134 -1.085062 -0.031384  4 6 0 1.379222 0.027728 -0.471958  5 6 0 0.727193 1.246160 -0.634527  6 6 0 -0.640095 1.404940 -0.375994  7 6 0 2.838006 -0.067131 -0.801636  8 6 0 3.227490 -0.375795 -2.088400  9 6 0 4.592360 -0.456000 -2.445050  10 6 0 5.566229 -0.225011 -1.507229  11 6 0 5.218367 0.098455 -0.170482  12 6 0 3.835192 0.181130 0.195027  13 6 0 3.509056 0.505296 1.539455  14 6 0 4.493096 0.735968 2.470466  15 6 0 5.856465 0.655319 2.107690  16 6 0 6.207506 0.343837 0.817356  17 6 0 -2.808344 0.418345 0.532829  18 6 0 -3.851964 -0.416327 0.006552  19 6 0 -5.180560 -0.277478 0.528641  20 6 0 -5.442042 0.694232 1.527754  21 6 0 -4.438403 1.508444 1.986621  22 6 0 -3.127996 1.371103 1.483238  23 6 0 -3.642093 -1.355330 -1.040019  24 6 0 -4.670023 -2.133084 -1.516506  25 6 0 -5.969704 -2.016187 -0.976109  26 6 0 -6.216020 -1.104665 0.019697  27 6 0 1.264837 -2.404117 0.167852  28 7 0 0.603297 -3.426703 0.528326  29 6 0 1.317099 -4.674967 0.703341  30 6 0 -1.271539 2.709444 -0.669079  31 7 0 -0.587973 3.758762 -0.883199  32 6 0 -1.296960 4.979019 -1.210368  33 1 0 -1.270291 -1.789263 0.608931  34 1 0 1.274729 2.111953 -0.985969  35 1 0 2.468524 -0.559254 -2.840765  36 1 0 4.862148 -0.700605 -3.466243  37 1 0 6.616059 -0.284732 -1.774569  38 1 0 2.466517 0.572914 1.824322  39 1 0 4.223667 0.983693 3.491036  40 1 0 6.623006 0.841204 2.851601  41 1 0 7.252665 0.281225 0.532368  42 1 0 -6.450705 0.786388 1.916546  43 1 0 -4.641185 2.254863 2.746290  44 1 0 -2.341476 2.000833 1.883035  45 1 0 -2.655194 -1.451023 -1.472712  46 1 0 -4.483202 -2.839756 -2.317248  47 1 0 -6.770604 -2.639984 -1.356714  48 1 0 -7.214382 -0.995557 0.430532  49 1 0 2.346299 -2.452462 -0.013065  50 1 0 2.395633 -4.602138 0.497638  51 1 0 -2.367556 2.718693 -0.715430  52 1 0 -2.391207 4.863762 -1.236950  53 1 0 1.174568 -5.029163 1.729224  54 1 0 0.880170 -5.433672 0.046215  55 1 0 -1.038634 5.751963 -0.479516  56 1 0 -0.955486 5.342906 -2.184738 |
| TM\_NP\_model\_scan\_p\_90\_m\_60 | 1 6 0 -1.384640 0.252973 0.178935  2 6 0 -0.708958 -0.956960 0.337207  3 6 0 0.650109 -1.099784 0.038022  4 6 0 1.370118 0.017024 -0.440491  5 6 0 0.697515 1.224071 -0.603994  6 6 0 -0.664885 1.366742 -0.311048  7 6 0 2.820289 -0.063029 -0.810349  8 6 0 3.176400 -0.386192 -2.103233  9 6 0 4.531189 -0.453132 -2.498726  10 6 0 5.528691 -0.194192 -1.593596  11 6 0 5.215485 0.145161 -0.252289  12 6 0 3.842504 0.214363 0.152601  13 6 0 3.551399 0.555001 1.501008  14 6 0 4.558913 0.813807 2.398911  15 6 0 5.912120 0.746331 1.997308  16 6 0 6.229552 0.419612 0.702091  17 6 0 -2.808521 0.351997 0.623019  18 6 0 -3.848330 -0.403143 -0.013568  19 6 0 -5.187558 -0.299234 0.488124  20 6 0 -5.456673 0.553275 1.588981  21 6 0 -4.449750 1.282655 2.168155  22 6 0 -3.129365 1.181764 1.680305  23 6 0 -3.618660 -1.233568 -1.144176  24 6 0 -4.644022 -1.936524 -1.729620  25 6 0 -5.958428 -1.848102 -1.219356  26 6 0 -6.220732 -1.044821 -0.137843  27 6 0 1.309654 -2.406267 0.238750  28 7 0 0.676258 -3.429865 0.644201  29 6 0 1.413107 -4.665152 0.815376  30 6 0 -1.325591 2.661177 -0.580295  31 7 0 -0.668411 3.706797 -0.878546  32 6 0 -1.408169 4.920036 -1.159889  33 1 0 -1.230428 -1.824664 0.722238  34 1 0 1.223564 2.092394 -0.981184  35 1 0 2.398394 -0.591393 -2.830089  36 1 0 4.774458 -0.709741 -3.523627  37 1 0 6.570991 -0.243558 -1.890846  38 1 0 2.516764 0.612650 1.815417  39 1 0 4.316090 1.073756 3.423119  40 1 0 6.697388 0.954311 2.715379  41 1 0 7.266680 0.366951 0.387329  42 1 0 -6.473255 0.620682 1.961945  43 1 0 -4.658392 1.935029 3.008552  44 1 0 -2.341408 1.748905 2.163176  45 1 0 -2.617641 -1.306207 -1.548997  46 1 0 -4.444503 -2.562497 -2.592090  47 1 0 -6.757680 -2.410863 -1.688380  48 1 0 -7.229164 -0.963067 0.254345  49 1 0 2.384117 -2.444323 0.018011  50 1 0 2.482029 -4.582442 0.567447  51 1 0 -2.421231 2.667591 -0.524886  52 1 0 -2.499603 4.803866 -1.079143  53 1 0 1.314286 -5.001273 1.852424  54 1 0 0.961999 -5.441972 0.189748  55 1 0 -1.082702 5.707012 -0.472092  56 1 0 -1.162254 5.264989 -2.169299 |
| TM\_NP\_model\_scan\_p\_90\_m\_70 | 1 6 0 -1.375869 0.188604 0.263582  2 6 0 -0.677272 -1.009683 0.398657  3 6 0 0.678073 -1.124147 0.069576  4 6 0 1.364578 0.008480 -0.421275  5 6 0 0.666102 1.203579 -0.563868  6 6 0 -0.691325 1.318152 -0.237028  7 6 0 2.807890 -0.042077 -0.822243  8 6 0 3.142918 -0.355322 -2.123138  9 6 0 4.490142 -0.395023 -2.547126  10 6 0 5.501253 -0.118787 -1.662452  11 6 0 5.209828 0.211508 -0.313989  12 6 0 3.844539 0.253305 0.119719  13 6 0 3.575348 0.585539 1.474767  14 6 0 4.596331 0.861740 2.352051  15 6 0 5.941868 0.820952 1.922112  16 6 0 6.238243 0.503272 0.619675  17 6 0 -2.802475 0.249841 0.712432  18 6 0 -3.846080 -0.382576 -0.037567  19 6 0 -5.188885 -0.330730 0.461432  20 6 0 -5.454351 0.349432 1.677445  21 6 0 -4.440221 0.959237 2.371257  22 6 0 -3.115716 0.908503 1.884784  23 6 0 -3.611484 -1.046233 -1.272339  24 6 0 -4.639786 -1.637723 -1.965774  25 6 0 -5.960151 -1.597710 -1.464119  26 6 0 -6.225201 -0.956950 -0.279337  27 6 0 1.367828 -2.417833 0.250074  28 7 0 0.766473 -3.452897 0.674844  29 6 0 1.531254 -4.674034 0.823318  30 6 0 -1.385008 2.603321 -0.460220  31 7 0 -0.766397 3.653023 -0.819947  32 6 0 -1.538380 4.859237 -1.037308  33 1 0 -1.177355 -1.890408 0.782777  34 1 0 1.167291 2.084131 -0.946625  35 1 0 2.353884 -0.574087 -2.833966  36 1 0 4.716761 -0.644622 -3.577556  37 1 0 6.537835 -0.147324 -1.981630  38 1 0 2.546617 0.622678 1.810887  39 1 0 4.370100 1.114830 3.381767  40 1 0 6.737899 1.042272 2.624162  41 1 0 7.269356 0.471159 0.283144  42 1 0 -6.473735 0.380742 2.047603  43 1 0 -4.646754 1.478775 3.300160  44 1 0 -2.322486 1.383052 2.451742  45 1 0 -2.603836 -1.080961 -1.666642  46 1 0 -4.438561 -2.138566 -2.906103  47 1 0 -6.761784 -2.071045 -2.019861  48 1 0 -7.237617 -0.916389 0.108990  49 1 0 2.435699 -2.435707 -0.002832  50 1 0 2.590331 -4.571582 0.542635  51 1 0 -2.471726 2.599657 -0.308339  52 1 0 -2.617211 4.734353 -0.859465  53 1 0 1.470658 -5.011270 1.862956  54 1 0 1.075712 -5.459543 0.211914  55 1 0 -1.159560 5.650971 -0.383110  56 1 0 -1.385993 5.202747 -2.065481 |
| TM\_NP\_model\_scan\_p\_90\_m\_80 | 1 6 0 -1.367226 0.089699 0.348020  2 6 0 -0.635720 -1.091998 0.435959  3 6 0 0.715589 -1.159826 0.076205  4 6 0 1.360262 0.003900 -0.397834  5 6 0 0.628524 1.184367 -0.488771  6 6 0 -0.723432 1.252380 -0.128991  7 6 0 2.795018 0.003260 -0.831796  8 6 0 3.108483 -0.265265 -2.147918  9 6 0 4.446227 -0.256079 -2.602645  10 6 0 5.469468 0.023738 -1.733258  11 6 0 5.200245 0.308793 -0.369848  12 6 0 3.844574 0.301675 0.094852  13 6 0 3.597560 0.589889 1.464108  14 6 0 4.630643 0.869647 2.326020  15 6 0 5.966633 0.876537 1.865688  16 6 0 6.241587 0.602690 0.548617  17 6 0 -2.796737 0.094356 0.797249  18 6 0 -3.842106 -0.365098 -0.066351  19 6 0 -5.191939 -0.365528 0.415673  20 6 0 -5.460137 0.087799 1.732663  21 6 0 -4.441817 0.526178 2.540355  22 6 0 -3.110278 0.529236 2.068519  23 6 0 -3.598667 -0.812722 -1.392807  24 6 0 -4.628118 -1.241614 -2.195634  25 6 0 -5.957456 -1.246409 -1.716312  26 6 0 -6.229584 -0.817493 -0.440856  27 6 0 1.443711 -2.438573 0.203749  28 7 0 0.881534 -3.500761 0.615066  29 6 0 1.682289 -4.704202 0.708782  30 6 0 -1.454082 2.527810 -0.273868  31 7 0 -0.883344 3.596125 -0.656865  32 6 0 -1.688932 4.793773 -0.779049  33 1 0 -1.106299 -1.997493 0.799150  34 1 0 1.099167 2.089710 -0.852058  35 1 0 2.309511 -0.486427 -2.846804  36 1 0 4.655763 -0.470977 -3.644447  37 1 0 6.498841 0.032771 -2.076048  38 1 0 2.576093 0.590405 1.823635  39 1 0 4.421261 1.088624 3.367056  40 1 0 6.772377 1.099915 2.555903  41 1 0 7.265241 0.607716 0.188620  42 1 0 -6.484747 0.081827 2.089450  43 1 0 -4.650558 0.870465 3.547002  44 1 0 -2.315385 0.873632 2.720736  45 1 0 -2.582870 -0.813800 -1.767761  46 1 0 -4.420982 -1.579441 -3.204846  47 1 0 -6.760238 -1.588673 -2.359661  48 1 0 -7.248327 -0.816712 -0.067199  49 1 0 2.504627 -2.420432 -0.076857  50 1 0 2.730512 -4.564888 0.404303  51 1 0 -2.525018 2.500926 -0.035671  52 1 0 -2.747818 4.645143 -0.519013  53 1 0 1.657900 -5.072331 1.739378  54 1 0 1.231984 -5.484220 0.086540  55 1 0 -1.271089 5.574680 -0.135638  56 1 0 -1.624757 5.166502 -1.806304 |
| TM\_NP\_model\_scan\_p\_90\_m\_90 | 1 6 0 -1.358547 0.036649 -0.393983  2 6 0 -0.592934 1.199210 -0.381980  3 6 0 0.754796 1.199580 -0.001544  4 6 0 1.359727 -0.015729 0.387082  5 6 0 0.594472 -1.178587 0.373758  6 6 0 -0.752960 -1.179091 -0.007474  7 6 0 2.787732 -0.091802 0.836661  8 6 0 3.091560 0.063173 2.173266  9 6 0 4.422363 -0.022633 2.640134  10 6 0 5.448409 -0.263635 1.762396  11 6 0 5.189135 -0.430803 0.377661  12 6 0 3.840555 -0.345824 -0.099378  13 6 0 3.603308 -0.515237 -1.490153  14 6 0 4.639124 -0.754792 -2.360785  15 6 0 5.968171 -0.838775 -1.888178  16 6 0 6.233596 -0.680784 -0.550284  17 6 0 -2.787637 0.113447 -0.839865  18 6 0 -3.841226 0.333408 0.103936  19 6 0 -5.191345 0.418179 -0.368676  20 6 0 -5.451372 0.284870 -1.756909  21 6 0 -4.424561 0.076793 -2.642165  22 6 0 -3.092245 -0.009100 -2.179675  23 6 0 -3.603003 0.470271 1.498157  24 6 0 -4.639451 0.677400 2.376282  25 6 0 -5.970166 0.760172 1.908145  26 6 0 -6.236485 0.634089 0.567068  27 6 0 1.519880 2.462682 -0.018637  28 7 0 0.997522 3.566961 -0.366793  29 6 0 1.832654 4.750486 -0.354758  30 6 0 -1.516882 -2.442954 0.004989  31 7 0 -0.996019 -3.546427 0.357839  32 6 0 -1.829406 -4.731093 0.338994  33 1 0 -1.034500 2.144224 -0.673682  34 1 0 1.035964 -2.123676 0.665382  35 1 0 2.290367 0.252015 2.879062  36 1 0 4.624421 0.102430 3.697952  37 1 0 6.472364 -0.331055 2.114772  38 1 0 2.587135 -0.456196 -1.859696  39 1 0 4.437277 -0.882152 -3.418411  40 1 0 6.776161 -1.029456 -2.585538  41 1 0 7.251833 -0.745203 -0.180716  42 1 0 -6.476491 0.351768 -2.105990  43 1 0 -4.627316 -0.022449 -3.702585  44 1 0 -2.290610 -0.172659 -2.891242  45 1 0 -2.585598 0.412315 1.864474  46 1 0 -4.436886 0.780047 3.436453  47 1 0 -6.778695 0.924926 2.611464  48 1 0 -7.255964 0.698228 0.200889  49 1 0 2.571969 2.394322 0.286362  50 1 0 2.867336 4.560299 -0.032033  51 1 0 -2.566530 -2.375981 -0.308628  52 1 0 -2.861518 -4.542412 0.007306  53 1 0 1.848699 5.188634 -1.357791  54 1 0 1.385492 5.499022 0.307116  55 1 0 -1.375522 -5.479213 -0.318759  56 1 0 -1.853487 -5.168939 1.341996 |
| TM\_NP\_model\_scan\_p\_90\_m\_100 | 1 6 0 -1.350359 0.172559 -0.379641  2 6 0 -0.550742 1.304827 -0.249902  3 6 0 0.796038 1.227559 0.126458  4 6 0 1.364750 -0.037465 0.389429  5 6 0 0.566454 -1.170597 0.256277  6 6 0 -0.779029 -1.093714 -0.123150  7 6 0 2.789084 -0.199809 0.826769  8 6 0 3.095178 -0.189354 2.171714  9 6 0 4.422785 -0.356248 2.625580  10 6 0 5.443507 -0.532603 1.726512  11 6 0 5.181624 -0.552516 0.332411  12 6 0 3.836144 -0.385485 -0.131617  13 6 0 3.596261 -0.408089 -1.531987  14 6 0 4.626574 -0.584994 -2.423869  15 6 0 5.952617 -0.749579 -1.964147  16 6 0 6.220471 -0.733664 -0.617593  17 6 0 -2.775219 0.340749 -0.810721  18 6 0 -3.848820 0.291908 0.135888  19 6 0 -5.192748 0.472651 -0.328156  20 6 0 -5.427529 0.702446 -1.708241  21 6 0 -4.381778 0.756407 -2.593899  22 6 0 -3.055783 0.576293 -2.140903  23 6 0 -3.637156 0.079059 1.524769  24 6 0 -4.692564 0.036841 2.403933  25 6 0 -6.017382 0.207148 1.942909  26 6 0 -6.258045 0.421817 0.608362  27 6 0 1.596214 2.464146 0.235728  28 7 0 1.102186 3.612686 0.011355  29 6 0 1.969852 4.765538 0.139210  30 6 0 -1.569769 -2.333331 -0.264542  31 7 0 -1.090012 -3.477285 0.008590  32 6 0 -1.942469 -4.634918 -0.168947  33 1 0 -0.965148 2.287434 -0.439034  34 1 0 0.981368 -2.153293 0.444229  35 1 0 2.298464 -0.051434 2.894159  36 1 0 4.626691 -0.344051 3.690343  37 1 0 6.465077 -0.660635 2.068837  38 1 0 2.582320 -0.286777 -1.892316  39 1 0 4.422681 -0.600247 -3.488649  40 1 0 6.756261 -0.889219 -2.678419  41 1 0 7.236425 -0.860213 -0.257997  42 1 0 -6.448405 0.838048 -2.049693  43 1 0 -4.564655 0.935916 -3.647346  44 1 0 -2.239497 0.618183 -2.853276  45 1 0 -2.624905 -0.045171 1.888844  46 1 0 -4.509042 -0.124702 3.460234  47 1 0 -6.841032 0.171716 2.647059  48 1 0 -7.272429 0.558860 0.248204  49 1 0 2.648313 2.336150 0.520796  50 1 0 3.001844 4.514623 0.427260  51 1 0 -2.599712 -2.212506 -0.623819  52 1 0 -2.950918 -4.391460 -0.535725  53 1 0 1.988711 5.307824 -0.811538  54 1 0 1.549754 5.450656 0.882491  55 1 0 -1.466268 -5.327308 -0.870495  56 1 0 -2.030072 -5.165689 0.784429 |
| TM\_NP\_model\_scan\_p\_90\_m\_110 | 1 6 0 -1.348695 0.279191 -0.380831  2 6 0 -0.522781 1.380722 -0.169797  3 6 0 0.822625 1.247030 0.194940  4 6 0 1.363636 -0.045479 0.364439  5 6 0 0.543110 -1.148053 0.140619  6 6 0 -0.799812 -1.014882 -0.230860  7 6 0 2.779424 -0.271445 0.801454  8 6 0 3.066162 -0.371319 2.147094  9 6 0 4.382587 -0.604981 2.603891  10 6 0 5.411615 -0.738574 1.706942  11 6 0 5.169453 -0.646121 0.312229  12 6 0 3.835301 -0.410031 -0.154996  13 6 0 3.615418 -0.320952 -1.555974  14 6 0 4.653954 -0.457188 -2.445512  15 6 0 5.968639 -0.690479 -1.982709  16 6 0 6.217099 -0.782591 -0.635531  17 6 0 -2.778132 0.514191 -0.756945  18 6 0 -3.847503 0.244769 0.159329  19 6 0 -5.195790 0.504429 -0.251849  20 6 0 -5.440535 1.035601 -1.544227  21 6 0 -4.399364 1.310576 -2.393402  22 6 0 -3.069583 1.051692 -1.994680  23 6 0 -3.628878 -0.250690 1.473344  24 6 0 -4.680265 -0.495978 2.323571  25 6 0 -6.009503 -0.257047 1.908728  26 6 0 -6.257338 0.234215 0.651029  27 6 0 1.648959 2.454228 0.397632  28 7 0 1.179202 3.627126 0.266708  29 6 0 2.071504 4.747647 0.482786  30 6 0 -1.603651 -2.225646 -0.497323  31 7 0 -1.156774 -3.395351 -0.284474  32 6 0 -2.014246 -4.520520 -0.596465  33 1 0 -0.918016 2.383577 -0.274852  34 1 0 0.938711 -2.150647 0.247797  35 1 0 2.262357 -0.269318 2.867619  36 1 0 4.571187 -0.678599 3.668996  37 1 0 6.424692 -0.918326 2.051228  38 1 0 2.610044 -0.147152 -1.918954  39 1 0 4.465249 -0.387721 -3.510935  40 1 0 6.778780 -0.797486 -2.695267  41 1 0 7.224139 -0.962631 -0.273724  42 1 0 -6.465058 1.227090 -1.845572  43 1 0 -4.589171 1.724100 -3.377445  44 1 0 -2.257533 1.265432 -2.680519  45 1 0 -2.614407 -0.428247 1.806868  46 1 0 -4.489421 -0.870840 3.322870  47 1 0 -6.830172 -0.456228 2.588640  48 1 0 -7.274691 0.429911 0.328237  49 1 0 2.698756 2.281274 0.667076  50 1 0 3.099403 4.453055 0.742640  51 1 0 -2.610165 -2.058904 -0.901148  52 1 0 -2.998116 -4.231578 -0.995466  53 1 0 2.097009 5.365975 -0.420181  54 1 0 1.669308 5.377453 1.282722  55 1 0 -1.510380 -5.164569 -1.324261  56 1 0 -2.159968 -5.121930 0.306450 |
| TM\_NP\_model\_scan\_p\_90\_m\_120 | 1 6 0 -1.345077 0.345593 -0.366644  2 6 0 -0.500807 1.424036 -0.107257  3 6 0 0.842657 1.256215 0.248111  4 6 0 1.365156 -0.049640 0.362761  5 6 0 0.528672 -1.129013 0.090240  6 6 0 -0.811874 -0.961592 -0.275528  7 6 0 2.777345 -0.314854 0.789150  8 6 0 3.062765 -0.475878 2.129143  9 6 0 4.375452 -0.749563 2.574378  10 6 0 5.402016 -0.861451 1.671664  11 6 0 5.161277 -0.705249 0.282381  12 6 0 3.831001 -0.428128 -0.173191  13 6 0 3.612728 -0.274096 -1.568808  14 6 0 4.649069 -0.387436 -2.464106  15 6 0 5.959793 -0.661970 -2.012855  16 6 0 6.206606 -0.817105 -0.671146  17 6 0 -2.776315 0.626345 -0.695344  18 6 0 -3.850138 0.200795 0.157094  19 6 0 -5.197001 0.531732 -0.206946  20 6 0 -5.437839 1.294395 -1.378094  21 6 0 -4.393088 1.729038 -2.152708  22 6 0 -3.066087 1.399275 -1.803594  23 6 0 -3.641083 -0.507186 1.372076  24 6 0 -4.697648 -0.896391 2.160016  25 6 0 -6.025125 -0.596803 1.781020  26 6 0 -6.264436 0.105701 0.626566  27 6 0 1.685323 2.441804 0.504221  28 7 0 1.233217 3.625890 0.420530  29 6 0 2.140098 4.723322 0.688209  30 6 0 -1.617778 -2.150094 -0.626217  31 7 0 -1.198094 -3.333282 -0.433800  32 6 0 -2.049572 -4.432829 -0.839918  33 1 0 -0.882774 2.436110 -0.158271  34 1 0 0.910974 -2.140684 0.149244  35 1 0 2.260775 -0.392334 2.854053  36 1 0 4.563109 -0.871504 3.635202  37 1 0 6.412076 -1.072210 2.007120  38 1 0 2.610345 -0.068408 -1.923311  39 1 0 4.461550 -0.267945 -3.525296  40 1 0 6.768162 -0.750606 -2.729929  41 1 0 7.210575 -1.029050 -0.318198  42 1 0 -6.461584 1.537163 -1.642810  43 1 0 -4.578006 2.323624 -3.040174  44 1 0 -2.252391 1.739100 -2.434294  45 1 0 -2.630013 -0.733046 1.684808  46 1 0 -4.511230 -1.432375 3.083863  47 1 0 -6.849964 -0.913304 2.409436  48 1 0 -7.279554 0.355256 0.335515  49 1 0 2.731023 2.241964 0.770854  50 1 0 3.162486 4.403375 0.939630  51 1 0 -2.597526 -1.954628 -1.079912  52 1 0 -3.006447 -4.113904 -1.279535  53 1 0 2.178699 5.379403 -0.187220  54 1 0 1.742867 5.323888 1.512752  55 1 0 -1.513483 -5.052548 -1.565850  56 1 0 -2.252049 -5.069416 0.027183 |
| TM\_NP\_model\_scan\_p\_90\_m\_130 | 1 6 0 -1.341476 0.390699 -0.363063  2 6 0 -0.482748 1.454612 -0.084027  3 6 0 0.858617 1.268125 0.267320  4 6 0 1.367119 -0.044312 0.366776  5 6 0 0.517925 -1.109804 0.080216  6 6 0 -0.819968 -0.923387 -0.285506  7 6 0 2.776850 -0.331168 0.786713  8 6 0 3.064786 -0.510635 2.123806  9 6 0 4.375466 -0.806089 2.561069  10 6 0 5.397409 -0.920744 1.653462  11 6 0 5.154107 -0.745015 0.266953  12 6 0 3.825972 -0.445642 -0.180562  13 6 0 3.605158 -0.271195 -1.573404  14 6 0 4.637052 -0.386277 -2.473595  15 6 0 5.945576 -0.683353 -2.030338  16 6 0 6.194763 -0.858434 -0.691508  17 6 0 -2.775632 0.697932 -0.648484  18 6 0 -3.852654 0.163970 0.140804  19 6 0 -5.199312 0.539340 -0.181502  20 6 0 -5.438743 1.461975 -1.231065  21 6 0 -4.391489 2.017406 -1.920215  22 6 0 -3.066632 1.642111 -1.616983  23 6 0 -3.651619 -0.679578 1.267995  24 6 0 -4.711649 -1.162918 1.996922  25 6 0 -6.038303 -0.831196 1.643644  26 6 0 -6.271243 0.006254 0.582057  27 6 0 1.713000 2.441573 0.540562  28 7 0 1.274080 3.631401 0.469432  29 6 0 2.191531 4.715661 0.754223  30 6 0 -1.621332 -2.099824 -0.686738  31 7 0 -1.226317 -3.289595 -0.483853  32 6 0 -2.065174 -4.374501 -0.951330  33 1 0 -0.853541 2.471599 -0.109461  34 1 0 0.889306 -2.126336 0.122567  35 1 0 2.266365 -0.425613 2.852469  36 1 0 4.565230 -0.942712 3.619725  37 1 0 6.405784 -1.148426 1.982882  38 1 0 2.604426 -0.047961 -1.921883  39 1 0 4.447635 -0.250686 -3.532513  40 1 0 6.750394 -0.773293 -2.751235  41 1 0 7.197102 -1.087534 -0.344691  42 1 0 -6.462569 1.734573 -1.464496  43 1 0 -4.573339 2.741222 -2.706513  44 1 0 -2.252772 2.074249 -2.187936  45 1 0 -2.643648 -0.932688 1.567424  46 1 0 -4.527591 -1.798108 2.856102  47 1 0 -6.866177 -1.225619 2.221947  48 1 0 -7.284783 0.288609 0.316661  49 1 0 2.755419 2.227135 0.808663  50 1 0 3.209468 4.381625 1.005366  51 1 0 -2.571955 -1.888719 -1.192553  52 1 0 -2.990839 -4.039195 -1.442469  53 1 0 2.240552 5.382192 -0.112733  54 1 0 1.797670 5.310054 1.584832  55 1 0 -1.494804 -4.993023 -1.651680  56 1 0 -2.325807 -5.017498 -0.104740 |
| TM\_NP\_model\_scan\_p\_90\_m\_140 | 1 6 0 -1.341876 0.424949 -0.386249  2 6 0 -0.470379 1.480489 -0.106338  3 6 0 0.868920 1.285118 0.245351  4 6 0 1.365669 -0.030445 0.358876  5 6 0 0.507334 -1.088696 0.074446  6 6 0 -0.827136 -0.892760 -0.298111  7 6 0 2.770057 -0.327328 0.788923  8 6 0 3.048121 -0.498398 2.129246  9 6 0 4.353096 -0.803304 2.576919  10 6 0 5.379140 -0.936293 1.676468  11 6 0 5.145828 -0.770366 0.287038  12 6 0 3.823557 -0.461158 -0.171039  13 6 0 3.612674 -0.297227 -1.566692  14 6 0 4.648485 -0.431671 -2.459685  15 6 0 5.951193 -0.738435 -2.006013  16 6 0 6.190771 -0.903582 -0.664170  17 6 0 -2.782549 0.747737 -0.617994  18 6 0 -3.853178 0.132711 0.125409  19 6 0 -5.203955 0.539442 -0.141343  20 6 0 -5.455692 1.583194 -1.066301  21 6 0 -4.414541 2.229160 -1.681428  22 6 0 -3.088458 1.819204 -1.441035  23 6 0 -3.647254 -0.811553 1.169245  24 6 0 -4.701839 -1.371737 1.849491  25 6 0 -6.031884 -1.020642 1.531021  26 6 0 -6.271072 -0.078420 0.563374  27 6 0 1.732063 2.453727 0.512554  28 7 0 1.303862 3.646656 0.429577  29 6 0 2.229650 4.725374 0.708435  30 6 0 -1.617318 -2.064956 -0.735939  31 7 0 -1.239404 -3.257559 -0.518930  32 6 0 -2.059896 -4.335818 -1.032254  33 1 0 -0.830405 2.501162 -0.122804  34 1 0 0.869428 -2.108441 0.119678  35 1 0 2.246249 -0.398996 2.852276  36 1 0 4.535165 -0.932615 3.637842  37 1 0 6.383150 -1.171420 2.013896  38 1 0 2.616416 -0.066662 -1.923185  39 1 0 4.466632 -0.304052 -3.520914  40 1 0 6.759147 -0.843708 -2.721303  41 1 0 7.188586 -1.140037 -0.309343  42 1 0 -6.482297 1.877663 -1.256765  43 1 0 -4.602331 3.050514 -2.363535  44 1 0 -2.284397 2.320964 -1.966724  45 1 0 -2.639128 -1.081619 1.449806  46 1 0 -4.509082 -2.082001 2.645649  47 1 0 -6.855935 -1.478225 2.066637  48 1 0 -7.286245 0.227400 0.332481  49 1 0 2.771607 2.232538 0.786279  50 1 0 3.243761 4.384634 0.965909  51 1 0 -2.540747 -1.846305 -1.287194  52 1 0 -2.955060 -3.993174 -1.572416  53 1 0 2.287503 5.384050 -0.163955  54 1 0 1.838243 5.330128 1.532681  55 1 0 -1.457372 -4.958447 -1.701265  56 1 0 -2.371277 -4.976922 -0.201494 |
| TM\_NP\_model\_scan\_p\_90\_p\_20 | 1 6 0 -1.428223 0.433511 -0.139283  2 6 0 -0.784623 -0.779758 -0.422106  3 6 0 0.598348 -0.902188 -0.585500  4 6 0 1.402689 0.253230 -0.529642  5 6 0 0.779482 1.472440 -0.281418  6 6 0 -0.601019 1.590785 -0.091328  7 6 0 2.883439 0.220001 -0.752754  8 6 0 3.383255 0.382052 -2.028224  9 6 0 4.773659 0.375010 -2.279512  10 6 0 5.661604 0.203973 -1.248160  11 6 0 5.198541 0.032625 0.081766  12 6 0 3.789220 0.039977 0.340958  13 6 0 3.346933 -0.135405 1.679844  14 6 0 4.245328 -0.307697 2.705289  15 6 0 5.634783 -0.313311 2.447732  16 6 0 6.097157 -0.146496 1.165716  17 6 0 -2.912400 0.494640 -0.300548  18 6 0 -3.787778 -0.533254 0.220416  19 6 0 -5.200568 -0.426693 -0.012525  20 6 0 -5.725671 0.725161 -0.650265  21 6 0 -4.893677 1.750130 -1.014470  22 6 0 -3.502583 1.637889 -0.818356  23 6 0 -3.345736 -1.623230 1.020959  24 6 0 -4.217242 -2.582076 1.481040  25 6 0 -5.591967 -2.514186 1.172158  26 6 0 -6.069089 -1.449755 0.450680  27 6 0 1.185481 -2.231649 -0.851986  28 7 0 0.481575 -3.288047 -0.892077  29 6 0 1.149644 -4.544363 -1.163882  30 6 0 -1.108592 2.910691 0.350692  31 7 0 -0.488322 3.993506 0.113835  32 6 0 -1.024410 5.220771 0.667659  33 1 0 -1.362238 -1.678706 -0.583377  34 1 0 1.369543 2.377916 -0.212980  35 1 0 2.692958 0.520432 -2.852818  36 1 0 5.131590 0.507071 -3.294312  37 1 0 6.730422 0.198066 -1.434606  38 1 0 2.283770 -0.129020 1.885821  39 1 0 3.887757 -0.439051 3.720396  40 1 0 6.333021 -0.448873 3.266017  41 1 0 7.162882 -0.149076 0.961485  42 1 0 -6.795221 0.789042 -0.819962  43 1 0 -5.292285 2.646585 -1.475621  44 1 0 -2.874465 2.429666 -1.204143  45 1 0 -2.305150 -1.691950 1.301678  46 1 0 -3.843031 -3.393310 2.095288  47 1 0 -6.266953 -3.285134 1.526139  48 1 0 -7.129518 -1.359058 0.239411  49 1 0 2.270867 -2.256016 -1.012927  50 1 0 2.236795 -4.447627 -1.303698  51 1 0 -2.034196 2.896542 0.941452  52 1 0 -1.952658 5.080527 1.242481  53 1 0 0.958010 -5.239062 -0.339948  54 1 0 0.714736 -4.994950 -2.061726  55 1 0 -0.272703 5.679877 1.317688  56 1 0 -1.212604 5.930953 -0.143751 |
| TM\_NP\_model\_scan\_p\_90\_p\_30 | 1 6 0 -1.426407 0.403229 -0.226549  2 6 0 -0.768339 -0.796300 -0.523659  3 6 0 0.619057 -0.893253 -0.664567  4 6 0 1.405494 0.271427 -0.548055  5 6 0 0.763161 1.474674 -0.272445  6 6 0 -0.623716 1.569369 -0.112552  7 6 0 2.891921 0.263752 -0.734406  8 6 0 3.422585 0.475732 -1.989922  9 6 0 4.819067 0.495736 -2.204141  10 6 0 5.682093 0.300487 -1.156057  11 6 0 5.186913 0.075989 0.154262  12 6 0 3.771352 0.056097 0.375828  13 6 0 3.296652 -0.173966 1.695219  14 6 0 4.170114 -0.373028 2.737216  15 6 0 5.565747 -0.351471 2.516827  16 6 0 6.059218 -0.131385 1.254566  17 6 0 -2.912206 0.451380 -0.359870  18 6 0 -3.770384 -0.542999 0.237714  19 6 0 -5.187817 -0.451138 0.032349  20 6 0 -5.725194 0.646377 -0.686229  21 6 0 -4.900833 1.632209 -1.161789  22 6 0 -3.505977 1.538137 -0.981649  23 6 0 -3.298282 -1.589008 1.077981  24 6 0 -4.154814 -2.517131 1.620905  25 6 0 -5.540487 -2.457503 1.359943  26 6 0 -6.041638 -1.438967 0.589684  27 6 0 1.232386 -2.204510 -0.960363  28 7 0 0.544719 -3.267797 -1.058502  29 6 0 1.238276 -4.505224 -1.352121  30 6 0 -1.176440 2.869233 0.331267  31 7 0 -0.550678 3.963155 0.171883  32 6 0 -1.141284 5.171285 0.711686  33 1 0 -1.336398 -1.698675 -0.704837  34 1 0 1.340885 2.383780 -0.160302  35 1 0 2.752299 0.634104 -2.827336  36 1 0 5.201584 0.667885 -3.203862  37 1 0 6.755378 0.315078 -1.314270  38 1 0 2.228519 -0.188281 1.873210  39 1 0 3.787866 -0.546545 3.736883  40 1 0 6.244137 -0.508601 3.347848  41 1 0 7.129856 -0.113327 1.078774  42 1 0 -6.798325 0.699507 -0.836065  43 1 0 -5.310461 2.482993 -1.694338  44 1 0 -2.878334 2.297365 -1.430888  45 1 0 -2.245339 -1.647556 1.313843  46 1 0 -3.761682 -3.298085 2.262025  47 1 0 -6.204205 -3.202530 1.783925  48 1 0 -7.108313 -1.361230 0.406620  49 1 0 2.322244 -2.209298 -1.089741  50 1 0 2.327279 -4.388963 -1.459021  51 1 0 -2.145475 2.831650 0.845667  52 1 0 -2.110232 5.009138 1.208143  53 1 0 1.034986 -5.228657 -0.556150  54 1 0 0.834218 -4.932782 -2.275266  55 1 0 -0.447486 5.620284 1.429641  56 1 0 -1.272589 5.899871 -0.094601 |
| TM\_NP\_model\_scan\_p\_90\_p\_40 | 1 6 0 -1.425796 0.377789 -0.308972  2 6 0 -0.754836 -0.809731 -0.615754  3 6 0 0.636370 -0.886015 -0.731536  4 6 0 1.406078 0.284680 -0.563532  5 6 0 0.746807 1.472927 -0.264022  6 6 0 -0.644740 1.547669 -0.131780  7 6 0 2.896295 0.298205 -0.718578  8 6 0 3.450014 0.553135 -1.956035  9 6 0 4.850204 0.596253 -2.140414  10 6 0 5.693940 0.381395 -1.080538  11 6 0 5.174862 0.113780 0.212297  12 6 0 3.755361 0.070248 0.403555  13 6 0 3.256816 -0.202448 1.705922  14 6 0 4.111216 -0.419868 2.759996  15 6 0 5.510682 -0.375110 2.569479  16 6 0 6.027001 -0.113816 1.324334  17 6 0 -2.913763 0.412805 -0.414530  18 6 0 -3.753141 -0.544018 0.257763  19 6 0 -5.173807 -0.473189 0.070408  20 6 0 -5.726112 0.559951 -0.728272  21 6 0 -4.913212 1.500506 -1.306023  22 6 0 -3.515210 1.428788 -1.137831  23 6 0 -3.252985 -1.537615 1.143581  24 6 0 -4.092257 -2.433558 1.761663  25 6 0 -5.485057 -2.388948 1.534704  26 6 0 -6.009899 -1.423657 0.712953  27 6 0 1.273226 -2.181545 -1.045837  28 7 0 0.601410 -3.249659 -1.190555  29 6 0 1.318094 -4.471245 -1.494880  30 6 0 -1.236368 2.830231 0.309197  31 7 0 -0.607862 3.930944 0.223141  32 6 0 -1.246461 5.123066 0.743312  33 1 0 -1.313654 -1.715022 -0.814437  34 1 0 1.312891 2.383793 -0.113163  35 1 0 2.795164 0.727624 -2.802417  36 1 0 5.250982 0.801851 -3.126578  37 1 0 6.769971 0.413513 -1.215904  38 1 0 2.185550 -0.234414 1.861408  39 1 0 3.710770 -0.625776 3.746304  40 1 0 6.173880 -0.547072 3.409769  41 1 0 7.100694 -0.077872 1.171429  42 1 0 -6.801806 0.598587 -0.863696  43 1 0 -5.335612 2.297476 -1.907459  44 1 0 -2.891745 2.153552 -1.647401  45 1 0 -2.191666 -1.581302 1.345483  46 1 0 -3.681226 -3.177773 2.434483  47 1 0 -6.135440 -3.106986 2.021331  48 1 0 -7.080813 -1.363786 0.548933  49 1 0 2.366159 -2.170559 -1.145511  50 1 0 2.407864 -4.339067 -1.571093  51 1 0 -2.240980 2.775366 0.747358  52 1 0 -2.248020 4.943655 1.163056  53 1 0 1.104148 -5.215365 -0.721050  54 1 0 0.943011 -4.882361 -2.437502  55 1 0 -0.611090 5.560992 1.519801  56 1 0 -1.323804 5.867973 -0.055024 |
| TM\_NP\_model\_scan\_p\_90\_p\_50 | 1 6 0 -1.427274 0.357476 -0.399440  2 6 0 -0.740939 -0.817613 -0.712258  3 6 0 0.653521 -0.874247 -0.799300  4 6 0 1.404706 0.301477 -0.583244  5 6 0 0.726523 1.474733 -0.267616  6 6 0 -0.669129 1.530090 -0.166460  7 6 0 2.898037 0.334096 -0.703828  8 6 0 3.475978 0.626543 -1.921766  9 6 0 4.879313 0.687133 -2.074463  10 6 0 5.702014 0.452169 -1.002386  11 6 0 5.157709 0.147337 0.271661  12 6 0 3.734824 0.086582 0.430912  13 6 0 3.211094 -0.222129 1.715233  14 6 0 4.044643 -0.457894 2.781987  15 6 0 5.447427 -0.396791 2.622884  16 6 0 5.987844 -0.100603 1.395925  17 6 0 -2.917806 0.369216 -0.481418  18 6 0 -3.728576 -0.540571 0.279733  19 6 0 -5.152464 -0.509130 0.109714  20 6 0 -5.731066 0.434285 -0.776813  21 6 0 -4.940947 1.322018 -1.461063  22 6 0 -3.539425 1.289345 -1.306362  23 6 0 -3.191897 -1.453788 1.227937  24 6 0 -4.003927 -2.308121 1.934524  25 6 0 -5.402378 -2.297766 1.737388  26 6 0 -5.959977 -1.412964 0.848993  27 6 0 1.314216 -2.154646 -1.125730  28 7 0 0.659131 -3.225753 -1.317577  29 6 0 1.398747 -4.432269 -1.626942  30 6 0 -1.298394 2.796413 0.266336  31 7 0 -0.667170 3.899023 0.269515  32 6 0 -1.354447 5.075798 0.761502  33 1 0 -1.288413 -1.726491 -0.928056  34 1 0 1.278999 2.387379 -0.081032  35 1 0 2.837887 0.816321 -2.777607  36 1 0 5.299297 0.921736 -3.046054  37 1 0 6.780374 0.496990 -1.113427  38 1 0 2.137079 -0.266579 1.846730  39 1 0 3.625036 -0.690924 3.754198  40 1 0 6.094008 -0.583707 3.472878  41 1 0 7.064199 -0.051757 1.267249  42 1 0 -6.809093 0.445171 -0.898330  43 1 0 -5.385048 2.046340 -2.134467  44 1 0 -2.930200 1.974512 -1.884493  45 1 0 -2.124049 -1.468584 1.400023  46 1 0 -3.567995 -2.993189 2.652935  47 1 0 -6.031508 -2.981453 2.296112  48 1 0 -7.034739 -1.385009 0.702279  49 1 0 2.409535 -2.130073 -1.190543  50 1 0 2.488645 -4.286322 -1.668219  51 1 0 -2.338076 2.729285 0.610189  52 1 0 -2.388416 4.883069 1.085789  53 1 0 1.171182 -5.195214 -0.875607  54 1 0 1.056025 -4.827343 -2.588543  55 1 0 -0.792108 5.495050 1.601981  56 1 0 -1.364062 5.840838 -0.021388 |
| TM\_NP\_model\_scan\_p\_90\_p\_60 | 1 6 0 -1.428351 0.319947 -0.490299  2 6 0 -0.720744 -0.842490 -0.796611  3 6 0 0.676410 -0.875740 -0.852793  4 6 0 1.403398 0.308728 -0.601289  5 6 0 0.701036 1.467283 -0.284568  6 6 0 -0.697831 1.499583 -0.218179  7 6 0 2.898489 0.365340 -0.689463  8 6 0 3.496370 0.686414 -1.890446  9 6 0 4.901437 0.768718 -2.014171  10 6 0 5.706016 0.526409 -0.930055  11 6 0 5.140860 0.193021 0.327649  12 6 0 3.716024 0.110966 0.457700  13 6 0 3.171492 -0.225159 1.726384  14 6 0 3.987115 -0.467463 2.805472  15 6 0 5.391831 -0.385997 2.674985  16 6 0 5.952102 -0.062787 1.463865  17 6 0 -2.920986 0.299787 -0.563710  18 6 0 -3.705822 -0.529992 0.304317  19 6 0 -5.131176 -0.544310 0.148353  20 6 0 -5.733298 0.269234 -0.844855  21 6 0 -4.964636 1.073785 -1.646827  22 6 0 -3.561151 1.088295 -1.500943  23 6 0 -3.137789 -1.322721 1.338557  24 6 0 -3.925458 -2.101030 2.152230  25 6 0 -5.327330 -2.130145 1.980266  26 6 0 -5.912981 -1.365646 1.002428  27 6 0 1.365601 -2.140848 -1.179439  28 7 0 0.732508 -3.217122 -1.412057  29 6 0 1.499294 -4.407706 -1.716840  30 6 0 -1.367934 2.751956 0.190496  31 7 0 -0.743263 3.854381 0.283307  32 6 0 -1.479428 5.019394 0.729941  33 1 0 -1.251991 -1.758479 -1.024053  34 1 0 1.234922 2.385594 -0.073124  35 1 0 2.872717 0.881307 -2.755731  36 1 0 5.337152 1.025377 -2.973176  37 1 0 6.785653 0.587320 -1.018742  38 1 0 2.095790 -0.285167 1.835875  39 1 0 3.551759 -0.721375 3.765452  40 1 0 6.024119 -0.578543 3.534426  41 1 0 7.030024 0.002082 1.357290  42 1 0 -6.812306 0.246812 -0.955801  43 1 0 -5.427548 1.696730 -2.403813  44 1 0 -2.966985 1.711735 -2.159671  45 1 0 -2.065835 -1.306379 1.485781  46 1 0 -3.468585 -2.696329 2.934792  47 1 0 -5.937001 -2.751812 2.626252  48 1 0 -6.989963 -1.373197 0.870159  49 1 0 2.462013 -2.100354 -1.207162  50 1 0 2.587759 -4.246050 -1.718777  51 1 0 -2.436250 2.675456 0.428044  52 1 0 -2.540382 4.819421 0.943586  53 1 0 1.257589 -5.186745 -0.986747  54 1 0 1.194707 -4.790578 -2.696061  55 1 0 -1.005685 5.419507 1.632100  56 1 0 -1.411740 5.801902 -0.032574 |
| TM\_NP\_model\_scan\_p\_90\_p\_70 | 1 6 0 -1.425775 0.243943 -0.570830  2 6 0 -0.691670 -0.909428 -0.841175  3 6 0 0.707370 -0.914046 -0.868797  4 6 0 1.404312 0.288820 -0.618728  5 6 0 0.672912 1.437352 -0.331958  6 6 0 -0.727489 1.441145 -0.297432  7 6 0 2.899282 0.376274 -0.683675  8 6 0 3.508182 0.697147 -1.879196  9 6 0 4.912821 0.808009 -1.983345  10 6 0 5.706154 0.594558 -0.884966  11 6 0 5.129435 0.262787 0.367892  12 6 0 3.704817 0.152035 0.478077  13 6 0 3.148732 -0.181435 1.742409  14 6 0 3.953182 -0.394716 2.835911  15 6 0 5.357704 -0.285318 2.724928  16 6 0 5.928954 0.036411 1.518574  17 6 0 -2.919337 0.188209 -0.649380  18 6 0 -3.694441 -0.500398 0.339162  19 6 0 -5.118654 -0.560407 0.186306  20 6 0 -5.726809 0.066999 -0.930854  21 6 0 -4.964752 0.731377 -1.857901  22 6 0 -3.561707 0.790890 -1.712919  23 6 0 -3.113905 -1.114034 1.482129  24 6 0 -3.891526 -1.762421 2.411117  25 6 0 -5.293571 -1.832512 2.250105  26 6 0 -5.889818 -1.242476 1.163530  27 6 0 1.429425 -2.168587 -1.163003  28 7 0 0.823812 -3.259535 -1.400483  29 6 0 1.621661 -4.437774 -1.671602  30 6 0 -1.440329 2.685980 0.056103  31 7 0 -0.837059 3.795112 0.196907  32 6 0 -1.620458 4.954720 0.571088  33 1 0 -1.201331 -1.840316 -1.057944  34 1 0 1.183630 2.369718 -0.124638  35 1 0 2.893519 0.869176 -2.755690  36 1 0 5.357166 1.063511 -2.938696  37 1 0 6.785464 0.677447 -0.958472  38 1 0 2.072994 -0.262631 1.836683  39 1 0 3.509126 -0.647113 3.792295  40 1 0 5.981083 -0.455231 3.595569  41 1 0 7.006744 0.122802 1.426956  42 1 0 -6.805121 0.013301 -1.038094  43 1 0 -5.432633 1.209346 -2.711165  44 1 0 -2.971252 1.307087 -2.461754  45 1 0 -2.040849 -1.064690 1.616134  46 1 0 -3.427508 -2.223425 3.275822  47 1 0 -5.895204 -2.349912 2.988897  48 1 0 -6.966538 -1.286242 1.036282  49 1 0 2.525211 -2.106818 -1.162635  50 1 0 2.706429 -4.254743 -1.645265  51 1 0 -2.524194 2.598282 0.202962  52 1 0 -2.693725 4.744707 0.693968  53 1 0 1.374904 -5.214204 -0.940445  54 1 0 1.351849 -4.836077 -2.654873  55 1 0 -1.229902 5.365028 1.507856  56 1 0 -1.495340 5.733337 -0.188143 |
| TM\_NP\_model\_scan\_p\_90\_p\_80 | 1 6 0 -1.420289 0.112063 -0.661170  2 6 0 -0.654492 -1.037412 -0.839924  3 6 0 0.745082 -1.007044 -0.844050  4 6 0 1.406570 0.227482 -0.661944  5 6 0 0.641642 1.374315 -0.470328  6 6 0 -0.758686 1.343685 -0.463221  7 6 0 2.900154 0.348957 -0.700602  8 6 0 3.529568 0.603617 -1.901382  9 6 0 4.933195 0.743825 -1.981399  10 6 0 5.704846 0.627160 -0.853436  11 6 0 5.106511 0.366360 0.406031  12 6 0 3.682866 0.225049 0.491393  13 6 0 3.104891 -0.036855 1.762693  14 6 0 3.887544 -0.153105 2.886180  15 6 0 5.291096 -0.013106 2.799778  16 6 0 5.883215 0.240897 1.587365  17 6 0 -2.913487 0.007642 -0.729607  18 6 0 -3.675330 -0.446488 0.394061  19 6 0 -5.099037 -0.556631 0.269521  20 6 0 -5.718190 -0.213620 -0.959633  21 6 0 -4.966948 0.221650 -2.021610  22 6 0 -3.563755 0.331915 -1.902719  23 6 0 -3.078684 -0.784073 1.638807  24 6 0 -3.842505 -1.212373 2.697649  25 6 0 -5.245311 -1.326244 2.570416  26 6 0 -5.855914 -1.004560 1.383618  27 6 0 1.503310 -2.258994 -1.042174  28 7 0 0.929222 -3.377908 -1.220620  29 6 0 1.760697 -4.550176 -1.401815  30 6 0 -1.514056 2.592049 -0.233354  31 7 0 -0.939892 3.718897 -0.114097  32 6 0 -1.766496 4.883900 0.126267  33 1 0 -1.137628 -1.994521 -0.994307  34 1 0 1.125099 2.332076 -0.321490  35 1 0 2.932164 0.699673 -2.801121  36 1 0 5.394044 0.945291 -2.941851  37 1 0 6.783202 0.733531 -0.908319  38 1 0 2.029651 -0.141097 1.837744  39 1 0 3.426903 -0.352189 3.847298  40 1 0 5.897134 -0.106264 3.693940  41 1 0 6.960357 0.350100 1.514391  42 1 0 -6.796201 -0.301774 -1.044922  43 1 0 -5.443741 0.480982 -2.960153  44 1 0 -2.982161 0.671018 -2.752735  45 1 0 -2.004293 -0.701182 1.744545  46 1 0 -3.367407 -1.465790 3.638728  47 1 0 -5.836161 -1.667295 3.413078  48 1 0 -6.932851 -1.087443 1.279704  49 1 0 2.597056 -2.169581 -1.025839  50 1 0 2.839957 -4.338858 -1.363665  51 1 0 -2.604764 2.491954 -0.164254  52 1 0 -2.843095 4.661665 0.176721  53 1 0 1.515623 -5.286962 -0.630216  54 1 0 1.522946 -5.013766 -2.364580  55 1 0 -1.457309 5.355860 1.064356  56 1 0 -1.591871 5.618339 -0.666466 |
| TM\_NP\_model\_scan\_p\_90\_p\_90 | 1 6 0 1.411128 0.095655 -0.703103  2 6 0 0.614655 1.237353 -0.699811  3 6 0 -0.784028 1.169641 -0.698882  4 6 0 -1.411076 -0.095543 -0.703017  5 6 0 -0.614591 -1.237271 -0.699982  6 6 0 0.784064 -1.169582 -0.699098  7 6 0 -2.901549 -0.250648 -0.742464  8 6 0 -3.544679 -0.333471 -1.960008  9 6 0 -4.945105 -0.501829 -2.042434  10 6 0 -5.699603 -0.586364 -0.900106  11 6 0 -5.086585 -0.508397 0.376802  12 6 0 -3.666180 -0.338907 0.464455  13 6 0 -3.073234 -0.262754 1.753476  14 6 0 -3.838864 -0.348286 2.891390  15 6 0 -5.239199 -0.515939 2.802618  16 6 0 -5.845419 -0.594218 1.573166  17 6 0 2.901606 0.250758 -0.742476  18 6 0 3.666180 0.338955 0.464464  19 6 0 5.086619 0.508229 0.376880  20 6 0 5.699685 0.586174 -0.899999  21 6 0 4.945225 0.501837 -2.042368  22 6 0 3.544772 0.333679 -1.960014  23 6 0 3.073115 0.262906 1.753446  24 6 0 3.838677 0.348316 2.891406  25 6 0 5.239048 0.515721 2.802707  26 6 0 5.845379 0.593879 1.573300  27 6 0 -1.577261 2.415349 -0.692097  28 7 0 -1.035503 3.564112 -0.710667  29 6 0 -1.899666 4.726502 -0.695606  30 6 0 1.577274 -2.415296 -0.692394  31 7 0 1.035490 -3.564065 -0.710775  32 6 0 1.899660 -4.726469 -0.695571  33 1 0 1.071656 2.219309 -0.702338  34 1 0 -1.071629 -2.219209 -0.702643  35 1 0 -2.960957 -0.270155 -2.871583  36 1 0 -5.417197 -0.564603 -3.016423  37 1 0 -6.775368 -0.715534 -0.957001  38 1 0 -2.000120 -0.139419 1.830464  39 1 0 -3.366883 -0.289001 3.865716  40 1 0 -5.831508 -0.583483 3.708206  41 1 0 -6.920149 -0.723740 1.497957  42 1 0 6.775481 0.715128 -0.956845  43 1 0 5.417379 0.564641 -3.016327  44 1 0 2.961062 0.270516 -2.871601  45 1 0 1.999969 0.139756 1.830299  46 1 0 3.366645 0.289130 3.865713  47 1 0 5.831320 0.583151 3.708329  48 1 0 6.920146 0.723162 1.498204  49 1 0 -2.667765 2.293495 -0.667779  50 1 0 -2.972237 4.482181 -0.667814  51 1 0 2.667780 -2.293480 -0.668312  52 1 0 2.972251 -4.482141 -0.668767  53 1 0 -1.653983 5.345076 0.173459  54 1 0 -1.696854 5.336228 -1.581863  55 1 0 1.654655 -5.344377 0.174173  56 1 0 1.696123 -5.336858 -1.581190 |
| TM\_NP\_model\_scan\_p\_90\_p\_100 | 1 6 0 1.400094 0.312272 -0.666223  2 6 0 0.571610 1.414351 -0.474004  3 6 0 -0.824879 1.309217 -0.490420  4 6 0 -1.416389 0.046090 -0.707960  5 6 0 -0.587993 -1.056422 -0.901123  6 6 0 0.807944 -0.951108 -0.886901  7 6 0 -2.901865 -0.143353 -0.771569  8 6 0 -3.551094 -0.037953 -1.984072  9 6 0 -4.946748 -0.231029 -2.090575  10 6 0 -5.690278 -0.529226 -0.977217  11 6 0 -5.070916 -0.647155 0.293657  12 6 0 -3.655614 -0.452637 0.405489  13 6 0 -3.056561 -0.571255 1.688508  14 6 0 -3.811636 -0.865708 2.798212  15 6 0 -5.206835 -1.059156 2.685276  16 6 0 -5.818746 -0.952285 1.460781  17 6 0 2.884733 0.513897 -0.657300  18 6 0 3.666337 0.214219 0.504663  19 6 0 5.081396 0.437793 0.467012  20 6 0 5.672626 0.955080 -0.714282  21 6 0 4.901650 1.243409 -1.811319  22 6 0 3.506645 1.021999 -1.779090  23 6 0 3.094658 -0.291819 1.703096  24 6 0 3.876243 -0.569858 2.798713  25 6 0 5.272181 -0.354862 2.756939  26 6 0 5.857377 0.139035 1.617288  27 6 0 -1.651173 2.514235 -0.275286  28 7 0 -1.139878 3.663116 -0.095903  29 6 0 -2.034444 4.783084 0.113237  30 6 0 1.633997 -2.153177 -1.119627  31 7 0 1.122576 -3.301686 -1.300731  32 6 0 2.016531 -4.418885 -1.526624  33 1 0 1.001002 2.393756 -0.302479  34 1 0 -1.017594 -2.034916 -1.077712  35 1 0 -2.975989 0.194879 -2.873325  36 1 0 -5.423724 -0.142846 -3.060195  37 1 0 -6.762177 -0.679196 -1.052844  38 1 0 -1.987405 -0.427979 1.783417  39 1 0 -3.335263 -0.952140 3.768343  40 1 0 -5.790949 -1.292471 3.568383  41 1 0 -6.889708 -1.099832 1.367237  42 1 0 6.744635 1.121300 -0.733175  43 1 0 5.356601 1.641897 -2.711123  44 1 0 2.910311 1.251323 -2.655085  45 1 0 2.024782 -0.453186 1.746863  46 1 0 3.419891 -0.954051 3.704094  47 1 0 5.877422 -0.577893 3.628396  48 1 0 6.928125 0.311050 1.579919  49 1 0 -2.738067 2.361944 -0.276951  50 1 0 -3.100223 4.509974 0.092201  51 1 0 2.720507 -1.999069 -1.130847  52 1 0 3.082026 -4.144284 -1.514956  53 1 0 -1.806501 5.249241 1.077121  54 1 0 -1.846415 5.541247 -0.653710  55 1 0 1.838044 -5.181737 -0.762114  56 1 0 1.778666 -4.879780 -2.490687 |
| TM\_NP\_model\_scan\_p\_90\_p\_110 | 1 6 0 1.389954 0.449570 -0.604854  2 6 0 0.534039 1.507960 -0.309714  3 6 0 -0.859377 1.375131 -0.347178  4 6 0 -1.421671 0.126987 -0.691037  5 6 0 -0.567304 -0.930977 -0.991117  6 6 0 0.825717 -0.796616 -0.960792  7 6 0 -2.902530 -0.087204 -0.778146  8 6 0 -3.553206 0.123765 -1.975987  9 6 0 -4.945243 -0.082600 -2.103363  10 6 0 -5.683602 -0.499890 -1.025380  11 6 0 -5.062156 -0.731798 0.228604  12 6 0 -3.650274 -0.525381 0.361164  13 6 0 -3.048674 -0.760833 1.626710  14 6 0 -3.798137 -1.177421 2.700467  15 6 0 -5.190007 -1.382061 2.567094  16 6 0 -5.804302 -1.163768 1.358713  17 6 0 2.867127 0.684260 -0.546445  18 6 0 3.674959 0.127140 0.498237  19 6 0 5.081725 0.401399 0.509212  20 6 0 5.639021 1.226710 -0.501026  21 6 0 4.842314 1.766171 -1.478215  22 6 0 3.456487 1.494700 -1.495916  23 6 0 3.138043 -0.676103 1.540531  24 6 0 3.945184 -1.194166 2.524772  25 6 0 5.334190 -0.935431 2.523813  26 6 0 5.885356 -0.153119 1.539506  27 6 0 -1.713321 2.535505 -0.022077  28 7 0 -1.228918 3.673503 0.267593  29 6 0 -2.149568 4.748401 0.576313  30 6 0 1.675313 -1.944283 -1.340494  31 7 0 1.191160 -3.091741 -1.590065  32 6 0 2.105038 -4.149772 -1.969275  33 1 0 0.939925 2.472861 -0.031984  34 1 0 -0.973824 -1.894681 -1.272459  35 1 0 -2.982040 0.453404 -2.836696  36 1 0 -5.423686 0.091518 -3.060562  37 1 0 -6.752874 -0.659494 -1.116858  38 1 0 -1.982196 -0.608641 1.736621  39 1 0 -3.319990 -1.352234 3.657742  40 1 0 -5.769619 -1.712345 3.421772  41 1 0 -6.872622 -1.319511 1.249547  42 1 0 6.705041 1.427713 -0.483211  43 1 0 5.269985 2.401540 -2.245545  44 1 0 2.840702 1.921849 -2.279365  45 1 0 2.073841 -0.874617 1.557047  46 1 0 3.513668 -1.802760 3.311525  47 1 0 5.960003 -1.351209 3.305444  48 1 0 6.949774 0.057763 1.536936  49 1 0 -2.796439 2.359901 -0.044060  50 1 0 -3.208729 4.454446 0.524683  51 1 0 2.753181 -1.749181 -1.404505  52 1 0 3.159188 -3.835853 -2.000390  53 1 0 -1.935032 5.127384 1.580604  54 1 0 -1.977085 5.578970 -0.115636  55 1 0 2.003020 -4.981405 -1.264863  56 1 0 1.819532 -4.535425 -2.953203 |
| TM\_NP\_model\_scan\_p\_90\_p\_120 | 1 6 0 1.384436 0.528517 -0.599901  2 6 0 0.511550 1.565671 -0.276037  3 6 0 -0.879591 1.415396 -0.319235  4 6 0 -1.424948 0.169629 -0.696717  5 6 0 -0.555534 -0.865109 -1.032352  6 6 0 0.835207 -0.712693 -0.998102  7 6 0 -2.902494 -0.067808 -0.777446  8 6 0 -3.569985 0.168077 -1.961263  9 6 0 -4.958886 -0.062835 -2.081213  10 6 0 -5.676868 -0.531006 -1.010375  11 6 0 -5.037402 -0.791232 0.228895  12 6 0 -3.628899 -0.559060 0.354218  13 6 0 -3.008876 -0.824617 1.604894  14 6 0 -3.737645 -1.294377 2.670940  15 6 0 -5.126174 -1.524519 2.544562  16 6 0 -5.757984 -1.277849 1.350762  17 6 0 2.855024 0.772252 -0.483236  18 6 0 3.664641 0.073974 0.474680  19 6 0 5.063898 0.377064 0.551503  20 6 0 5.610671 1.374059 -0.296230  21 6 0 4.809319 2.058023 -1.174047  22 6 0 3.432609 1.758855 -1.258861  23 6 0 3.137333 -0.885798 1.381077  24 6 0 3.946679 -1.531043 2.285034  25 6 0 5.330414 -1.251544 2.337197  26 6 0 5.871418 -0.315618 1.491576  27 6 0 -1.749787 2.552040 0.044271  28 7 0 -1.282144 3.688741 0.364835  29 6 0 -2.218292 4.738443 0.711440  30 6 0 1.696007 -1.827945 -1.445175  31 7 0 1.230095 -2.980219 -1.706518  32 6 0 2.151269 -4.000028 -2.164877  33 1 0 0.902846 2.524572 0.040443  34 1 0 -0.948596 -1.824142 -1.346779  35 1 0 -3.014984 0.536885 -2.816633  36 1 0 -5.451097 0.132473 -3.027273  37 1 0 -6.743434 -0.710457 -1.096524  38 1 0 -1.944768 -0.653417 1.709667  39 1 0 -3.245438 -1.491903 3.616603  40 1 0 -5.689251 -1.896921 3.392955  41 1 0 -6.823807 -1.453089 1.246918  42 1 0 6.671203 1.592966 -0.229529  43 1 0 5.227108 2.828686 -1.811879  44 1 0 2.814748 2.299013 -1.967284  45 1 0 2.077197 -1.102675 1.362048  46 1 0 3.519473 -2.256592 2.968119  47 1 0 5.958883 -1.770142 3.052369  48 1 0 6.930459 -0.083087 1.534719  49 1 0 -2.829975 2.359059 0.023292  50 1 0 -3.272827 4.429036 0.655832  51 1 0 2.763969 -1.601557 -1.554977  52 1 0 3.194026 -3.656270 -2.236576  53 1 0 -2.004527 5.089131 1.726124  54 1 0 -2.062957 5.592943 0.045072  55 1 0 2.105876 -4.856360 -1.484592  56 1 0 1.827554 -4.361329 -3.146230 |
| TM\_NP\_model\_scan\_p\_90\_p\_130 | 1 6 0 1.378897 0.565219 -0.590070  2 6 0 0.487408 1.590183 -0.271745  3 6 0 -0.900837 1.422952 -0.320419  4 6 0 -1.429526 0.167314 -0.688137  5 6 0 -0.544743 -0.856788 -1.015515  6 6 0 0.843778 -0.685546 -0.981941  7 6 0 -2.903481 -0.089730 -0.770953  8 6 0 -3.570288 0.127003 -1.958837  9 6 0 -4.956010 -0.121448 -2.080377  10 6 0 -5.671547 -0.587318 -1.006892  11 6 0 -5.032700 -0.827594 0.236740  12 6 0 -3.627335 -0.578010 0.363573  13 6 0 -3.007805 -0.823352 1.618609  14 6 0 -3.734297 -1.290112 2.687525  15 6 0 -5.119754 -1.537386 2.559742  16 6 0 -5.750916 -1.310639 1.361649  17 6 0 2.841507 0.828294 -0.434241  18 6 0 3.677256 0.050734 0.439782  19 6 0 5.065469 0.393412 0.556018  20 6 0 5.573601 1.512646 -0.150694  21 6 0 4.742825 2.281441 -0.924613  22 6 0 3.380331 1.941777 -1.053495  23 6 0 3.188919 -1.018712 1.239759  24 6 0 4.024935 -1.735836 2.061549  25 6 0 5.400596 -1.424594 2.136005  26 6 0 5.903068 -0.378726 1.403653  27 6 0 -1.785810 2.551736 0.032388  28 7 0 -1.332867 3.697208 0.342616  29 6 0 -2.282339 4.738359 0.678717  30 6 0 1.712009 -1.783616 -1.458988  31 7 0 1.265657 -2.951078 -1.683960  32 6 0 2.189101 -3.948365 -2.185644  33 1 0 0.862088 2.553638 0.050408  34 1 0 -0.923791 -1.821960 -1.328284  35 1 0 -3.017198 0.494208 -2.816141  36 1 0 -5.447737 0.058771 -3.029681  37 1 0 -6.735719 -0.779954 -1.094204  38 1 0 -1.946000 -0.638903 1.724524  39 1 0 -3.242614 -1.471948 3.636593  40 1 0 -5.681028 -1.907107 3.410497  41 1 0 -6.814376 -1.499094 1.256704  42 1 0 6.625810 1.758611 -0.054000  43 1 0 5.127057 3.149364 -1.448387  44 1 0 2.743413 2.548074 -1.687451  45 1 0 2.135811 -1.263878 1.210285  46 1 0 3.623436 -2.542727 2.664233  47 1 0 6.051098 -2.002550 2.782681  48 1 0 6.953657 -0.115591 1.470380  49 1 0 -2.863439 2.344945 0.012184  50 1 0 -3.332863 4.415395 0.624826  51 1 0 2.765501 -1.528920 -1.629828  52 1 0 3.215438 -3.575102 -2.319474  53 1 0 -2.074143 5.100912 1.690382  54 1 0 -2.136866 5.588612 0.004720  55 1 0 2.207947 -4.798658 -1.496591  56 1 0 1.821111 -4.328843 -3.143865 |
| TM\_NP\_model\_scan\_p\_90\_p\_140 | 1 6 0 1.377672 0.592615 -0.620329  2 6 0 0.471619 1.611809 -0.317831  3 6 0 -0.914379 1.430389 -0.360534  4 6 0 -1.432208 0.161475 -0.695931  5 6 0 -0.536788 -0.858923 -1.004240  6 6 0 0.849760 -0.672311 -0.980307  7 6 0 -2.903262 -0.114478 -0.764105  8 6 0 -3.579532 0.066963 -1.952518  9 6 0 -4.962482 -0.202615 -2.060292  10 6 0 -5.665500 -0.654418 -0.972656  11 6 0 -5.016530 -0.858292 0.272308  12 6 0 -3.614117 -0.586698 0.385405  13 6 0 -2.984405 -0.794926 1.642023  14 6 0 -3.698532 -1.247449 2.725341  15 6 0 -5.080974 -1.516930 2.611045  16 6 0 -5.721760 -1.325971 1.411783  17 6 0 2.832910 0.864528 -0.417337  18 6 0 3.676435 0.035814 0.405587  19 6 0 5.054337 0.401818 0.573244  20 6 0 5.540787 1.599167 -0.008341  21 6 0 4.694740 2.426349 -0.700996  22 6 0 3.346404 2.062254 -0.886541  23 6 0 3.206169 -1.097614 1.125216  24 6 0 4.050502 -1.857551 1.898733  25 6 0 5.420203 -1.530760 2.003875  26 6 0 5.903813 -0.419851 1.360771  27 6 0 -1.808908 2.557185 -0.025171  28 7 0 -1.365965 3.712545 0.261822  29 6 0 -2.324078 4.750258 0.583908  30 6 0 1.719669 -1.761956 -1.476135  31 7 0 1.289998 -2.942320 -1.661681  32 6 0 2.211005 -3.925891 -2.194301  33 1 0 0.832218 2.582847 -0.003485  34 1 0 -0.905693 -1.834061 -1.297563  35 1 0 -3.036308 0.422165 -2.821123  36 1 0 -5.461903 -0.050100 -3.010433  37 1 0 -6.727370 -0.863522 -1.049472  38 1 0 -1.924720 -0.593430 1.737830  39 1 0 -3.199156 -1.400820 3.675410  40 1 0 -5.632410 -1.875292 3.473017  41 1 0 -6.783011 -1.531575 1.317188  42 1 0 6.585195 1.859857 0.126410  43 1 0 5.056677 3.358751 -1.119094  44 1 0 2.704241 2.715003 -1.466448  45 1 0 2.158135 -1.358207 1.079878  46 1 0 3.658293 -2.710524 2.441093  47 1 0 6.078398 -2.144710 2.608187  48 1 0 6.946953 -0.137840 1.459318  49 1 0 -2.884535 2.339453 -0.036477  50 1 0 -3.371553 4.416025 0.540950  51 1 0 2.757591 -1.486673 -1.702305  52 1 0 3.219410 -3.530219 -2.387019  53 1 0 -2.114755 5.132758 1.587968  54 1 0 -2.190245 5.589758 -0.105786  55 1 0 2.286836 -4.763096 -1.493224  56 1 0 1.804054 -4.332059 -3.125823 |
| TM\_NP\_model\_scan\_p\_90\_p\_150 | 1 6 0 1.378559 0.610385 -0.660036  2 6 0 0.455882 1.624599 -0.382990  3 6 0 -0.927544 1.428021 -0.416869  4 6 0 -1.434086 0.143236 -0.704358  5 6 0 -0.527249 -0.874433 -0.984805  6 6 0 0.856960 -0.671025 -0.974951  7 6 0 -2.901908 -0.152078 -0.753153  8 6 0 -3.587767 -0.020006 -1.942638  9 6 0 -4.967854 -0.310006 -2.031754  10 6 0 -5.658475 -0.732083 -0.924382  11 6 0 -4.999458 -0.884135 0.322675  12 6 0 -3.599783 -0.591982 0.416917  13 6 0 -2.959938 -0.747815 1.676063  14 6 0 -3.662052 -1.169330 2.779523  15 6 0 -5.041836 -1.459045 2.683908  16 6 0 -5.692036 -1.319100 1.482714  17 6 0 2.825093 0.895215 -0.407952  18 6 0 3.677392 0.031456 0.375057  19 6 0 5.043594 0.418687 0.592584  20 6 0 5.503506 1.675946 0.129576  21 6 0 4.638420 2.542186 -0.487082  22 6 0 3.307265 2.154730 -0.731267  23 6 0 3.226823 -1.149663 1.028506  24 6 0 4.080391 -1.939321 1.761212  25 6 0 5.444201 -1.598932 1.891128  26 6 0 5.906653 -0.437798 1.326995  27 6 0 -1.831822 2.556054 -0.112353  28 7 0 -1.399470 3.724462 0.135043  29 6 0 -2.366528 4.762080 0.429743  30 6 0 1.726802 -1.755897 -1.484814  31 7 0 1.311055 -2.945367 -1.639855  32 6 0 2.227670 -3.919355 -2.197162  33 1 0 0.798927 2.606992 -0.086600  34 1 0 -0.884576 -1.862086 -1.249077  35 1 0 -3.054453 0.311186 -2.826731  36 1 0 -5.475065 -0.196975 -2.983280  37 1 0 -6.718125 -0.956644 -0.986891  38 1 0 -1.902069 -0.531009 1.757773  39 1 0 -3.155138 -1.282415 3.731241  40 1 0 -5.583708 -1.792541 3.561777  41 1 0 -6.751276 -1.540556 1.402422  42 1 0 6.538460 1.951524 0.302028  43 1 0 4.973109 3.523422 -0.803712  44 1 0 2.660989 2.841067 -1.265348  45 1 0 2.183596 -1.423778 0.973358  46 1 0 3.697850 -2.826030 2.254093  47 1 0 6.111466 -2.238282 2.457942  48 1 0 6.941708 -0.138221 1.454562  49 1 0 -2.905176 2.327016 -0.110602  50 1 0 -3.410626 4.415810 0.403606  51 1 0 2.750189 -1.465611 -1.754774  52 1 0 3.220152 -3.508342 -2.435101  53 1 0 -2.155693 5.178374 1.419952  54 1 0 -2.245410 5.580598 -0.286991  55 1 0 2.347139 -4.745980 -1.489615  56 1 0 1.791377 -4.344736 -3.106559 |
| TM\_NP\_model\_scan\_p\_90\_p\_160 | 1 6 0 1.380213 0.618651 -0.687252  2 6 0 0.437085 1.626736 -0.447951  3 6 0 -0.943146 1.412950 -0.473627  4 6 0 -1.435908 0.111300 -0.700655  5 6 0 -0.515025 -0.902925 -0.941027  6 6 0 0.866314 -0.680697 -0.946108  7 6 0 -2.899936 -0.203037 -0.736289  8 6 0 -3.584838 -0.134442 -1.931742  9 6 0 -4.961603 -0.442725 -2.009130  10 6 0 -5.650143 -0.818431 -0.883918  11 6 0 -4.992151 -0.903900 0.369982  12 6 0 -3.595477 -0.594069 0.452298  13 6 0 -2.956451 -0.683952 1.718297  14 6 0 -3.656936 -1.058003 2.839771  15 6 0 -5.033961 -1.364122 2.756221  16 6 0 -5.682974 -1.288659 1.548637  17 6 0 2.816779 0.926443 -0.391024  18 6 0 3.690832 0.039428 0.348109  19 6 0 5.046247 0.449448 0.597022  20 6 0 5.467101 1.754142 0.243038  21 6 0 4.569301 2.643305 -0.287162  22 6 0 3.255248 2.231315 -0.574339  23 6 0 3.273146 -1.182028 0.947792  24 6 0 4.148306 -1.991543 1.632034  25 6 0 5.506818 -1.633980 1.766149  26 6 0 5.935927 -0.430140 1.270270  27 6 0 -1.859488 2.543427 -0.217066  28 7 0 -1.440360 3.726679 -0.023524  29 6 0 -2.418920 4.765346 0.226376  30 6 0 1.734743 -1.764389 -1.465418  31 7 0 1.331616 -2.961669 -1.588811  32 6 0 2.241335 -3.930266 -2.166430  33 1 0 0.756984 2.624488 -0.181569  34 1 0 -0.857667 -1.904747 -1.168741  35 1 0 -3.053437 0.160188 -2.829809  36 1 0 -5.467952 -0.380512 -2.965774  37 1 0 -6.707352 -1.056469 -0.937181  38 1 0 -1.900448 -0.454932 1.790848  39 1 0 -3.150797 -1.120721 3.796534  40 1 0 -5.574582 -1.659394 3.648433  41 1 0 -6.739987 -1.523503 1.477573  42 1 0 6.493154 2.046719 0.438815  43 1 0 4.865778 3.662378 -0.507691  44 1 0 2.597374 2.942959 -1.057592  45 1 0 2.234871 -1.472242 0.899158  46 1 0 3.784745 -2.906703 2.085698  47 1 0 6.193171 -2.290262 2.289048  48 1 0 6.963113 -0.110737 1.412397  49 1 0 -2.930097 2.302306 -0.202540  50 1 0 -3.458807 4.405792 0.219245  51 1 0 2.742735 -1.462840 -1.777725  52 1 0 3.217486 -3.508178 -2.448444  53 1 0 -2.210709 5.229125 1.195810  54 1 0 -2.309476 5.551452 -0.527567  55 1 0 2.400994 -4.743971 -1.451798  56 1 0 1.777503 -4.376354 -3.051946 |
| TM\_NP\_model\_scan\_p\_100\_m\_0 | 1 6 0 -1.449272 0.516897 -0.333655  2 6 0 -0.780835 -0.720227 -0.321393  3 6 0 0.599184 -0.877860 -0.483940  4 6 0 1.417007 0.263094 -0.569597  5 6 0 0.791381 1.505810 -0.529920  6 6 0 -0.592042 1.658987 -0.410821  7 6 0 2.904198 0.196749 -0.724211  8 6 0 3.466140 0.374305 -1.971623  9 6 0 4.865843 0.338509 -2.160340  10 6 0 5.701399 0.126113 -1.093660  11 6 0 5.174517 -0.055098 0.211005  12 6 0 3.755617 -0.017258 0.407431  13 6 0 3.250732 -0.188253 1.724611  14 6 0 4.098382 -0.394402 2.786382  15 6 0 5.496942 -0.438124 2.589481  16 6 0 6.019517 -0.270156 1.331011  17 6 0 -2.835657 0.556322 0.238210  18 6 0 -3.793112 -0.522054 0.041069  19 6 0 -5.074767 -0.439206 0.686245  20 6 0 -5.456848 0.750906 1.353933  21 6 0 -4.624130 1.836027 1.340425  22 6 0 -3.343706 1.739020 0.760030  23 6 0 -3.597671 -1.631456 -0.829711  24 6 0 -4.527579 -2.638173 -0.949045  25 6 0 -5.724877 -2.606663 -0.206265  26 6 0 -5.994399 -1.515581 0.579183  27 6 0 1.174934 -2.238361 -0.518317  28 7 0 0.453282 -3.281819 -0.459472  29 6 0 1.111925 -4.571583 -0.497352  30 6 0 -1.105755 3.033417 -0.633459  31 7 0 -0.433330 4.071650 -0.346291  32 6 0 -0.985985 5.362458 -0.705709  33 1 0 -1.319193 -1.631232 -0.115316  34 1 0 1.381717 2.409727 -0.612683  35 1 0 2.817430 0.539917 -2.824486  36 1 0 5.272522 0.479217 -3.155430  37 1 0 6.777100 0.096171 -1.231997  38 1 0 2.180753 -0.148568 1.886629  39 1 0 3.693002 -0.520833 3.783942  40 1 0 6.154623 -0.600849 3.435916  41 1 0 7.092803 -0.297836 1.173624  42 1 0 -6.428860 0.796524 1.833272  43 1 0 -4.924921 2.770564 1.800037  44 1 0 -2.688176 2.586443 0.893751  45 1 0 -2.718173 -1.678055 -1.452688  46 1 0 -4.338735 -3.457378 -1.633582  47 1 0 -6.439551 -3.417648 -0.288208  48 1 0 -6.937283 -1.438740 1.110586  49 1 0 2.267548 -2.298493 -0.603000  50 1 0 2.207185 -4.507883 -0.580660  51 1 0 -2.085221 3.103167 -1.126841  52 1 0 -1.972893 5.303878 -1.190075  53 1 0 0.857010 -5.131261 0.408142  54 1 0 0.723897 -5.148885 -1.342607  55 1 0 -1.066524 5.983522 0.191948  56 1 0 -0.292212 5.874763 -1.379927 |
| TM\_NP\_model\_scan\_p\_100\_m\_10 | 1 6 0 -1.439711 0.465871 -0.248477  2 6 0 -0.768270 -0.767248 -0.216634  3 6 0 0.609592 -0.912927 -0.402609  4 6 0 1.409093 0.236324 -0.554268  5 6 0 0.772930 1.474104 -0.545612  6 6 0 -0.609305 1.616097 -0.393492  7 6 0 2.892483 0.178863 -0.747411  8 6 0 3.417452 0.313844 -2.016075  9 6 0 4.811564 0.283204 -2.243354  10 6 0 5.678981 0.119449 -1.193711  11 6 0 5.190875 -0.014959 0.131541  12 6 0 3.777727 0.017832 0.366944  13 6 0 3.312135 -0.104230 1.703854  14 6 0 4.191623 -0.259107 2.748339  15 6 0 5.584437 -0.298342 2.513238  16 6 0 6.069383 -0.177090 1.234508  17 6 0 -2.827232 0.515895 0.309664  18 6 0 -3.810035 -0.515647 0.035518  19 6 0 -5.105944 -0.421647 0.647930  20 6 0 -5.453363 0.731957 1.394343  21 6 0 -4.570109 1.772506 1.498281  22 6 0 -3.282258 1.667881 0.935872  23 6 0 -3.610269 -1.591567 -0.874431  24 6 0 -4.569052 -2.555843 -1.079850  25 6 0 -5.798042 -2.509405 -0.390084  26 6 0 -6.060406 -1.452592 0.443560  27 6 0 1.204414 -2.265679 -0.402173  28 7 0 0.502206 -3.315016 -0.265199  29 6 0 1.178240 -4.596214 -0.275854  30 6 0 -1.161421 2.972538 -0.625477  31 7 0 -0.482032 4.028488 -0.434784  32 6 0 -1.083689 5.299140 -0.786546  33 1 0 -1.304115 -1.674967 0.016790  34 1 0 1.351413 2.379840 -0.678038  35 1 0 2.743311 0.440391 -2.855802  36 1 0 5.188465 0.389001 -3.254364  37 1 0 6.750613 0.093386 -1.361297  38 1 0 2.246807 -0.067462 1.894414  39 1 0 3.816056 -0.348289 3.761484  40 1 0 6.267434 -0.420529 3.346351  41 1 0 7.138014 -0.201332 1.047629  42 1 0 -6.436305 0.786441 1.849983  43 1 0 -4.840932 2.675614 2.033256  44 1 0 -2.587328 2.470463 1.139325  45 1 0 -2.698501 -1.644283 -1.449773  46 1 0 -4.379054 -3.353593 -1.789007  47 1 0 -6.538544 -3.285953 -0.544630  48 1 0 -7.019769 -1.370892 0.943833  49 1 0 2.293158 -2.314752 -0.531881  50 1 0 2.267183 -4.522078 -0.414983  51 1 0 -2.182378 3.012049 -1.029024  52 1 0 -2.107686 5.212123 -1.181128  53 1 0 0.975646 -5.116299 0.665771  54 1 0 0.759120 -5.217450 -1.073764  55 1 0 -1.096067 5.948962 0.094180  56 1 0 -0.458697 5.797265 -1.534629 |
| TM\_NP\_model\_scan\_p\_100\_m\_20 | 1 6 0 -1.430024 0.420236 -0.163249  2 6 0 -0.753810 -0.807215 -0.113714  3 6 0 0.621808 -0.940435 -0.322253  4 6 0 1.400866 0.214907 -0.535407  5 6 0 0.751999 1.445824 -0.556294  6 6 0 -0.628618 1.576473 -0.374277  7 6 0 2.879469 0.166257 -0.766218  8 6 0 3.368100 0.261851 -2.052876  9 6 0 4.755631 0.235046 -2.317842  10 6 0 5.653213 0.114636 -1.287908  11 6 0 5.203157 0.023136 0.054335  12 6 0 3.796723 0.052691 0.327872  13 6 0 3.369797 -0.024185 1.680936  14 6 0 4.279444 -0.133496 2.705204  15 6 0 5.665508 -0.170253 2.432676  16 6 0 6.113432 -0.091925 1.137221  17 6 0 -2.824495 0.478386 0.369170  18 6 0 -3.822789 -0.510795 0.026473  19 6 0 -5.130425 -0.409777 0.610456  20 6 0 -5.454443 0.702857 1.426732  21 6 0 -4.534910 1.696528 1.633885  22 6 0 -3.239671 1.588707 1.088871  23 6 0 -3.614655 -1.554670 -0.917564  24 6 0 -4.592581 -2.479285 -1.198855  25 6 0 -5.846761 -2.419947 -0.555617  26 6 0 -6.108220 -1.397176 0.320132  27 6 0 1.236101 -2.284113 -0.292552  28 7 0 0.553794 -3.336918 -0.094988  29 6 0 1.247258 -4.608751 -0.083364  30 6 0 -1.215445 2.916440 -0.608823  31 7 0 -0.536818 3.984843 -0.502118  32 6 0 -1.181451 5.238272 -0.838715  33 1 0 -1.285485 -1.712631 0.142441  34 1 0 1.317171 2.352152 -0.734591  35 1 0 2.669975 0.353123 -2.877434  36 1 0 5.103458 0.308903 -3.342032  37 1 0 6.719998 0.091286 -1.484341  38 1 0 2.309941 0.011378 1.900092  39 1 0 3.933008 -0.188316 3.731106  40 1 0 6.372489 -0.256364 3.250145  41 1 0 7.176618 -0.114164 0.921318  42 1 0 -6.446531 0.763127 1.861420  43 1 0 -4.786041 2.563774 2.233909  44 1 0 -2.517081 2.350676 1.349420  45 1 0 -2.676716 -1.613264 -1.449857  46 1 0 -4.398884 -3.256203 -1.929832  47 1 0 -6.604508 -3.163926 -0.773820  48 1 0 -7.081242 -1.312560 0.792779  49 1 0 2.320661 -2.323542 -0.455893  50 1 0 2.329799 -4.525633 -0.261942  51 1 0 -2.265567 2.932953 -0.929306  52 1 0 -2.232846 5.129011 -1.145769  53 1 0 1.083631 -5.097515 0.882329  54 1 0 0.810453 -5.263402 -0.844217  55 1 0 -1.130645 5.912726 0.021893  56 1 0 -0.625739 5.721596 -1.648679 |
| TM\_NP\_model\_scan\_p\_100\_m\_30 | 1 6 0 -1.419294 0.380442 -0.081546  2 6 0 -0.737756 -0.840972 -0.020372  3 6 0 0.635096 -0.962418 -0.252781  4 6 0 1.393378 0.197046 -0.519731  5 6 0 0.730954 1.419952 -0.566953  6 6 0 -0.647315 1.539822 -0.356189  7 6 0 2.867063 0.157155 -0.782754  8 6 0 3.325680 0.217336 -2.082538  9 6 0 4.707142 0.195419 -2.377964  10 6 0 5.628845 0.114579 -1.365606  11 6 0 5.210058 0.060069 -0.011306  12 6 0 3.809842 0.085377 0.292993  13 6 0 3.414445 0.046213 1.657244  14 6 0 4.347950 -0.023919 2.663335  15 6 0 5.727831 -0.056798 2.360643  16 6 0 6.145566 -0.013936 1.053507  17 6 0 -2.821209 0.442415 0.426308  18 6 0 -3.830556 -0.503168 0.016208  19 6 0 -5.145843 -0.403544 0.581631  20 6 0 -5.450732 0.657116 1.471639  21 6 0 -4.503761 1.599879 1.775160  22 6 0 -3.203608 1.496305 1.240641  23 6 0 -3.616029 -1.505892 -0.969453  24 6 0 -4.607881 -2.389463 -1.323289  25 6 0 -5.879821 -2.325138 -0.715009  26 6 0 -6.140494 -1.345531 0.209346  27 6 0 1.267966 -2.296703 -0.200779  28 7 0 0.604727 -3.351883 0.043593  29 6 0 1.314702 -4.614284 0.071521  30 6 0 -1.266110 2.864624 -0.587276  31 7 0 -0.592261 3.941384 -0.567793  32 6 0 -1.277237 5.179161 -0.881426  33 1 0 -1.264009 -1.745097 0.254616  34 1 0 1.282026 2.325888 -0.786864  35 1 0 2.608456 0.276682 -2.893497  36 1 0 5.031198 0.241162 -3.411561  37 1 0 6.691096 0.094883 -1.585639  38 1 0 2.359577 0.079320 1.899741  39 1 0 4.025185 -0.050510 3.698053  40 1 0 6.453822 -0.111821 3.164004  41 1 0 7.203764 -0.033370 0.814134  42 1 0 -6.448918 0.717328 1.892246  43 1 0 -4.739666 2.422600 2.440536  44 1 0 -2.459780 2.217981 1.554202  45 1 0 -2.658635 -1.565098 -1.467283  46 1 0 -4.412223 -3.138244 -2.082571  47 1 0 -6.650069 -3.035355 -0.993648  48 1 0 -7.123143 -1.263956 0.662217  49 1 0 2.348486 -2.327225 -0.390380  50 1 0 2.391589 -4.522627 -0.134994  51 1 0 -2.339322 2.863420 -0.817291  52 1 0 -2.349752 5.051913 -1.093870  53 1 0 1.180085 -5.079858 1.053024  54 1 0 0.868562 -5.293751 -0.661687  55 1 0 -1.160551 5.877445 -0.046612  56 1 0 -0.798285 5.644933 -1.748698 |
| TM\_NP\_model\_scan\_p\_100\_m\_40 | 1 6 0 -1.408864 0.344470 -0.000240  2 6 0 -0.721641 -0.871065 0.068675  3 6 0 0.647716 -0.982304 -0.188985  4 6 0 1.385306 0.179201 -0.505486  5 6 0 0.709614 1.393799 -0.573534  6 6 0 -0.665191 1.504151 -0.332717  7 6 0 2.853462 0.147356 -0.799609  8 6 0 3.283862 0.174937 -2.110094  9 6 0 4.658994 0.159392 -2.434061  10 6 0 5.602704 0.117202 -1.439762  11 6 0 5.213225 0.096412 -0.075809  12 6 0 3.819474 0.115475 0.257233  13 6 0 3.453398 0.110038 1.630241  14 6 0 4.408516 0.077281 2.617788  15 6 0 5.782014 0.050546 2.286929  16 6 0 6.171649 0.061798 0.970482  17 6 0 -2.817710 0.404739 0.487621  18 6 0 -3.835223 -0.489759 0.002283  19 6 0 -5.155990 -0.403626 0.555796  20 6 0 -5.445695 0.585660 1.529425  21 6 0 -4.477979 1.470170 1.930263  22 6 0 -3.174120 1.382201 1.400955  23 6 0 -3.615037 -1.432559 -1.039075  24 6 0 -4.616874 -2.268673 -1.470745  25 6 0 -5.901956 -2.211532 -0.888645  26 6 0 -6.162711 -1.293198 0.096895  27 6 0 1.298252 -2.307079 -0.117811  28 7 0 0.654868 -3.362712 0.173337  29 6 0 1.380716 -4.615619 0.215482  30 6 0 -1.312029 2.816065 -0.553931  31 7 0 -0.647191 3.896621 -0.621178  32 6 0 -1.366318 5.122145 -0.904437  33 1 0 -1.241216 -1.774300 0.361470  34 1 0 1.246204 2.298573 -0.831023  35 1 0 2.549200 0.203701 -2.906976  36 1 0 4.960788 0.179152 -3.475206  37 1 0 6.660202 0.102623 -1.682025  38 1 0 2.403621 0.138878 1.894573  39 1 0 4.107788 0.075742 3.659472  40 1 0 6.525282 0.025199 3.075835  41 1 0 7.224729 0.046745 0.709233  42 1 0 -6.448054 0.636715 1.941320  43 1 0 -4.702457 2.234079 2.666025  44 1 0 -2.414240 2.060506 1.770232  45 1 0 -2.642973 -1.483326 -1.509997  46 1 0 -4.419899 -2.974598 -2.269702  47 1 0 -6.681232 -2.882645 -1.231751  48 1 0 -7.152635 -1.223694 0.535764  49 1 0 2.373661 -2.330158 -0.335334  50 1 0 2.451013 -4.516857 -0.020042  51 1 0 -2.400790 2.802781 -0.689633  52 1 0 -2.451841 4.983240 -1.022077  53 1 0 1.275854 -5.057648 1.211397  54 1 0 0.924958 -5.318631 -0.489085  55 1 0 -1.185089 5.840652 -0.098767  56 1 0 -0.965993 5.570168 -1.819594 |
| TM\_NP\_model\_scan\_p\_100\_m\_50 | 1 6 0 -1.399245 0.307556 0.087951  2 6 0 -0.703349 -0.900976 0.160266  3 6 0 0.661466 -1.001147 -0.125946  4 6 0 1.376337 0.162381 -0.487117  5 6 0 0.685971 1.367807 -0.567299  6 6 0 -0.684185 1.467336 -0.294178  7 6 0 2.837681 0.140476 -0.814896  8 6 0 3.237760 0.141648 -2.135258  9 6 0 4.605280 0.135874 -2.490212  10 6 0 5.571838 0.129907 -1.517192  11 6 0 5.213791 0.136399 -0.144480  12 6 0 3.827817 0.145488 0.219775  13 6 0 3.492999 0.167080 1.600633  14 6 0 4.470497 0.169036 2.566576  15 6 0 5.836370 0.152280 2.205094  16 6 0 6.195980 0.138309 0.880127  17 6 0 -2.814845 0.357271 0.559949  18 6 0 -3.836945 -0.472846 -0.013629  19 6 0 -5.164313 -0.411300 0.526157  20 6 0 -5.446603 0.482761 1.589924  21 6 0 -4.464621 1.296190 2.094751  22 6 0 -3.155251 1.234254 1.573888  23 6 0 -3.607971 -1.332549 -1.122498  24 6 0 -4.615689 -2.108779 -1.642648  25 6 0 -5.913232 -2.069556 -1.086080  26 6 0 -6.178367 -1.234864 -0.029618  27 6 0 1.330500 -2.315898 -0.043717  28 7 0 0.709958 -3.371845 0.292487  29 6 0 1.452543 -4.614662 0.340340  30 6 0 -1.356438 2.768315 -0.498712  31 7 0 -0.706467 3.849111 -0.652540  32 6 0 -1.454871 5.065227 -0.897093  33 1 0 -1.213131 -1.804635 0.470210  34 1 0 1.206057 2.272428 -0.857230  35 1 0 2.484897 0.142256 -2.915496  36 1 0 4.883112 0.134477 -3.538198  37 1 0 6.623621 0.123308 -1.783536  38 1 0 2.449205 0.188462 1.888446  39 1 0 4.193416 0.187339 3.614639  40 1 0 6.597589 0.154397 2.977103  41 1 0 7.243004 0.130569 0.595254  42 1 0 -6.453898 0.516495 1.991470  43 1 0 -4.683326 1.983567 2.904090  44 1 0 -2.384915 1.860266 2.009432  45 1 0 -2.622956 -1.367577 -1.568392  46 1 0 -4.414665 -2.753907 -2.490518  47 1 0 -6.697908 -2.691456 -1.501956  48 1 0 -7.175765 -1.185022 0.394794  49 1 0 2.398909 -2.331177 -0.293997  50 1 0 2.514023 -4.508370 0.070612  51 1 0 -2.452712 2.747743 -0.535333  52 1 0 -2.545559 4.919090 -0.917392  53 1 0 1.382913 -5.035683 1.348359  54 1 0 0.984901 -5.338564 -0.334684  55 1 0 -1.209059 5.800638 -0.124428  56 1 0 -1.137632 5.496391 -1.852026 |
| TM\_NP\_model\_scan\_p\_100\_m\_60 | 1 6 0 -1.389895 0.262314 0.181603  2 6 0 -0.679777 -0.936768 0.246170  3 6 0 0.679574 -1.019646 -0.071647  4 6 0 1.366868 0.150340 -0.465753  5 6 0 0.657918 1.345013 -0.543011  6 6 0 -0.706293 1.427248 -0.234740  7 6 0 2.820283 0.145172 -0.828350  8 6 0 3.189543 0.133649 -2.157583  9 6 0 4.548399 0.143113 -2.544304  10 6 0 5.537249 0.165210 -1.594186  11 6 0 5.211095 0.185403 -0.213636  12 6 0 3.834004 0.179098 0.182684  13 6 0 3.530854 0.214571 1.570573  14 6 0 4.530239 0.244014 2.513379  15 6 0 5.887445 0.242380 2.120392  16 6 0 6.216574 0.215719 0.787683  17 6 0 -2.811103 0.287980 0.644021  18 6 0 -3.835014 -0.454359 -0.032146  19 6 0 -5.169276 -0.431821 0.492483  20 6 0 -5.450214 0.332343 1.653650  21 6 0 -4.459723 1.054012 2.269607  22 6 0 -3.143786 1.031448 1.760326  23 6 0 -3.595225 -1.193638 -1.222385  24 6 0 -4.605261 -1.888741 -1.842828  25 6 0 -5.913645 -1.882984 -1.309951  26 6 0 -6.186164 -1.167251 -0.170975  27 6 0 1.370815 -2.322949 0.006510  28 7 0 0.779092 -3.382445 0.381360  29 6 0 1.541739 -4.613369 0.419794  30 6 0 -1.405761 2.717397 -0.409189  31 7 0 -0.782089 3.798662 -0.646115  32 6 0 -1.559505 5.005843 -0.838143  33 1 0 -1.174929 -1.845138 0.566769  34 1 0 1.157659 2.253748 -0.855114  35 1 0 2.418815 0.112366 -2.919895  36 1 0 4.801816 0.131213 -3.598392  37 1 0 6.582523 0.170576 -1.885075  38 1 0 2.493786 0.224111 1.882322  39 1 0 4.277264 0.272269 3.567297  40 1 0 6.666217 0.265999 2.874329  41 1 0 7.256741 0.219424 0.478590  42 1 0 -6.462813 0.338948 2.043117  43 1 0 -4.677531 1.639372 3.155790  44 1 0 -2.367921 1.589293 2.272695  45 1 0 -2.598985 -1.201859 -1.645135  46 1 0 -4.398257 -2.444581 -2.750409  47 1 0 -6.700473 -2.439306 -1.806833  48 1 0 -7.190591 -1.148286 0.239135  49 1 0 2.429568 -2.326325 -0.282329  50 1 0 2.590750 -4.495688 0.109075  51 1 0 -2.500277 2.689017 -0.340010  52 1 0 -2.645886 4.853131 -0.750392  53 1 0 1.515947 -5.019929 1.435797  54 1 0 1.060361 -5.354217 -0.226572  55 1 0 -1.245657 5.756045 -0.105344  56 1 0 -1.338891 5.421847 -1.826420 |
| TM\_NP\_model\_scan\_p\_100\_m\_70 | 1 6 0 -1.378493 0.189078 0.260908  2 6 0 -0.646113 -0.996271 0.296616  3 6 0 0.707856 -1.047365 -0.051634  4 6 0 1.360721 0.140192 -0.452219  5 6 0 0.626136 1.320776 -0.503843  6 6 0 -0.731610 1.371237 -0.161624  7 6 0 2.807229 0.168325 -0.841063  8 6 0 3.154063 0.170793 -2.176288  9 6 0 4.505736 0.210397 -2.585757  10 6 0 5.509846 0.248782 -1.652320  11 6 0 5.206734 0.256380 -0.266366  12 6 0 3.836999 0.219738 0.152980  13 6 0 3.556549 0.243790 1.545888  14 6 0 4.570813 0.290798 2.471935  15 6 0 5.920916 0.318677 2.056228  16 6 0 6.228102 0.303688 0.718082  17 6 0 -2.800447 0.176208 0.728193  18 6 0 -3.835784 -0.431534 -0.053005  19 6 0 -5.172382 -0.456332 0.464576  20 6 0 -5.440248 0.125815 1.729876  21 6 0 -4.434381 0.713316 2.454260  22 6 0 -3.115925 0.737383 1.949718  23 6 0 -3.599287 -0.998915 -1.334485  24 6 0 -4.619500 -1.570556 -2.055992  25 6 0 -5.933425 -1.605763 -1.537296  26 6 0 -6.200338 -1.058975 -0.306762  27 6 0 1.428416 -2.335898 -0.001338  28 7 0 0.871309 -3.409350 0.386691  29 6 0 1.660770 -4.623848 0.394130  30 6 0 -1.463488 2.648758 -0.282571  31 7 0 -0.879886 3.738559 -0.575430  32 6 0 -1.688644 4.934467 -0.694382  33 1 0 -1.119014 -1.918152 0.612568  34 1 0 1.100451 2.242729 -0.816946  35 1 0 2.371132 0.136722 -2.925598  36 1 0 4.741457 0.208586 -3.644004  37 1 0 6.549721 0.277171 -1.960683  38 1 0 2.524920 0.230363 1.874926  39 1 0 4.335137 0.309982 3.530063  40 1 0 6.711627 0.355661 2.797100  41 1 0 7.262636 0.330154 0.391658  42 1 0 -6.454710 0.099583 2.113709  43 1 0 -4.642560 1.156786 3.421441  44 1 0 -2.328927 1.192282 2.540989  45 1 0 -2.596574 -0.975916 -1.742106  46 1 0 -4.416768 -1.997261 -3.031891  47 1 0 -6.728605 -2.062380 -2.115802  48 1 0 -7.207876 -1.076734 0.095697  49 1 0 2.477436 -2.315474 -0.323175  50 1 0 2.696628 -4.482117 0.051008  51 1 0 -2.547005 2.603445 -0.115608  52 1 0 -2.760439 4.765803 -0.510266  53 1 0 1.675921 -5.035836 1.408151  54 1 0 1.174952 -5.371631 -0.240836  55 1 0 -1.321348 5.688150 0.009462  56 1 0 -1.563067 5.354772 -1.697358 |
| TM\_NP\_model\_scan\_p\_100\_m\_80 | 1 6 0 -1.369921 0.086719 0.349640  2 6 0 -0.606331 -1.078075 0.331221  3 6 0 0.742054 -1.079106 -0.044027  4 6 0 1.353603 0.139056 -0.416404  5 6 0 0.587869 1.301119 -0.407475  6 6 0 -0.763029 1.301402 -0.036756  7 6 0 2.788629 0.220642 -0.839192  8 6 0 3.099591 0.280888 -2.181889  9 6 0 4.438208 0.371916 -2.624559  10 6 0 5.465585 0.403664 -1.716514  11 6 0 5.199370 0.353364 -0.323922  12 6 0 3.842768 0.264667 0.129212  13 6 0 3.598926 0.231888 1.528789  14 6 0 4.635986 0.273586 2.429467  15 6 0 5.973338 0.352511 1.980224  16 6 0 6.245086 0.393163 0.634990  17 6 0 -2.795611 0.013878 0.805267  18 6 0 -3.833068 -0.410568 -0.085385  19 6 0 -5.178212 -0.490689 0.402997  20 6 0 -5.449608 -0.149532 1.752806  21 6 0 -4.438721 0.256031 2.586595  22 6 0 -3.111844 0.337176 2.108796  23 6 0 -3.586421 -0.747441 -1.443730  24 6 0 -4.608303 -1.147018 -2.270924  25 6 0 -5.932892 -1.230589 -1.785705  26 6 0 -6.208125 -0.908840 -0.479702  27 6 0 1.496874 -2.348694 -0.057449  28 7 0 0.977871 -3.449655 0.305653  29 6 0 1.798635 -4.641986 0.249142  30 6 0 -1.529126 2.563700 -0.071736  31 7 0 -0.991115 3.674921 -0.370865  32 6 0 -1.830131 4.855699 -0.388795  33 1 0 -1.050585 -2.024269 0.615215  34 1 0 1.032161 2.247011 -0.691909  35 1 0 2.297903 0.252745 -2.911342  36 1 0 4.645366 0.414718 -3.687896  37 1 0 6.495811 0.471092 -2.050099  38 1 0 2.576941 0.179362 1.882948  39 1 0 4.428456 0.249224 3.493364  40 1 0 6.782305 0.384602 2.701364  41 1 0 7.269513 0.459040 0.283241  42 1 0 -6.470609 -0.215617 2.113828  43 1 0 -4.649681 0.514075 3.618274  44 1 0 -2.322166 0.653982 2.781022  45 1 0 -2.574144 -0.687222 -1.823199  46 1 0 -4.398961 -1.400768 -3.304044  47 1 0 -6.729685 -1.548708 -2.448609  48 1 0 -7.223298 -0.969387 -0.101206  49 1 0 2.536378 -2.289603 -0.404557  50 1 0 2.820725 -4.460162 -0.115626  51 1 0 -2.596533 2.488316 0.171669  52 1 0 -2.881380 4.657123 -0.131053  53 1 0 1.852073 -5.088645 1.247065  54 1 0 1.315561 -5.379994 -0.399204  55 1 0 -1.425930 5.594256 0.310860  56 1 0 -1.788597 5.310790 -1.383522 |
| TM\_NP\_model\_scan\_p\_100\_m\_90 | 1 6 0 -1.362373 -0.056044 0.390159  2 6 0 -0.563667 -1.188999 0.258813  3 6 0 0.781623 -1.112117 -0.121676  4 6 0 1.351606 0.153773 -0.382090  5 6 0 0.552031 1.286117 -0.252908  6 6 0 -0.794144 1.208961 0.125428  7 6 0 2.776010 0.320663 -0.815694  8 6 0 3.058031 0.520931 -2.151234  9 6 0 4.383926 0.697914 -2.605912  10 6 0 5.427810 0.676005 -1.716650  11 6 0 5.191242 0.482566 -0.331297  12 6 0 3.847432 0.305102 0.134305  13 6 0 3.633462 0.127471 1.527772  14 6 0 4.686814 0.116384 2.410322  15 6 0 6.011568 0.284173 1.948128  16 6 0 6.254358 0.464609 0.608891  17 6 0 -2.786673 -0.218508 0.827490  18 6 0 -3.837991 -0.373734 -0.131716  19 6 0 -5.183474 -0.540216 0.332526  20 6 0 -5.441127 -0.550740 1.727540  21 6 0 -4.416260 -0.404567 2.627272  22 6 0 -3.088638 -0.238002 2.173234  23 6 0 -3.602087 -0.368139 -1.532905  24 6 0 -4.636377 -0.516406 -2.425442  25 6 0 -5.962576 -0.679185 -1.965554  26 6 0 -6.226508 -0.691020 -0.618176  27 6 0 1.574245 -2.351085 -0.257664  28 7 0 1.093184 -3.495560 0.011025  29 6 0 1.948214 -4.652378 -0.159374  30 6 0 -1.593604 2.445730 0.237987  31 7 0 -1.101456 3.593745 0.006966  32 6 0 -1.967698 4.746996 0.140793  33 1 0 -0.977985 -2.171508 0.448977  34 1 0 0.966028 2.268541 -0.443916  35 1 0 2.243171 0.537619 -2.866274  36 1 0 4.568224 0.849668 -3.663468  37 1 0 6.448546 0.809429 -2.059382  38 1 0 2.621047 0.005616 1.892248  39 1 0 4.501789 -0.018395 3.470110  40 1 0 6.833551 0.273663 2.655038  41 1 0 7.268745 0.599059 0.247764  42 1 0 -6.462776 -0.678018 2.069903  43 1 0 -4.616867 -0.415717 3.692670  44 1 0 -2.288714 -0.123120 2.896148  45 1 0 -2.588008 -0.248727 -1.893509  46 1 0 -4.435469 -0.510624 -3.490883  47 1 0 -6.769394 -0.795899 -2.680361  48 1 0 -7.242492 -0.817038 -0.258486  49 1 0 2.607071 -2.229299 -0.608329  50 1 0 2.959777 -4.407835 -0.516763  51 1 0 -2.643201 2.318476 0.532470  52 1 0 -2.997129 4.496745 0.438390  53 1 0 2.027528 -5.183711 0.794412  54 1 0 1.479071 -5.344717 -0.865721  55 1 0 -1.540826 5.433056 0.879342  56 1 0 -1.994844 5.287912 -0.810522 |
| TM\_NP\_model\_scan\_p\_100\_m\_100 | 1 6 0 -1.352947 0.183262 -0.376212  2 6 0 -0.525117 1.277930 -0.141171  3 6 0 0.816905 1.131867 0.230713  4 6 0 1.353753 -0.166462 0.374039  5 6 0 0.526316 -1.261219 0.138069  6 6 0 -0.815583 -1.115179 -0.234105  7 6 0 2.773415 -0.408642 0.787868  8 6 0 3.051332 -0.736506 2.098790  9 6 0 4.372417 -0.990504 2.530503  10 6 0 5.415395 -0.917519 1.642927  11 6 0 5.182727 -0.592790 0.281668  12 6 0 3.843959 -0.336207 -0.160568  13 6 0 3.633501 -0.026105 -1.531189  14 6 0 4.685540 0.035371 -2.413203  15 6 0 6.005490 -0.211785 -1.973563  16 6 0 6.244729 -0.519899 -0.657148  17 6 0 -2.773817 0.425731 -0.784995  18 6 0 -3.844638 0.324557 0.160710  19 6 0 -5.184792 0.582062 -0.276729  20 6 0 -5.418678 0.937195 -1.630156  21 6 0 -4.375420 1.039268 -2.514525  22 6 0 -3.053027 0.784169 -2.087708  23 6 0 -3.633095 -0.013193 1.524642  24 6 0 -4.685326 -0.101380 2.404136  25 6 0 -6.006756 0.145237 1.968686  26 6 0 -6.247072 0.480516 0.659152  27 6 0 1.639961 2.332057 0.482942  28 7 0 1.185000 3.508824 0.335640  29 6 0 2.068411 4.622188 0.615394  30 6 0 -1.637002 -2.315753 -0.490283  31 7 0 -1.183250 -3.492247 -0.337387  32 6 0 -2.064190 -4.605991 -0.623281  33 1 0 -0.914616 2.284132 -0.235441  34 1 0 0.915841 -2.267389 0.232582  35 1 0 2.237289 -0.795430 2.812538  36 1 0 4.553681 -1.242603 3.569264  37 1 0 6.432296 -1.110406 1.968299  38 1 0 2.624702 0.158167 -1.878978  39 1 0 4.503060 0.272059 -3.455430  40 1 0 6.826499 -0.160540 -2.679819  41 1 0 7.255243 -0.715567 -0.313562  42 1 0 -6.436681 1.130261 -1.951947  43 1 0 -4.557543 1.315037 -3.547103  44 1 0 -2.238887 0.865369 -2.799141  45 1 0 -2.623297 -0.197024 1.869651  46 1 0 -4.501818 -0.358774 3.441261  47 1 0 -6.827948 0.072425 2.672832  48 1 0 -7.258649 0.676551 0.318918  49 1 0 2.671603 2.150689 0.810243  50 1 0 3.078074 4.319464 0.931298  51 1 0 -2.665905 -2.135033 -0.826414  52 1 0 -3.071113 -4.303690 -0.948198  53 1 0 2.149150 5.250036 -0.277660  54 1 0 1.623252 5.245511 1.397508  55 1 0 -1.612308 -5.230271 -1.400761  56 1 0 -2.152537 -5.232671 0.269865 |
| TM\_NP\_model\_scan\_p\_100\_m\_110 | 1 6 0 1.344897 0.291040 0.334926  2 6 0 0.491484 1.346712 0.021570  3 6 0 -0.848246 1.146013 -0.331536  4 6 0 -1.357089 -0.170205 -0.378713  5 6 0 -0.506569 -1.226036 -0.060931  6 6 0 0.831248 -1.025186 0.299153  7 6 0 -2.773146 -0.473377 -0.763416  8 6 0 -3.052363 -0.899945 -2.045322  9 6 0 -4.369725 -1.217249 -2.445455  10 6 0 -5.407247 -1.109294 -1.555048  11 6 0 -5.172496 -0.684764 -0.221872  12 6 0 -3.837691 -0.362908 0.188156  13 6 0 -3.624240 0.045931 1.532169  14 6 0 -4.670070 0.139302 2.418726  15 6 0 -5.986358 -0.172660 2.010521  16 6 0 -6.228224 -0.575938 0.720550  17 6 0 2.762678 0.600646 0.701070  18 6 0 3.852156 0.276821 -0.172872  19 6 0 5.186506 0.615097 0.226769  20 6 0 5.397819 1.274158 1.464944  21 6 0 4.337688 1.594360 2.273799  22 6 0 3.021809 1.258074 1.887075  23 6 0 3.667054 -0.352025 -1.433903  24 6 0 4.737451 -0.649331 -2.242888  25 6 0 6.053079 -0.330356 -1.838480  26 6 0 6.268265 0.290274 -0.633091  27 6 0 -1.697330 2.306986 -0.667472  28 7 0 -1.269389 3.501084 -0.600881  29 6 0 -2.176922 4.572262 -0.957806  30 6 0 1.664146 -2.186064 0.675719  31 7 0 1.246450 -3.381099 0.571794  32 6 0 2.131174 -4.450942 0.985779  33 1 0 0.861195 2.364581 0.032047  34 1 0 -0.876460 -2.243881 -0.072820  35 1 0 -2.242472 -0.988099 -2.760774  36 1 0 -4.552412 -1.546116 -3.462264  37 1 0 -6.421214 -1.350723 -1.856298  38 1 0 -2.617913 0.280106 1.856144  39 1 0 -4.485409 0.451290 3.440545  40 1 0 -6.802482 -0.095480 2.720080  41 1 0 -7.235891 -0.821485 0.401470  42 1 0 6.411988 1.525352 1.757346  43 1 0 4.501698 2.103899 3.216580  44 1 0 2.194698 1.509882 2.541240  45 1 0 2.663125 -0.592722 -1.759733  46 1 0 4.572108 -1.127773 -3.201682  47 1 0 6.888987 -0.571087 -2.485590  48 1 0 7.274760 0.547280 -0.319372  49 1 0 -2.723742 2.080325 -0.983106  50 1 0 -3.178782 4.225670 -1.252653  51 1 0 2.665650 -1.958887 1.062204  52 1 0 3.108687 -4.102090 1.351076  53 1 0 -2.273804 5.258287 -0.110343  54 1 0 -1.744073 5.149838 -1.780868  55 1 0 1.644435 -5.034299 1.773944  56 1 0 2.289448 -5.132140 0.143716 |
| TM\_NP\_model\_scan\_p\_100\_m\_120 | 1 6 0 -1.339794 0.350842 -0.326575  2 6 0 -0.468223 1.382624 0.019448  3 6 0 0.868329 1.151865 0.364205  4 6 0 1.357392 -0.172447 0.373404  5 6 0 0.490304 -1.204914 0.024966  6 6 0 -0.844162 -0.973870 -0.328597  7 6 0 2.768856 -0.508116 0.746901  8 6 0 3.043580 -0.975140 2.015597  9 6 0 4.356928 -1.321973 2.404300  10 6 0 5.394898 -1.201997 1.515951  11 6 0 5.164632 -0.735357 0.196116  12 6 0 3.833831 -0.384105 -0.202617  13 6 0 3.624581 0.066849 -1.533803  14 6 0 4.670872 0.172980 -2.418389  15 6 0 5.983342 -0.167741 -2.021048  16 6 0 6.220934 -0.612308 -0.743910  17 6 0 -2.759289 0.695530 -0.644902  18 6 0 -3.853652 0.238224 0.163733  19 6 0 -5.187105 0.630257 -0.188570  20 6 0 -5.394216 1.482162 -1.303375  21 6 0 -4.329351 1.945448 -2.032699  22 6 0 -3.015486 1.556353 -1.695163  23 6 0 -3.676929 -0.559626 1.327027  24 6 0 -4.752120 -0.974334 2.075790  25 6 0 -6.066973 -0.613650 1.706090  26 6 0 -6.274787 0.174475 0.601887  27 6 0 1.733377 2.289559 0.737446  28 7 0 1.322840 3.491206 0.707356  29 6 0 2.244603 4.537225 1.100848  30 6 0 -1.680074 -2.110346 -0.769989  31 7 0 -1.294123 -3.315759 -0.664351  32 6 0 -2.172773 -4.357661 -1.155821  33 1 0 -0.823677 2.405086 0.049849  34 1 0 0.845720 -2.227694 0.002357  35 1 0 2.233326 -1.072740 2.729401  36 1 0 4.536242 -1.682751 3.410829  37 1 0 6.405846 -1.465647 1.808607  38 1 0 2.621084 0.323148 -1.849774  39 1 0 4.489460 0.517317 -3.430357  40 1 0 6.799885 -0.079901 -2.728889  41 1 0 7.225615 -0.880133 -0.433454  42 1 0 -6.408176 1.770221 -1.560228  43 1 0 -4.488326 2.608357 -2.875668  44 1 0 -2.185666 1.919802 -2.290660  45 1 0 -2.675676 -0.834349 1.632180  46 1 0 -4.590358 -1.578498 2.961424  47 1 0 -6.906870 -0.951489 2.302647  48 1 0 -7.279678 0.471092 0.319654  49 1 0 2.755492 2.038441 1.048506  50 1 0 3.240280 4.166666 1.387282  51 1 0 -2.651188 -1.855259 -1.212601  52 1 0 -3.117227 -3.979992 -1.575286  53 1 0 2.354274 5.248497 0.276068  54 1 0 1.817506 5.094403 1.940807  55 1 0 -1.648891 -4.936329 -1.923372  56 1 0 -2.399173 -5.051230 -0.339848 |
| TM\_NP\_model\_scan\_p\_100\_m\_130 | 1 6 0 -1.336345 0.399753 -0.322854  2 6 0 -0.448852 1.416018 0.034276  3 6 0 0.885699 1.167180 0.371601  4 6 0 1.358293 -0.162936 0.373957  5 6 0 0.477764 -1.180882 0.017167  6 6 0 -0.853208 -0.930820 -0.335882  7 6 0 2.765267 -0.519320 0.744393  8 6 0 3.034668 -0.996525 2.010447  9 6 0 4.343523 -1.363182 2.396115  10 6 0 5.382140 -1.253295 1.507208  11 6 0 5.156990 -0.777368 0.189810  12 6 0 3.830817 -0.405682 -0.205801  13 6 0 3.626350 0.053867 -1.534800  14 6 0 4.672992 0.148931 -2.420244  15 6 0 5.981002 -0.211877 -2.025936  16 6 0 6.213818 -0.665139 -0.750979  17 6 0 -2.759236 0.766977 -0.592442  18 6 0 -3.856914 0.205511 0.147925  19 6 0 -5.190568 0.637479 -0.157143  20 6 0 -5.396605 1.639955 -1.138297  21 6 0 -4.329174 2.215962 -1.777806  22 6 0 -3.017279 1.784828 -1.493294  23 6 0 -3.688340 -0.723083 1.211820  24 6 0 -4.767446 -1.233045 1.893035  25 6 0 -6.081873 -0.843536 1.553349  26 6 0 -6.283123 0.076222 0.555328  27 6 0 1.765054 2.292324 0.749813  28 7 0 1.370565 3.499372 0.722501  29 6 0 2.305631 4.532056 1.119752  30 6 0 -1.685127 -2.052332 -0.823182  31 7 0 -1.329637 -3.264770 -0.695782  32 6 0 -2.194811 -4.289512 -1.244049  33 1 0 -0.791885 2.441708 0.085598  34 1 0 0.821015 -2.207451 -0.017585  35 1 0 2.223800 -1.086529 2.724548  36 1 0 4.518858 -1.731166 3.400730  37 1 0 6.389652 -1.532290 1.797482  38 1 0 2.626161 0.325404 -1.848573  39 1 0 4.495226 0.499881 -3.430585  40 1 0 6.797843 -0.132665 -2.734452  41 1 0 7.214988 -0.948460 -0.442950  42 1 0 -6.410920 1.955363 -1.358979  43 1 0 -4.485191 2.999062 -2.511060  44 1 0 -2.187813 2.234480 -2.027064  45 1 0 -2.689991 -1.022517 1.500546  46 1 0 -4.607874 -1.934330 2.704374  47 1 0 -6.925236 -1.259285 2.093039  48 1 0 -7.286630 0.402644 0.302646  49 1 0 2.783458 2.026843 1.061142  50 1 0 3.295887 4.147516 1.406560  51 1 0 -2.621716 -1.777747 -1.324657  52 1 0 -3.101935 -3.893788 -1.724799  53 1 0 2.426055 5.243766 0.296822  54 1 0 1.884992 5.092912 1.960506  55 1 0 -1.633391 -4.879667 -1.975432  56 1 0 -2.488504 -4.977074 -0.444601 |
| TM\_NP\_model\_scan\_p\_100\_m\_140 | 1 6 0 -1.335928 0.428417 -0.344600  2 6 0 -0.436515 1.438816 0.006299  3 6 0 0.895616 1.184334 0.345840  4 6 0 1.357252 -0.149193 0.370284  5 6 0 0.468051 -1.162738 0.023964  6 6 0 -0.859517 -0.906157 -0.336766  7 6 0 2.759231 -0.512971 0.751424  8 6 0 3.019294 -0.973744 2.025499  9 6 0 4.323272 -1.346436 2.421806  10 6 0 5.366339 -1.258979 1.535606  11 6 0 5.150715 -0.800408 0.210489  12 6 0 3.829558 -0.422629 -0.195900  13 6 0 3.634455 0.019431 -1.532196  14 6 0 4.685419 0.092353 -2.414627  15 6 0 5.988528 -0.274487 -2.009811  16 6 0 6.212218 -0.711335 -0.727510  17 6 0 -2.764546 0.807136 -0.565137  18 6 0 -3.860301 0.176774 0.126830  19 6 0 -5.196024 0.638310 -0.126328  20 6 0 -5.407842 1.746340 -0.984100  21 6 0 -4.342050 2.400237 -1.546375  22 6 0 -3.030914 1.937389 -1.320751  23 6 0 -3.693107 -0.838292 1.109357  24 6 0 -4.770977 -1.411750 1.740260  25 6 0 -6.086895 -1.003448 1.431532  26 6 0 -6.288246 0.006498 0.525550  27 6 0 1.782566 2.308143 0.710692  28 7 0 1.397569 3.517672 0.665106  29 6 0 2.339474 4.548827 1.050074  30 6 0 -1.679701 -2.025648 -0.850890  31 7 0 -1.340158 -3.239915 -0.701519  32 6 0 -2.185660 -4.261080 -1.285955  33 1 0 -0.769567 2.467346 0.058943  34 1 0 0.802448 -2.192507 -0.000597  35 1 0 2.204842 -1.045941 2.737545  36 1 0 4.491297 -1.701099 3.432440  37 1 0 6.370137 -1.542702 1.834046  38 1 0 2.638001 0.295375 -1.853905  39 1 0 4.514832 0.430340 -3.430604  40 1 0 6.808843 -0.212873 -2.716057  41 1 0 7.209572 -0.999092 -0.411329  42 1 0 -6.423553 2.081774 -1.164956  43 1 0 -4.498851 3.268699 -2.175938  44 1 0 -2.207226 2.448244 -1.805826  45 1 0 -2.696334 -1.154287 1.382558  46 1 0 -4.607550 -2.177514 2.490194  47 1 0 -6.929693 -1.471842 1.927136  48 1 0 -7.291706 0.355303 0.304664  49 1 0 2.798177 2.039273 1.028162  50 1 0 3.326185 4.160905 1.344392  51 1 0 -2.589382 -1.745753 -1.397167  52 1 0 -3.062520 -3.861104 -1.816761  53 1 0 2.467014 5.248071 0.217616  54 1 0 1.921340 5.124348 1.882098  55 1 0 -1.592875 -4.863080 -1.981985  56 1 0 -2.527904 -4.938429 -0.497138 |
| TM\_NP\_model\_scan\_p\_100\_p\_20 | 1 6 0 -1.438146 0.455229 -0.116174  2 6 0 -0.756221 -0.721118 -0.460791  3 6 0 0.629789 -0.792285 -0.624813  4 6 0 1.398999 0.382313 -0.500865  5 6 0 0.736608 1.567379 -0.195593  6 6 0 -0.647613 1.633298 -0.005952  7 6 0 2.882078 0.406250 -0.702464  8 6 0 3.395223 0.848200 -1.904517  9 6 0 4.788064 0.899699 -2.135633  10 6 0 5.665848 0.507239 -1.157624  11 6 0 5.189829 0.051898 0.098888  12 6 0 3.777937 0.000274 0.338455  13 6 0 3.324429 -0.445717 1.609147  14 6 0 4.213930 -0.828031 2.584437  15 6 0 5.605509 -0.782986 2.343537  16 6 0 6.078919 -0.351228 1.129170  17 6 0 -2.923376 0.479062 -0.277153  18 6 0 -3.767273 -0.601507 0.185901  19 6 0 -5.182779 -0.524658 -0.042358  20 6 0 -5.742594 0.643737 -0.617357  21 6 0 -4.941656 1.710701 -0.926557  22 6 0 -3.547768 1.629535 -0.735652  23 6 0 -3.292043 -1.720815 0.924571  24 6 0 -4.133912 -2.729897 1.329025  25 6 0 -5.510330 -2.685960 1.023394  26 6 0 -6.019832 -1.597492 0.362464  27 6 0 1.254997 -2.083035 -0.980254  28 7 0 0.591399 -3.164467 -1.036504  29 6 0 1.292607 -4.377191 -1.406022  30 6 0 -1.196199 2.912841 0.501281  31 7 0 -0.610041 4.024885 0.319351  32 6 0 -1.183931 5.206135 0.932196  33 1 0 -1.305794 -1.626505 -0.675117  34 1 0 1.298807 2.484749 -0.073573  35 1 0 2.712796 1.158135 -2.687914  36 1 0 5.155831 1.250349 -3.093330  37 1 0 6.736492 0.542022 -1.329934  38 1 0 2.260017 -0.475809 1.806251  39 1 0 3.847318 -1.163635 3.548051  40 1 0 6.296527 -1.086934 3.121730  41 1 0 7.146419 -0.309855 0.938916  42 1 0 -6.813768 0.684852 -0.783831  43 1 0 -5.367057 2.618043 -1.340034  44 1 0 -2.943619 2.458727 -1.078670  45 1 0 -2.249664 -1.773978 1.201862  46 1 0 -3.734839 -3.562951 1.896622  47 1 0 -6.161594 -3.495485 1.332900  48 1 0 -7.082637 -1.527174 0.155402  49 1 0 2.330679 -2.055545 -1.196515  50 1 0 2.365752 -4.227909 -1.597708  51 1 0 -2.120690 2.840424 1.089529  52 1 0 -2.107335 5.009315 1.498116  53 1 0 1.174011 -5.117951 -0.608897  54 1 0 0.827372 -4.802202 -2.301124  55 1 0 -0.446783 5.656089 1.604902  56 1 0 -1.394312 5.949085 0.156322 |
| TM\_NP\_model\_scan\_p\_100\_p\_30 | 1 6 0 -1.435994 0.430903 -0.197647  2 6 0 -0.741357 -0.731584 -0.554813  3 6 0 0.648253 -0.779919 -0.694619  4 6 0 1.400239 0.399579 -0.511350  5 6 0 0.720865 1.567285 -0.177913  6 6 0 -0.668777 1.612304 -0.019010  7 6 0 2.887509 0.444623 -0.677932  8 6 0 3.423244 0.933206 -1.851661  9 6 0 4.820390 1.006041 -2.048822  10 6 0 5.679800 0.588045 -1.065105  11 6 0 5.180134 0.084738 0.163604  12 6 0 3.763745 0.011581 0.368805  13 6 0 3.286252 -0.482445 1.612589  14 6 0 4.157256 -0.889775 2.594424  15 6 0 5.553416 -0.823331 2.387225  16 6 0 6.049718 -0.345495 1.199566  17 6 0 -2.922120 0.442835 -0.334892  18 6 0 -3.752735 -0.608026 0.201779  19 6 0 -5.171320 -0.547262 -0.007288  20 6 0 -5.738136 0.571806 -0.667639  21 6 0 -4.941517 1.606082 -1.083943  22 6 0 -3.545269 1.543327 -0.901434  23 6 0 -3.253047 -1.684411 0.985705  24 6 0 -4.083529 -2.666638 1.470829  25 6 0 -5.469122 -2.634118 1.204669  26 6 0 -5.997323 -1.589814 0.488899  27 6 0 1.298021 -2.049914 -1.079518  28 7 0 0.648242 -3.134772 -1.197309  29 6 0 1.373587 -4.325702 -1.590123  30 6 0 -1.260642 2.869884 0.491246  31 7 0 -0.667787 3.988855 0.390500  32 6 0 -1.294542 5.148850 0.991672  33 1 0 -1.282098 -1.638389 -0.789596  34 1 0 1.271577 2.484665 -0.011345  35 1 0 2.755494 1.263634 -2.639330  36 1 0 5.206144 1.393509 -2.985014  37 1 0 6.753666 0.638926 -1.211408  38 1 0 2.217985 -0.529427 1.783752  39 1 0 3.772342 -1.262015 3.537224  40 1 0 6.229728 -1.147529 3.170156  41 1 0 7.120781 -0.287596 1.035426  42 1 0 -6.811725 0.601318 -0.820700  43 1 0 -5.374065 2.472072 -1.572006  44 1 0 -2.938650 2.343771 -1.305718  45 1 0 -2.199937 -1.723938 1.224535  46 1 0 -3.669899 -3.470023 2.069938  47 1 0 -6.111980 -3.421215 1.582220  48 1 0 -7.064972 -1.534302 0.303382  49 1 0 2.379268 -2.003820 -1.262137  50 1 0 2.450041 -4.158449 -1.744993  51 1 0 -2.228019 2.776564 1.001685  52 1 0 -2.259710 4.932477 1.474619  53 1 0 1.240658 -5.096411 -0.824243  54 1 0 0.939055 -4.722557 -2.513153  55 1 0 -0.616005 5.578663 1.735527  56 1 0 -1.444851 5.915573 0.225033 |
| TM\_NP\_model\_scan\_p\_100\_p\_40 | 1 6 0 -1.434629 0.410435 -0.280177  2 6 0 -0.726994 -0.737805 -0.649512  3 6 0 0.665816 -0.766013 -0.762613  4 6 0 1.400368 0.415348 -0.522298  5 6 0 0.703999 1.565158 -0.162708  6 6 0 -0.689904 1.591178 -0.034602  7 6 0 2.890655 0.480150 -0.654943  8 6 0 3.446280 1.013795 -1.799404  9 6 0 4.846485 1.107934 -1.963278  10 6 0 5.689057 0.666265 -0.975340  11 6 0 5.168495 0.116598 0.224475  12 6 0 3.748903 0.021585 0.395783  13 6 0 3.250129 -0.518973 1.611490  14 6 0 4.104036 -0.949648 2.598355  15 6 0 5.503543 -0.861461 2.424403  16 6 0 6.020124 -0.338921 1.264559  17 6 0 -2.922362 0.407329 -0.393877  18 6 0 -3.736241 -0.609432 0.219036  19 6 0 -5.157332 -0.570645 0.025725  20 6 0 -5.735884 0.487354 -0.720061  21 6 0 -4.948493 1.481932 -1.239810  22 6 0 -3.549979 1.442976 -1.065205  23 6 0 -3.211185 -1.634087 1.053474  24 6 0 -4.026704 -2.585847 1.617577  25 6 0 -5.419075 -2.569914 1.384139  26 6 0 -5.968103 -1.578317 0.610908  27 6 0 1.339360 -2.016188 -1.170630  28 7 0 0.704448 -3.102573 -1.342917  29 6 0 1.453223 -4.273250 -1.752287  30 6 0 -1.321243 2.828232 0.475765  31 7 0 -0.724330 3.949594 0.459778  32 6 0 -1.401248 5.089788 1.044091  33 1 0 -1.258192 -1.645290 -0.905773  34 1 0 1.242520 2.481021 0.046793  35 1 0 2.792080 1.363820 -2.589998  36 1 0 5.248001 1.530815 -2.877251  37 1 0 6.765204 0.733529 -1.095994  38 1 0 2.178960 -0.583112 1.756901  39 1 0 3.702930 -1.357351 3.519480  40 1 0 6.166319 -1.204460 3.210892  41 1 0 7.093795 -0.264229 1.126221  42 1 0 -6.811427 0.501040 -0.861402  43 1 0 -5.391340 2.297479 -1.800232  44 1 0 -2.945628 2.212689 -1.529968  45 1 0 -2.150026 -1.657304 1.259390  46 1 0 -3.597347 -3.352638 2.252535  47 1 0 -6.050388 -3.331490 1.827799  48 1 0 -7.039468 -1.541360 0.443077  49 1 0 2.424829 -1.953978 -1.320365  50 1 0 2.531590 -4.090401 -1.872409  51 1 0 -2.326598 2.719115 0.901877  52 1 0 -2.400940 4.857094 1.441616  53 1 0 1.308058 -5.068651 -1.014370  54 1 0 1.048130 -4.645725 -2.698570  55 1 0 -0.785525 5.497676 1.852155  56 1 0 -1.492930 5.879204 0.291347 |
| TM\_NP\_model\_scan\_p\_100\_p\_50 | 1 6 0 -1.434708 0.394947 -0.369078  2 6 0 -0.712034 -0.737185 -0.752170  3 6 0 0.683430 -0.746470 -0.835991  4 6 0 1.399057 0.434030 -0.537456  5 6 0 0.684058 1.565095 -0.155835  6 6 0 -0.713233 1.572968 -0.060920  7 6 0 2.891645 0.516966 -0.631744  8 6 0 3.469619 1.094406 -1.743405  9 6 0 4.872380 1.207527 -1.869207  10 6 0 5.695120 0.740741 -0.876089  11 6 0 5.151064 0.145357 0.291008  12 6 0 3.728784 0.030935 0.423622  13 6 0 3.206091 -0.556045 1.607338  14 6 0 4.039928 -1.012576 2.599700  15 6 0 5.442282 -0.905122 2.463645  16 6 0 5.981655 -0.337735 1.335699  17 6 0 -2.924441 0.368680 -0.461163  18 6 0 -3.713303 -0.606515 0.239150  19 6 0 -5.136719 -0.603594 0.062384  20 6 0 -5.736819 0.374182 -0.771118  21 6 0 -4.968174 1.321880 -1.396830  22 6 0 -3.567152 1.318745 -1.234488  23 6 0 -3.155899 -1.559543 1.134784  24 6 0 -3.947633 -2.475271 1.785282  25 6 0 -5.345074 -2.490466 1.581146  26 6 0 -5.922673 -1.570401 0.742671  27 6 0 1.381054 -1.976223 -1.264729  28 7 0 0.762358 -3.062012 -1.491392  29 6 0 1.534766 -4.212089 -1.914829  30 6 0 -1.381920 2.790665 0.445955  31 7 0 -0.783629 3.908866 0.522172  32 6 0 -1.507028 5.032197 1.082342  33 1 0 -1.231735 -1.644697 -1.032761  34 1 0 1.208552 2.478618 0.095480  35 1 0 2.831448 1.465133 -2.537678  36 1 0 5.291694 1.665023 -2.758174  37 1 0 6.773130 0.822560 -0.967567  38 1 0 2.132429 -0.635353 1.723756  39 1 0 3.620650 -1.455693 3.496032  40 1 0 6.089143 -1.268891 3.254045  41 1 0 7.057574 -0.248157 1.226725  42 1 0 -6.814126 0.362763 -0.898852  43 1 0 -5.428700 2.072252 -2.029445  44 1 0 -2.974085 2.053425 -1.766792  45 1 0 -2.088694 -1.555841 1.311565  46 1 0 -3.496588 -3.189657 2.464768  47 1 0 -5.957833 -3.222185 2.095468  48 1 0 -6.997156 -1.562644 0.591613  49 1 0 2.469816 -1.899425 -1.379683  50 1 0 2.614224 -4.015444 -1.997602  51 1 0 -2.420631 2.671475 0.778394  52 1 0 -2.537296 4.790964 1.385228  53 1 0 1.376452 -5.031550 -1.206509  54 1 0 1.161074 -4.558637 -2.883614  55 1 0 -0.962116 5.412315 1.952398  56 1 0 -1.533069 5.845122 0.349694 |
| TM\_NP\_model\_scan\_p\_100\_p\_60 | 1 6 0 -1.435905 0.377444 -0.469383  2 6 0 -0.693009 -0.736363 -0.862585  3 6 0 0.704263 -0.724746 -0.913943  4 6 0 1.396318 0.455080 -0.559884  5 6 0 0.658294 1.566838 -0.165974  6 6 0 -0.741551 1.554765 -0.108750  7 6 0 2.890144 0.555910 -0.608864  8 6 0 3.494196 1.171646 -1.685507  9 6 0 4.898886 1.300476 -1.767321  10 6 0 5.697357 0.810208 -0.765739  11 6 0 5.125866 0.174489 0.366442  12 6 0 3.701492 0.044666 0.454772  13 6 0 3.150897 -0.583245 1.604378  14 6 0 3.960403 -1.064625 2.605102  15 6 0 5.365031 -0.942216 2.512262  16 6 0 5.930929 -0.334929 1.418607  17 6 0 -2.927235 0.315703 -0.544961  18 6 0 -3.681867 -0.600222 0.260952  19 6 0 -5.106642 -0.648779 0.107292  20 6 0 -5.738481 0.216665 -0.821439  21 6 0 -4.999045 1.102459 -1.563126  22 6 0 -3.595988 1.151033 -1.419518  23 6 0 -3.084106 -1.448402 1.232386  24 6 0 -3.842579 -2.310270 1.987433  25 6 0 -5.243517 -2.372040 1.816422  26 6 0 -5.857862 -1.556258 0.899536  27 6 0 1.429112 -1.932953 -1.358344  28 7 0 0.830212 -3.017290 -1.638899  29 6 0 1.628716 -4.145423 -2.072723  30 6 0 -1.448865 2.753920 0.387454  31 7 0 -0.856276 3.863866 0.563586  32 6 0 -1.625640 4.971833 1.091750  33 1 0 -1.196685 -1.645682 -1.166706  34 1 0 1.164476 2.479468 0.123401  35 1 0 2.875659 1.560856 -2.486453  36 1 0 5.339104 1.788432 -2.629586  37 1 0 6.776732 0.903716 -0.823790  38 1 0 2.075151 -0.674235 1.688195  39 1 0 3.519926 -1.539027 3.474865  40 1 0 5.992534 -1.326089 3.308737  41 1 0 7.008673 -0.233640 1.343080  42 1 0 -6.816712 0.168277 -0.931609  43 1 0 -5.484766 1.764558 -2.270996  44 1 0 -3.024853 1.840335 -2.031335  45 1 0 -2.012656 -1.407777 1.378327  46 1 0 -3.363333 -2.946694 2.722808  47 1 0 -5.829957 -3.059586 2.415446  48 1 0 -6.934622 -1.588985 0.769292  49 1 0 2.520016 -1.841417 -1.435873  50 1 0 2.708026 -3.935297 -2.114272  51 1 0 -2.515002 2.629411 0.614011  52 1 0 -2.682251 4.729110 1.281188  53 1 0 1.456842 -4.988404 -1.395881  54 1 0 1.290232 -4.464898 -3.063506  55 1 0 -1.167881 5.313579 2.025607  56 1 0 -1.573876 5.811966 0.391886 |
| TM\_NP\_model\_scan\_p\_100\_p\_70 | 1 6 0 -1.432041 0.315689 -0.546013  2 6 0 -0.664180 -0.785567 -0.921107  3 6 0 0.734141 -0.748158 -0.942030  4 6 0 1.396587 0.443134 -0.569610  5 6 0 0.631069 1.539918 -0.185582  6 6 0 -0.769211 1.501989 -0.161113  7 6 0 2.888831 0.574313 -0.595509  8 6 0 3.494117 1.210011 -1.659887  9 6 0 4.896652 1.368909 -1.722210  10 6 0 5.691923 0.889058 -0.713080  11 6 0 5.118941 0.234132 0.407306  12 6 0 3.696539 0.073610 0.475702  13 6 0 3.144150 -0.573208 1.613869  14 6 0 3.950286 -1.043576 2.622518  15 6 0 5.353117 -0.890764 2.549366  16 6 0 5.920519 -0.264746 1.467124  17 6 0 -2.923313 0.223539 -0.632431  18 6 0 -3.676071 -0.576067 0.287660  19 6 0 -5.098516 -0.661456 0.130258  20 6 0 -5.726892 0.048963 -0.924275  21 6 0 -4.986264 0.817098 -1.786170  22 6 0 -3.585061 0.902888 -1.636097  23 6 0 -3.075586 -1.277100 1.368405  24 6 0 -3.832394 -2.029797 2.233750  25 6 0 -5.232504 -2.122778 2.067996  26 6 0 -5.847829 -1.451600 1.040725  27 6 0 1.490690 -1.941648 -1.372867  28 7 0 0.918019 -3.034979 -1.672835  29 6 0 1.746866 -4.147500 -2.089554  30 6 0 -1.518081 2.688698 0.301122  31 7 0 -0.946996 3.797056 0.544742  32 6 0 -1.763535 4.894847 1.020608  33 1 0 -1.146711 -1.704629 -1.230608  34 1 0 1.114508 2.460896 0.116105  35 1 0 2.878179 1.591324 -2.466619  36 1 0 5.337798 1.871747 -2.575410  37 1 0 6.769744 1.005780 -0.755990  38 1 0 2.069547 -0.687703 1.682343  39 1 0 3.508491 -1.532749 3.483377  40 1 0 5.977983 -1.266194 3.351908  41 1 0 6.996769 -0.140070 1.406785  42 1 0 -6.803589 -0.024853 -1.035756  43 1 0 -5.469664 1.358230 -2.591730  44 1 0 -3.011232 1.502316 -2.334129  45 1 0 -2.003799 -1.211854 1.505623  46 1 0 -3.353206 -2.556291 3.051525  47 1 0 -5.817651 -2.722216 2.756299  48 1 0 -6.923349 -1.513032 0.910572  49 1 0 2.581446 -1.831189 -1.422375  50 1 0 2.823142 -3.918833 -2.102107  51 1 0 -2.599178 2.557134 0.434749  52 1 0 -2.830743 4.644694 1.118654  53 1 0 1.571921 -4.995954 -1.420382  54 1 0 1.439980 -4.468894 -3.089979  55 1 0 -1.386611 5.227157 1.993180  56 1 0 -1.658642 5.743662 0.337363 |
| TM\_NP\_model\_scan\_p\_100\_p\_80 | 1 6 0 -1.426037 0.221270 -0.633853  2 6 0 -0.628536 -0.873362 -0.959710  3 6 0 0.769260 -0.804589 -0.955352  4 6 0 1.397463 0.411807 -0.605802  5 6 0 0.600630 1.503588 -0.273898  6 6 0 -0.798588 1.434591 -0.277651  7 6 0 2.886959 0.573986 -0.603573  8 6 0 3.502808 1.189516 -1.673724  9 6 0 4.902998 1.374555 -1.711217  10 6 0 5.685332 0.941412 -0.671325  11 6 0 5.100957 0.309474 0.456348  12 6 0 3.680796 0.122486 0.499510  13 6 0 3.116534 -0.500802 1.644952  14 6 0 3.909496 -0.923955 2.684490  15 6 0 5.310309 -0.744947 2.636520  16 6 0 5.888807 -0.140673 1.547820  17 6 0 -2.915612 0.084144 -0.719769  18 6 0 -3.663175 -0.534382 0.332904  19 6 0 -5.082352 -0.673791 0.188295  20 6 0 -5.711751 -0.195268 -0.989343  21 6 0 -4.974699 0.398905 -1.981973  22 6 0 -3.575818 0.537639 -1.843446  23 6 0 -3.056614 -1.009206 1.527070  24 6 0 -3.806627 -1.594953 2.518273  25 6 0 -5.204698 -1.737899 2.370177  26 6 0 -5.824719 -1.286455 1.231485  27 6 0 1.560347 -1.993113 -1.334421  28 7 0 1.017540 -3.105317 -1.620290  29 6 0 1.879149 -4.211262 -1.984779  30 6 0 -1.588144 2.621405 0.109109  31 7 0 -1.046319 3.740675 0.368687  32 6 0 -1.905477 4.841130 0.754940  33 1 0 -1.085325 -1.813568 -1.243687  34 1 0 1.057488 2.445309 0.004377  35 1 0 2.897357 1.533559 -2.504787  36 1 0 5.352793 1.860205 -2.569844  37 1 0 6.761364 1.078397 -0.695017  38 1 0 2.043218 -0.635542 1.693689  39 1 0 3.458687 -1.396037 3.550206  40 1 0 5.924761 -1.083194 3.463275  41 1 0 6.963452 0.004044 1.506646  42 1 0 -6.786165 -0.307163 -1.090752  43 1 0 -5.459261 0.762420 -2.881137  44 1 0 -3.005280 1.001970 -2.640125  45 1 0 -1.985725 -0.905113 1.648204  46 1 0 -3.324104 -1.951130 3.421525  47 1 0 -5.784541 -2.203794 3.158986  48 1 0 -6.898215 -1.390650 1.112310  49 1 0 2.649590 -1.861672 -1.358566  50 1 0 2.950612 -3.960846 -1.975884  51 1 0 -2.675066 2.481102 0.166817  52 1 0 -2.974449 4.581237 0.782751  53 1 0 1.703629 -5.044607 -1.297033  54 1 0 1.605097 -4.565981 -2.983474  55 1 0 -1.602658 5.203497 1.742517  56 1 0 -1.759808 5.672554 0.057896 |
| TM\_NP\_model\_scan\_p\_100\_p\_90 | 1 6 0 -1.416329 0.045539 -0.707960  2 6 0 -0.587934 -1.056989 -0.900719  3 6 0 0.808053 -0.951576 -0.886618  4 6 0 1.400155 0.311839 -0.666489  5 6 0 0.571599 1.414011 -0.474745  6 6 0 -0.824831 1.308823 -0.490997  7 6 0 2.884783 0.513425 -0.657537  8 6 0 3.506833 1.020987 -1.779509  9 6 0 4.901821 1.242455 -1.811700  10 6 0 5.672691 0.954808 -0.714400  11 6 0 5.081316 0.438147 0.467098  12 6 0 3.666319 0.214415 0.504666  13 6 0 3.094506 -0.291119 1.703278  14 6 0 3.875934 -0.568465 2.799169  15 6 0 5.271845 -0.353188 2.757519  16 6 0 5.857152 0.140141 1.617693  17 6 0 -2.901812 -0.143874 -0.771516  18 6 0 -3.655544 -0.452445 0.405729  19 6 0 -5.070897 -0.646833 0.294015  20 6 0 -5.690261 -0.529516 -0.976885  21 6 0 -4.946714 -0.232050 -2.090445  22 6 0 -3.551066 -0.039038 -1.984066  23 6 0 -3.056527 -0.570306 1.688853  24 6 0 -3.811607 -0.864161 2.798686  25 6 0 -5.206827 -1.057646 2.685839  26 6 0 -5.818736 -0.951327 1.461312  27 6 0 1.634082 -2.153783 -1.118941  28 7 0 1.122620 -3.302229 -1.300194  29 6 0 2.016473 -4.419616 -1.525450  30 6 0 -1.651180 2.513906 -0.276323  31 7 0 -1.139930 3.662916 -0.097700  32 6 0 -2.034403 4.782989 0.111116  33 1 0 -1.017413 -2.035589 -1.076986  34 1 0 1.001068 2.393486 -0.303781  35 1 0 2.910596 1.249847 -2.655710  36 1 0 5.356833 1.640483 -2.711679  37 1 0 6.744689 1.121057 -0.733267  38 1 0 2.024669 -0.452784 1.746849  39 1 0 3.419519 -0.952332 3.704657  40 1 0 5.876982 -0.575598 3.629208  41 1 0 6.927889 0.312224 1.580373  42 1 0 -6.762197 -0.679309 -1.052391  43 1 0 -5.423731 -0.144286 -3.060080  44 1 0 -2.975902 0.193143 -2.873448  45 1 0 -1.987362 -0.426993 1.783638  46 1 0 -3.335281 -0.950051 3.768887  47 1 0 -5.790926 -1.290540 3.569066  48 1 0 -6.889722 -1.098794 1.367877  49 1 0 2.720627 -1.999757 -1.129729  50 1 0 3.081993 -4.145083 -1.514080  51 1 0 -2.738060 2.361491 -0.277585  52 1 0 -3.100195 4.509866 0.090816  53 1 0 1.838060 -5.181920 -0.760364  54 1 0 1.778473 -4.881205 -2.489134  55 1 0 -1.805983 5.249877 1.074529  56 1 0 -1.846827 5.540641 -0.656461 |
| TM\_NP\_model\_scan\_p\_100\_p\_100 | 1 6 0 -1.404115 -0.176703 -0.702726  2 6 0 -0.542086 -1.270194 -0.705564  3 6 0 0.850224 -1.122175 -0.709251  4 6 0 1.404081 0.177000 -0.702707  5 6 0 0.542058 1.270500 -0.705419  6 6 0 -0.850244 1.122487 -0.709089  7 6 0 2.882243 0.420676 -0.725377  8 6 0 3.496994 0.751527 -1.915259  9 6 0 4.885945 1.001693 -1.982119  10 6 0 5.658078 0.919636 -0.851589  11 6 0 5.074018 0.588983 0.398297  12 6 0 3.664989 0.338022 0.470970  13 6 0 3.100131 0.020328 1.735518  14 6 0 3.882773 -0.053782 2.862642  15 6 0 5.273011 0.187717 2.787379  16 6 0 5.851364 0.503094 1.582752  17 6 0 -2.882255 -0.420452 -0.725481  18 6 0 -3.665020 -0.338135 0.470900  19 6 0 -5.074016 -0.589220 0.398190  20 6 0 -5.658056 -0.919712 -0.851764  21 6 0 -4.885914 -1.001504 -1.982295  22 6 0 -3.496980 -0.751191 -1.915394  23 6 0 -3.100174 -0.020639 1.735492  24 6 0 -3.882810 0.053162 2.862650  25 6 0 -5.273015 -0.188453 2.787353  26 6 0 -5.851357 -0.503636 1.582659  27 6 0 1.712340 -2.321325 -0.736436  28 7 0 1.236251 -3.498721 -0.712166  29 6 0 2.163951 -4.610646 -0.748125  30 6 0 -1.712343 2.321648 -0.735989  31 7 0 -1.236208 3.499030 -0.711786  32 6 0 -2.163893 4.610974 -0.747351  33 1 0 -0.941106 -2.277048 -0.708598  34 1 0 0.941089 2.277349 -0.708336  35 1 0 2.899770 0.815820 -2.817901  36 1 0 5.335334 1.257181 -2.935104  37 1 0 6.725502 1.108706 -0.896478  38 1 0 2.034818 -0.161405 1.803462  39 1 0 3.431821 -0.296885 3.818197  40 1 0 5.879254 0.125969 3.684123  41 1 0 6.917628 0.694063 1.518644  42 1 0 -6.725461 -1.108879 -0.896675  43 1 0 -5.335250 -1.256893 -2.935332  44 1 0 -2.899772 -0.815296 -2.818061  45 1 0 -2.034882 0.161221 1.803445  46 1 0 -3.431861 0.296093 3.818251  47 1 0 -5.879263 -0.126950 3.684111  48 1 0 -6.917608 -0.694668 1.518528  49 1 0 2.793514 -2.139016 -0.783118  50 1 0 3.220299 -4.306141 -0.795427  51 1 0 -2.793537 2.139399 -0.782341  52 1 0 -3.220262 4.306498 -0.794358  53 1 0 2.013198 -5.232398 0.140079  54 1 0 1.936318 -5.240347 -1.614156  55 1 0 -2.012858 5.232625 0.140879  56 1 0 -1.936509 5.240768 -1.613379 |
| TM\_NP\_model\_scan\_p\_100\_p\_110 | 1 6 0 1.394110 0.340211 -0.657185  2 6 0 0.511507 1.408168 -0.512645  3 6 0 -0.877838 1.238272 -0.538376  4 6 0 -1.408975 -0.058633 -0.711421  5 6 0 -0.527670 -1.126103 -0.862755  6 6 0 0.861669 -0.955624 -0.842956  7 6 0 -2.882616 -0.322373 -0.769046  8 6 0 -3.491829 -0.496576 -1.994530  9 6 0 -4.876057 -0.759567 -2.098451  10 6 0 -5.648800 -0.849947 -0.968988  11 6 0 -5.069640 -0.689031 0.315998  12 6 0 -3.665408 -0.424589 0.425889  13 6 0 -3.104953 -0.282363 1.723862  14 6 0 -3.887309 -0.386843 2.848840  15 6 0 -5.272931 -0.640746 2.737780  16 6 0 -5.846914 -0.789128 1.499415  17 6 0 2.865138 0.615415 -0.625734  18 6 0 3.678418 0.225479 0.488310  19 6 0 5.078563 0.531190 0.466403  20 6 0 5.623775 1.222767 -0.645695  21 6 0 4.821335 1.606027 -1.689680  22 6 0 3.441941 1.303474 -1.674306  23 6 0 3.152524 -0.438327 1.629572  24 6 0 3.964135 -0.796290 2.679233  25 6 0 5.346939 -0.508154 2.647592  26 6 0 5.887251 0.142895 1.566475  27 6 0 -1.760422 2.414626 -0.400721  28 7 0 -1.304213 3.587417 -0.227937  29 6 0 -2.251177 4.677225 -0.109370  30 6 0 1.741010 -2.123639 -1.055427  31 7 0 1.285459 -3.305242 -1.153907  32 6 0 2.227717 -4.382819 -1.376807  33 1 0 0.892808 2.412057 -0.372017  34 1 0 -0.909554 -2.129049 -1.008593  35 1 0 -2.894113 -0.424060 -2.896238  36 1 0 -5.321405 -0.887692 -3.078602  37 1 0 -6.712714 -1.049802 -1.041904  38 1 0 -2.042834 -0.094392 1.819666  39 1 0 -3.439294 -0.277100 3.830076  40 1 0 -5.878818 -0.721181 3.633272  41 1 0 -6.909384 -0.989364 1.406988  42 1 0 6.684959 1.448569 -0.652113  43 1 0 5.239625 2.140592 -2.535050  44 1 0 2.821589 1.605537 -2.510630  45 1 0 2.092924 -0.657004 1.669388  46 1 0 3.540762 -1.300088 3.540904  47 1 0 5.976667 -0.797127 3.481500  48 1 0 6.946669 0.376063 1.538899  49 1 0 -2.838794 2.219978 -0.460275  50 1 0 -3.302674 4.361646 -0.183931  51 1 0 2.815150 -1.913326 -1.131675  52 1 0 3.274966 -4.050780 -1.438608  53 1 0 -2.099242 5.182079 0.849949  54 1 0 -2.046067 5.417691 -0.889156  55 1 0 2.134426 -5.114303 -0.567810  56 1 0 1.964660 -4.904153 -2.302772 |
| TM\_NP\_model\_scan\_p\_100\_p\_120 | 1 6 0 1.387966 0.430684 -0.637309  2 6 0 0.487768 1.475593 -0.434552  3 6 0 -0.898631 1.288666 -0.471495  4 6 0 -1.411977 -0.004441 -0.711450  5 6 0 -0.515123 -1.048631 -0.922665  6 6 0 0.871567 -0.860209 -0.896074  7 6 0 -2.881469 -0.287498 -0.780066  8 6 0 -3.491513 -0.406386 -2.011786  9 6 0 -4.871005 -0.688889 -2.126438  10 6 0 -5.637940 -0.855225 -1.001647  11 6 0 -5.057641 -0.752655 0.288795  12 6 0 -3.658305 -0.467772 0.409479  13 6 0 -3.096300 -0.384688 1.711970  14 6 0 -3.872853 -0.564244 2.831483  15 6 0 -5.253727 -0.838371 2.710136  16 6 0 -5.828890 -0.931154 1.466898  17 6 0 2.851295 0.725208 -0.551435  18 6 0 3.682355 0.159431 0.472764  19 6 0 5.073003 0.506700 0.507515  20 6 0 5.590203 1.418283 -0.448041  21 6 0 4.767624 1.980382 -1.390330  22 6 0 3.399415 1.636956 -1.433202  23 6 0 3.183936 -0.707941 1.482789  24 6 0 4.013445 -1.226727 2.447872  25 6 0 5.389224 -0.906180 2.460613  26 6 0 5.902119 -0.055535 1.513450  27 6 0 -1.797303 2.443361 -0.269130  28 7 0 -1.357230 3.612184 -0.037630  29 6 0 -2.319174 4.680269 0.142188  30 6 0 1.761219 -1.998375 -1.208761  31 7 0 1.326646 -3.186568 -1.320336  32 6 0 2.274101 -4.229803 -1.656532  33 1 0 0.853733 2.473990 -0.229413  34 1 0 -0.883025 -2.046596 -1.126806  35 1 0 -2.898268 -0.274513 -2.909698  36 1 0 -5.317311 -0.771981 -3.110993  37 1 0 -6.698067 -1.071373 -1.082790  38 1 0 -2.037543 -0.182203 1.815631  39 1 0 -3.423701 -0.498724 3.816132  40 1 0 -5.855030 -0.978409 3.601364  41 1 0 -6.887687 -1.146335 1.366304  42 1 0 6.644679 1.671048 -0.412454  43 1 0 5.161958 2.687401 -2.111427  44 1 0 2.764889 2.079804 -2.192578  45 1 0 2.130176 -0.954426 1.494519  46 1 0 3.608391 -1.882832 3.210122  47 1 0 6.033454 -1.325277 3.225310  48 1 0 6.954421 0.209029 1.524446  49 1 0 -2.873038 2.235970 -0.333613  50 1 0 -3.366390 4.353601 0.056270  51 1 0 2.821802 -1.758434 -1.355493  52 1 0 3.305912 -3.868464 -1.781092  53 1 0 -2.169251 5.136501 1.125873  54 1 0 -2.129135 5.463408 -0.598775  55 1 0 2.258022 -4.994811 -0.873820  56 1 0 1.954759 -4.720548 -2.581505 |
| TM\_NP\_model\_scan\_p\_100\_p\_130 | 1 6 0 1.382935 0.484075 -0.637046  2 6 0 0.464805 1.512359 -0.420575  3 6 0 -0.918371 1.308068 -0.462164  4 6 0 -1.415046 0.010536 -0.711990  5 6 0 -0.503331 -1.017495 -0.937572  6 6 0 0.880514 -0.810270 -0.912181  7 6 0 -2.880508 -0.292695 -0.777340  8 6 0 -3.494717 -0.409024 -2.007221  9 6 0 -4.870702 -0.709736 -2.117915  10 6 0 -5.629897 -0.896423 -0.991069  11 6 0 -5.045005 -0.796780 0.297535  12 6 0 -3.649134 -0.493912 0.414227  13 6 0 -3.082102 -0.414164 1.714751  14 6 0 -3.850899 -0.613501 2.836269  15 6 0 -5.228526 -0.905145 2.718943  16 6 0 -5.808224 -0.995456 1.477632  17 6 0 2.837813 0.795745 -0.501102  18 6 0 3.686065 0.123728 0.445509  19 6 0 5.065392 0.508080 0.533643  20 6 0 5.551518 1.567750 -0.273305  21 6 0 4.707589 2.241346 -1.118402  22 6 0 3.354089 1.859134 -1.219612  23 6 0 3.217006 -0.875106 1.342542  24 6 0 4.064271 -1.491047 2.232096  25 6 0 5.432251 -1.143061 2.280848  26 6 0 5.915392 -0.160811 1.453555  27 6 0 -1.831934 2.449002 -0.247645  28 7 0 -1.407112 3.621935 -0.008688  29 6 0 -2.382999 4.675384 0.182219  30 6 0 1.778456 -1.927335 -1.276202  31 7 0 1.365708 -3.124373 -1.373368  32 6 0 2.316773 -4.142412 -1.771378  33 1 0 0.813955 2.511557 -0.192254  34 1 0 -0.857155 -2.017488 -1.156119  35 1 0 -2.907732 -0.260873 -2.906707  36 1 0 -5.320498 -0.790494 -3.101071  37 1 0 -6.687303 -1.126575 -1.069134  38 1 0 -2.025679 -0.198324 1.815222  39 1 0 -3.398009 -0.550122 3.819339  40 1 0 -5.823709 -1.060570 3.611732  41 1 0 -6.864486 -1.224102 1.380143  42 1 0 6.597299 1.846140 -0.196746  43 1 0 5.074736 3.065246 -1.719768  44 1 0 2.707248 2.387723 -1.910488  45 1 0 2.169676 -1.145410 1.333434  46 1 0 3.677479 -2.245328 2.908083  47 1 0 6.091913 -1.641658 2.981996  48 1 0 6.959424 0.131456 1.498540  49 1 0 -2.904938 2.227498 -0.310656  50 1 0 -3.425870 4.335046 0.096762  51 1 0 2.823568 -1.661564 -1.479175  52 1 0 3.330935 -3.755550 -1.951430  53 1 0 -2.236443 5.125973 1.168998  54 1 0 -2.205952 5.466734 -0.553221  55 1 0 2.363640 -4.912514 -0.994914  56 1 0 1.956896 -4.634740 -2.680476 |
| TM\_NP\_model\_scan\_p\_100\_p\_140 | 1 6 0 1.381555 0.507580 -0.656247  2 6 0 0.447595 1.526228 -0.450960  3 6 0 -0.932687 1.307397 -0.487445  4 6 0 -1.417026 0.000421 -0.709781  5 6 0 -0.493670 -1.019957 -0.919887  6 6 0 0.887895 -0.797147 -0.904183  7 6 0 -2.879251 -0.319288 -0.764020  8 6 0 -3.495990 -0.466305 -1.989357  9 6 0 -4.869604 -0.781128 -2.089662  10 6 0 -5.623845 -0.951198 -0.956859  11 6 0 -5.035871 -0.820764 0.327585  12 6 0 -3.642310 -0.503807 0.433812  13 6 0 -3.071732 -0.393938 1.730541  14 6 0 -3.835193 -0.578086 2.858296  15 6 0 -5.210727 -0.883324 2.751230  16 6 0 -5.793666 -1.002562 1.513889  17 6 0 2.828152 0.836354 -0.476751  18 6 0 3.693384 0.106977 0.414713  19 6 0 5.060221 0.525202 0.548472  20 6 0 5.513443 1.680743 -0.135496  21 6 0 4.645529 2.419702 -0.897415  22 6 0 3.308595 2.002480 -1.049581  23 6 0 3.254574 -0.972598 1.230540  24 6 0 4.119493 -1.639580 2.064626  25 6 0 5.479416 -1.266726 2.138738  26 6 0 5.931793 -0.201557 1.402381  27 6 0 -1.856793 2.443212 -0.290327  28 7 0 -1.442838 3.624915 -0.077035  29 6 0 -2.428517 4.672025 0.098114  30 6 0 1.787553 -1.905467 -1.293960  31 7 0 1.389355 -3.109032 -1.365772  32 6 0 2.336844 -4.115182 -1.800981  33 1 0 0.781290 2.531472 -0.227754  34 1 0 -0.835954 -2.027150 -1.123181  35 1 0 -2.913053 -0.330876 -2.893469  36 1 0 -5.321564 -0.885691 -3.069577  37 1 0 -6.679498 -1.191756 -1.026805  38 1 0 -2.016846 -0.167300 1.822984  39 1 0 -3.379686 -0.492011 3.838426  40 1 0 -5.801718 -1.026315 3.648870  41 1 0 -6.848250 -1.241995 1.424443  42 1 0 6.549778 1.981807 -0.024751  43 1 0 4.981648 3.321690 -1.396031  44 1 0 2.649536 2.582909 -1.684755  45 1 0 2.214133 -1.265032 1.210284  46 1 0 3.750889 -2.453324 2.678982  47 1 0 6.154388 -1.808007 2.791997  48 1 0 6.966546 0.117009 1.474467  49 1 0 -2.927774 2.209743 -0.343572  50 1 0 -3.468192 4.319386 0.024689  51 1 0 2.818468 -1.625312 -1.544845  52 1 0 3.335498 -3.714211 -2.029902  53 1 0 -2.281809 5.143486 1.075061  54 1 0 -2.263279 5.450399 -0.653739  55 1 0 2.431550 -4.879176 -1.022816  56 1 0 1.943330 -4.619156 -2.689509 |
| TM\_NP\_model\_scan\_p\_100\_p\_150 | 1 6 0 1.382792 0.525373 -0.699768  2 6 0 0.433375 1.536517 -0.515805  3 6 0 -0.944264 1.304088 -0.540681  4 6 0 -1.418286 -0.013134 -0.718745  5 6 0 -0.484687 -1.027838 -0.905844  6 6 0 0.894458 -0.790584 -0.905207  7 6 0 -2.877255 -0.349478 -0.748561  8 6 0 -3.505226 -0.539818 -1.962150  9 6 0 -4.876390 -0.871806 -2.038021  10 6 0 -5.616633 -1.016149 -0.892470  11 6 0 -5.016300 -0.841831 0.381026  12 6 0 -3.625337 -0.507013 0.462570  13 6 0 -3.041788 -0.353353 1.748998  14 6 0 -3.790715 -0.513398 2.890104  15 6 0 -5.163857 -0.836440 2.807245  16 6 0 -5.759060 -0.997429 1.580509  17 6 0 2.820499 0.868055 -0.469718  18 6 0 3.692087 0.097405 0.385973  19 6 0 5.046871 0.538092 0.571407  20 6 0 5.475824 1.762308 0.002316  21 6 0 4.590718 2.549374 -0.687721  22 6 0 3.270969 2.107593 -0.898734  23 6 0 3.270470 -1.035070 1.137266  24 6 0 4.141986 -1.736613 1.935589  25 6 0 5.495799 -1.350050 2.038042  26 6 0 5.929453 -0.229300 1.377556  27 6 0 -1.877347 2.436815 -0.368173  28 7 0 -1.473133 3.627741 -0.190651  29 6 0 -2.467344 4.670126 -0.036582  30 6 0 1.792914 -1.894893 -1.313606  31 7 0 1.405342 -3.102747 -1.365377  32 6 0 2.346958 -4.101224 -1.829908  33 1 0 0.749984 2.550196 -0.308775  34 1 0 -0.815979 -2.043736 -1.082244  35 1 0 -2.933441 -0.425257 -2.876218  36 1 0 -5.337559 -1.010163 -3.009417  37 1 0 -6.670300 -1.269793 -0.943562  38 1 0 -1.988642 -0.112324 1.822578  39 1 0 -3.325523 -0.394316 3.862196  40 1 0 -5.743297 -0.960077 3.715237  41 1 0 -6.811814 -1.250830 1.509868  42 1 0 6.502756 2.078420 0.151577  43 1 0 4.900711 3.508123 -1.087433  44 1 0 2.608999 2.728097 -1.490896  45 1 0 2.234898 -1.340217 1.104296  46 1 0 3.781120 -2.587989 2.501661  47 1 0 6.177655 -1.920637 2.658349  48 1 0 6.955767 0.107503 1.480538  49 1 0 -2.946451 2.192137 -0.407051  50 1 0 -3.504083 4.305885 -0.092582  51 1 0 2.811131 -1.605254 -1.602988  52 1 0 3.331709 -3.690841 -2.098813  53 1 0 -2.318126 5.169264 0.926134  54 1 0 -2.315066 5.429277 -0.810490  55 1 0 2.479861 -4.859078 -1.051291  56 1 0 1.926125 -4.615295 -2.699932 |
| TM\_NP\_model\_scan\_p\_100\_p\_160 | 1 6 0 1.383034 0.539340 -0.738468  2 6 0 0.413684 1.540392 -0.590175  3 6 0 -0.960526 1.291307 -0.605401  4 6 0 -1.420467 -0.037077 -0.724682  5 6 0 -0.473246 -1.043461 -0.879924  6 6 0 0.902489 -0.788374 -0.895575  7 6 0 -2.874658 -0.393336 -0.727248  8 6 0 -3.512331 -0.642079 -1.925098  9 6 0 -4.879692 -0.994646 -1.972091  10 6 0 -5.606222 -1.100551 -0.813611  11 6 0 -4.995423 -0.864949 0.445001  12 6 0 -3.608506 -0.508762 0.497321  13 6 0 -3.013945 -0.292294 1.769615  14 6 0 -3.748987 -0.413060 2.924471  15 6 0 -5.118279 -0.757708 2.870189  16 6 0 -5.723742 -0.979109 1.657947  17 6 0 2.808976 0.904033 -0.456263  18 6 0 3.694409 0.100200 0.360647  19 6 0 5.037364 0.560685 0.587533  20 6 0 5.432813 1.841830 0.132625  21 6 0 4.521189 2.664063 -0.476186  22 6 0 3.219918 2.199671 -0.740506  23 6 0 3.297180 -1.076828 1.055260  24 6 0 4.182469 -1.806964 1.811996  25 6 0 5.531181 -1.408435 1.928554  26 6 0 5.939004 -0.239998 1.338833  27 6 0 -1.905695 2.419642 -0.473188  28 7 0 -1.514884 3.621183 -0.344033  29 6 0 -2.520621 4.657275 -0.226438  30 6 0 1.800679 -1.889401 -1.318971  31 7 0 1.425185 -3.101560 -1.350523  32 6 0 2.361463 -4.092688 -1.840778  33 1 0 0.707056 2.565430 -0.410764  34 1 0 -0.789615 -2.069390 -1.022491  35 1 0 -2.951472 -0.558818 -2.849272  36 1 0 -5.348891 -1.179456 -2.931841  37 1 0 -6.656879 -1.369688 -0.842816  38 1 0 -1.963619 -0.033910 1.821237  39 1 0 -3.275728 -0.246016 3.885536  40 1 0 -5.686694 -0.849985 3.788824  41 1 0 -6.773593 -1.249243 1.609444  42 1 0 6.449863 2.172838 0.313541  43 1 0 4.796918 3.668600 -0.775996  44 1 0 2.551400 2.854478 -1.285559  45 1 0 2.265884 -1.392987 1.021541  46 1 0 3.834197 -2.689745 2.336314  47 1 0 6.226030 -2.003364 2.510330  48 1 0 6.957169 0.113696 1.463768  49 1 0 -2.971993 2.161247 -0.497988  50 1 0 -3.553166 4.279026 -0.263538  51 1 0 2.805010 -1.590462 -1.645316  52 1 0 3.330214 -3.672802 -2.150129  53 1 0 -2.373518 5.195382 0.715366  54 1 0 -2.380442 5.387148 -1.030199  55 1 0 2.533371 -4.841213 -1.060710  56 1 0 1.915310 -4.620431 -2.689722 |
| TM\_NP\_model\_scan\_p\_110\_m\_0 | 1 6 0 -1.457290 0.542153 -0.312502  2 6 0 -0.759895 -0.678446 -0.350649  3 6 0 0.623294 -0.797864 -0.516785  4 6 0 1.416380 0.364062 -0.553144  5 6 0 0.759972 1.589024 -0.466499  6 6 0 -0.626408 1.705435 -0.342923  7 6 0 2.905632 0.344462 -0.685416  8 6 0 3.483853 0.780206 -1.860808  9 6 0 4.885717 0.800295 -2.030636  10 6 0 5.710065 0.389593 -1.014499  11 6 0 5.168642 -0.046118 0.222158  12 6 0 3.746736 -0.065065 0.400687  13 6 0 3.231710 -0.471330 1.661417  14 6 0 4.070711 -0.856002 2.679496  15 6 0 5.471497 -0.853503 2.494884  16 6 0 6.004453 -0.454550 1.294305  17 6 0 -2.843929 0.525456 0.259496  18 6 0 -3.776554 -0.565144 0.015189  19 6 0 -5.060309 -0.538765 0.660895  20 6 0 -5.469926 0.613030 1.377674  21 6 0 -4.662313 1.716582 1.410901  22 6 0 -3.379653 1.673467 0.828899  23 6 0 -3.555633 -1.631366 -0.902125  24 6 0 -4.462595 -2.652591 -1.066280  25 6 0 -5.660823 -2.679981 -0.324857  26 6 0 -5.955356 -1.629972 0.506285  27 6 0 1.223546 -2.143770 -0.633975  28 7 0 0.527557 -3.204536 -0.576119  29 6 0 1.207719 -4.476464 -0.711322  30 6 0 -1.170809 3.076461 -0.505893  31 7 0 -0.523096 4.115630 -0.169605  32 6 0 -1.104886 5.408672 -0.470236  33 1 0 -1.277096 -1.610293 -0.187916  34 1 0 1.329172 2.509312 -0.505517  35 1 0 2.844541 1.099582 -2.676180  36 1 0 5.303121 1.139984 -2.971783  37 1 0 6.787773 0.398475 -1.139368  38 1 0 2.160578 -0.466522 1.819204  39 1 0 3.656051 -1.158777 3.634406  40 1 0 6.122150 -1.160577 3.305929  41 1 0 7.079528 -0.440564 1.147834  42 1 0 -6.442984 0.616110 1.857070  43 1 0 -4.984813 2.623889 1.908763  44 1 0 -2.743877 2.529420 0.998779  45 1 0 -2.674856 -1.630774 -1.524999  46 1 0 -4.254931 -3.437084 -1.785181  47 1 0 -6.356980 -3.502527 -0.442931  48 1 0 -6.900159 -1.597207 1.038825  49 1 0 2.309676 -2.176929 -0.785884  50 1 0 2.294476 -4.384981 -0.856805  51 1 0 -2.150506 3.146148 -0.998903  52 1 0 -2.088789 5.350086 -0.960691  53 1 0 1.018950 -5.080981 0.181412  54 1 0 0.780633 -5.024326 -1.557372  55 1 0 -1.202714 5.984418 0.455483  56 1 0 -0.421460 5.968657 -1.116525 |
| TM\_NP\_model\_scan\_p\_110\_m\_10 | 1 6 0 -1.446764 0.489440 -0.232690  2 6 0 -0.745638 -0.727113 -0.261765  3 6 0 0.635213 -0.830909 -0.452293  4 6 0 1.409342 0.343029 -0.542005  5 6 0 0.741188 1.562916 -0.478994  6 6 0 -0.644020 1.664390 -0.324223  7 6 0 2.895507 0.337689 -0.708995  8 6 0 3.440671 0.744636 -1.910203  9 6 0 4.837876 0.777096 -2.113408  10 6 0 5.690820 0.406709 -1.105420  11 6 0 5.183833 0.000272 0.155603  12 6 0 3.766812 -0.030658 0.368011  13 6 0 3.286464 -0.407766 1.651296  14 6 0 4.153649 -0.754154 2.659469  15 6 0 5.549594 -0.739870 2.441951  16 6 0 6.049429 -0.367892 1.218654  17 6 0 -2.833523 0.480114 0.329362  18 6 0 -3.793302 -0.559914 0.009094  19 6 0 -5.088979 -0.524459 0.628225  20 6 0 -5.460459 0.584633 1.428620  21 6 0 -4.600917 1.639177 1.579511  22 6 0 -3.312827 1.590582 1.010170  23 6 0 -3.572182 -1.587308 -0.950616  24 6 0 -4.508960 -2.563256 -1.198080  25 6 0 -5.736121 -2.577650 -0.503670  26 6 0 -6.019953 -1.566789 0.378550  27 6 0 1.254749 -2.169976 -0.545224  28 7 0 0.581479 -3.239190 -0.417349  29 6 0 1.278136 -4.503873 -0.534999  30 6 0 -1.228393 3.016775 -0.492294  31 7 0 -0.574247 4.078737 -0.252933  32 6 0 -1.207707 5.349586 -0.542689  33 1 0 -1.259467 -1.658750 -0.078576  34 1 0 1.297717 2.488201 -0.560820  35 1 0 2.778547 1.032124 -2.719215  36 1 0 5.228894 1.093926 -3.073672  37 1 0 6.765143 0.425155 -1.255841  38 1 0 2.219347 -0.411418 1.834100  39 1 0 3.765121 -1.035512 3.631763  40 1 0 6.222759 -1.016567 3.245522  41 1 0 7.120547 -0.345176 1.046506  42 1 0 -6.442855 0.594900 1.888558  43 1 0 -4.890517 2.509681 2.157014  44 1 0 -2.635603 2.398295 1.249623  45 1 0 -2.661698 -1.591120 -1.530330  46 1 0 -4.303128 -3.322431 -1.944200  47 1 0 -6.458838 -3.363442 -0.691919  48 1 0 -6.979070 -1.530810 0.884636  49 1 0 2.333895 -2.190392 -0.742468  50 1 0 2.355261 -4.400274 -0.734210  51 1 0 -2.250897 3.050722 -0.892470  52 1 0 -2.229685 5.256335 -0.941114  53 1 0 1.141630 -5.075662 0.388319  54 1 0 0.822789 -5.091831 -1.338292  55 1 0 -1.235502 5.955128 0.368721  56 1 0 -0.596241 5.899353 -1.265350 |
| TM\_NP\_model\_scan\_p\_110\_m\_20 | 1 6 0 -1.435299 0.441721 -0.155417  2 6 0 -0.730583 -0.770349 -0.174895  3 6 0 0.647448 -0.860368 -0.389677  4 6 0 1.402172 0.322788 -0.531745  5 6 0 0.721896 1.536921 -0.493225  6 6 0 -0.661464 1.625379 -0.309349  7 6 0 2.884579 0.329954 -0.731166  8 6 0 3.399067 0.706284 -1.955651  9 6 0 4.791147 0.749509 -2.189765  10 6 0 5.669916 0.419487 -1.189945  11 6 0 5.194861 0.044046 0.092942  12 6 0 3.783190 0.003170 0.336808  13 6 0 3.334969 -0.342699 1.640377  14 6 0 4.227511 -0.650911 2.638768  15 6 0 5.618197 -0.627116 2.390651  16 6 0 6.087308 -0.284010 1.146914  17 6 0 -2.827535 0.440478 0.385885  18 6 0 -3.805846 -0.553173 0.000783  19 6 0 -5.110184 -0.512286 0.599531  20 6 0 -5.452635 0.550264 1.473168  21 6 0 -4.554400 1.553425 1.723291  22 6 0 -3.261657 1.502880 1.164490  23 6 0 -3.582440 -1.542905 -0.996524  24 6 0 -4.541068 -2.475277 -1.316087  25 6 0 -5.790103 -2.478223 -0.660241  26 6 0 -6.067165 -1.507011 0.267850  27 6 0 1.284650 -2.192373 -0.461469  28 7 0 0.632208 -3.266548 -0.278986  29 6 0 1.343476 -4.524363 -0.381912  30 6 0 -1.280315 2.961147 -0.475251  31 7 0 -0.626509 4.039022 -0.319583  32 6 0 -1.303236 5.291659 -0.589608  33 1 0 -1.240789 -1.701436 0.026910  34 1 0 1.265672 2.465328 -0.615885  35 1 0 2.716364 0.961642 -2.758314  36 1 0 5.157673 1.042205 -3.167199  37 1 0 6.740494 0.446243 -1.363982  38 1 0 2.272126 -0.353299 1.846192  39 1 0 3.863221 -0.909357 3.626680  40 1 0 6.311629 -0.873690 3.186768  41 1 0 7.154163 -0.254216 0.950963  42 1 0 -6.442017 0.565397 1.917828  43 1 0 -4.820086 2.383246 2.368277  44 1 0 -2.554045 2.266597 1.458590  45 1 0 -2.648512 -1.551723 -1.538953  46 1 0 -4.336251 -3.209445 -2.087110  47 1 0 -6.532231 -3.228335 -0.908930  48 1 0 -7.037344 -1.469521 0.752297  49 1 0 2.357113 -2.203306 -0.692974  50 1 0 2.412028 -4.411986 -0.618973  51 1 0 -2.332490 2.968566 -0.789228  52 1 0 -2.353614 5.172247 -0.896362  53 1 0 1.245006 -5.070183 0.561752  54 1 0 0.871275 -5.142315 -1.152300  55 1 0 -1.263482 5.923019 0.303668  56 1 0 -0.764524 5.828717 -1.376898 |
| TM\_NP\_model\_scan\_p\_110\_m\_30 | 1 6 0 -1.423491 0.398499 -0.077402  2 6 0 -0.714986 -0.808946 -0.089835  3 6 0 0.659554 -0.886758 -0.329758  4 6 0 1.394581 0.303117 -0.522239  5 6 0 0.702158 1.510804 -0.505728  6 6 0 -0.678375 1.587678 -0.291664  7 6 0 2.872642 0.321007 -0.752616  8 6 0 3.358246 0.666303 -1.997824  9 6 0 4.744814 0.718298 -2.261232  10 6 0 5.647209 0.427681 -1.270256  11 6 0 5.202191 0.084622 0.032336  12 6 0 3.796259 0.035752 0.305934  13 6 0 3.378190 -0.276661 1.627851  14 6 0 4.293922 -0.546341 2.616362  15 6 0 5.678979 -0.515235 2.339308  16 6 0 6.119193 -0.203278 1.076941  17 6 0 -2.821947 0.401408 0.443386  18 6 0 -3.814690 -0.542547 -0.008902  19 6 0 -5.125179 -0.504795 0.575010  20 6 0 -5.443223 0.497524 1.525974  21 6 0 -4.514222 1.443727 1.871554  22 6 0 -3.218345 1.399701 1.318863  23 6 0 -3.589425 -1.483190 -1.051630  24 6 0 -4.565280 -2.368303 -1.444059  25 6 0 -5.830940 -2.367621 -0.819454  26 6 0 -6.102575 -1.447571 0.161189  27 6 0 1.313248 -2.211513 -0.383262  28 7 0 0.680507 -3.288672 -0.154844  29 6 0 1.405391 -4.539629 -0.244974  30 6 0 -1.328121 2.908353 -0.449831  31 7 0 -0.678459 3.997978 -0.381592  32 6 0 -1.394416 5.233930 -0.625508  33 1 0 -1.220709 -1.739723 0.128867  34 1 0 1.232717 2.440952 -0.667290  35 1 0 2.656734 0.890132 -2.793646  36 1 0 5.088292 0.986207 -3.254027  37 1 0 6.713731 0.461229 -1.466591  38 1 0 2.319854 -0.292652 1.855333  39 1 0 3.952410 -0.779985 3.618490  40 1 0 6.390958 -0.731527 3.127834  41 1 0 7.181525 -0.167947 0.858577  42 1 0 -6.437382 0.511058 1.960000  43 1 0 -4.760800 2.222484 2.584271  44 1 0 -2.486775 2.119170 1.664559  45 1 0 -2.637161 -1.491716 -1.562616  46 1 0 -4.362095 -3.068420 -2.246548  47 1 0 -6.588286 -3.078887 -1.129051  48 1 0 -7.081307 -1.414428 0.628474  49 1 0 2.379259 -2.214696 -0.643128  50 1 0 2.465951 -4.420013 -0.512487  51 1 0 -2.403251 2.894532 -0.670177  52 1 0 -2.465867 5.092745 -0.834443  53 1 0 1.338234 -5.062865 0.714110  54 1 0 0.921629 -5.182520 -0.987286  55 1 0 -1.285153 5.891414 0.242758  56 1 0 -0.935031 5.754213 -1.472139 |
| TM\_NP\_model\_scan\_p\_110\_m\_40 | 1 6 0 -1.413241 0.359121 0.006084  2 6 0 -0.699660 -0.843153 -0.000592  3 6 0 0.670817 -0.909568 -0.266356  4 6 0 1.385425 0.285119 -0.506982  5 6 0 0.680632 1.485630 -0.507090  6 6 0 -0.696130 1.551385 -0.262420  7 6 0 2.857800 0.313106 -0.771771  8 6 0 3.310808 0.630354 -2.036544  9 6 0 4.690272 0.690260 -2.333515  10 6 0 5.618467 0.435996 -1.356474  11 6 0 5.207345 0.123375 -0.035215  12 6 0 3.808708 0.066984 0.272321  13 6 0 3.424707 -0.213309 1.611647  14 6 0 4.365902 -0.445849 2.585596  15 6 0 5.743771 -0.407926 2.275487  16 6 0 6.151277 -0.126159 0.995169  17 6 0 -2.819468 0.360444 0.504899  18 6 0 -3.821138 -0.527690 -0.023065  19 6 0 -5.137755 -0.505172 0.546305  20 6 0 -5.440256 0.418766 1.578375  21 6 0 -4.489372 1.301734 2.020893  22 6 0 -3.189176 1.275264 1.476031  23 6 0 -3.590096 -1.402529 -1.119868  24 6 0 -4.576583 -2.235982 -1.590311  25 6 0 -5.856360 -2.243738 -0.993903  26 6 0 -6.128171 -1.390584 0.045726  27 6 0 1.340654 -2.226592 -0.304837  28 7 0 0.728612 -3.305712 -0.033160  29 6 0 1.467308 -4.549253 -0.112996  30 6 0 -1.372486 2.858972 -0.408086  31 7 0 -0.731888 3.956072 -0.421546  32 6 0 -1.479801 5.178672 -0.633954  33 1 0 -1.199187 -1.774243 0.234015  34 1 0 1.197234 2.416837 -0.704091  35 1 0 2.588678 0.825059 -2.821504  36 1 0 5.007722 0.935259 -3.340786  37 1 0 6.679769 0.475805 -1.578261  38 1 0 2.372086 -0.234275 1.863969  39 1 0 4.050220 -0.655428 3.601426  40 1 0 6.476113 -0.594973 3.052775  41 1 0 7.207866 -0.085545 0.751315  42 1 0 -6.439033 0.421562 2.001928  43 1 0 -4.723842 2.016230 2.801793  44 1 0 -2.441285 1.948452 1.877764  45 1 0 -2.622577 -1.401768 -1.602715  46 1 0 -4.371872 -2.889122 -2.431122  47 1 0 -6.623287 -2.912301 -1.368388  48 1 0 -7.114768 -1.370496 0.496959  49 1 0 2.399406 -2.222623 -0.592885  50 1 0 2.518720 -4.422817 -0.411716  51 1 0 -2.461736 2.829050 -0.537256  52 1 0 -2.563125 5.022234 -0.749863  53 1 0 1.432576 -5.050161 0.859653  54 1 0 0.972491 -5.215862 -0.826560  55 1 0 -1.306607 5.857886 0.206775  56 1 0 -1.097842 5.682652 -1.527608 |
| TM\_NP\_model\_scan\_p\_110\_m\_50 | 1 6 0 -1.405732 0.318640 0.106830  2 6 0 -0.681850 -0.875589 0.102157  3 6 0 0.683709 -0.927227 -0.191905  4 6 0 1.373647 0.273160 -0.476358  5 6 0 0.653402 1.464344 -0.482566  6 6 0 -0.718361 1.515301 -0.205172  7 6 0 2.837244 0.314705 -0.785501  8 6 0 3.246503 0.613249 -2.069635  9 6 0 4.615028 0.683394 -2.411416  10 6 0 5.576489 0.458397 -1.459709  11 6 0 5.210855 0.166900 -0.120401  12 6 0 3.823324 0.100486 0.232501  13 6 0 3.485080 -0.157101 1.588584  14 6 0 4.459230 -0.358978 2.536646  15 6 0 5.826106 -0.311704 2.182165  16 6 0 6.189649 -0.051199 0.884246  17 6 0 -2.821272 0.305152 0.580960  18 6 0 -3.823126 -0.514158 -0.041953  19 6 0 -5.150372 -0.520432 0.501533  20 6 0 -5.453435 0.299810 1.617772  21 6 0 -4.491939 1.106873 2.169964  22 6 0 -3.182361 1.110584 1.645842  23 6 0 -3.574889 -1.297089 -1.202370  24 6 0 -4.563320 -2.065936 -1.768427  25 6 0 -5.859831 -2.095600 -1.208884  26 6 0 -6.143934 -1.334727 -0.102758  27 6 0 1.372121 -2.234694 -0.222857  28 7 0 0.785979 -3.316163 0.093085  29 6 0 1.541025 -4.550021 0.016073  30 6 0 -1.420979 2.810223 -0.330371  31 7 0 -0.797010 3.913265 -0.421063  32 6 0 -1.574588 5.123569 -0.592774  33 1 0 -1.171033 -1.809154 0.350520  34 1 0 1.152613 2.398191 -0.709655  35 1 0 2.497656 0.784352 -2.834795  36 1 0 4.897549 0.912755 -3.432674  37 1 0 6.629752 0.505998 -1.715647  38 1 0 2.441173 -0.184798 1.874450  39 1 0 4.178336 -0.551481 3.565982  40 1 0 6.584825 -0.474620 2.939331  41 1 0 7.237487 -0.003325 0.606322  42 1 0 -6.460285 0.282763 2.021484  43 1 0 -4.726662 1.738328 3.019391  44 1 0 -2.427778 1.728557 2.118888  45 1 0 -2.590762 -1.277859 -1.651210  46 1 0 -4.347893 -2.651719 -2.654965  47 1 0 -6.628978 -2.711310 -1.661374  48 1 0 -7.141191 -1.337263 0.324887  49 1 0 2.420914 -2.221807 -0.545121  50 1 0 2.579777 -4.414608 -0.320613  51 1 0 -2.516592 2.766088 -0.366403  52 1 0 -2.661753 4.953528 -0.615297  53 1 0 1.546590 -5.029146 1.000234  54 1 0 1.033180 -5.239967 -0.665433  55 1 0 -1.340349 5.820402 0.218246  56 1 0 -1.273897 5.614395 -1.523998 |
| TM\_NP\_model\_scan\_p\_110\_m\_60 | 1 6 0 -1.396958 0.265641 0.201154  2 6 0 -0.658240 -0.917710 0.181839  3 6 0 0.701763 -0.947098 -0.141419  4 6 0 1.363424 0.263903 -0.449248  5 6 0 0.624157 1.443332 -0.444569  6 6 0 -0.741593 1.471840 -0.134446  7 6 0 2.817942 0.328058 -0.795899  8 6 0 3.188503 0.626537 -2.091697  9 6 0 4.546245 0.717677 -2.469626  10 6 0 5.535836 0.513739 -1.542362  11 6 0 5.210242 0.222840 -0.192630  12 6 0 3.833657 0.134862 0.196857  13 6 0 3.535394 -0.122439 1.562312  14 6 0 4.537262 -0.303710 2.485353  15 6 0 5.893417 -0.234796 2.095009  16 6 0 6.218454 0.025992 0.786967  17 6 0 -2.817988 0.224870 0.662732  18 6 0 -3.823641 -0.494621 -0.063715  19 6 0 -5.157451 -0.542322 0.460295  20 6 0 -5.456466 0.133500 1.670717  21 6 0 -4.484097 0.836750 2.334996  22 6 0 -3.168355 0.882247 1.826738  23 6 0 -3.566595 -1.143739 -1.302007  24 6 0 -4.559143 -1.820469 -1.969224  25 6 0 -5.866476 -1.885462 -1.437681  26 6 0 -6.155799 -1.256790 -0.252382  27 6 0 1.412030 -2.242377 -0.182882  28 7 0 0.856102 -3.330783 0.162641  29 6 0 1.630558 -4.551658 0.071978  30 6 0 -1.472043 2.753584 -0.221118  31 7 0 -0.875379 3.863533 -0.382965  32 6 0 -1.682967 5.061057 -0.494674  33 1 0 -1.132266 -1.858464 0.433595  34 1 0 1.102729 2.384309 -0.686260  35 1 0 2.417119 0.781483 -2.837655  36 1 0 4.798082 0.946430 -3.499013  37 1 0 6.581117 0.577664 -1.825972  38 1 0 2.499879 -0.166527 1.875385  39 1 0 4.286679 -0.496555 3.522428  40 1 0 6.674326 -0.381467 2.832684  41 1 0 7.257721 0.090269 0.481550  42 1 0 -6.468466 0.087814 2.059145  43 1 0 -4.716060 1.354537 3.258838  44 1 0 -2.406353 1.422691 2.377126  45 1 0 -2.571103 -1.096826 -1.724020  46 1 0 -4.338996 -2.306750 -2.912936  47 1 0 -6.639254 -2.426747 -1.971810  48 1 0 -7.159807 -1.291970 0.157666  49 1 0 2.449527 -2.214417 -0.539154  50 1 0 2.654797 -4.400851 -0.300684  51 1 0 -2.565525 2.693461 -0.156122  52 1 0 -2.764897 4.875860 -0.414942  53 1 0 1.677855 -5.020594 1.059934  54 1 0 1.112884 -5.257461 -0.585457  55 1 0 -1.385115 5.770119 0.284267  56 1 0 -1.476365 5.545301 -1.454542 |
| TM\_NP\_model\_scan\_p\_110\_m\_70 | 1 6 0 -1.385862 0.180072 0.288123  2 6 0 -0.623637 -0.985587 0.230955  3 6 0 0.730305 -0.976515 -0.120656  4 6 0 1.355915 0.255245 -0.421706  5 6 0 0.590141 1.417100 -0.380421  6 6 0 -0.768665 1.406811 -0.040371  7 6 0 2.800455 0.360854 -0.799054  8 6 0 3.134296 0.690328 -2.097302  9 6 0 4.480495 0.823056 -2.503133  10 6 0 5.495408 0.629460 -1.601399  11 6 0 5.207613 0.306648 -0.250347  12 6 0 3.842712 0.175896 0.167409  13 6 0 3.581817 -0.114546 1.533842  14 6 0 4.608378 -0.286658 2.431150  15 6 0 5.953281 -0.174601 2.012798  16 6 0 6.242164 0.118770 0.703186  17 6 0 -2.808696 0.096400 0.745037  18 6 0 -3.825961 -0.472735 -0.087584  19 6 0 -5.164943 -0.564019 0.416432  20 6 0 -5.452698 -0.085926 1.720314  21 6 0 -4.463881 0.465215 2.494969  22 6 0 -3.143383 0.555744 2.003335  23 6 0 -3.569737 -0.936169 -1.406452  24 6 0 -4.573244 -1.472222 -2.177067  25 6 0 -5.889430 -1.572924 -1.672842  26 6 0 -6.175378 -1.126695 -0.406560  27 6 0 1.469726 -2.253338 -0.201418  28 7 0 0.950146 -3.359690 0.143830  29 6 0 1.750871 -4.559768 0.012451  30 6 0 -1.532307 2.671282 -0.065462  31 7 0 -0.975487 3.795181 -0.267230  32 6 0 -1.814770 4.975507 -0.299232  33 1 0 -1.074203 -1.941781 0.467590  34 1 0 1.041948 2.373447 -0.613198  35 1 0 2.342754 0.838437 -2.823235  36 1 0 4.703412 1.075828 -3.533572  37 1 0 6.532095 0.725766 -1.906573  38 1 0 2.554995 -0.192259 1.868252  39 1 0 4.386064 -0.505675 3.469483  40 1 0 6.753959 -0.314275 2.730357  41 1 0 7.272335 0.215976 0.376426  42 1 0 -6.468644 -0.162887 2.093204  43 1 0 -4.687027 0.829140 3.491554  44 1 0 -2.370067 0.982222 2.632615  45 1 0 -2.565313 -0.861164 -1.803297  46 1 0 -4.355641 -1.819552 -3.180842  47 1 0 -6.671347 -2.000138 -2.290573  48 1 0 -7.184873 -1.195500 -0.014609  49 1 0 2.495758 -2.195657 -0.586415  50 1 0 2.759721 -4.378353 -0.387512  51 1 0 -2.615311 2.585610 0.088477  52 1 0 -2.882286 4.765661 -0.133406  53 1 0 1.838604 -5.041438 0.991486  54 1 0 1.231340 -5.268597 -0.640229  55 1 0 -1.469209 5.683254 0.460992  56 1 0 -1.697594 5.473380 -1.267143 |
| TM\_NP\_model\_scan\_p\_110\_m\_80 | 1 6 0 -1.377646 0.079113 0.370017  2 6 0 -0.586440 -1.061067 0.248579  3 6 0 0.760877 -0.998167 -0.124112  4 6 0 1.346248 0.262555 -0.382570  5 6 0 0.551720 1.400578 -0.270340  6 6 0 -0.799228 1.336590 0.094234  7 6 0 2.778735 0.422434 -0.786119  8 6 0 3.074093 0.817757 -2.075303  9 6 0 4.407047 0.997802 -2.505794  10 6 0 5.447350 0.785400 -1.637855  11 6 0 5.199112 0.397006 -0.296220  12 6 0 3.847682 0.218737 0.146797  13 6 0 3.625915 -0.136426 1.504794  14 6 0 4.677151 -0.325118 2.369599  15 6 0 6.009023 -0.166533 1.925448  16 6 0 6.260099 0.189494 0.623595  17 6 0 -2.802686 -0.070440 0.807598  18 6 0 -3.822374 -0.444937 -0.125110  19 6 0 -5.167084 -0.607034 0.343213  20 6 0 -5.455991 -0.392163 1.715265  21 6 0 -4.462373 -0.031059 2.589308  22 6 0 -3.135603 0.129371 2.131661  23 6 0 -3.558305 -0.654089 -1.505788  24 6 0 -4.563022 -1.010034 -2.372950  25 6 0 -5.886952 -1.175653 -1.907614  26 6 0 -6.178943 -0.977455 -0.580764  27 6 0 1.531613 -2.249574 -0.277250  28 7 0 1.050936 -3.382927 0.035279  29 6 0 1.878274 -4.554541 -0.167993  30 6 0 -1.594364 2.579183 0.167209  31 7 0 -1.081773 3.724260 -0.032092  32 6 0 -1.947715 4.882724 0.048544  33 1 0 -1.009826 -2.039386 0.440724  34 1 0 0.974360 2.378980 -0.462800  35 1 0 2.262413 0.979974 -2.775524  36 1 0 4.599703 1.301126 -3.528671  37 1 0 6.474102 0.917016 -1.962790  38 1 0 2.609288 -0.251337 1.859014  39 1 0 4.484500 -0.593712 3.402205  40 1 0 6.829471 -0.320336 2.617307  41 1 0 7.279825 0.322801 0.277387  42 1 0 -6.476575 -0.518592 2.061126  43 1 0 -4.687019 0.130275 3.637619  44 1 0 -2.359382 0.408058 2.835679  45 1 0 -2.546327 -0.531437 -1.870865  46 1 0 -4.340330 -1.165845 -3.422558  47 1 0 -6.670042 -1.458600 -2.602030  48 1 0 -7.193831 -1.100926 -0.217050  49 1 0 2.544742 -2.148089 -0.686388  50 1 0 2.870126 -4.330065 -0.588132  51 1 0 -2.660298 2.458369 0.398823  52 1 0 -2.994789 4.638795 0.283415  53 1 0 2.006623 -5.073293 0.787348  54 1 0 1.358417 -5.249803 -0.834852  55 1 0 -1.562394 5.566978 0.811201  56 1 0 -1.914179 5.422990 -0.902952 |
| TM\_NP\_model\_scan\_p\_110\_m\_90 | 1 6 0 -1.361569 -0.064067 0.366193  2 6 0 -0.539773 -1.165099 0.139757  3 6 0 0.802782 -1.029292 -0.232400  4 6 0 1.349192 0.265783 -0.381027  5 6 0 0.522624 1.365937 -0.166082  6 6 0 -0.822053 1.229638 0.200510  7 6 0 2.777323 0.502307 -0.762302  8 6 0 3.066406 1.013107 -2.011652  9 6 0 4.395249 1.270691 -2.414823  10 6 0 5.437179 1.020818 -1.558884  11 6 0 5.194452 0.515932 -0.255547  12 6 0 3.847297 0.257270 0.159658  13 6 0 3.629674 -0.214498 1.482467  14 6 0 4.681426 -0.436789 2.338558  15 6 0 6.009680 -0.197446 1.920727  16 6 0 6.256369 0.270300 0.653816  17 6 0 -2.777548 -0.293188 0.800993  18 6 0 -3.836850 -0.399213 -0.155956  19 6 0 -5.171332 -0.638869 0.308502  20 6 0 -5.410411 -0.767466 1.700914  21 6 0 -4.378054 -0.665640 2.598167  22 6 0 -3.061254 -0.428561 2.144129  23 6 0 -3.619812 -0.275739 -1.554752  24 6 0 -4.661538 -0.381474 -2.444732  25 6 0 -5.976703 -0.617292 -1.984617  26 6 0 -6.222321 -0.743143 -0.639630  27 6 0 1.609753 -2.238024 -0.498141  28 7 0 1.161702 -3.409210 -0.295979  29 6 0 2.023188 -4.532043 -0.605027  30 6 0 -1.648604 2.435122 0.411878  31 7 0 -1.181756 3.609016 0.279362  32 6 0 -2.073408 4.727749 0.506659  33 1 0 -0.934126 -2.168377 0.244959  34 1 0 0.916473 2.369502 -0.269538  35 1 0 2.253701 1.207509 -2.702443  36 1 0 4.583636 1.663646 -3.407541  37 1 0 6.460823 1.211865 -1.863492  38 1 0 2.615666 -0.392363 1.817415  39 1 0 4.491772 -0.793968 3.344541  40 1 0 6.830630 -0.378187 2.605444  41 1 0 7.273017 0.465419 0.328472  42 1 0 -6.423786 -0.949556 2.043088  43 1 0 -4.564324 -0.766942 3.661405  44 1 0 -2.254911 -0.351418 2.864898  45 1 0 -2.614035 -0.100480 -1.915973  46 1 0 -4.474906 -0.286119 -3.508516  47 1 0 -6.789371 -0.700006 -2.697526  48 1 0 -7.229599 -0.926038 -0.279925  49 1 0 2.620105 -2.068531 -0.891107  50 1 0 3.011380 -4.240321 -0.991189  51 1 0 -2.695670 2.260024 0.690387  52 1 0 -3.098563 4.431208 0.775066  53 1 0 2.159021 -5.138998 0.295725  54 1 0 1.527916 -5.171854 -1.342423  55 1 0 -1.664747 5.355837 1.304693  56 1 0 -2.107909 5.348641 -0.394248 |
| TM\_NP\_model\_scan\_p\_110\_m\_100 | 1 6 0 1.355619 -0.187765 -0.375515  2 6 0 0.503734 -1.241604 -0.054625  3 6 0 -0.834062 -1.038073 0.304140  4 6 0 -1.345891 0.278740 0.336055  5 6 0 -0.491809 1.332484 0.018491  6 6 0 0.847570 1.129143 -0.334387  7 6 0 -2.762489 0.590343 0.705987  8 6 0 -3.020450 1.224093 1.904872  9 6 0 -4.335530 1.559660 2.295331  10 6 0 -5.395466 1.261865 1.477720  11 6 0 -5.185040 0.625954 0.227272  12 6 0 -3.851638 0.288121 -0.175690  13 6 0 -3.666646 -0.320233 -1.446691  14 6 0 -4.736616 -0.596985 -2.263496  15 6 0 -6.051356 -0.276948 -1.856983  16 6 0 -6.266308 0.323053 -0.641088  17 6 0 2.771888 -0.494104 -0.756125  18 6 0 3.839691 -0.352053 0.187818  19 6 0 5.174638 -0.677427 -0.219056  20 6 0 5.406365 -1.137616 -1.540900  21 6 0 4.365687 -1.277305 -2.423128  22 6 0 3.048266 -0.956373 -2.026314  23 6 0 3.629368 0.089782 1.521874  24 6 0 4.678291 0.212480 2.401185  25 6 0 5.994833 -0.101507 1.995431  26 6 0 6.233678 -0.537120 0.715459  27 6 0 -1.670222 -2.196607 0.680340  28 7 0 -1.251534 -3.392242 0.587888  29 6 0 -2.140499 -4.459690 0.998910  30 6 0 1.696184 2.287924 -0.679190  31 7 0 1.270264 3.482792 -0.613671  32 6 0 2.176587 4.551469 -0.981048  33 1 0 0.872660 -2.259829 -0.062503  34 1 0 -0.860551 2.350742 0.025718  35 1 0 -2.193323 1.458504 2.565452  36 1 0 -4.499045 2.051021 3.247803  37 1 0 -6.408881 1.512988 1.772806  38 1 0 -2.663097 -0.561598 -1.773356  39 1 0 -4.571715 -1.059899 -3.229963  40 1 0 -6.886913 -0.501053 -2.510489  41 1 0 -7.272207 0.579911 -0.325344  42 1 0 6.420549 -1.381073 -1.839776  43 1 0 4.545981 -1.633746 -3.431032  44 1 0 2.235926 -1.068970 -2.735517  45 1 0 2.622946 0.325331 1.844516  46 1 0 4.495817 0.549056 3.415569  47 1 0 6.813460 -0.000753 2.699128  48 1 0 7.241453 -0.785042 0.398566  49 1 0 -2.675578 -1.966998 1.055268  50 1 0 -3.121637 -4.108789 1.352350  51 1 0 2.720042 2.058901 -1.001273  52 1 0 3.175772 4.202438 -1.282000  53 1 0 -2.290309 -5.145619 0.159132  54 1 0 -1.661804 -5.038633 1.795206  55 1 0 1.738468 5.126735 -1.802939  56 1 0 2.280620 5.240325 -0.136739 |
| TM\_NP\_model\_scan\_p\_110\_m\_110 | 1 6 0 -1.346722 0.298212 -0.328851  2 6 0 -0.464196 1.303327 0.061348  3 6 0 0.870282 1.040947 0.392181  4 6 0 1.347363 -0.287409 0.328160  5 6 0 0.465166 -1.292512 -0.062318  6 6 0 -0.869309 -1.030145 -0.393358  7 6 0 2.757302 -0.659841 0.665196  8 6 0 3.006133 -1.382216 1.814788  9 6 0 4.315148 -1.773475 2.172661  10 6 0 5.377885 -1.442644 1.371461  11 6 0 5.176038 -0.716916 0.169476  12 6 0 3.848706 -0.322830 -0.200867  13 6 0 3.671135 0.374469 -1.426369  14 6 0 4.743117 0.683054 -2.229048  15 6 0 6.052433 0.308127 -1.853111  16 6 0 6.259760 -0.378563 -0.682634  17 6 0 -2.757823 0.670726 -0.659815  18 6 0 -3.849311 0.312993 0.198122  19 6 0 -5.177477 0.710116 -0.166073  20 6 0 -5.380243 1.460568 -1.352569  21 6 0 -4.317326 1.813488 -2.144062  22 6 0 -3.007581 1.419364 -1.792487  23 6 0 -3.671214 -0.405500 1.411304  24 6 0 -4.743279 -0.732688 2.206470  25 6 0 -6.053505 -0.356467 1.835109  26 6 0 -6.261401 0.351400 0.677475  27 6 0 1.739131 2.148785 0.840467  28 7 0 1.355659 3.359562 0.822169  29 6 0 2.275109 4.373218 1.297375  30 6 0 -1.736382 -2.137835 -0.845693  31 7 0 -1.354892 -3.349118 -0.821339  32 6 0 -2.271560 -4.362409 -1.302685  33 1 0 -0.808031 2.327520 0.136492  34 1 0 0.808903 -2.316799 -0.136710  35 1 0 2.177036 -1.643480 2.462724  36 1 0 4.471812 -2.333791 3.087467  37 1 0 6.386724 -1.736100 1.642122  38 1 0 2.671583 0.659017 -1.729713  39 1 0 4.583933 1.214331 -3.160673  40 1 0 6.889680 0.558538 -2.494806  41 1 0 7.261189 -0.678441 -0.391584  42 1 0 -6.389779 1.755838 -1.618588  43 1 0 -4.474438 2.393511 -3.046421  44 1 0 -2.178466 1.698054 -2.433102  45 1 0 -2.671209 -0.691044 1.712035  46 1 0 -4.583377 -1.279717 3.128810  47 1 0 -6.890827 -0.622150 2.470537  48 1 0 -7.263387 0.653361 0.390542  49 1 0 2.737009 1.867432 1.199884  50 1 0 3.243452 3.972074 1.632110  51 1 0 -2.730628 -1.855919 -1.214610  52 1 0 -3.236174 -3.960513 -1.647136  53 1 0 2.449755 5.101917 0.499397  54 1 0 1.811074 4.919412 2.124839  55 1 0 -1.800839 -4.911175 -2.124652  56 1 0 -2.454650 -5.089037 -0.504712 |
| TM\_NP\_model\_scan\_p\_110\_m\_120 | 1 6 0 1.340390 0.351245 0.312439  2 6 0 0.440362 1.333059 -0.100336  3 6 0 -0.890803 1.044624 -0.420520  4 6 0 -1.348200 -0.288698 -0.327784  5 6 0 -0.449899 -1.271604 0.082198  6 6 0 0.880867 -0.982820 0.405337  7 6 0 -2.754129 -0.687222 -0.650635  8 6 0 -2.999344 -1.435594 -1.784201  9 6 0 -4.305412 -1.848651 -2.128289  10 6 0 -5.368603 -1.513173 -1.329587  11 6 0 -5.170072 -0.761059 -0.143353  12 6 0 -3.845708 -0.345263 0.213386  13 6 0 -3.670788 0.377974 1.424153  14 6 0 -4.742889 0.691115 2.224921  15 6 0 -6.049597 0.295191 1.861738  16 6 0 -6.254102 -0.417096 0.706146  17 6 0 2.750806 0.755067 0.599625  18 6 0 3.855351 0.275867 -0.182078  19 6 0 5.178076 0.727795 0.137306  20 6 0 5.364156 1.656623 1.192913  21 6 0 4.288646 2.137614 1.894565  22 6 0 2.985321 1.691019 1.588861  23 6 0 3.697961 -0.600989 -1.289943  24 6 0 4.782222 -1.032105 -2.016079  25 6 0 6.087301 -0.610822 -1.677243  26 6 0 6.275904 0.252628 -0.627201  27 6 0 -1.775875 2.129568 -0.892681  28 7 0 -1.410078 3.345882 -0.901728  29 6 0 -2.344035 4.335037 -1.399864  30 6 0 1.751101 -2.065266 0.911437  31 7 0 1.402705 -3.286056 0.875897  32 6 0 2.313378 -4.271104 1.423138  33 1 0 0.770253 2.358822 -0.208085  34 1 0 -0.779460 -2.298225 0.183415  35 1 0 -2.170088 -1.700349 -2.430520  36 1 0 -4.459521 -2.429167 -3.030846  37 1 0 -6.375216 -1.822998 -1.590088  38 1 0 -2.673197 0.678977 1.717892  39 1 0 -4.585751 1.242430 3.145185  40 1 0 -6.886986 0.549782 2.501609  41 1 0 -7.253395 -0.733327 0.425266  42 1 0 6.370354 1.988883 1.425812  43 1 0 4.431174 2.858890 2.691282  44 1 0 2.146876 2.070212 2.162075  45 1 0 2.704068 -0.923481 -1.571506  46 1 0 4.635039 -1.696145 -2.860434  47 1 0 6.934600 -0.962081 -2.255286  48 1 0 7.272688 0.595639 -0.369929  49 1 0 -2.769395 1.825499 -1.245496  50 1 0 -3.305774 3.912102 -1.726679  51 1 0 2.713798 -1.754471 1.336417  52 1 0 3.243552 -3.841252 1.823862  53 1 0 -2.530684 5.078333 -0.618225  54 1 0 -1.887186 4.869825 -2.238676  55 1 0 1.806199 -4.826127 2.218792  56 1 0 2.565352 -4.998323 0.644763 |
| TM\_NP\_model\_scan\_p\_110\_m\_130 | 1 6 0 1.337469 0.396975 0.314252  2 6 0 0.421545 1.365121 -0.101051  3 6 0 -0.906994 1.061557 -0.414899  4 6 0 -1.347649 -0.277491 -0.325115  5 6 0 -0.436508 -1.247692 0.086125  6 6 0 0.890359 -0.942410 0.409720  7 6 0 -2.747556 -0.694308 -0.650211  8 6 0 -2.980699 -1.444170 -1.785388  9 6 0 -4.280580 -1.873630 -2.132698  10 6 0 -5.349582 -1.553399 -1.335478  11 6 0 -5.163129 -0.801199 -0.147329  12 6 0 -3.845027 -0.368594 0.212595  13 6 0 -3.681643 0.353897 1.425403  14 6 0 -4.759068 0.650636 2.225268  15 6 0 -6.059803 0.238278 1.858942  16 6 0 -6.252992 -0.473662 0.701184  17 6 0 2.750958 0.818861 0.550938  18 6 0 3.860046 0.246542 -0.163610  19 6 0 5.182195 0.735147 0.103739  20 6 0 5.364819 1.800182 1.021598  21 6 0 4.284965 2.381410 1.634954  22 6 0 2.984661 1.895663 1.387725  23 6 0 3.712282 -0.748741 -1.168636  24 6 0 4.801658 -1.267302 -1.826636  25 6 0 6.106053 -0.819621 -1.521959  26 6 0 6.286291 0.164381 -0.582920  27 6 0 -1.805912 2.136494 -0.884150  28 7 0 -1.456322 3.357550 -0.888284  29 6 0 -2.402913 4.336244 -1.383296  30 6 0 1.756672 -2.011250 0.952268  31 7 0 1.435538 -3.238395 0.893359  32 6 0 2.333960 -4.207539 1.487337  33 1 0 0.738997 2.393024 -0.222959  34 1 0 -0.753542 -2.277751 0.192039  35 1 0 -2.146791 -1.696618 -2.430637  36 1 0 -4.425412 -2.454430 -3.036606  37 1 0 -6.351581 -1.875776 -1.598526  38 1 0 -2.688527 0.667235 1.721440  39 1 0 -4.610716 1.201497 3.147255  40 1 0 -6.901528 0.479882 2.498154  41 1 0 -7.247538 -0.802502 0.417937  42 1 0 6.370710 2.157989 1.214367  43 1 0 4.422323 3.211004 2.319170  44 1 0 2.145918 2.351779 1.901180  45 1 0 2.721413 -1.094028 -1.430737  46 1 0 4.657689 -2.020758 -2.592878  47 1 0 6.957934 -1.242292 -2.042554  48 1 0 7.281241 0.534781 -0.358653  49 1 0 -2.795213 1.820457 -1.238236  50 1 0 -3.359055 3.902037 -1.711720  51 1 0 2.688177 -1.682699 1.430126  52 1 0 3.231004 -3.761088 1.941820  53 1 0 -2.599298 5.074456 -0.599223  54 1 0 -1.952919 4.879682 -2.220254  55 1 0 1.794279 -4.777146 2.250637  56 1 0 2.644651 -4.925099 0.721315 |
| TM\_NP\_model\_scan\_p\_110\_m\_140 | 1 6 0 1.336985 0.423777 0.336877  2 6 0 0.409294 1.387857 -0.067893  3 6 0 -0.916445 1.079941 -0.385501  4 6 0 -1.346153 -0.264072 -0.323347  5 6 0 -0.426454 -1.231886 0.072956  6 6 0 0.896895 -0.921032 0.405480  7 6 0 -2.740683 -0.687657 -0.661379  8 6 0 -2.962325 -1.417865 -1.811602  9 6 0 -4.256877 -1.851899 -2.172726  10 6 0 -5.332070 -1.555702 -1.374550  11 6 0 -5.157436 -0.824195 -0.171738  12 6 0 -3.844728 -0.387090 0.202223  13 6 0 -3.692986 0.314550 1.428709  14 6 0 -4.776466 0.587334 2.228921  15 6 0 -6.071913 0.170471 1.849195  16 6 0 -6.253798 -0.521638 0.677640  17 6 0 2.755261 0.854403 0.526333  18 6 0 3.865220 0.220370 -0.138938  19 6 0 5.187726 0.735738 0.077103  20 6 0 5.371201 1.894569 0.871902  21 6 0 4.289606 2.545666 1.406675  22 6 0 2.991791 2.032064 1.216819  23 6 0 3.722681 -0.851421 -1.063382  24 6 0 4.813351 -1.424740 -1.672008  25 6 0 6.118064 -0.959774 -1.397850  26 6 0 6.294393 0.103442 -0.549432  27 6 0 -1.822409 2.156422 -0.837880  28 7 0 -1.482562 3.380039 -0.818267  29 6 0 -2.434957 4.360333 -1.298925  30 6 0 1.751384 -1.989002 0.970746  31 7 0 1.444825 -3.218230 0.886971  32 6 0 2.323621 -4.184620 1.513954  33 1 0 0.716730 2.418804 -0.186417  34 1 0 -0.734485 -2.266040 0.164287  35 1 0 -2.123383 -1.650586 -2.457721  36 1 0 -4.392808 -2.416853 -3.087981  37 1 0 -6.330098 -1.881571 -1.648205  38 1 0 -2.703891 0.630979 1.734779  39 1 0 -4.636953 1.122497 3.161473  40 1 0 -6.918531 0.392932 2.488885  41 1 0 -7.244199 -0.853728 0.383850  42 1 0 6.377365 2.269772 1.026006  43 1 0 4.423897 3.451381 1.987029  44 1 0 2.155661 2.544037 1.678941  45 1 0 2.734270 -1.212035 -1.310414  46 1 0 4.668597 -2.234785 -2.377966  47 1 0 6.971394 -1.428068 -1.875197  48 1 0 7.288077 0.494358 -0.356696  49 1 0 -2.808025 1.839084 -1.200896  50 1 0 -3.386966 3.924968 -1.637586  51 1 0 2.657058 -1.656056 1.493432  52 1 0 3.193928 -3.734286 2.014272  53 1 0 -2.638871 5.083419 -0.502792  54 1 0 -1.986644 4.921351 -2.125115  55 1 0 1.754219 -4.766382 2.245819  56 1 0 2.677173 -4.891909 0.756994 |
| TM\_NP\_model\_scan\_p\_110\_p\_20 | 1 6 0 -1.448662 0.472787 -0.093661  2 6 0 -0.732066 -0.670618 -0.478084  3 6 0 0.655915 -0.698852 -0.634259  4 6 0 1.394513 0.489062 -0.452649  5 6 0 0.695649 1.643993 -0.112179  6 6 0 -0.691557 1.666811 0.064132  7 6 0 2.878209 0.562686 -0.622404  8 6 0 3.397805 1.250616 -1.700652  9 6 0 4.791044 1.359226 -1.904722  10 6 0 5.665622 0.777358 -1.022891  11 6 0 5.184851 0.072468 0.110372  12 6 0 3.772008 -0.034438 0.325834  13 6 0 3.317899 -0.716982 1.486646  14 6 0 4.205855 -1.280064 2.371634  15 6 0 5.597770 -1.188762 2.147211  16 6 0 6.072467 -0.524344 1.043640  17 6 0 -2.932948 0.461131 -0.262827  18 6 0 -3.748371 -0.658647 0.156275  19 6 0 -5.164829 -0.611828 -0.074201  20 6 0 -5.754661 0.560948 -0.608858  21 6 0 -4.982119 1.659495 -0.877058  22 6 0 -3.587231 1.609634 -0.683128  23 6 0 -3.244524 -1.792133 0.853183  24 6 0 -4.059610 -2.838324 1.216161  25 6 0 -5.436138 -2.819760 0.908519  26 6 0 -5.973499 -1.721187 0.287585  27 6 0 1.310669 -1.953774 -1.059654  28 7 0 0.685630 -3.057992 -1.113707  29 6 0 1.408814 -4.230357 -1.562939  30 6 0 -1.278376 2.914009 0.608106  31 7 0 -0.723846 4.047256 0.461231  32 6 0 -1.333625 5.193042 1.106068  33 1 0 -1.256353 -1.579928 -0.734729  34 1 0 1.232118 2.569501 0.055041  35 1 0 2.718243 1.706572 -2.411813  36 1 0 5.161747 1.901718 -2.767046  37 1 0 6.737055 0.851986 -1.176454  38 1 0 2.253845 -0.784803 1.674715  39 1 0 3.837052 -1.794498 3.251895  40 1 0 6.287686 -1.638758 2.852184  41 1 0 7.140305 -0.441852 0.869343  42 1 0 -6.826076 0.578987 -0.777885  43 1 0 -5.430855 2.569015 -1.259965  44 1 0 -3.004838 2.466743 -0.993499  45 1 0 -2.201504 -1.828291 1.130860  46 1 0 -3.639158 -3.681522 1.752476  47 1 0 -6.065913 -3.657670 1.185250  48 1 0 -7.037333 -1.671827 0.079773  49 1 0 2.370616 -1.878336 -1.333637  50 1 0 2.461437 -4.032505 -1.814775  51 1 0 -2.202114 2.797856 1.190508  52 1 0 -2.252117 4.952931 1.663138  53 1 0 1.368501 -4.997713 -0.783362  54 1 0 0.905618 -4.648040 -2.440748  55 1 0 -0.611645 5.644944 1.793723  56 1 0 -1.564051 5.951467 0.351125 |
| TM\_NP\_model\_scan\_p\_110\_p\_30 | 1 6 0 -1.445657 0.451311 -0.175906  2 6 0 -0.717919 -0.678462 -0.571311  3 6 0 0.673062 -0.686581 -0.701436  4 6 0 1.395023 0.502605 -0.461135  5 6 0 0.680776 1.639908 -0.094304  6 6 0 -0.710999 1.644763 0.050100  7 6 0 2.881813 0.594199 -0.594659  8 6 0 3.419362 1.323554 -1.636211  9 6 0 4.815812 1.452000 -1.803818  10 6 0 5.675632 0.848446 -0.922081  11 6 0 5.175804 0.100954 0.175081  12 6 0 3.759494 -0.026086 0.353677  13 6 0 3.285589 -0.751507 1.480104  14 6 0 4.158519 -1.336316 2.365940  15 6 0 5.554271 -1.225089 2.177077  16 6 0 6.047649 -0.519189 1.107985  17 6 0 -2.930632 0.428688 -0.322068  18 6 0 -3.735258 -0.662446 0.172480  19 6 0 -5.154339 -0.630804 -0.039752  20 6 0 -5.748053 0.496180 -0.661911  21 6 0 -4.977241 1.564702 -1.038462  22 6 0 -3.580478 1.531826 -0.852417  23 6 0 -3.209957 -1.753796 0.918043  24 6 0 -4.016059 -2.774249 1.363830  25 6 0 -5.401362 -2.767470 1.094385  26 6 0 -5.954448 -1.711623 0.415295  27 6 0 1.351308 -1.919313 -1.154030  28 7 0 0.736604 -3.024029 -1.274704  29 6 0 1.482923 -4.173045 -1.745446  30 6 0 -1.339114 2.869420 0.595919  31 7 0 -0.776484 4.006569 0.531972  32 6 0 -1.437967 5.130184 1.164436  33 1 0 -1.234128 -1.587565 -0.848425  34 1 0 1.206299 2.562732 0.117030  35 1 0 2.751922 1.797435 -2.347136  36 1 0 5.200790 2.027240 -2.638224  37 1 0 6.749523 0.938075 -1.047951  38 1 0 2.218234 -0.834636 1.641446  39 1 0 3.774803 -1.883403 3.219755  40 1 0 6.232138 -1.692716 2.882269  41 1 0 7.118331 -0.421133 0.961444  42 1 0 -6.821609 0.503470 -0.817877  43 1 0 -5.430654 2.435834 -1.497593  44 1 0 -2.993753 2.361708 -1.225482  45 1 0 -2.156805 -1.775254 1.159019  46 1 0 -3.583261 -3.588281 1.934333  47 1 0 -6.024729 -3.584008 1.440819  48 1 0 -7.022653 -1.676968 0.227911  49 1 0 2.419221 -1.826272 -1.388544  50 1 0 2.542818 -3.960251 -1.950281  51 1 0 -2.305918 2.734685 1.098119  52 1 0 -2.399006 4.872421 1.635106  53 1 0 1.418959 -4.972601 -1.000581  54 1 0 1.014468 -4.556008 -2.657673  55 1 0 -0.775229 5.555779 1.924754  56 1 0 -1.605923 5.915356 0.420453 |
| TM\_NP\_model\_scan\_p\_110\_p\_40 | 1 6 0 -1.443287 0.432171 -0.258098  2 6 0 -0.704782 -0.684926 -0.661765  3 6 0 0.688795 -0.676438 -0.764720  4 6 0 1.394548 0.511745 -0.471965  5 6 0 0.665710 1.631991 -0.082009  6 6 0 -0.729413 1.621514 0.031859  7 6 0 2.883336 0.619055 -0.571631  8 6 0 3.435454 1.384966 -1.578745  9 6 0 4.833707 1.532442 -1.712091  10 6 0 5.680759 0.912384 -0.829520  11 6 0 5.165381 0.128299 0.234429  12 6 0 3.746981 -0.019178 0.377581  13 6 0 3.256743 -0.781767 1.472043  14 6 0 4.116620 -1.381561 2.360611  15 6 0 5.514835 -1.249417 2.206529  16 6 0 6.023524 -0.508350 1.168859  17 6 0 -2.929517 0.396364 -0.383232  18 6 0 -3.721748 -0.659151 0.191496  19 6 0 -5.142367 -0.648058 -0.008693  20 6 0 -5.742380 0.419240 -0.723629  21 6 0 -4.976541 1.448589 -1.206612  22 6 0 -3.578466 1.437705 -1.024781  23 6 0 -3.176290 -1.697243 0.995672  24 6 0 -3.971588 -2.685530 1.524788  25 6 0 -5.362816 -2.695080 1.284345  26 6 0 -5.931626 -1.692833 0.539665  27 6 0 1.388828 -1.888983 -1.238037  28 7 0 0.785009 -2.991562 -1.418599  29 6 0 1.553299 -4.119409 -1.904931  30 6 0 -1.394330 2.825922 0.576531  31 7 0 -0.824434 3.961072 0.602029  32 6 0 -1.533393 5.065218 1.216864  33 1 0 -1.212642 -1.593516 -0.958135  34 1 0 1.180269 2.550918 0.169659  35 1 0 2.778440 1.873210 -2.289653  36 1 0 5.230305 2.136048 -2.520626  37 1 0 6.756081 1.016845 -0.928998  38 1 0 2.187100 -0.881190 1.606969  39 1 0 3.720586 -1.956760 3.189989  40 1 0 6.182293 -1.729076 2.913566  41 1 0 7.095960 -0.394272 1.049242  42 1 0 -6.817208 0.411714 -0.870789  43 1 0 -5.436066 2.270870 -1.743260  44 1 0 -2.990471 2.236467 -1.460616  45 1 0 -2.115932 -1.701772 1.206927  46 1 0 -3.527099 -3.461785 2.137431  47 1 0 -5.977952 -3.484992 1.700315  48 1 0 -7.002745 -1.676074 0.367067  49 1 0 2.463197 -1.782429 -1.433940  50 1 0 2.618591 -3.895108 -2.064487  51 1 0 -2.400199 2.679202 0.989970  52 1 0 -2.530444 4.795970 1.597458  53 1 0 1.467315 -4.946441 -1.193034  54 1 0 1.118892 -4.469830 -2.846641  55 1 0 -0.934393 5.460916 2.043334  56 1 0 -1.637748 5.876429 0.489349 |
| TM\_NP\_model\_scan\_p\_110\_p\_50 | 1 6 0 -1.442111 0.416354 -0.342616  2 6 0 -0.691901 -0.687500 -0.754932  3 6 0 0.703711 -0.664478 -0.829632  4 6 0 1.392945 0.520765 -0.486764  5 6 0 0.649070 1.623868 -0.077142  6 6 0 -0.748515 1.599491 0.006112  7 6 0 2.882968 0.641665 -0.551161  8 6 0 3.449972 1.440851 -1.523540  9 6 0 4.849287 1.605081 -1.621115  10 6 0 5.682356 0.969794 -0.736151  11 6 0 5.150984 0.152787 0.294664  12 6 0 3.731283 -0.013159 0.400537  13 6 0 3.224236 -0.809256 1.463038  14 6 0 4.069773 -1.422044 2.356460  15 6 0 5.469640 -1.270713 2.239238  16 6 0 5.994112 -0.498334 1.232724  17 6 0 -2.929996 0.361988 -0.449048  18 6 0 -3.704774 -0.649594 0.214193  19 6 0 -5.126358 -0.669960 0.024271  20 6 0 -5.738901 0.319596 -0.785965  21 6 0 -4.984300 1.300679 -1.376329  22 6 0 -3.585088 1.321116 -1.200575  23 6 0 -3.135757 -1.617600 1.086143  24 6 0 -3.914461 -2.567681 1.702196  25 6 0 -5.309576 -2.604431 1.485169  26 6 0 -5.898444 -1.671828 0.668636  27 6 0 1.424959 -1.857319 -1.320461  28 7 0 0.833905 -2.956815 -1.554340  29 6 0 1.623762 -4.064024 -2.053161  30 6 0 -1.446711 2.786163 0.545732  31 7 0 -0.872760 3.913613 0.662337  32 6 0 -1.623236 5.002940 1.253133  33 1 0 -1.190312 -1.595075 -1.071553  34 1 0 1.151764 2.538350 0.212064  35 1 0 2.804221 1.942482 -2.235437  36 1 0 5.257917 2.234336 -2.403693  37 1 0 6.758519 1.087506 -0.807912  38 1 0 2.152912 -0.923871 1.569719  39 1 0 3.661009 -2.022519 3.161395  40 1 0 6.125685 -1.760715 2.949851  41 1 0 7.067682 -0.369599 1.141553  42 1 0 -6.814558 0.290145 -0.924297  43 1 0 -5.454430 2.059887 -1.991085  44 1 0 -3.002297 2.083091 -1.705132  45 1 0 -2.070342 -1.597884 1.272525  46 1 0 -3.455003 -3.292922 2.364327  47 1 0 -5.911851 -3.362930 1.972368  48 1 0 -6.971532 -1.681035 0.508047  49 1 0 2.503913 -1.738514 -1.481005  50 1 0 2.691890 -3.828765 -2.173281  51 1 0 -2.484972 2.634559 0.866207  52 1 0 -2.651187 4.731684 1.537799  53 1 0 1.521833 -4.914173 -1.371223  54 1 0 1.220062 -4.386186 -3.018351  55 1 0 -1.093779 5.363507 2.140883  56 1 0 -1.658750 5.839769 0.548335 |
| TM\_NP\_model\_scan\_p\_110\_p\_60 | 1 6 0 -1.441933 0.400019 -0.443511  2 6 0 -0.673956 -0.686803 -0.863772  3 6 0 0.722854 -0.645997 -0.906790  4 6 0 1.390268 0.536244 -0.512339  5 6 0 0.625952 1.620888 -0.091696  6 6 0 -0.773494 1.579859 -0.044883  7 6 0 2.880676 0.670272 -0.530665  8 6 0 3.469621 1.499189 -1.464241  9 6 0 4.869835 1.676343 -1.515690  10 6 0 5.681437 1.024514 -0.622900  11 6 0 5.126534 0.177043 0.370256  12 6 0 3.705756 -0.002726 0.428928  13 6 0 3.174091 -0.830208 1.454793  14 6 0 3.997621 -1.458726 2.357761  15 6 0 5.398972 -1.292944 2.287134  16 6 0 5.946673 -0.491066 1.316697  17 6 0 -2.931011 0.312876 -0.534889  18 6 0 -3.676620 -0.638283 0.237680  19 6 0 -5.098803 -0.707629 0.068534  20 6 0 -5.737173 0.171834 -0.842428  21 6 0 -5.006648 1.090285 -1.552551  22 6 0 -3.606177 1.159623 -1.393500  23 6 0 -3.072759 -1.502657 1.190820  24 6 0 -3.822710 -2.398510 1.914149  25 6 0 -5.220714 -2.479984 1.727825  26 6 0 -5.841025 -1.649854 0.827971  27 6 0 1.469683 -1.816625 -1.412374  28 7 0 0.896394 -2.913199 -1.698518  29 6 0 1.711431 -3.997010 -2.208059  30 6 0 -1.507401 2.748524 0.484431  31 7 0 -0.936821 3.861992 0.705419  32 6 0 -1.731138 4.936046 1.265754  33 1 0 -1.157625 -1.594936 -1.201968  34 1 0 1.111817 2.532313 0.233792  35 1 0 2.841127 2.014500 -2.181784  36 1 0 5.296411 2.329048 -2.268936  37 1 0 6.758235 1.152283 -0.659260  38 1 0 2.101137 -0.956533 1.525546  39 1 0 3.570067 -2.083142 3.134224  40 1 0 6.037609 -1.795442 3.004838  41 1 0 7.021325 -0.351351 1.261486  42 1 0 -6.813281 0.107559 -0.964634  43 1 0 -5.497338 1.762705 -2.247143  44 1 0 -3.041443 1.875190 -1.980594  45 1 0 -2.003615 -1.446857 1.348288  46 1 0 -3.339091 -3.046709 2.636252  47 1 0 -5.800324 -3.194227 2.301723  48 1 0 -6.915755 -1.697943 0.686240  49 1 0 2.551707 -1.683376 -1.536975  50 1 0 2.780224 -3.748450 -2.289387  51 1 0 -2.573173 2.597121 0.695785  52 1 0 -2.785796 4.668928 1.431726  53 1 0 1.598043 -4.869040 -1.556248  54 1 0 1.339209 -4.292250 -3.194297  55 1 0 -1.290960 5.248089 2.218311  56 1 0 -1.684575 5.803738 0.600031 |
| TM\_NP\_model\_scan\_p\_110\_p\_70 | 1 6 0 -1.438114 0.356196 -0.529024  2 6 0 -0.648707 -0.715261 -0.944501  3 6 0 0.748555 -0.653282 -0.957015  4 6 0 1.389629 0.533221 -0.532444  5 6 0 0.601451 1.601114 -0.112439  6 6 0 -0.797884 1.538282 -0.096716  7 6 0 2.878144 0.689234 -0.517761  8 6 0 3.473596 1.539695 -1.427521  9 6 0 4.871593 1.739303 -1.446720  10 6 0 5.674156 1.089027 -0.544708  11 6 0 5.111670 0.220709 0.425915  12 6 0 3.693036 0.017579 0.451426  13 6 0 3.152720 -0.830427 1.455725  14 6 0 3.966461 -1.456037 2.369514  15 6 0 5.366123 -1.266877 2.331659  16 6 0 5.921734 -0.445230 1.382488  17 6 0 -2.927159 0.238391 -0.620046  18 6 0 -3.662561 -0.615905 0.264317  19 6 0 -5.082587 -0.726459 0.101266  20 6 0 -5.726186 0.014102 -0.922843  21 6 0 -5.002361 0.834198 -1.750516  22 6 0 -3.603273 0.943808 -1.595773  23 6 0 -3.047091 -1.348933 1.314951  24 6 0 -3.786933 -2.156272 2.144976  25 6 0 -5.184387 -2.274164 1.972767  26 6 0 -5.814274 -1.572585 0.975085  27 6 0 1.523759 -1.807001 -1.458533  28 7 0 0.973270 -2.908269 -1.770390  29 6 0 1.815863 -3.974934 -2.271044  30 6 0 -1.568826 2.692226 0.410210  31 7 0 -1.018061 3.799977 0.699187  32 6 0 -1.854573 4.862711 1.218086  33 1 0 -1.113588 -1.628210 -1.296150  34 1 0 1.067080 2.515517 0.233739  35 1 0 2.852434 2.054423 -2.151846  36 1 0 5.303715 2.408229 -2.182373  37 1 0 6.749297 1.234220 -0.556140  38 1 0 2.080692 -0.974986 1.501039  39 1 0 3.532305 -2.096308 3.129215  40 1 0 5.997070 -1.767165 3.057652  41 1 0 6.994911 -0.287572 1.352558  42 1 0 -6.800912 -0.078798 -1.038893  43 1 0 -5.497280 1.398146 -2.533105  44 1 0 -3.042694 1.583820 -2.268097  45 1 0 -1.977340 -1.264698 1.457338  46 1 0 -3.296331 -2.706992 2.939688  47 1 0 -5.756028 -2.916738 2.632928  48 1 0 -6.887999 -1.652956 0.840490  49 1 0 2.606397 -1.657145 -1.556067  50 1 0 2.882494 -3.710090 -2.325025  51 1 0 -2.647550 2.536046 0.536356  52 1 0 -2.917663 4.590667 1.301550  53 1 0 1.700328 -4.854789 -1.630193  54 1 0 1.471065 -4.266093 -3.268404  55 1 0 -1.486270 5.159371 2.205384  56 1 0 -1.762047 5.741577 0.572089 |
| TM\_NP\_model\_scan\_p\_110\_p\_80 | 1 6 0 -1.430053 0.262562 -0.610778  2 6 0 -0.609202 -0.797717 -0.988595  3 6 0 0.786786 -0.702076 -0.975031  4 6 0 1.390612 0.506064 -0.557313  5 6 0 0.569083 1.564074 -0.176980  6 6 0 -0.828218 1.468953 -0.193145  7 6 0 2.874463 0.698162 -0.515666  8 6 0 3.467453 1.548290 -1.427402  9 6 0 4.860380 1.781170 -1.422837  10 6 0 5.660384 1.163811 -0.495766  11 6 0 5.099860 0.296210 0.476608  12 6 0 3.686137 0.059905 0.478420  13 6 0 3.146910 -0.787398 1.483930  14 6 0 3.957652 -1.381560 2.421062  15 6 0 5.352945 -1.159615 2.406887  16 6 0 5.907002 -0.337414 1.457297  17 6 0 -2.916102 0.101212 -0.713021  18 6 0 -3.658297 -0.579106 0.304744  19 6 0 -5.073606 -0.738112 0.143556  20 6 0 -5.704628 -0.217109 -1.015091  21 6 0 -4.972965 0.436973 -1.973436  22 6 0 -3.577922 0.595341 -1.818447  23 6 0 -3.050440 -1.095920 1.480645  24 6 0 -3.795611 -1.739804 2.438915  25 6 0 -5.189613 -1.902533 2.273931  26 6 0 -5.810771 -1.411731 1.152251  27 6 0 1.598748 -1.844866 -1.442094  28 7 0 1.080133 -2.962305 -1.751234  29 6 0 1.957848 -4.016221 -2.217359  30 6 0 -1.642601 2.618674 0.250283  31 7 0 -1.124160 3.733735 0.569012  32 6 0 -2.006125 4.794902 1.009898  33 1 0 -1.046337 -1.729164 -1.327006  34 1 0 1.005750 2.496986 0.157480  35 1 0 2.848596 2.037110 -2.171382  36 1 0 5.290788 2.449251 -2.160268  37 1 0 6.731784 1.334651 -0.488762  38 1 0 2.078046 -0.957723 1.510622  39 1 0 3.524364 -2.022390 3.180788  40 1 0 5.981570 -1.635412 3.151132  41 1 0 6.976557 -0.154740 1.445259  42 1 0 -6.776045 -0.344429 -1.129284  43 1 0 -5.458758 0.833276 -2.857962  44 1 0 -3.011233 1.107569 -2.588061  45 1 0 -1.982654 -0.976383 1.614544  46 1 0 -3.312381 -2.126815 3.329002  47 1 0 -5.765579 -2.414637 3.036498  48 1 0 -6.881279 -1.530691 1.020623  49 1 0 2.679722 -1.672290 -1.517725  50 1 0 3.019148 -3.727687 -2.251275  51 1 0 -2.726574 2.453704 0.297061  52 1 0 -3.069985 4.513539 1.018106  53 1 0 1.847772 -4.889291 -1.566364  54 1 0 1.642468 -4.329318 -3.217814  55 1 0 -1.714504 5.108294 2.017417  56 1 0 -1.873692 5.665852 0.360116 |
| TM\_NP\_model\_scan\_p\_110\_p\_90 | 1 6 0 -1.421657 0.126671 -0.691120  2 6 0 -0.567281 -0.931355 -0.990902  3 6 0 0.825751 -0.796949 -0.960666  4 6 0 1.389941 0.449355 -0.605094  5 6 0 0.534040 1.507808 -0.310205  6 6 0 -0.859368 1.374961 -0.347652  7 6 0 2.867135 0.684022 -0.546663  8 6 0 3.456552 1.494140 -1.496382  9 6 0 4.842356 1.765688 -1.478636  10 6 0 5.638981 1.226626 -0.501151  11 6 0 5.081635 0.401622 0.509299  12 6 0 3.674874 0.127289 0.498277  13 6 0 3.137908 -0.675699 1.540745  14 6 0 3.944987 -1.193474 2.525185  15 6 0 5.333979 -0.934658 2.524286  16 6 0 5.885189 -0.152558 1.539836  17 6 0 -2.902516 -0.087593 -0.778197  18 6 0 -3.650295 -0.525338 0.361260  19 6 0 -5.062188 -0.731724 0.228762  20 6 0 -5.683580 -0.500331 -1.025354  21 6 0 -4.945192 -0.083451 -2.103466  22 6 0 -3.553155 0.122964 -1.976123  23 6 0 -3.048750 -0.760179 1.626933  24 6 0 -3.798266 -1.176183 2.700887  25 6 0 -5.190127 -1.380840 2.567565  26 6 0 -5.804379 -1.163117 1.359049  27 6 0 1.675404 -1.944646 -1.340111  28 7 0 1.191339 -3.092207 -1.589397  29 6 0 2.105254 -4.150222 -1.968561  30 6 0 -1.713272 2.535406 -0.022700  31 7 0 -1.228787 3.673479 0.266553  32 6 0 -2.149339 4.748438 0.575334  33 1 0 -0.973765 -1.895156 -1.271953  34 1 0 0.939926 2.472783 -0.032725  35 1 0 2.840791 1.920976 -2.280025  36 1 0 5.270104 2.400785 -2.246148  37 1 0 6.704985 1.427714 -0.483292  38 1 0 2.073712 -0.874269 1.557219  39 1 0 3.513435 -1.801920 3.312033  40 1 0 5.959742 -1.350178 3.306093  41 1 0 6.949597 0.058375 1.537313  42 1 0 -6.752853 -0.659959 -1.116796  43 1 0 -5.423596 0.090288 -3.060753  44 1 0 -2.981964 0.452305 -2.836925  45 1 0 -1.982269 -0.607981 1.736799  46 1 0 -3.320146 -1.350524 3.658260  47 1 0 -5.769802 -1.710629 3.422392  48 1 0 -6.872702 -1.318874 1.249938  49 1 0 2.753246 -1.749464 -1.404203  50 1 0 3.159417 -3.836330 -1.999411  51 1 0 -2.796386 2.359831 -0.044380  52 1 0 -3.208520 4.454560 0.523725  53 1 0 2.003040 -4.981967 -1.264320  54 1 0 1.819959 -4.535698 -2.952627  55 1 0 -1.934746 5.127344 1.579647  56 1 0 -1.976800 5.579028 -0.116566 |
| TM\_NP\_model\_scan\_p\_110\_p\_100 | 1 6 0 -1.408916 -0.058768 -0.711566  2 6 0 -0.527674 -1.126285 -0.862831  3 6 0 0.861693 -0.955830 -0.843099  4 6 0 1.394133 0.340003 -0.657407  5 6 0 0.511587 1.408006 -0.512820  6 6 0 -0.877739 1.238142 -0.538539  7 6 0 2.865168 0.615193 -0.625992  8 6 0 3.442025 1.303181 -1.674577  9 6 0 4.821341 1.606008 -1.689737  10 6 0 5.623663 1.223051 -0.645533  11 6 0 5.078411 0.531458 0.466518  12 6 0 3.678354 0.225401 0.488168  13 6 0 3.152413 -0.438514 1.629361  14 6 0 3.963890 -0.796180 2.679214  15 6 0 5.346637 -0.507613 2.647870  16 6 0 5.886975 0.143497 1.566830  17 6 0 -2.882583 -0.322482 -0.769063  18 6 0 -3.665327 -0.424635 0.425903  19 6 0 -5.069603 -0.688927 0.316095  20 6 0 -5.648859 -0.849724 -0.968855  21 6 0 -4.876163 -0.759396 -2.098366  22 6 0 -3.491891 -0.496644 -1.994512  23 6 0 -3.104845 -0.282316 1.723834  24 6 0 -3.887170 -0.386638 2.848863  25 6 0 -5.272795 -0.640493 2.737890  26 6 0 -5.846834 -0.788892 1.499543  27 6 0 1.741110 -2.123827 -1.055343  28 7 0 1.285626 -3.305467 -1.153632  29 6 0 2.227959 -4.382967 -1.376490  30 6 0 -1.760339 2.414426 -0.400828  31 7 0 -1.304225 3.587275 -0.228077  32 6 0 -2.251256 4.676978 -0.109608  33 1 0 -0.909577 -2.129241 -1.008556  34 1 0 0.892978 2.411852 -0.372158  35 1 0 2.821748 1.605110 -2.511007  36 1 0 5.239686 2.140544 -2.535097  37 1 0 6.684793 1.449109 -0.651829  38 1 0 2.092852 -0.657446 1.668980  39 1 0 3.540478 -1.300044 3.540828  40 1 0 5.976209 -0.796264 3.482004  41 1 0 6.946319 0.377028 1.539408  42 1 0 -6.712794 -1.049474 -1.041726  43 1 0 -5.321610 -0.887374 -3.078489  44 1 0 -2.894218 -0.424140 -2.896256  45 1 0 -2.042753 -0.094225 1.819648  46 1 0 -3.439093 -0.276729 3.830054  47 1 0 -5.878660 -0.720895 3.633400  48 1 0 -6.909331 -0.989006 1.407163  49 1 0 2.815253 -1.913501 -1.131573  50 1 0 3.275194 -4.050892 -1.438263  51 1 0 -2.838703 2.219717 -0.460346  52 1 0 -3.302743 4.361376 -0.184327  53 1 0 2.134647 -5.114443 -0.567487  54 1 0 1.964934 -4.904336 -2.302447  55 1 0 -2.099505 5.181782 0.849777  56 1 0 -2.046086 5.417564 -0.889272 |
| TM\_NP\_model\_scan\_p\_110\_p\_110 | 1 6 0 1.397838 0.231810 -0.704666  2 6 0 0.491565 1.289867 -0.712372  3 6 0 -0.893579 1.088346 -0.718097  4 6 0 -1.397893 -0.231433 -0.704826  5 6 0 -0.491635 -1.289495 -0.712796  6 6 0 0.893509 -1.087970 -0.718373  7 6 0 -2.862531 -0.539077 -0.697501  8 6 0 -3.440966 -1.090859 -1.822894  9 6 0 -4.814516 -1.416778 -1.863091  10 6 0 -5.609320 -1.193956 -0.767904  11 6 0 -5.061728 -0.647305 0.421044  12 6 0 -3.667414 -0.318858 0.468072  13 6 0 -3.138280 0.196186 1.682439  14 6 0 -3.942065 0.393754 2.779485  15 6 0 -5.319587 0.084619 2.724828  16 6 0 -5.862471 -0.426471 1.572142  17 6 0 2.862466 0.539394 -0.697257  18 6 0 3.667445 0.318666 0.468148  19 6 0 5.061768 0.647057 0.421150  20 6 0 5.609321 1.194116 -0.767629  21 6 0 4.814454 1.417366 -1.862680  22 6 0 3.440882 1.091540 -1.822502  23 6 0 3.138360 -0.196875 1.682323  24 6 0 3.942186 -0.394854 2.779269  25 6 0 5.319707 -0.085715 2.724658  26 6 0 5.862559 0.425762 1.572128  27 6 0 -1.798141 2.255270 -0.774237  28 7 0 -1.368248 3.449028 -0.715026  29 6 0 -2.333619 4.526116 -0.795121  30 6 0 1.798084 -2.254872 -0.774820  31 7 0 1.368227 -3.448657 -0.715863  32 6 0 2.333608 -4.525731 -0.796259  33 1 0 0.850426 2.311710 -0.713389  34 1 0 -0.850506 -2.311335 -0.714152  35 1 0 -2.827117 -1.264838 -2.699497  36 1 0 -5.234656 -1.841038 -2.768016  37 1 0 -6.666123 -1.438260 -0.792915  38 1 0 -2.082537 0.428935 1.739935  39 1 0 -3.516287 0.785687 3.696365  40 1 0 -5.942944 0.246301 3.597031  41 1 0 -6.917645 -0.675204 1.525023  42 1 0 6.666145 1.438326 -0.792609  43 1 0 5.234542 1.841950 -2.767480  44 1 0 2.826984 1.265874 -2.698996  45 1 0 2.082631 -0.429700 1.739745  46 1 0 3.516424 -0.787136 3.696006  47 1 0 5.943115 -0.247704 3.596768  48 1 0 6.917741 0.674468 1.525049  49 1 0 -2.867692 2.034234 -0.880096  50 1 0 -3.373662 4.182943 -0.901262  51 1 0 2.867609 -2.033748 -0.880753  52 1 0 3.373640 -4.182546 -0.902470  53 1 0 -2.254436 5.146345 0.103335  54 1 0 -2.083283 5.170256 -1.644126  55 1 0 2.254555 -5.146115 0.102104  56 1 0 2.083173 -5.169740 -1.645333 |
| TM\_NP\_model\_scan\_p\_110\_p\_120 | 1 6 0 1.389487 0.342790 -0.675549  2 6 0 0.461496 1.380825 -0.605481  3 6 0 -0.919486 1.156385 -0.629409  4 6 0 -1.400483 -0.169616 -0.708017  5 6 0 -0.474491 -1.206786 -0.796854  6 6 0 0.906673 -0.981150 -0.791940  7 6 0 -2.858881 -0.504715 -0.722613  8 6 0 -3.427530 -0.987815 -1.884039  9 6 0 -4.794643 -1.336164 -1.947720  10 6 0 -5.593209 -1.203447 -0.840738  11 6 0 -5.055970 -0.727600 0.382908  12 6 0 -3.667847 -0.377989 0.453948  13 6 0 -3.148881 0.065848 1.700396  14 6 0 -3.956885 0.176905 2.806435  15 6 0 -5.328561 -0.152754 2.729112  16 6 0 -5.861265 -0.597371 1.544564  17 6 0 2.844473 0.681218 -0.613806  18 6 0 3.680305 0.246134 0.469028  19 6 0 5.063104 0.624759 0.472985  20 6 0 5.567404 1.441314 -0.571176  21 6 0 4.740291 1.879820 -1.573281  22 6 0 3.380482 1.502228 -1.587335  23 6 0 3.194119 -0.521779 1.562135  24 6 0 4.028450 -0.920542 2.578730  25 6 0 5.397167 -0.571326 2.563295  26 6 0 5.897559 0.188045 1.535354  27 6 0 -1.843702 2.309036 -0.603452  28 7 0 -1.433028 3.503459 -0.468926  29 6 0 -2.416216 4.567369 -0.472283  30 6 0 1.825603 -2.124725 -0.972386  31 7 0 1.418849 -3.327911 -0.964354  32 6 0 2.393262 -4.378255 -1.179164  33 1 0 0.800538 2.406080 -0.523337  34 1 0 -0.814655 -2.231826 -0.877621  35 1 0 -2.810764 -1.089537 -2.769886  36 1 0 -5.206974 -1.705283 -2.880002  37 1 0 -6.645240 -1.465255 -0.883399  38 1 0 -2.097632 0.313720 1.774672  39 1 0 -3.538939 0.515899 3.747686  40 1 0 -5.955393 -0.059345 3.608778  41 1 0 -6.911767 -0.861314 1.479253  42 1 0 6.615663 1.720618 -0.556735  43 1 0 5.124969 2.513509 -2.364354  44 1 0 2.743440 1.844721 -2.394932  45 1 0 2.145748 -0.788324 1.595286  46 1 0 3.632430 -1.503226 3.402843  47 1 0 6.045683 -0.895664 3.369309  48 1 0 6.944106 0.474502 1.522786  49 1 0 -2.910150 2.077652 -0.717825  50 1 0 -3.451385 4.214638 -0.593354  51 1 0 2.882535 -1.876694 -1.130582  52 1 0 3.418657 -4.008453 -1.329059  53 1 0 -2.339966 5.129289 0.463999  54 1 0 -2.183008 5.269363 -1.279267  55 1 0 2.383029 -5.058265 -0.321468  56 1 0 2.097378 -4.969505 -2.051721 |
| TM\_NP\_model\_scan\_p\_110\_p\_130 | 1 6 0 1.387688 0.390851 -0.689071  2 6 0 0.445913 1.416455 -0.596705  3 6 0 -0.932287 1.179023 -0.619141  4 6 0 -1.400957 -0.150188 -0.713434  5 6 0 -0.464162 -1.175490 -0.822287  6 6 0 0.914584 -0.936393 -0.820509  7 6 0 -2.855721 -0.500333 -0.725247  8 6 0 -3.425077 -0.973460 -1.890450  9 6 0 -4.788680 -1.335607 -1.952196  10 6 0 -5.582803 -1.227424 -0.839381  11 6 0 -5.044268 -0.763526 0.388290  12 6 0 -3.659711 -0.399655 0.457224  13 6 0 -3.138783 0.031132 1.707404  14 6 0 -3.941881 0.116596 2.819280  15 6 0 -5.310280 -0.226895 2.744262  16 6 0 -5.844588 -0.659508 1.555992  17 6 0 2.834541 0.745998 -0.577199  18 6 0 3.683871 0.202196 0.447524  19 6 0 5.054540 0.621205 0.505672  20 6 0 5.530841 1.591964 -0.411446  21 6 0 4.684609 2.149223 -1.335365  22 6 0 3.339470 1.731901 -1.405799  23 6 0 3.222366 -0.698577 1.446447  24 6 0 4.069816 -1.192981 2.408754  25 6 0 5.430208 -0.814070 2.432315  26 6 0 5.905417 0.077873 1.504206  27 6 0 -1.867317 2.322147 -0.566411  28 7 0 -1.467226 3.517889 -0.413222  29 6 0 -2.460716 4.571941 -0.388482  30 6 0 1.837138 -2.067237 -1.059713  31 7 0 1.445275 -3.275136 -1.047090  32 6 0 2.417592 -4.310191 -1.334196  33 1 0 0.772017 2.443302 -0.488250  34 1 0 -0.793898 -2.202399 -0.920553  35 1 0 -2.811912 -1.055701 -2.780807  36 1 0 -5.201883 -1.695717 -2.887611  37 1 0 -6.632164 -1.499984 -0.880447  38 1 0 -2.089813 0.289020 1.779910  39 1 0 -3.522433 0.445755 3.763341  40 1 0 -5.933261 -0.153702 3.628569  41 1 0 -6.892464 -0.934081 1.492308  42 1 0 6.570425 1.897424 -0.356905  43 1 0 5.043577 2.907142 -2.022361  44 1 0 2.691331 2.167163 -2.157876  45 1 0 2.180711 -0.989820 1.456685  46 1 0 3.688942 -1.873987 3.161568  47 1 0 6.090018 -1.217027 3.192376  48 1 0 6.943053 0.394427 1.526930  49 1 0 -2.932311 2.082284 -0.676664  50 1 0 -3.493247 4.211411 -0.508860  51 1 0 2.880764 -1.804236 -1.273036  52 1 0 3.429312 -3.925863 -1.532387  53 1 0 -2.382934 5.115930 0.558219  54 1 0 -2.240470 5.292072 -1.183017  55 1 0 2.461237 -5.005978 -0.490383  56 1 0 2.080897 -4.888524 -2.200614 |
| TM\_NP\_model\_scan\_p\_110\_p\_140 | 1 6 0 1.384948 0.424620 -0.700810  2 6 0 0.426250 1.436570 -0.605649  3 6 0 -0.948446 1.183981 -0.626513  4 6 0 -1.402987 -0.150687 -0.709991  5 6 0 -0.453515 -1.163621 -0.820015  6 6 0 0.922288 -0.908378 -0.826170  7 6 0 -2.853423 -0.517607 -0.712798  8 6 0 -3.422947 -1.004903 -1.872102  9 6 0 -4.783019 -1.381415 -1.925150  10 6 0 -5.573558 -1.272645 -0.809840  11 6 0 -5.034605 -0.794113 0.412008  12 6 0 -3.653408 -0.416255 0.472357  13 6 0 -3.131500 0.028914 1.717094  14 6 0 -3.930929 0.115425 2.831529  15 6 0 -5.296300 -0.241522 2.764767  16 6 0 -5.831193 -0.688590 1.582121  17 6 0 2.822121 0.800838 -0.542302  18 6 0 3.692865 0.177159 0.421317  19 6 0 5.049821 0.633969 0.525525  20 6 0 5.486561 1.729027 -0.261028  21 6 0 4.611769 2.374474 -1.096453  22 6 0 3.285156 1.916750 -1.219891  23 6 0 3.267129 -0.828655 1.332966  24 6 0 4.136690 -1.395205 2.233838  25 6 0 5.488355 -0.989615 2.282534  26 6 0 5.927120 0.009485 1.451400  27 6 0 -1.895528 2.317505 -0.577434  28 7 0 -1.507600 3.519176 -0.440410  29 6 0 -2.512534 4.562444 -0.419545  30 6 0 1.848123 -2.027925 -1.107721  31 7 0 1.472589 -3.240640 -1.083483  32 6 0 2.442958 -4.261764 -1.422665  33 1 0 0.735370 2.467419 -0.488927  34 1 0 -0.770360 -2.194637 -0.917671  35 1 0 -2.812974 -1.087136 -2.764640  36 1 0 -5.196525 -1.752722 -2.856044  37 1 0 -6.620350 -1.555776 -0.844485  38 1 0 -2.084639 0.296874 1.783563  39 1 0 -3.510786 0.455754 3.771311  40 1 0 -5.916421 -0.167217 3.650988  41 1 0 -6.876647 -0.973601 1.524844  42 1 0 6.515451 2.060939 -0.170792  43 1 0 4.934962 3.232215 -1.675258  44 1 0 2.621438 2.420464 -1.913055  45 1 0 2.232831 -1.142767 1.332752  46 1 0 3.778000 -2.153681 2.920559  47 1 0 6.167311 -1.452631 2.989628  48 1 0 6.954739 0.354356 1.500801  49 1 0 -2.958590 2.064812 -0.676755  50 1 0 -3.541880 4.189059 -0.527252  51 1 0 2.877119 -1.750196 -1.368379  52 1 0 3.439503 -3.863596 -1.665276  53 1 0 -2.433204 5.118359 0.520052  54 1 0 -2.306906 5.275517 -1.224317  55 1 0 2.534795 -4.962070 -0.586475  56 1 0 2.073266 -4.839063 -2.276212 |
| TM\_NP\_model\_scan\_p\_110\_p\_150 | 1 6 0 1.385477 0.445005 -0.735364  2 6 0 0.411000 1.445660 -0.651779  3 6 0 -0.960686 1.180168 -0.662039  4 6 0 -1.404258 -0.159530 -0.712653  5 6 0 -0.444307 -1.163177 -0.808495  6 6 0 0.928671 -0.894511 -0.828092  7 6 0 -2.850767 -0.540421 -0.695555  8 6 0 -3.425032 -1.058450 -1.839126  9 6 0 -4.781836 -1.448731 -1.872469  10 6 0 -5.564130 -1.323301 -0.753088  11 6 0 -5.019493 -0.814297 0.453792  12 6 0 -3.641529 -0.422182 0.494229  13 6 0 -3.113068 0.052561 1.725223  14 6 0 -3.903585 0.153747 2.844758  15 6 0 -5.266077 -0.217044 2.797243  16 6 0 -5.806956 -0.692518 1.628504  17 6 0 2.813025 0.839687 -0.527869  18 6 0 3.696335 0.164274 0.393837  19 6 0 5.040147 0.649231 0.546427  20 6 0 5.445266 1.830281 -0.122500  21 6 0 4.547466 2.535342 -0.881399  22 6 0 3.239409 2.047276 -1.060449  23 6 0 3.296406 -0.911003 1.235911  24 6 0 4.179603 -1.524391 2.091864  25 6 0 5.524030 -1.100485 2.165733  26 6 0 5.935585 -0.028507 1.416257  27 6 0 -1.917412 2.306333 -0.628274  28 7 0 -1.539575 3.514251 -0.521782  29 6 0 -2.554184 4.548337 -0.513399  30 6 0 1.853577 -2.009214 -1.136954  31 7 0 1.490957 -3.225092 -1.093155  32 6 0 2.456006 -4.238261 -1.469472  33 1 0 0.702114 2.482126 -0.543344  34 1 0 -0.749771 -2.199182 -0.887990  35 1 0 -2.821886 -1.153993 -2.734967  36 1 0 -5.199508 -1.843926 -2.791592  37 1 0 -6.608467 -1.616749 -0.772878  38 1 0 -2.068099 0.330910 1.777537  39 1 0 -3.478425 0.516270 3.773926  40 1 0 -5.879081 -0.130972 3.687336  41 1 0 -6.850084 -0.988439 1.586139  42 1 0 6.463896 2.181224 0.004075  43 1 0 4.838871 3.463210 -1.360155  44 1 0 2.568211 2.599260 -1.707434  45 1 0 2.268196 -1.241643 1.226220  46 1 0 3.834938 -2.333799 2.725547  47 1 0 6.215537 -1.602646 2.832758  48 1 0 6.953723 0.338554 1.493738  49 1 0 -2.978994 2.041754 -0.710891  50 1 0 -3.580908 4.162929 -0.601963  51 1 0 2.868060 -1.722835 -1.441899  52 1 0 3.437360 -3.831380 -1.755598  53 1 0 -2.470588 5.125694 0.412788  54 1 0 -2.363816 5.245132 -1.335974  55 1 0 2.590594 -4.934073 -0.635277  56 1 0 2.056353 -4.822817 -2.304354 |
| TM\_NP\_model\_scan\_p\_110\_p\_160 | 1 6 0 1.386382 0.457976 -0.769497  2 6 0 0.393995 1.445761 -0.709369  3 6 0 -0.974272 1.166917 -0.707908  4 6 0 -1.406087 -0.177129 -0.712776  5 6 0 -0.434626 -1.170547 -0.785218  6 6 0 0.935191 -0.887961 -0.819569  7 6 0 -2.848182 -0.571697 -0.672201  8 6 0 -3.426447 -1.131303 -1.793978  9 6 0 -4.779848 -1.534545 -1.803878  10 6 0 -5.554434 -1.380685 -0.682678  11 6 0 -5.004759 -0.829909 0.503368  12 6 0 -3.630165 -0.424407 0.520192  13 6 0 -3.095675 0.091249 1.731970  14 6 0 -3.877721 0.218711 2.854780  15 6 0 -5.237238 -0.164993 2.829969  16 6 0 -5.783576 -0.679680 1.680554  17 6 0 2.802479 0.876816 -0.514811  18 6 0 3.703593 0.161956 0.365315  19 6 0 5.034894 0.670462 0.556555  20 6 0 5.402562 1.919442 0.000314  21 6 0 4.474607 2.668363 -0.674816  22 6 0 3.185242 2.154176 -0.902440  23 6 0 3.332372 -0.965805 1.150345  24 6 0 4.232598 -1.613012 1.962872  25 6 0 5.571045 -1.174423 2.049469  26 6 0 5.952766 -0.046657 1.370002  27 6 0 -1.941064 2.285178 -0.702732  28 7 0 -1.574454 3.499241 -0.634282  29 6 0 -2.598902 4.523522 -0.651770  30 6 0 1.857805 -2.000883 -1.148489  31 7 0 1.506925 -3.219038 -1.082982  32 6 0 2.465343 -4.227197 -1.488600  33 1 0 0.663564 2.489119 -0.621046  34 1 0 -0.727235 -2.211935 -0.838513  35 1 0 -2.829757 -1.249409 -2.691455  36 1 0 -5.201113 -1.962315 -2.706623  37 1 0 -6.596232 -1.683661 -0.684760  38 1 0 -2.052665 0.379486 1.767496  39 1 0 -3.447974 0.612008 3.769203  40 1 0 -5.843506 -0.057909 3.722387  41 1 0 -6.824286 -0.985925 1.655994  42 1 0 6.411183 2.287208 0.155553  43 1 0 4.728268 3.651373 -1.054697  44 1 0 2.504181 2.746951 -1.500242  45 1 0 2.309262 -1.309191 1.140869  46 1 0 3.903779 -2.460074 2.554354  47 1 0 6.278005 -1.704919 2.677154  48 1 0 6.961900 0.339888 1.467807  49 1 0 -3.000459 2.008213 -0.771845  50 1 0 -3.622209 4.125839 -0.723854  51 1 0 2.857584 -1.709077 -1.494534  52 1 0 3.430692 -3.814315 -1.817401  53 1 0 -2.516768 5.128977 0.256418  54 1 0 -2.419072 5.197139 -1.495728  55 1 0 2.640027 -4.913759 -0.654111  56 1 0 2.038276 -4.823293 -2.301428 |
| TM\_NP\_model\_scan\_p\_120\_m\_0 | 1 6 0 -1.464687 0.561211 -0.298558  2 6 0 -0.743892 -0.643809 -0.375171  3 6 0 0.641463 -0.732828 -0.541716  4 6 0 1.415592 0.443697 -0.535262  5 6 0 0.732869 1.652542 -0.414327  6 6 0 -0.655244 1.739858 -0.294189  7 6 0 2.905867 0.463933 -0.630333  8 6 0 3.497672 1.127425 -1.688275  9 6 0 4.900233 1.205018 -1.824022  10 6 0 5.716516 0.624869 -0.887125  11 6 0 5.163794 -0.036116 0.239357  12 6 0 3.739693 -0.109400 0.387709  13 6 0 3.219682 -0.720327 1.561202  14 6 0 4.053285 -1.259121 2.511628  15 6 0 5.455482 -1.214934 2.345561  16 6 0 5.994217 -0.611934 1.236633  17 6 0 -2.850115 0.501862 0.272718  18 6 0 -3.763232 -0.597743 -0.003200  19 6 0 -5.046301 -0.613883 0.644214  20 6 0 -5.475849 0.508546 1.395104  21 6 0 -4.688377 1.625170 1.460260  22 6 0 -3.405911 1.622621 0.876306  23 6 0 -3.524644 -1.631974 -0.952095  24 6 0 -4.412898 -2.664523 -1.145134  25 6 0 -5.608996 -2.736019 -0.403218  26 6 0 -5.921407 -1.716333 0.458606  27 6 0 1.257729 -2.063815 -0.732468  28 7 0 0.587251 -3.139702 -0.656972  29 6 0 1.279111 -4.392883 -0.879865  30 6 0 -1.224442 3.104989 -0.418102  31 7 0 -0.595959 4.145967 -0.052172  32 6 0 -1.201656 5.436153 -0.315643  33 1 0 -1.243392 -1.590777 -0.247983  34 1 0 1.284064 2.584579 -0.414589  35 1 0 2.866281 1.576597 -2.446600  36 1 0 5.324739 1.720810 -2.677865  37 1 0 6.795684 0.672526 -0.987971  38 1 0 2.148305 -0.749180 1.711673  39 1 0 3.632121 -1.715826 3.400153  40 1 0 6.101815 -1.647617 3.100839  41 1 0 7.070349 -0.558342 1.108279  42 1 0 -6.448080 0.479740 1.875322  43 1 0 -5.026615 2.511314 1.985076  44 1 0 -2.785375 2.484475 1.070894  45 1 0 -2.645524 -1.595707 -1.576172  46 1 0 -4.192283 -3.423351 -1.887353  47 1 0 -6.289982 -3.567551 -0.544432  48 1 0 -6.865699 -1.716583 0.993059  49 1 0 2.330555 -2.071110 -0.961396  50 1 0 2.350900 -4.274849 -1.098635  51 1 0 -2.205293 3.170906 -0.909359  52 1 0 -2.183933 5.373589 -0.808872  53 1 0 1.165584 -5.027479 0.004669  54 1 0 0.802961 -4.923810 -1.710393  55 1 0 -1.311052 5.982538 0.626428  56 1 0 -0.528501 6.027751 -0.944334 |
| TM\_NP\_model\_scan\_p\_120\_m\_10 | 1 6 0 -1.453516 0.506294 -0.217848  2 6 0 -0.729892 -0.695403 -0.284883  3 6 0 0.652658 -0.769047 -0.476202  4 6 0 1.408287 0.420545 -0.525780  5 6 0 0.714957 1.625180 -0.426984  6 6 0 -0.671645 1.697347 -0.273729  7 6 0 2.895782 0.455423 -0.658560  8 6 0 3.453123 1.091784 -1.751226  9 6 0 4.850868 1.181603 -1.924186  10 6 0 5.697060 0.641619 -0.989840  11 6 0 5.180484 0.010949 0.170659  12 6 0 3.761438 -0.075016 0.356301  13 6 0 3.278147 -0.654126 1.561223  14 6 0 4.141535 -1.150523 2.508165  15 6 0 5.538608 -1.093667 2.306696  16 6 0 6.042267 -0.521159 1.165590  17 6 0 -2.839521 0.454680 0.343113  18 6 0 -3.780870 -0.591836 -0.009589  19 6 0 -5.076887 -0.598394 0.609843  20 6 0 -5.467888 0.478832 1.443810  21 6 0 -4.627234 1.543392 1.627192  22 6 0 -3.338595 1.535195 1.057218  23 6 0 -3.542187 -1.584554 -1.001050  24 6 0 -4.461746 -2.568537 -1.279322  25 6 0 -5.688167 -2.626352 -0.585872  26 6 0 -5.989404 -1.648682 0.327427  27 6 0 1.286291 -2.095204 -0.641670  28 7 0 0.638408 -3.178741 -0.504288  29 6 0 1.344337 -4.427309 -0.708063  30 6 0 -1.279791 3.043859 -0.400150  31 7 0 -0.644427 4.109610 -0.129132  32 6 0 -1.301490 5.377167 -0.378029  33 1 0 -1.226927 -1.642196 -0.136168  34 1 0 1.254246 2.563194 -0.470768  35 1 0 2.797624 1.509057 -2.507305  36 1 0 5.247886 1.674837 -2.804174  37 1 0 6.772765 0.698903 -1.118817  38 1 0 2.211128 -0.692614 1.738136  39 1 0 3.748002 -1.583373 3.420980  40 1 0 6.208757 -1.492591 3.059802  41 1 0 7.114196 -0.458279 1.009241  42 1 0 -6.450281 0.457615 1.903381  43 1 0 -4.932240 2.390531 2.230913  44 1 0 -2.675818 2.347158 1.321341  45 1 0 -2.632236 -1.553359 -1.580741  46 1 0 -4.243068 -3.299897 -2.049190  47 1 0 -6.397026 -3.418466 -0.798656  48 1 0 -6.948823 -1.645395 0.834215  49 1 0 2.350620 -2.092338 -0.907511  50 1 0 2.405399 -4.299355 -0.969370  51 1 0 -2.303477 3.071789 -0.797728  52 1 0 -2.321872 5.277758 -0.779022  53 1 0 1.273632 -5.031773 0.201689  54 1 0 0.848459 -4.995419 -1.501617  55 1 0 -1.339914 5.952439 0.552409  56 1 0 -0.700961 5.961349 -1.082642 |
| TM\_NP\_model\_scan\_p\_120\_m\_20 | 1 6 0 -1.441678 0.455894 -0.138600  2 6 0 -0.715729 -0.742357 -0.195294  3 6 0 0.663525 -0.803107 -0.411211  4 6 0 1.400460 0.396289 -0.516636  5 6 0 0.696694 1.596407 -0.440714  6 6 0 -0.687622 1.656176 -0.256102  7 6 0 2.884251 0.443697 -0.685649  8 6 0 3.407894 1.050595 -1.811190  9 6 0 4.799956 1.151628 -2.019927  10 6 0 5.674400 0.653718 -1.088280  11 6 0 5.193030 0.056024 0.104415  12 6 0 3.779836 -0.042152 0.325602  13 6 0 3.332012 -0.587291 1.559745  14 6 0 4.223471 -1.039573 2.502782  15 6 0 5.614723 -0.970240 2.267756  16 6 0 6.084391 -0.430326 1.096637  17 6 0 -2.833554 0.413382 0.401323  18 6 0 -3.794700 -0.583413 -0.018006  19 6 0 -5.100591 -0.583421 0.578716  20 6 0 -5.461982 0.444481 1.485615  21 6 0 -4.581093 1.453983 1.769626  22 6 0 -3.286938 1.443223 1.211981  23 6 0 -3.553728 -1.535422 -1.047413  24 6 0 -4.496790 -2.471575 -1.400536  25 6 0 -5.746682 -2.516600 -0.747915  26 6 0 -6.040792 -1.581838 0.211800  27 6 0 1.312642 -2.124242 -0.554346  28 7 0 0.684263 -3.212070 -0.368756  29 6 0 1.402308 -4.456301 -0.556046  30 6 0 -1.328150 2.986539 -0.378178  31 7 0 -0.691803 4.069319 -0.188218  32 6 0 -1.389681 5.318935 -0.415016  33 1 0 -1.210409 -1.688365 -0.026946  34 1 0 1.224324 2.538206 -0.526155  35 1 0 2.729512 1.434766 -2.564600  36 1 0 5.170187 1.620233 -2.924706  37 1 0 6.746018 0.720013 -1.244235  38 1 0 2.269815 -0.634880 1.761775  39 1 0 3.856813 -1.446901 3.438271  40 1 0 6.307263 -1.334018 3.018400  41 1 0 7.151536 -0.358324 0.913727  42 1 0 -6.452208 0.428842 1.928380  43 1 0 -4.861724 2.258085 2.440331  44 1 0 -2.592660 2.208944 1.531477  45 1 0 -2.619083 -1.510638 -1.588111  46 1 0 -4.279128 -3.175642 -2.195732  47 1 0 -6.476344 -3.269569 -1.023393  48 1 0 -7.012292 -1.576216 0.695029  49 1 0 2.369685 -2.114321 -0.847702  50 1 0 2.454660 -4.321659 -0.847475  51 1 0 -2.380978 2.986959 -0.690045  52 1 0 -2.438442 5.192492 -0.724449  53 1 0 1.362532 -5.036438 0.371260  54 1 0 0.894735 -5.052573 -1.321041  55 1 0 -1.359013 5.920088 0.499207  56 1 0 -0.861315 5.891484 -1.184083 |
| TM\_NP\_model\_scan\_p\_120\_m\_30 | 1 6 0 -1.429939 0.410683 -0.058830  2 6 0 -0.700559 -0.783142 -0.110658  3 6 0 0.674978 -0.830884 -0.351808  4 6 0 1.392346 0.376529 -0.505481  5 6 0 0.677087 1.570800 -0.447702  6 6 0 -0.704206 1.618005 -0.233091  7 6 0 2.871728 0.436565 -0.707924  8 6 0 3.363624 1.018497 -1.860600  9 6 0 4.749544 1.130553 -2.102009  10 6 0 5.649810 0.669368 -1.176105  11 6 0 5.201482 0.099138 0.042681  12 6 0 3.794625 -0.010390 0.296645  13 6 0 3.379919 -0.527167 1.554349  14 6 0 4.296826 -0.942347 2.490039  15 6 0 5.681809 -0.861906 2.223659  16 6 0 6.119735 -0.348492 1.028533  17 6 0 -2.828816 0.372072 0.458850  18 6 0 -3.804516 -0.571966 -0.029247  19 6 0 -5.117174 -0.575954 0.550862  20 6 0 -5.454545 0.387376 1.534813  21 6 0 -4.542598 1.336733 1.915559  22 6 0 -3.244719 1.333676 1.365732  23 6 0 -3.561086 -1.471299 -1.103867  24 6 0 -4.521286 -2.357622 -1.530721  25 6 0 -5.788483 -2.399654 -0.910740  26 6 0 -6.077843 -1.519409 0.100877  27 6 0 1.339141 -2.145920 -0.480182  28 7 0 0.730626 -3.237255 -0.253447  29 6 0 1.460427 -4.476011 -0.431192  30 6 0 -1.374510 2.933217 -0.345117  31 7 0 -0.742209 4.029798 -0.237414  32 6 0 -1.477643 5.262360 -0.436499  33 1 0 -1.191096 -1.729580 0.072531  34 1 0 1.191985 2.515650 -0.569680  35 1 0 2.664458 1.373751 -2.609167  36 1 0 5.094537 1.578428 -3.027044  37 1 0 6.716948 0.744225 -1.356969  38 1 0 2.322887 -0.582512 1.780097  39 1 0 3.955317 -1.328543 3.443841  40 1 0 6.394635 -1.196229 2.968995  41 1 0 7.181775 -0.268170 0.821040  42 1 0 -6.449944 0.369210 1.965801  43 1 0 -4.804225 2.086398 2.653647  44 1 0 -2.526598 2.053493 1.737914  45 1 0 -2.607773 -1.445890 -1.612316  46 1 0 -4.304650 -3.025191 -2.357081  47 1 0 -6.533313 -3.111550 -1.248033  48 1 0 -7.058347 -1.518676 0.565618  49 1 0 2.388314 -2.128982 -0.800391  50 1 0 2.503323 -4.334474 -0.751901  51 1 0 -2.449247 2.910147 -0.566694  52 1 0 -2.546264 5.111863 -0.653273  53 1 0 1.451376 -5.035897 0.509289  54 1 0 0.942001 -5.095676 -1.169884  55 1 0 -1.380805 5.888156 0.456325  56 1 0 -1.025157 5.821787 -1.261593 |
| TM\_NP\_model\_scan\_p\_120\_m\_40 | 1 6 0 -1.419420 0.368867 0.024061  2 6 0 -0.684746 -0.819493 -0.028073  3 6 0 0.686457 -0.853428 -0.295429  4 6 0 1.383211 0.361278 -0.490012  5 6 0 0.655411 1.548286 -0.443162  6 6 0 -0.722127 1.581837 -0.198993  7 6 0 2.857174 0.435116 -0.726173  8 6 0 3.316463 0.998412 -1.901359  9 6 0 4.695267 1.122503 -2.175438  10 6 0 5.621328 0.691944 -1.260266  11 6 0 5.206875 0.141840 -0.020429  12 6 0 3.807367 0.020672 0.266664  13 6 0 3.426616 -0.475038 1.543453  14 6 0 4.368775 -0.860247 2.466783  15 6 0 5.746521 -0.768770 2.168290  16 6 0 6.151910 -0.274475 0.953773  17 6 0 -2.825867 0.326842 0.519646  18 6 0 -3.811406 -0.556916 -0.044814  19 6 0 -5.129424 -0.578437 0.521237  20 6 0 -5.449894 0.300239 1.586818  21 6 0 -4.515180 1.181920 2.064985  22 6 0 -3.213482 1.198169 1.523296  23 6 0 -3.563660 -1.384200 -1.174428  24 6 0 -4.534986 -2.215218 -1.679425  25 6 0 -5.815550 -2.267834 -1.086998  26 6 0 -6.103764 -1.460324 -0.015812  27 6 0 1.365865 -2.161263 -0.415847  28 7 0 0.779788 -3.255932 -0.149397  29 6 0 1.521965 -4.487824 -0.323670  30 6 0 -1.419267 2.883299 -0.294367  31 7 0 -0.796438 3.990251 -0.264409  32 6 0 -1.563854 5.208147 -0.429083  33 1 0 -1.168959 -1.767771 0.166302  34 1 0 1.156245 2.496289 -0.595570  35 1 0 2.596692 1.329453 -2.641439  36 1 0 5.014279 1.555040 -3.116960  37 1 0 6.683225 0.775958 -1.466212  38 1 0 2.375529 -0.538105 1.793549  39 1 0 4.053051 -1.230945 3.435501  40 1 0 6.479513 -1.079431 2.904250  41 1 0 7.208096 -0.185704 0.721340  42 1 0 -6.449461 0.269998 2.007416  43 1 0 -4.763466 1.862415 2.871562  44 1 0 -2.478156 1.868033 1.952893  45 1 0 -2.595731 -1.347802 -1.655106  46 1 0 -4.317815 -2.831327 -2.544720  47 1 0 -6.570350 -2.934053 -1.489277  48 1 0 -7.091472 -1.474229 0.433216  49 1 0 2.405274 -2.136657 -0.766191  50 1 0 2.552638 -4.338398 -0.678511  51 1 0 -2.507828 2.841082 -0.425798  52 1 0 -2.644088 5.038855 -0.555229  53 1 0 1.549186 -5.028033 0.627924  54 1 0 0.990782 -5.130011 -1.033498  55 1 0 -1.404422 5.854804 0.439584  56 1 0 -1.187693 5.754885 -1.299755 |
| TM\_NP\_model\_scan\_p\_120\_m\_50 | 1 6 0 -1.410997 0.324249 0.122625  2 6 0 -0.665975 -0.855539 0.065020  3 6 0 0.699714 -0.871706 -0.231678  4 6 0 1.371416 0.351604 -0.462429  5 6 0 0.627978 1.528727 -0.415379  6 6 0 -0.744312 1.544334 -0.138450  7 6 0 2.837328 0.443282 -0.739999  8 6 0 3.255651 0.996008 -1.935378  9 6 0 4.624359 1.134697 -2.250113  10 6 0 5.581720 0.728872 -1.356046  11 6 0 5.209866 0.190552 -0.097710  12 6 0 3.820787 0.055533 0.230822  13 6 0 3.483045 -0.427157 1.524573  14 6 0 4.455993 -0.788151 2.425484  15 6 0 5.823380 -0.683863 2.086298  16 6 0 6.187595 -0.200806 0.854347  17 6 0 -2.825842 0.265298 0.594775  18 6 0 -3.813252 -0.542975 -0.064743  19 6 0 -5.140668 -0.595411 0.475765  20 6 0 -5.458610 0.170571 1.625940  21 6 0 -4.511588 0.969497 2.213800  22 6 0 -3.201775 1.018297 1.692482  23 6 0 -3.551092 -1.269700 -1.258197  24 6 0 -4.525891 -2.029593 -1.858945  25 6 0 -5.822005 -2.106064 -1.303004  26 6 0 -6.119714 -1.399329 -0.164964  27 6 0 1.396831 -2.170099 -0.351578  28 7 0 0.839759 -3.268728 -0.042457  29 6 0 1.596566 -4.491263 -0.220189  30 6 0 -1.468209 2.831814 -0.207061  31 7 0 -0.862722 3.947818 -0.253879  32 6 0 -1.660671 5.151239 -0.372027  33 1 0 -1.139533 -1.807916 0.268079  34 1 0 1.111138 2.481604 -0.592524  35 1 0 2.510914 1.307100 -2.659228  36 1 0 4.910668 1.558255 -3.206122  37 1 0 6.636125 0.823774 -1.593329  38 1 0 2.440428 -0.499789 1.805537  39 1 0 4.172842 -1.149505 3.407702  40 1 0 6.580988 -0.975621 2.804859  41 1 0 7.235490 -0.102068 0.590524  42 1 0 -6.465352 0.119052 2.027001  43 1 0 -4.757927 1.559869 3.089099  44 1 0 -2.458570 1.628302 2.193086  45 1 0 -2.567222 -1.213786 -1.704536  46 1 0 -4.299884 -2.571856 -2.770196  47 1 0 -6.580232 -2.714419 -1.783017  48 1 0 -7.117058 -1.437567 0.260775  49 1 0 2.422532 -2.135517 -0.739657  50 1 0 2.609917 -4.331674 -0.617902  51 1 0 -2.563046 2.771299 -0.241209  52 1 0 -2.744956 4.964379 -0.398663  53 1 0 1.670250 -5.010480 0.740602  54 1 0 1.049930 -5.157404 -0.895337  55 1 0 -1.435029 5.816926 0.467095  56 1 0 -1.371434 5.685908 -1.282526 |
| TM\_NP\_model\_scan\_p\_120\_m\_60 | 1 6 0 -1.399065 0.263642 0.202638  2 6 0 -0.639899 -0.904101 0.122276  3 6 0 0.719754 -0.894446 -0.203080  4 6 0 1.363119 0.341758 -0.447880  5 6 0 0.600249 1.505676 -0.386255  6 6 0 -0.765723 1.495114 -0.078107  7 6 0 2.821963 0.459554 -0.752313  8 6 0 3.209941 1.017148 -1.955540  9 6 0 4.570552 1.179617 -2.293552  10 6 0 5.550071 0.792358 -1.415376  11 6 0 5.209302 0.249651 -0.150141  12 6 0 3.828610 0.090914 0.202097  13 6 0 3.521455 -0.395444 1.502096  14 6 0 4.515695 -0.737661 2.386933  15 6 0 5.875079 -0.609991 2.024450  16 6 0 6.209777 -0.122840 0.785741  17 6 0 -2.816198 0.177816 0.669525  18 6 0 -3.816573 -0.521053 -0.083749  19 6 0 -5.146262 -0.611288 0.445274  20 6 0 -5.446371 0.002481 1.688047  21 6 0 -4.478996 0.686186 2.379434  22 6 0 -3.167444 0.773659 1.865976  23 6 0 -3.558610 -1.108865 -1.352057  24 6 0 -4.546256 -1.767416 -2.044286  25 6 0 -5.849433 -1.874081 -1.509176  26 6 0 -6.139601 -1.304979 -0.294372  27 6 0 1.438678 -2.178933 -0.340215  28 7 0 0.913150 -3.287433 -0.011742  29 6 0 1.689035 -4.494840 -0.209398  30 6 0 -1.518431 2.766753 -0.103340  31 7 0 -0.941836 3.893314 -0.215401  32 6 0 -1.770626 5.080335 -0.269110  33 1 0 -1.097772 -1.864851 0.323423  34 1 0 1.062573 2.467171 -0.572327  35 1 0 2.447704 1.314026 -2.667041  36 1 0 4.833063 1.606643 -3.254837  37 1 0 6.598427 0.905632 -1.670705  38 1 0 2.485219 -0.486364 1.800673  39 1 0 4.255559 -1.102253 3.374309  40 1 0 6.649796 -0.887171 2.730433  41 1 0 7.251164 -0.006286 0.504013  42 1 0 -6.455131 -0.075336 2.079785  43 1 0 -4.711594 1.155831 3.328492  44 1 0 -2.408961 1.297512 2.436853  45 1 0 -2.566302 -1.029145 -1.776693  46 1 0 -4.325595 -2.206670 -3.010668  47 1 0 -6.618372 -2.400173 -2.063633  48 1 0 -7.140455 -1.372775 0.119269  49 1 0 2.451792 -2.125099 -0.758223  50 1 0 2.685810 -4.315985 -0.639518  51 1 0 -2.610490 2.684640 -0.038301  52 1 0 -2.848762 4.872709 -0.193710  53 1 0 1.803769 -5.008577 0.750331  54 1 0 1.135162 -5.174599 -0.864749  55 1 0 -1.481516 5.758202 0.540272  56 1 0 -1.577042 5.611422 -1.206667 |
| TM\_NP\_model\_scan\_p\_120\_m\_70 | 1 6 0 -1.388616 0.180479 0.291364  2 6 0 -0.606685 -0.967353 0.171790  3 6 0 0.745833 -0.917881 -0.180832  4 6 0 1.353261 0.338252 -0.416345  5 6 0 0.565152 1.482589 -0.315039  6 6 0 -0.793157 1.431847 0.021894  7 6 0 2.801823 0.496162 -0.750827  8 6 0 3.149784 1.084643 -1.951577  9 6 0 4.498453 1.284323 -2.316606  10 6 0 5.506114 0.902846 -1.468220  11 6 0 5.206398 0.328766 -0.206455  12 6 0 3.837944 0.132545 0.173471  13 6 0 3.571324 -0.384926 1.470420  14 6 0 4.592744 -0.721425 2.325988  15 6 0 5.940364 -0.556717 1.935624  16 6 0 6.235917 -0.038981 0.699354  17 6 0 -2.808095 0.048907 0.746764  18 6 0 -3.817277 -0.498365 -0.110052  19 6 0 -5.152386 -0.640111 0.392399  20 6 0 -5.444692 -0.231873 1.718835  21 6 0 -4.463937 0.299979 2.516893  22 6 0 -3.147126 0.439724 2.026911  23 6 0 -3.556814 -0.891466 -1.450766  24 6 0 -4.552364 -1.409125 -2.243925  25 6 0 -5.864409 -1.560395 -1.741593  26 6 0 -6.154592 -1.181928 -0.454331  27 6 0 1.492303 -2.181191 -0.359865  28 7 0 1.004913 -3.307742 -0.034000  29 6 0 1.803799 -4.492003 -0.275123  30 6 0 -1.577709 2.683209 0.060637  31 7 0 -1.040161 3.824909 -0.085775  32 6 0 -1.898864 4.991301 -0.057903  33 1 0 -1.041419 -1.942475 0.354848  34 1 0 1.001087 2.458497 -0.489368  35 1 0 2.365273 1.377377 -2.640217  36 1 0 4.729464 1.735229 -3.275071  37 1 0 6.545597 1.044647 -1.744697  38 1 0 2.544431 -0.505002 1.790170  39 1 0 4.363243 -1.110274 3.311701  40 1 0 6.736918 -0.829891 2.618488  41 1 0 7.267802 0.105964 0.396594  42 1 0 -6.457603 -0.346818 2.090188  43 1 0 -4.690475 0.610766 3.530561  44 1 0 -2.379701 0.849614 2.674161  45 1 0 -2.555587 -0.776840 -1.846111  46 1 0 -4.331715 -1.702864 -3.264017  47 1 0 -6.640013 -1.972653 -2.377196  48 1 0 -7.161129 -1.289788 -0.063517  49 1 0 2.490718 -2.094531 -0.806664  50 1 0 2.782060 -4.281812 -0.732774  51 1 0 -2.658883 2.572002 0.211324  52 1 0 -2.962400 4.755925 0.098875  53 1 0 1.960864 -5.017729 0.672046  54 1 0 1.246596 -5.174988 -0.924266  55 1 0 -1.563272 5.665986 0.736083  56 1 0 -1.792067 5.538493 -1.000039 |
| TM\_NP\_model\_scan\_p\_120\_m\_80 | 1 6 0 -1.378130 0.069157 0.361529  2 6 0 -0.569185 -1.049247 0.173225  3 6 0 0.776347 -0.944410 -0.196034  4 6 0 1.344967 0.338216 -0.378180  5 6 0 0.529091 1.454404 -0.204108  6 6 0 -0.821002 1.348632 0.151798  7 6 0 2.782118 0.553444 -0.730230  8 6 0 3.089472 1.211377 -1.905745  9 6 0 4.424332 1.469873 -2.284296  10 6 0 5.458955 1.077298 -1.474330  11 6 0 5.200692 0.430548 -0.238871  12 6 0 3.846191 0.173563 0.154889  13 6 0 3.620396 -0.419587 1.426984  14 6 0 4.667858 -0.769966 2.244673  15 6 0 6.002148 -0.543598 1.839627  16 6 0 6.258068 0.047577 0.627707  17 6 0 -2.797640 -0.126223 0.798590  18 6 0 -3.819373 -0.465613 -0.145157  19 6 0 -5.157546 -0.672987 0.324191  20 6 0 -5.438031 -0.536700 1.708013  21 6 0 -4.442443 -0.208675 2.592727  22 6 0 -3.122144 -0.003857 2.134152  23 6 0 -3.563922 -0.596578 -1.536961  24 6 0 -4.570645 -0.920685 -2.414262  25 6 0 -5.888039 -1.130852 -1.948338  26 6 0 -6.171651 -1.008338 -0.610589  27 6 0 1.553457 -2.175881 -0.449961  28 7 0 1.103643 -3.329896 -0.169222  29 6 0 1.928669 -4.478820 -0.482096  30 6 0 -1.636072 2.572578 0.291446  31 7 0 -1.143448 3.734770 0.149013  32 6 0 -2.027709 4.873104 0.292544  33 1 0 -0.977486 -2.043639 0.306548  34 1 0 0.937092 2.449416 -0.331698  35 1 0 2.283524 1.515198 -2.564191  36 1 0 4.623304 1.975316 -3.222524  37 1 0 6.488273 1.264843 -1.761390  38 1 0 2.603981 -0.587744 1.758397  39 1 0 4.469227 -1.217774 3.211896  40 1 0 6.819633 -0.828148 2.492451  41 1 0 7.279127 0.239565 0.314569  42 1 0 -6.453762 -0.696772 2.054227  43 1 0 -4.660428 -0.107731 3.649956  44 1 0 -2.344193 0.248417 2.846162  45 1 0 -2.556866 -0.439406 -1.902529  46 1 0 -4.354597 -1.016615 -3.472401  47 1 0 -6.672782 -1.387922 -2.650897  48 1 0 -7.181539 -1.166224 -0.246299  49 1 0 2.539731 -2.039259 -0.910808  50 1 0 2.892520 -4.220456 -0.945676  51 1 0 -2.698819 2.422184 0.520418  52 1 0 -3.069869 4.600335 0.517264  53 1 0 2.116809 -5.045799 0.435146  54 1 0 1.377453 -5.144030 -1.154411  55 1 0 -1.650710 5.522596 1.088998  56 1 0 -2.006367 5.463017 -0.629377 |
| TM\_NP\_model\_scan\_p\_120\_m\_90 | 1 6 0 -1.363705 -0.068163 0.367106  2 6 0 -0.524789 -1.143387 0.085872  3 6 0 0.815143 -0.969802 -0.279440  4 6 0 1.344769 0.339317 -0.360219  5 6 0 0.498714 1.413796 -0.091228  6 6 0 -0.844047 1.239866 0.264097  7 6 0 2.773785 0.625209 -0.695015  8 6 0 3.058042 1.382792 -1.814920  9 6 0 4.383310 1.713767 -2.170176  10 6 0 5.431059 1.294408 -1.391180  11 6 0 5.195503 0.544892 -0.210447  12 6 0 3.850670 0.212683 0.159439  13 6 0 3.645887 -0.486100 1.380354  14 6 0 4.705158 -0.864003 2.170169  15 6 0 6.030762 -0.561282 1.787019  16 6 0 6.265755 0.131606 0.625820  17 6 0 -2.776390 -0.340558 0.787393  18 6 0 -3.831807 -0.418691 -0.176590  19 6 0 -5.162638 -0.704697 0.271725  20 6 0 -5.402182 -0.904472 1.655632  21 6 0 -4.373851 -0.826580 2.559892  22 6 0 -3.060545 -0.544460 2.121787  23 6 0 -3.614404 -0.222615 -1.567051  24 6 0 -4.652264 -0.303369 -2.464115  25 6 0 -5.963709 -0.585898 -2.019970  26 6 0 -6.209588 -0.782042 -0.683457  27 6 0 1.625649 -2.153324 -0.635852  28 7 0 1.206771 -3.339077 -0.457784  29 6 0 2.063661 -4.433175 -0.867081  30 6 0 -1.688526 2.421027 0.534093  31 7 0 -1.241247 3.607112 0.452926  32 6 0 -2.148965 4.699871 0.736247  33 1 0 -0.904806 -2.156358 0.136537  34 1 0 0.878396 2.427074 -0.135169  35 1 0 2.241741 1.711101 -2.448378  36 1 0 4.564441 2.297278 -3.065741  37 1 0 6.453281 1.538633 -1.660415  38 1 0 2.635941 -0.714334 1.695246  39 1 0 4.522485 -1.393525 3.098478  40 1 0 6.857757 -0.868395 2.417260  41 1 0 7.279505 0.382394 0.331073  42 1 0 -6.412698 -1.121491 1.985689  43 1 0 -4.560637 -0.982043 3.616481  44 1 0 -2.257257 -0.487823 2.847849  45 1 0 -2.611435 -0.011037 -1.916403  46 1 0 -4.465327 -0.152022 -3.521334  47 1 0 -6.773284 -0.648540 -2.738416  48 1 0 -7.213983 -1.000927 -0.335984  49 1 0 2.608597 -1.951878 -1.079897  50 1 0 3.023968 -4.108410 -1.294817  51 1 0 -2.730925 2.216046 0.809621  52 1 0 -3.167893 4.375053 0.995373  53 1 0 2.259292 -5.078168 -0.004641  54 1 0 1.535211 -5.046400 -1.604062  55 1 0 -1.745779 5.296469 1.560790  56 1 0 -2.198004 5.361364 -0.134557 |
| TM\_NP\_model\_scan\_p\_120\_m\_100 | 1 6 0 -1.355114 -0.191344 0.363535  2 6 0 -0.485498 -1.218582 0.005708  3 6 0 0.848851 -0.981283 -0.344109  4 6 0 1.341265 0.344315 -0.328779  5 6 0 0.467621 1.371070 0.026118  6 6 0 -0.868565 1.134048 0.368323  7 6 0 2.759785 0.694008 -0.646884  8 6 0 3.015986 1.540677 -1.708242  9 6 0 4.329755 1.931160 -2.045362  10 6 0 5.393618 1.482580 -1.305433  11 6 0 5.185945 0.642999 -0.181351  12 6 0 3.852839 0.249341 0.169981  13 6 0 3.674362 -0.539671 1.338927  14 6 0 4.748227 -0.943235 2.095653  15 6 0 6.062940 -0.579256 1.728592  16 6 0 6.272173 0.199725 0.618119  17 6 0 -2.765433 -0.534617 0.733694  18 6 0 -3.837249 -0.374099 -0.202732  19 6 0 -5.166368 -0.733607 0.194505  20 6 0 -5.388253 -1.245154 1.499046  21 6 0 -4.343742 -1.401005 2.374024  22 6 0 -3.032201 -1.045883 1.987076  23 6 0 -3.636638 0.119673 -1.520019  24 6 0 -4.689504 0.259940 -2.391966  25 6 0 -6.000403 -0.087666 -1.995388  26 6 0 -6.229653 -0.574092 -0.732075  27 6 0 1.690141 -2.111771 -0.790275  28 7 0 1.304697 -3.318714 -0.701432  29 6 0 2.189741 -4.354407 -1.194415  30 6 0 -1.734797 2.266008 0.756072  31 7 0 -1.328342 3.469176 0.732426  32 6 0 -2.250517 4.508973 1.141087  33 1 0 -0.838863 -2.241784 -0.027114  34 1 0 0.821008 2.393940 0.065913  35 1 0 2.186812 1.893122 -2.311234  36 1 0 4.489376 2.583736 -2.896239  37 1 0 6.407261 1.772389 -1.561576  38 1 0 2.672808 -0.816743 1.641216  39 1 0 4.585639 -1.541195 2.985339  40 1 0 6.901749 -0.907895 2.331789  41 1 0 7.277036 0.497837 0.337365  42 1 0 -6.398060 -1.514423 1.790527  43 1 0 -4.516589 -1.796227 3.368678  44 1 0 -2.216733 -1.171285 2.690505  45 1 0 -2.634449 0.381098 -1.835969  46 1 0 -4.514481 0.636382 -3.393577  47 1 0 -6.822225 0.027554 -2.693116  48 1 0 -7.232974 -0.848088 -0.422610  49 1 0 2.665385 -1.850784 -1.220214  50 1 0 3.137930 -3.971343 -1.600386  51 1 0 -2.753822 2.009204 1.072502  52 1 0 -3.242685 4.132800 1.432337  53 1 0 2.408772 -5.055916 -0.383221  54 1 0 1.674551 -4.925999 -1.973070  55 1 0 -1.818814 5.061198 1.981960  56 1 0 -2.369017 5.226133 0.322647 |
| TM\_NP\_model\_scan\_p\_120\_m\_110 | 1 6 0 1.347005 -0.298928 -0.325997  2 6 0 0.448260 -1.280601 0.086354  3 6 0 -0.882477 -0.990655 0.408603  4 6 0 -1.341151 0.343307 0.312895  5 6 0 -0.441112 1.324109 -0.101717  6 6 0 0.889793 1.034423 -0.421901  7 6 0 -2.750581 0.747657 0.605037  8 6 0 -2.984974 1.662631 1.613479  9 6 0 -4.288218 2.106196 1.924559  10 6 0 -5.363036 1.642579 1.210183  11 6 0 -5.176732 0.733531 0.137503  12 6 0 -3.854298 0.284559 -0.186810  13 6 0 -3.695717 -0.575487 -1.307547  14 6 0 -4.779047 -0.992283 -2.043334  15 6 0 -6.083895 -0.572444 -1.701630  16 6 0 -6.273493 0.274152 -0.638081  17 6 0 2.753577 -0.698919 -0.643056  18 6 0 3.846622 -0.335550 0.210552  19 6 0 5.171011 -0.756456 -0.140198  20 6 0 5.368254 -1.535696 -1.308954  21 6 0 4.303528 -1.893699 -2.095752  22 6 0 2.997511 -1.475961 -1.757695  23 6 0 3.673226 0.411530 1.407062  24 6 0 4.746653 0.743625 2.198351  25 6 0 6.053490 0.344200 1.839560  26 6 0 6.256567 -0.391687 0.698655  27 6 0 -1.755066 -2.071929 0.912882  28 7 0 -1.403930 -3.292211 0.887364  29 6 0 -2.317974 -4.276129 1.430881  30 6 0 1.773466 2.117491 -0.901129  31 7 0 1.410056 3.334524 -0.907690  32 6 0 2.341372 4.321405 -1.415180  33 1 0 0.777598 -2.306981 0.190670  34 1 0 -0.770642 2.349893 -0.210604  35 1 0 -2.146927 2.028423 2.195906  36 1 0 -4.431211 2.811608 2.735286  37 1 0 -6.368920 1.973120 1.446864  38 1 0 -2.701622 -0.896619 -1.590260  39 1 0 -4.631509 -1.643941 -2.897219  40 1 0 -6.930453 -0.912055 -2.287682  41 1 0 -7.270282 0.614919 -0.377848  42 1 0 6.374970 -1.848820 -1.565051  43 1 0 4.456463 -2.495700 -2.984326  44 1 0 2.167047 -1.758669 -2.394785  45 1 0 2.675768 0.715303 1.698214  46 1 0 4.590437 1.312700 3.107896  47 1 0 6.891957 0.614228 2.471650  48 1 0 7.255828 -0.711556 0.421831  49 1 0 -2.722542 -1.760901 1.326680  50 1 0 -3.253148 -3.846066 1.819563  51 1 0 2.763213 1.811255 -1.262556  52 1 0 3.299166 3.896277 -1.750598  53 1 0 -2.560292 -5.008484 0.654257  54 1 0 -1.817781 -4.825370 2.234935  55 1 0 1.877856 4.856544 -2.250119  56 1 0 2.536755 5.064886 -0.635875 |
| TM\_NP\_model\_scan\_p\_120\_m\_120 | 1 6 0 1.340986 0.350346 0.309106  2 6 0 0.425373 1.310172 -0.121049  3 6 0 -0.902081 0.996842 -0.432330  4 6 0 -1.342055 -0.341212 -0.312139  5 6 0 -0.426738 -1.301207 0.117640  6 6 0 0.900540 -0.987728 0.429727  7 6 0 -2.746710 -0.769874 -0.591237  8 6 0 -2.972973 -1.705006 -1.582877  9 6 0 -4.271481 -2.171098 -1.880551  10 6 0 -5.349493 -1.709155 -1.169898  11 6 0 -5.171073 -0.778714 -0.114337  12 6 0 -3.853425 -0.306830 0.196557  13 6 0 -3.701930 0.575569 1.300795  14 6 0 -4.787899 0.991796 2.033015  15 6 0 -6.088405 0.548910 1.704160  16 6 0 -6.270859 -0.319496 0.657056  17 6 0 2.746375 0.779354 0.582829  18 6 0 3.854733 0.298200 -0.192327  19 6 0 5.172501 0.773413 0.113478  20 6 0 5.349672 1.726140 1.149106  21 6 0 4.270160 2.207357 1.844482  22 6 0 2.971834 1.737651 1.552620  23 6 0 3.705409 -0.603713 -1.281089  24 6 0 4.793035 -1.036474 -2.001171  25 6 0 6.093591 -0.591757 -1.675167  26 6 0 6.274123 0.296077 -0.644212  27 6 0 -1.790082 2.056604 -0.955251  28 7 0 -1.455329 3.281723 -0.953901  29 6 0 -2.383194 4.242663 -1.514842  30 6 0 1.786152 -2.047009 0.957932  31 7 0 1.453667 -3.272703 0.951322  32 6 0 2.377952 -4.232914 1.519405  33 1 0 0.741378 2.337292 -0.254226  34 1 0 -0.742733 -2.328484 0.249770  35 1 0 -2.132447 -2.069829 -2.162342  36 1 0 -4.408406 -2.892444 -2.678200  37 1 0 -6.351857 -2.056980 -1.396537  38 1 0 -2.711079 0.914644 1.573748  39 1 0 -4.645702 1.660842 2.874273  40 1 0 -6.937153 0.888255 2.287196  41 1 0 -7.264087 -0.677775 0.406944  42 1 0 6.352196 2.075970 1.371918  43 1 0 4.405830 2.946545 2.625837  44 1 0 2.130359 2.117278 2.121084  45 1 0 2.714897 -0.944581 -1.552723  46 1 0 4.651919 -1.719943 -2.830938  47 1 0 6.943723 -0.944549 -2.248105  48 1 0 7.267234 0.656782 -0.397132  49 1 0 -2.753873 1.724511 -1.361158  50 1 0 -3.312712 3.792640 -1.894381  51 1 0 2.745493 -1.713865 1.373367  52 1 0 3.302921 -3.781858 1.908700  53 1 0 -2.634893 4.986143 -0.751892  54 1 0 -1.891235 4.783396 -2.329662  55 1 0 1.879201 -4.776141 2.328417  56 1 0 2.638439 -4.974434 0.757502 |
| TM\_NP\_model\_scan\_p\_120\_m\_130 | 1 6 0 1.337660 0.395192 0.309166  2 6 0 0.406739 1.341913 -0.122128  3 6 0 -0.917993 1.014506 -0.427406  4 6 0 -1.341424 -0.329130 -0.312065  5 6 0 -0.413816 -1.277091 0.117574  6 6 0 0.909292 -0.948034 0.430686  7 6 0 -2.739854 -0.775709 -0.593285  8 6 0 -2.952394 -1.710770 -1.588077  9 6 0 -4.244088 -2.193809 -1.888251  10 6 0 -5.328880 -1.749353 -1.176713  11 6 0 -5.164084 -0.820062 -0.117945  12 6 0 -3.853381 -0.330675 0.195243  13 6 0 -3.714788 0.549978 1.302525  14 6 0 -4.806846 0.948328 2.035638  15 6 0 -6.100820 0.488196 1.704678  16 6 0 -6.270574 -0.379098 0.654532  17 6 0 2.745548 0.841143 0.533547  18 6 0 3.860655 0.269580 -0.172261  19 6 0 5.176691 0.781073 0.082035  20 6 0 5.347004 1.866397 0.978227  21 6 0 4.260882 2.444617 1.583376  22 6 0 2.966693 1.936457 1.349476  23 6 0 3.724182 -0.747906 -1.156428  24 6 0 4.819113 -1.265732 -1.805719  25 6 0 6.118013 -0.794573 -1.513273  26 6 0 6.286945 0.211088 -0.595311  27 6 0 -1.819377 2.065569 -0.945277  28 7 0 -1.501162 3.295018 -0.935206  29 6 0 -2.441116 4.247314 -1.490797  30 6 0 1.790389 -1.993962 0.993795  31 7 0 1.485000 -3.226104 0.961660  32 6 0 2.396474 -4.170636 1.575083  33 1 0 0.710606 2.370780 -0.267825  34 1 0 -0.717731 -2.307571 0.252801  35 1 0 -2.106471 -2.061954 -2.168133  36 1 0 -4.370456 -2.914199 -2.688499  37 1 0 -6.326155 -2.110338 -1.405203  38 1 0 -2.728874 0.901890 1.577131  39 1 0 -4.674477 1.616311 2.879335  40 1 0 -6.954515 0.813417 2.288541  41 1 0 -7.258547 -0.750472 0.402709  42 1 0 6.348406 2.241553 1.161148  43 1 0 4.388740 3.288979 2.251162  44 1 0 2.123070 2.390834 1.856439  45 1 0 2.737479 -1.111472 -1.409299  46 1 0 4.683731 -2.037012 -2.555620  47 1 0 6.974436 -1.216764 -2.026765  48 1 0 7.277338 0.599091 -0.380868  49 1 0 -2.778198 1.723171 -1.354384  50 1 0 -3.364476 3.787638 -1.873808  51 1 0 2.718179 -1.643300 1.463105  52 1 0 3.288346 -3.703000 2.018294  53 1 0 -2.703039 4.982657 -0.723400  54 1 0 -1.955773 4.799461 -2.301916  55 1 0 1.865166 -4.730211 2.351578  56 1 0 2.715270 -4.900765 0.824428 |
| TM\_NP\_model\_scan\_p\_120\_m\_140 | 1 6 0 1.336366 0.420965 0.329415  2 6 0 0.393901 1.363378 -0.092319  3 6 0 -0.927574 1.031165 -0.402424  4 6 0 -1.339904 -0.317836 -0.314232  5 6 0 -0.403681 -1.263511 0.100224  6 6 0 0.915669 -0.928393 0.422698  7 6 0 -2.733446 -0.771402 -0.606618  8 6 0 -2.936452 -1.688869 -1.619632  9 6 0 -4.223749 -2.176091 -1.931763  10 6 0 -5.313574 -1.753406 -1.214601  11 6 0 -5.158447 -0.842677 -0.138401  12 6 0 -3.852233 -0.349500 0.187201  13 6 0 -3.722876 0.511692 1.310730  14 6 0 -4.819759 0.889104 2.047725  15 6 0 -6.109462 0.425740 1.704880  16 6 0 -6.270132 -0.423857 0.638957  17 6 0 2.748196 0.875585 0.508682  18 6 0 3.866513 0.244984 -0.145817  19 6 0 5.181694 0.783141 0.058955  20 6 0 5.349313 1.958985 0.831953  21 6 0 4.259070 2.604240 1.356241  22 6 0 2.968527 2.068762 1.177573  23 6 0 3.738483 -0.846150 -1.049487  24 6 0 4.836719 -1.415471 -1.648189  25 6 0 6.134877 -0.926713 -1.384527  26 6 0 6.296739 0.154931 -0.556771  27 6 0 -1.835960 2.084274 -0.904225  28 7 0 -1.528433 3.315958 -0.869576  29 6 0 -2.473852 4.270550 -1.412019  30 6 0 1.784972 -1.973196 1.008510  31 7 0 1.494131 -3.207762 0.951439  32 6 0 2.386031 -4.148950 1.598031  33 1 0 0.687542 2.395332 -0.234274  34 1 0 -0.698375 -2.298449 0.220792  35 1 0 -2.086592 -2.022346 -2.204370  36 1 0 -4.342788 -2.882156 -2.745781  37 1 0 -6.307516 -2.117639 -1.452254  38 1 0 -2.740227 0.865493 1.594452  39 1 0 -4.694452 1.542838 2.903565  40 1 0 -6.967067 0.734323 2.292039  41 1 0 -7.254741 -0.797706 0.377794  42 1 0 6.350176 2.351255 0.977869  43 1 0 4.381078 3.522191 1.919832  44 1 0 2.125503 2.576987 1.631218  45 1 0 2.755091 -1.225405 -1.288489  46 1 0 4.702988 -2.240987 -2.338219  47 1 0 6.994380 -1.391883 -1.853790  48 1 0 7.284930 0.563490 -0.372587  49 1 0 -2.790124 1.741436 -1.323700  50 1 0 -3.392343 3.810463 -1.805969  51 1 0 2.686923 -1.617759 1.522743  52 1 0 3.251492 -3.676603 2.086243  53 1 0 -2.743845 4.990700 -0.633134  54 1 0 -1.990044 4.840004 -2.212013  55 1 0 1.825298 -4.721112 2.344039  56 1 0 2.746996 -4.868661 0.856445 |
| TM\_NP\_model\_scan\_p\_120\_p\_20 | 1 6 0 -1.452768 0.482242 -0.085310  2 6 0 -0.719873 -0.647886 -0.478173  3 6 0 0.668343 -0.656662 -0.632837  4 6 0 1.392447 0.539971 -0.443355  5 6 0 0.675292 1.681911 -0.092641  6 6 0 -0.711628 1.684764 0.083061  7 6 0 2.876834 0.635776 -0.575371  8 6 0 3.406081 1.493872 -1.520454  9 6 0 4.799363 1.646978 -1.684642  10 6 0 5.668587 0.946711 -0.887848  11 6 0 5.180377 0.081218 0.124242  12 6 0 3.765904 -0.073221 0.300201  13 6 0 3.309769 -0.898893 1.363658  14 6 0 4.195250 -1.558175 2.182230  15 6 0 5.588174 -1.427648 1.986477  16 6 0 6.065483 -0.622270 0.982774  17 6 0 -2.936354 0.453044 -0.255736  18 6 0 -3.738374 -0.681960 0.147840  19 6 0 -5.154650 -0.650657 -0.086558  20 6 0 -5.758079 0.520528 -0.609387  21 6 0 -4.998911 1.631644 -0.863743  22 6 0 -3.604042 1.597223 -0.666999  23 6 0 -3.221817 -1.817774 0.831470  24 6 0 -4.024201 -2.879375 1.177737  25 6 0 -5.399968 -2.874669 0.866212  26 6 0 -5.949885 -1.774966 0.258421  27 6 0 1.331122 -1.893666 -1.098161  28 7 0 0.730096 -3.011890 -1.128705  29 6 0 1.453467 -4.162075 -1.632041  30 6 0 -1.314347 2.917295 0.643120  31 7 0 -0.773902 4.059321 0.512644  32 6 0 -1.397661 5.187639 1.174909  33 1 0 -1.232062 -1.560656 -0.746317  34 1 0 1.199332 2.611161 0.091653  35 1 0 2.731510 2.043047 -2.167548  36 1 0 5.174775 2.317619 -2.449218  37 1 0 6.741117 1.052715 -1.012502  38 1 0 2.245930 -0.998509 1.536000  39 1 0 3.822776 -2.178544 2.989665  40 1 0 6.275979 -1.956105 2.636927  41 1 0 7.133840 -0.503408 0.834779  42 1 0 -6.829186 0.526776 -0.781191  43 1 0 -5.458183 2.539413 -1.238224  44 1 0 -3.031657 2.464666 -0.967099  45 1 0 -2.179181 -1.844300 1.111726  46 1 0 -3.594212 -3.724266 1.703721  47 1 0 -6.019462 -3.724463 1.129594  48 1 0 -7.013637 -1.736700 0.047885  49 1 0 2.372038 -1.790132 -1.429670  50 1 0 2.484630 -3.936463 -1.942440  51 1 0 -2.236345 2.781513 1.223981  52 1 0 -2.313130 4.927609 1.727959  53 1 0 1.476810 -4.937556 -0.859899  54 1 0 0.909872 -4.583270 -2.483698  55 1 0 -0.681324 5.637353 1.869878  56 1 0 -1.637209 5.954954 0.431913 |
| TM\_NP\_model\_scan\_p\_120\_p\_30 | 1 6 0 -1.449663 0.462319 -0.169053  2 6 0 -0.705732 -0.654238 -0.571741  3 6 0 0.685209 -0.643195 -0.699916  4 6 0 1.392731 0.554166 -0.452026  5 6 0 0.660275 1.678373 -0.076659  6 6 0 -0.731086 1.663708 0.066245  7 6 0 2.879367 0.665706 -0.546507  8 6 0 3.423029 1.559757 -1.449019  9 6 0 4.818365 1.729715 -1.574959  10 6 0 5.674912 1.009869 -0.781994  11 6 0 5.170887 0.106960 0.188848  12 6 0 3.754095 -0.064717 0.326028  13 6 0 3.280647 -0.928565 1.350910  14 6 0 4.152466 -1.606849 2.168605  15 6 0 5.548375 -1.458686 2.010230  16 6 0 6.041817 -0.617210 1.044655  17 6 0 -2.933845 0.421262 -0.316246  18 6 0 -3.724795 -0.685652 0.165139  19 6 0 -5.143696 -0.670836 -0.050277  20 6 0 -5.751174 0.454427 -0.662194  21 6 0 -4.993849 1.536570 -1.027093  22 6 0 -3.597147 1.520173 -0.838906  23 6 0 -3.186455 -1.778277 0.899407  24 6 0 -3.979628 -2.814871 1.330996  25 6 0 -5.364281 -2.823722 1.058324  26 6 0 -5.930146 -1.767485 0.390478  27 6 0 1.371942 -1.856946 -1.191025  28 7 0 0.780146 -2.976381 -1.286771  29 6 0 1.527638 -4.101643 -1.810376  30 6 0 -1.375247 2.873626 0.626284  31 7 0 -0.826847 4.018494 0.578490  32 6 0 -1.502848 5.124469 1.226781  33 1 0 -1.209688 -1.566757 -0.859655  34 1 0 1.173110 2.604267 0.151212  35 1 0 2.758971 2.125045 -2.093098  36 1 0 5.205590 2.429130 -2.307184  37 1 0 6.749081 1.128795 -0.877550  38 1 0 2.213942 -1.042297 1.494334  39 1 0 3.766704 -2.256181 2.946496  40 1 0 6.225489 -2.002405 2.659316  41 1 0 7.112246 -0.484852 0.925937  42 1 0 -6.824430 0.449004 -0.820287  43 1 0 -5.457842 2.405918 -1.478984  44 1 0 -3.020632 2.360950 -1.203400  45 1 0 -2.133671 -1.788474 1.142780  46 1 0 -3.536994 -3.629746 1.892670  47 1 0 -5.977225 -3.652792 1.393407  48 1 0 -6.998260 -1.745144 0.200728  49 1 0 2.422449 -1.734123 -1.483113  50 1 0 2.567957 -3.859416 -2.074214  51 1 0 -2.340743 2.720137 1.125560  52 1 0 -2.461004 4.847640 1.692420  53 1 0 1.527767 -4.908217 -1.070403  54 1 0 1.017103 -4.489732 -2.697513  55 1 0 -0.846234 5.546588 1.994329  56 1 0 -1.679765 5.918636 0.494550 |
| TM\_NP\_model\_scan\_p\_120\_p\_40 | 1 6 0 -1.447685 0.446146 -0.252959  2 6 0 -0.691285 -0.655532 -0.665939  3 6 0 0.701937 -0.625978 -0.766064  4 6 0 1.391766 0.569315 -0.459657  5 6 0 0.642847 1.674739 -0.061758  6 6 0 -0.751981 1.643609 0.046904  7 6 0 2.879587 0.696003 -0.515900  8 6 0 3.435994 1.625390 -1.373740  9 6 0 4.832244 1.811904 -1.460293  10 6 0 5.676715 1.072207 -0.672725  11 6 0 5.158566 0.131433 0.253705  12 6 0 3.740582 -0.056792 0.351362  13 6 0 3.251501 -0.959956 1.334128  14 6 0 4.110131 -1.659229 2.148059  15 6 0 5.507932 -1.494046 2.027804  16 6 0 6.015886 -0.615135 1.104022  17 6 0 -2.932921 0.387886 -0.378224  18 6 0 -3.707922 -0.686169 0.185712  19 6 0 -5.128439 -0.696474 -0.015254  20 6 0 -5.745637 0.367866 -0.719906  21 6 0 -4.996589 1.414111 -1.192881  22 6 0 -3.598561 1.424174 -1.010889  23 6 0 -3.145745 -1.723294 0.979542  24 6 0 -3.924795 -2.730175 1.497688  25 6 0 -5.315537 -2.760274 1.256228  26 6 0 -5.900543 -1.759790 0.521787  27 6 0 1.412527 -1.815892 -1.280933  28 7 0 0.831155 -2.933299 -1.442170  29 6 0 1.603043 -4.033178 -1.983841  30 6 0 -1.435161 2.832669 0.602769  31 7 0 -0.882351 3.975899 0.640141  32 6 0 -1.607750 5.062656 1.266770  33 1 0 -1.185422 -1.567315 -0.975247  34 1 0 1.142991 2.596179 0.208624  35 1 0 2.782030 2.206935 -2.013650  36 1 0 5.229903 2.539979 -2.158191  37 1 0 6.751651 1.203832 -0.738333  38 1 0 2.182801 -1.087469 1.448044  39 1 0 3.712250 -2.338716 2.893407  40 1 0 6.174808 -2.054503 2.673237  41 1 0 7.087540 -0.469846 1.015129  42 1 0 -6.820168 0.344213 -0.867532  43 1 0 -5.469399 2.233767 -1.721951  44 1 0 -3.023478 2.236288 -1.439214  45 1 0 -2.085626 -1.712359 1.191768  46 1 0 -3.467740 -3.505363 2.102380  47 1 0 -5.917685 -3.564634 1.663415  48 1 0 -6.971704 -1.759019 0.348635  49 1 0 2.471520 -1.676440 -1.531692  50 1 0 2.651871 -3.777486 -2.196247  51 1 0 -2.438857 2.666722 1.014236  52 1 0 -2.600913 4.774578 1.643651  53 1 0 1.577493 -4.870986 -1.279902  54 1 0 1.128910 -4.383729 -2.906144  55 1 0 -1.015109 5.457543 2.098208  56 1 0 -1.723553 5.880472 0.548462 |
| TM\_NP\_model\_scan\_p\_120\_p\_50 | 1 6 0 -1.447085 0.432449 -0.338373  2 6 0 -0.676486 -0.652918 -0.762238  3 6 0 0.718439 -0.606080 -0.832954  4 6 0 1.389281 0.584760 -0.469079  5 6 0 0.622718 1.670687 -0.051897  6 6 0 -0.774476 1.624045 0.021657  7 6 0 2.877188 0.725661 -0.485663  8 6 0 3.445408 1.688501 -1.297559  9 6 0 4.841428 1.890830 -1.342689  10 6 0 5.673696 1.132182 -0.560188  11 6 0 5.142380 0.154759 0.319624  12 6 0 3.724296 -0.049116 0.375930  13 6 0 3.220507 -0.991064 1.313775  14 6 0 4.065854 -1.711956 2.122682  15 6 0 5.464515 -1.530574 2.042396  16 6 0 5.986043 -0.614440 1.163475  17 6 0 -2.933506 0.351097 -0.445210  18 6 0 -3.687861 -0.681470 0.209412  19 6 0 -5.108995 -0.727537 0.020867  20 6 0 -5.741439 0.257394 -0.779675  21 6 0 -5.006654 1.258361 -1.361619  22 6 0 -3.607899 1.304391 -1.187001  23 6 0 -3.099254 -1.646015 1.072174  24 6 0 -3.858794 -2.616149 1.680860  25 6 0 -5.253206 -2.677803 1.465082  26 6 0 -5.860869 -1.749702 0.657221  27 6 0 1.452984 -1.771871 -1.368831  28 7 0 0.884906 -2.886040 -1.589289  29 6 0 1.681551 -3.960248 -2.146346  30 6 0 -1.493933 2.794345 0.569218  31 7 0 -0.940158 3.930977 0.693844  32 6 0 -1.710315 5.002584 1.291871  33 1 0 -1.158887 -1.563506 -1.094499  34 1 0 1.108589 2.587085 0.258789  35 1 0 2.801692 2.285703 -1.933422  36 1 0 5.248769 2.646236 -2.005057  37 1 0 6.748532 1.275941 -0.594348  38 1 0 2.150633 -1.131796 1.396772  39 1 0 3.656572 -2.421473 2.833040  40 1 0 6.121075 -2.108258 2.683196  41 1 0 7.058117 -0.456946 1.105767  42 1 0 -6.816486 0.208386 -0.917238  43 1 0 -5.492173 2.013955 -1.968812  44 1 0 -3.040551 2.082202 -1.684944  45 1 0 -2.034242 -1.607374 1.257809  46 1 0 -3.384628 -3.338034 2.336255  47 1 0 -5.840215 -3.451841 1.946445  48 1 0 -6.933791 -1.778107 0.497767  49 1 0 2.518126 -1.617014 -1.581489  50 1 0 2.735386 -3.691279 -2.312614  51 1 0 -2.529540 2.622103 0.887857  52 1 0 -2.733301 4.710877 1.574062  53 1 0 1.637155 -4.825044 -1.476833  54 1 0 1.241245 -4.276811 -3.097292  55 1 0 -1.187823 5.366283 2.182451  56 1 0 -1.760599 5.843540 0.592912 |
| TM\_NP\_model\_scan\_p\_120\_p\_60 | 1 6 0 -1.446761 0.414963 -0.438963  2 6 0 -0.657080 -0.651616 -0.870857  3 6 0 0.738633 -0.585439 -0.909451  4 6 0 1.385827 0.601293 -0.491448  5 6 0 0.597513 1.667427 -0.064374  6 6 0 -0.801011 1.603450 -0.029479  7 6 0 2.872423 0.755607 -0.460411  8 6 0 3.456423 1.745996 -1.226535  9 6 0 4.851272 1.961448 -1.222101  10 6 0 5.666157 1.187358 -0.436408  11 6 0 5.117266 0.179505 0.397017  12 6 0 3.700044 -0.037465 0.403536  13 6 0 3.176685 -1.012015 1.296155  14 6 0 4.003500 -1.751339 2.107518  15 6 0 5.402262 -1.556343 2.075683  16 6 0 5.941853 -0.608685 1.242286  17 6 0 -2.933580 0.299100 -0.532544  18 6 0 -3.659913 -0.671564 0.234198  19 6 0 -5.080717 -0.766807 0.066414  20 6 0 -5.736857 0.106308 -0.838034  21 6 0 -5.024949 1.043632 -1.542389  22 6 0 -3.625921 1.139238 -1.383884  23 6 0 -3.038438 -1.530220 1.181213  24 6 0 -3.770432 -2.444123 1.900369  25 6 0 -5.166931 -2.550710 1.715504  26 6 0 -5.804013 -1.727327 0.821150  27 6 0 1.500651 -1.726105 -1.460715  28 7 0 0.950725 -2.837359 -1.735429  29 6 0 1.775003 -3.884773 -2.303102  30 6 0 -1.557638 2.755126 0.505273  31 7 0 -1.008222 3.877514 0.734621  32 6 0 -1.824192 4.933290 1.298730  33 1 0 -1.123178 -1.562594 -1.225601  34 1 0 1.064832 2.580346 0.283023  35 1 0 2.827163 2.356178 -1.864546  36 1 0 5.271765 2.739348 -1.849285  37 1 0 6.740116 1.341261 -0.432893  38 1 0 2.106124 -1.163761 1.341929  39 1 0 3.579220 -2.486256 2.782354  40 1 0 6.044284 -2.148757 2.717766  41 1 0 7.013746 -0.440976 1.222174  42 1 0 -6.811658 0.022133 -0.959667  43 1 0 -5.529303 1.711309 -2.231746  44 1 0 -3.075819 1.869960 -1.966185  45 1 0 -1.970360 -1.455180 1.337945  46 1 0 -3.273749 -3.087162 2.618215  47 1 0 -5.732174 -3.278853 2.286271  48 1 0 -6.877850 -1.794796 0.680617  49 1 0 2.570116 -1.554830 -1.635961  50 1 0 2.830505 -3.600328 -2.428123  51 1 0 -2.621170 2.583190 0.712080  52 1 0 -2.874277 4.645599 1.459185  53 1 0 1.719434 -4.771848 -1.664278  54 1 0 1.366960 -4.173568 -3.277025  55 1 0 -1.393291 5.247452 2.254819  56 1 0 -1.791428 5.805789 0.638489 |
| TM\_NP\_model\_scan\_p\_120\_p\_70 | 1 6 0 -1.443527 0.376199 -0.525295  2 6 0 -0.633909 -0.674526 -0.954792  3 6 0 0.761933 -0.589203 -0.962527  4 6 0 1.383892 0.599450 -0.512614  5 6 0 0.573296 1.648579 -0.084670  6 6 0 -0.824574 1.564586 -0.080148  7 6 0 2.867507 0.773202 -0.447828  8 6 0 3.453363 1.783383 -1.186175  9 6 0 4.844367 2.019365 -1.147524  10 6 0 5.653115 1.246613 -0.354257  11 6 0 5.101007 0.219177 0.452705  12 6 0 3.687505 -0.019310 0.423778  13 6 0 3.159175 -1.013911 1.290936  14 6 0 3.978602 -1.751441 2.111355  15 6 0 5.374508 -1.534605 2.114528  16 6 0 5.918215 -0.567680 1.306324  17 6 0 -2.929988 0.230088 -0.615159  18 6 0 -3.644972 -0.648532 0.262193  19 6 0 -5.062991 -0.786150 0.102606  20 6 0 -5.724984 -0.047436 -0.911034  21 6 0 -5.020802 0.796527 -1.731685  22 6 0 -3.623640 0.932806 -1.580438  23 6 0 -3.011145 -1.379942 1.303032  24 6 0 -3.731475 -2.211369 2.126380  25 6 0 -5.126772 -2.356170 1.957147  26 6 0 -5.774264 -1.656691 0.969317  27 6 0 1.551210 -1.712900 -1.510128  28 7 0 1.022153 -2.827478 -1.811227  29 6 0 1.873332 -3.858030 -2.369885  30 6 0 -1.616113 2.701386 0.433970  31 7 0 -1.085122 3.816774 0.730501  32 6 0 -1.940991 4.861681 1.254117  33 1 0 -1.081962 -1.588698 -1.324513  34 1 0 1.021055 2.562840 0.284425  35 1 0 2.829333 2.393510 -1.829361  36 1 0 5.266864 2.812196 -1.754341  37 1 0 6.724245 1.416492 -0.324261  38 1 0 2.090374 -1.182757 1.309776  39 1 0 3.550478 -2.501804 2.766469  40 1 0 6.010782 -2.125667 2.763537  41 1 0 6.987547 -0.383366 1.313156  42 1 0 -6.797993 -0.160871 -1.024702  43 1 0 -5.529860 1.359044 -2.506193  44 1 0 -3.078574 1.591601 -2.247353  45 1 0 -1.943034 -1.274706 1.443648  46 1 0 -3.227049 -2.760217 2.913699  47 1 0 -5.682858 -3.017589 2.611963  48 1 0 -6.846568 -1.757596 0.837255  49 1 0 2.622373 -1.526549 -1.657507  50 1 0 2.927519 -3.558406 -2.467682  51 1 0 -2.692148 2.525904 0.557296  52 1 0 -2.999305 4.570616 1.333910  53 1 0 1.815045 -4.751993 -1.740957  54 1 0 1.491750 -4.142710 -3.355669  55 1 0 -1.579747 5.159011 2.243798  56 1 0 -1.862769 5.745754 0.613323 |
| TM\_NP\_model\_scan\_p\_120\_p\_80 | 1 6 0 -1.434185 0.285823 -0.611175  2 6 0 -0.593828 -0.751878 -1.008358  3 6 0 0.800103 -0.633143 -0.990457  4 6 0 1.384704 0.575021 -0.542987  5 6 0 0.541554 1.612695 -0.150406  6 6 0 -0.853575 1.496470 -0.176755  7 6 0 2.862320 0.782837 -0.447390  8 6 0 3.442883 1.795912 -1.185886  9 6 0 4.827102 2.063262 -1.118544  10 6 0 5.633945 1.319015 -0.296609  11 6 0 5.086088 0.289629 0.510753  12 6 0 3.679194 0.019423 0.452781  13 6 0 3.153238 -0.976649 1.319747  14 6 0 3.969825 -1.686435 2.167034  15 6 0 5.360149 -1.438411 2.199252  16 6 0 5.900683 -0.468783 1.392176  17 6 0 -2.917063 0.096730 -0.709947  18 6 0 -3.639385 -0.612902 0.302307  19 6 0 -5.052324 -0.797008 0.147605  20 6 0 -5.700654 -0.271752 -0.999540  21 6 0 -4.988051 0.410623 -1.952504  22 6 0 -3.595414 0.594458 -1.803585  23 6 0 -3.014123 -1.134074 1.467139  24 6 0 -3.740606 -1.805248 2.421017  25 6 0 -5.132211 -1.992697 2.262299  26 6 0 -5.769857 -1.498767 1.151282  27 6 0 1.626391 -1.743658 -1.509366  28 7 0 1.128689 -2.870853 -1.817121  29 6 0 2.015628 -3.886214 -2.347284  30 6 0 -1.687928 2.626189 0.281099  31 7 0 -1.189147 3.746293 0.613183  32 6 0 -2.089672 4.786372 1.066813  33 1 0 -1.014051 -1.683054 -1.368185  34 1 0 0.960154 2.543852 0.210711  35 1 0 2.820730 2.383772 -1.851243  36 1 0 5.246096 2.857463 -1.725997  37 1 0 6.700077 1.513179 -0.244211  38 1 0 2.088380 -1.169718 1.316194  39 1 0 3.543496 -2.439001 2.820785  40 1 0 5.994333 -2.007834 2.869300  41 1 0 6.965249 -0.260539 1.420997  42 1 0 -6.770068 -0.418504 -1.109129  43 1 0 -5.487180 0.810143 -2.828107  44 1 0 -3.043809 1.129234 -2.568805  45 1 0 -1.948067 -0.995460 1.596291  46 1 0 -3.244339 -2.194739 3.302813  47 1 0 -5.693336 -2.526145 3.021297  48 1 0 -6.838684 -1.636726 1.024614  49 1 0 2.696824 -1.535778 -1.630869  50 1 0 3.065027 -3.563965 -2.421926  51 1 0 -2.768823 2.441668 0.325620  52 1 0 -3.148460 4.486475 1.070595  53 1 0 1.961805 -4.776775 -1.713147  54 1 0 1.664433 -4.186235 -3.339799  55 1 0 -1.804144 5.091913 2.078477  56 1 0 -1.972031 5.667658 0.428223 |
| TM\_NP\_model\_scan\_p\_120\_p\_90 | 1 6 0 -1.424965 0.169602 -0.696625  2 6 0 -0.555565 -0.865170 -1.032185  3 6 0 0.835187 -0.712754 -0.997929  4 6 0 1.384391 0.528466 -0.599754  5 6 0 0.511510 1.565634 -0.275906  6 6 0 -0.879628 1.415381 -0.319156  7 6 0 2.854995 0.772240 -0.483152  8 6 0 3.432470 1.758850 -1.258819  9 6 0 4.809195 2.058092 -1.174129  10 6 0 5.610634 1.374196 -0.296371  11 6 0 5.063976 0.377148 0.551411  12 6 0 3.664740 0.073944 0.474682  13 6 0 3.137586 -0.885903 1.381063  14 6 0 3.947065 -1.531117 2.284949  15 6 0 5.330753 -1.251475 2.337044  16 6 0 5.871616 -0.315463 1.491403  17 6 0 -2.902511 -0.067855 -0.777422  18 6 0 -3.628959 -0.559071 0.354233  19 6 0 -5.037463 -0.791270 0.228843  20 6 0 -5.676860 -0.531102 -1.010478  21 6 0 -4.958834 -0.062945 -2.081288  22 6 0 -3.569939 0.167985 -1.961274  23 6 0 -3.009010 -0.824550 1.604954  24 6 0 -3.737835 -1.294252 2.670994  25 6 0 -5.126346 -1.524420 2.544549  26 6 0 -5.758094 -1.277830 1.350689  27 6 0 1.695990 -1.827969 -1.445060  28 7 0 1.230110 -2.980277 -1.706336  29 6 0 2.151290 -4.000024 -2.164822  30 6 0 -1.749847 2.552037 0.044255  31 7 0 -1.282222 3.688772 0.364751  32 6 0 -2.218375 4.738490 0.711326  33 1 0 -0.948623 -1.824205 -1.346600  34 1 0 0.902839 2.524524 0.040557  35 1 0 2.814548 2.298990 -1.967202  36 1 0 5.226865 2.828757 -1.812035  37 1 0 6.671161 1.593142 -0.229729  38 1 0 2.077479 -1.102918 1.362093  39 1 0 3.519966 -2.256750 2.968011  40 1 0 5.959334 -1.770017 3.052158  41 1 0 6.930636 -0.082832 1.534514  42 1 0 -6.743420 -0.710572 -1.096671  43 1 0 -5.450999 0.132346 -3.027375  44 1 0 -3.014898 0.536775 -2.816625  45 1 0 -1.944906 -0.653345 1.709775  46 1 0 -3.245669 -1.491703 3.616694  47 1 0 -5.689477 -1.896791 3.392918  48 1 0 -6.823906 -1.453113 1.246803  49 1 0 2.763931 -1.601535 -1.554975  50 1 0 3.194036 -3.656237 -2.236519  51 1 0 -2.830033 2.359058 0.023259  52 1 0 -3.272916 4.429160 0.655455  53 1 0 2.105924 -4.856432 -1.484631  54 1 0 1.827551 -4.361230 -3.146206  55 1 0 -2.004803 5.088988 1.726122  56 1 0 -2.062838 5.593101 0.045149 |
| TM\_NP\_model\_scan\_p\_120\_p\_100 | 1 6 0 -1.412002 -0.004408 -0.711350  2 6 0 -0.515118 -1.048533 -0.922733  3 6 0 0.871574 -0.860107 -0.896077  4 6 0 1.387954 0.430739 -0.637069  5 6 0 0.487741 1.475604 -0.434167  6 6 0 -0.898660 1.288685 -0.471169  7 6 0 2.851282 0.725321 -0.551228  8 6 0 3.399270 1.637292 -1.432860  9 6 0 4.767455 1.980807 -1.390016  10 6 0 5.590154 1.418554 -0.447916  11 6 0 5.073104 0.506714 0.507469  12 6 0 3.682467 0.159366 0.472766  13 6 0 3.184222 -0.708310 1.482605  14 6 0 4.013861 -1.227298 2.447480  15 6 0 5.389609 -0.906660 2.460171  16 6 0 5.902352 -0.055720 1.513181  17 6 0 -2.881480 -0.287423 -0.780038  18 6 0 -3.658414 -0.467904 0.409465  19 6 0 -5.057764 -0.752590 0.288634  20 6 0 -5.638024 -0.854866 -1.001871  21 6 0 -4.871012 -0.688448 -2.126579  22 6 0 -3.491478 -0.406092 -2.011779  23 6 0 -3.096502 -0.385151 1.711995  24 6 0 -3.873155 -0.564859 2.831429  25 6 0 -5.254040 -0.838812 2.709946  26 6 0 -5.829122 -0.931252 1.466634  27 6 0 1.761223 -1.998224 -1.208917  28 7 0 1.326637 -3.186410 -1.320546  29 6 0 2.274068 -4.229617 -1.656870  30 6 0 -1.797285 2.443401 -0.268718  31 7 0 -1.357150 3.612226 -0.037329  32 6 0 -2.319009 4.680335 0.142616  33 1 0 -0.883005 -2.046471 -1.127050  34 1 0 0.853700 2.473981 -0.228914  35 1 0 2.764637 2.080270 -2.192072  36 1 0 5.161691 2.687981 -2.111015  37 1 0 6.644615 1.671380 -0.412353  38 1 0 2.130485 -0.954884 1.494385  39 1 0 3.608916 -1.883643 3.209582  40 1 0 6.033950 -1.325899 3.224696  41 1 0 6.954639 0.208897 1.524143  42 1 0 -6.698179 -1.070848 -1.083080  43 1 0 -5.317234 -0.771332 -3.111188  44 1 0 -2.898202 -0.274111 -2.909662  45 1 0 -2.037737 -0.182785 1.815810  46 1 0 -3.424037 -0.499598 3.816113  47 1 0 -5.855414 -0.978962 3.601107  48 1 0 -6.887936 -1.146286 1.365902  49 1 0 2.821796 -1.758286 -1.355695  50 1 0 3.305876 -3.868272 -1.781446  51 1 0 -2.873032 2.236062 -0.333032  52 1 0 -3.366263 4.353737 0.056821  53 1 0 2.258023 -4.994693 -0.874224  54 1 0 1.954688 -4.720286 -2.581870  55 1 0 -2.168969 5.136558 1.126291  56 1 0 -2.129039 5.463500 -0.598342 |
| TM\_NP\_model\_scan\_p\_120\_p\_110 | 1 6 0 -1.400415 -0.170128 -0.707773  2 6 0 -0.474345 -1.207263 -0.796328  3 6 0 0.906819 -0.981520 -0.791476  4 6 0 1.389550 0.342471 -0.675599  5 6 0 0.461492 1.380474 -0.605855  6 6 0 -0.919460 1.155923 -0.629638  7 6 0 2.844526 0.681029 -0.614108  8 6 0 3.380446 1.501726 -1.587962  9 6 0 4.740218 1.879425 -1.574065  10 6 0 5.567396 1.441363 -0.571822  11 6 0 5.063192 0.625154 0.472651  12 6 0 3.680428 0.246404 0.468842  13 6 0 3.194296 -0.521159 1.562245  14 6 0 4.028653 -0.919475 2.578976  15 6 0 5.397353 -0.570140 2.563394  16 6 0 5.897678 0.188889 1.535185  17 6 0 -2.858786 -0.505332 -0.722342  18 6 0 -3.667961 -0.377870 0.453984  19 6 0 -5.056146 -0.727259 0.382786  20 6 0 -5.593188 -1.203663 -0.840732  21 6 0 -4.794413 -1.337089 -1.947468  22 6 0 -3.427265 -0.988917 -1.883670  23 6 0 -3.149180 0.066420 1.700328  24 6 0 -3.957426 0.178187 2.806138  25 6 0 -5.329130 -0.151229 2.728651  26 6 0 -5.861671 -0.596289 1.544184  27 6 0 1.825797 -2.125122 -0.971508  28 7 0 1.419058 -3.328305 -0.963108  29 6 0 2.393450 -4.378709 -1.177436  30 6 0 -1.843744 2.308508 -0.603875  31 7 0 -1.433150 3.502968 -0.469368  32 6 0 -2.416382 4.566808 -0.473098  33 1 0 -0.814405 -2.232361 -0.876747  34 1 0 0.800477 2.405780 -0.524123  35 1 0 2.743366 1.843855 -2.395677  36 1 0 5.124828 2.512880 -2.365361  37 1 0 6.615628 1.720777 -0.557516  38 1 0 2.145946 -0.787784 1.595434  39 1 0 3.632706 -1.501903 3.403303  40 1 0 6.045914 -0.894136 3.369510  41 1 0 6.944204 0.475424 1.522529  42 1 0 -6.645267 -1.465274 -0.883436  43 1 0 -5.206595 -1.706665 -2.879635  44 1 0 -2.810287 -1.091067 -2.769305  45 1 0 -2.097880 0.314049 1.774721  46 1 0 -3.539587 0.517517 3.747314  47 1 0 -5.956167 -0.057290 3.608116  48 1 0 -6.912224 -0.860002 1.478767  49 1 0 2.882738 -1.877133 -1.129710  50 1 0 3.418865 -4.008998 -1.327518  51 1 0 -2.910179 2.077082 -0.718235  52 1 0 -3.451588 4.213968 -0.593657  53 1 0 2.383237 -5.058337 -0.319444  54 1 0 2.097623 -4.970358 -2.049750  55 1 0 -2.339883 5.129350 0.462773  56 1 0 -2.183496 5.268264 -1.280653 |
| TM\_NP\_model\_scan\_p\_120\_p\_120 | 1 6 0 -1.392959 -0.274964 -0.700754  2 6 0 -0.450729 -1.302488 -0.711672  3 6 0 0.927033 -1.059325 -0.721568  4 6 0 1.392923 0.275337 -0.700683  5 6 0 0.450707 1.302845 -0.710884  6 6 0 -0.927063 1.059676 -0.720887  7 6 0 2.842874 0.636778 -0.657197  8 6 0 3.373401 1.391041 -1.686153  9 6 0 4.727231 1.789513 -1.692416  10 6 0 5.553009 1.441687 -0.654343  11 6 0 5.053065 0.699406 0.445946  12 6 0 3.676645 0.298389 0.461253  13 6 0 3.193440 -0.390852 1.606903  14 6 0 4.025065 -0.694628 2.657983  15 6 0 5.387899 -0.324204 2.625793  16 6 0 5.885053 0.360776 1.545354  17 6 0 -2.842909 -0.636399 -0.657406  18 6 0 -3.676649 -0.298580 0.461235  19 6 0 -5.053102 -0.699500 0.445703  20 6 0 -5.553092 -1.441037 -0.655067  21 6 0 -4.727328 -1.788372 -1.693320  22 6 0 -3.373453 -1.390069 -1.686797  23 6 0 -3.193366 0.389881 1.607328  24 6 0 -4.024957 0.692994 2.658635  25 6 0 -5.387794 0.322635 2.626248  26 6 0 -5.885037 -0.361583 1.545360  27 6 0 1.861012 -2.201157 -0.815500  28 7 0 1.468294 -3.406108 -0.731556  29 6 0 2.457223 -4.456404 -0.864488  30 6 0 -1.861031 2.201535 -0.814408  31 7 0 -1.468204 3.406461 -0.730640  32 6 0 -2.457208 4.456743 -0.863436  33 1 0 -0.775858 -2.335516 -0.709529  34 1 0 0.775799 2.335884 -0.708186  35 1 0 2.737287 1.661252 -2.521427  36 1 0 5.108326 2.367353 -2.526789  37 1 0 6.596695 1.738014 -0.654192  38 1 0 2.149262 -0.671685 1.652907  39 1 0 3.631249 -1.217868 3.522065  40 1 0 6.034400 -0.573338 3.459697  41 1 0 6.926826 0.663199 1.518422  42 1 0 -6.596819 -1.737227 -0.655125  43 1 0 -5.108491 -2.365656 -2.528044  44 1 0 -2.737328 -1.659847 -2.522207  45 1 0 -2.149200 0.670705 1.653499  46 1 0 -3.631134 1.215657 3.523063  47 1 0 -6.034242 0.571208 3.460362  48 1 0 -6.926823 -0.663941 1.518296  49 1 0 2.916654 -1.951095 -0.979100  50 1 0 3.480067 -4.084947 -1.026896  51 1 0 -2.916730 1.951538 -0.977730  52 1 0 -3.480107 4.085192 -1.025245  53 1 0 2.444263 -5.077667 0.036650  54 1 0 2.178927 -5.108073 -1.698941  55 1 0 -2.443792 5.078274 0.037496  56 1 0 -2.179264 5.108079 -1.698256 |
| TM\_NP\_model\_scan\_p\_120\_p\_130 | 1 6 0 1.388991 0.338488 -0.710312  2 6 0 0.431510 1.353345 -0.684427  3 6 0 -0.942925 1.095659 -0.698419  4 6 0 -1.394414 -0.243793 -0.713789  5 6 0 -0.439965 -1.258731 -0.760826  6 6 0 0.934875 -1.000353 -0.769470  7 6 0 -2.839601 -0.623183 -0.670681  8 6 0 -3.369499 -1.352793 -1.717624  9 6 0 -4.718635 -1.766787 -1.725487  10 6 0 -5.539920 -1.460233 -0.670954  11 6 0 -5.039548 -0.746225 0.447703  12 6 0 -3.667842 -0.329333 0.464352  13 6 0 -3.182824 0.328950 1.627315  14 6 0 -4.008963 0.589490 2.694239  15 6 0 -5.367657 0.204292 2.661391  16 6 0 -5.866087 -0.452040 1.563887  17 6 0 2.829620 0.721014 -0.610916  18 6 0 3.680582 0.248726 0.447450  19 6 0 5.044560 0.690861 0.489117  20 6 0 5.512287 1.615589 -0.478480  21 6 0 4.663613 2.107223 -1.436826  22 6 0 3.325270 1.666307 -1.490911  23 6 0 3.226344 -0.600908 1.493365  24 6 0 4.075125 -1.027746 2.486353  25 6 0 5.429757 -0.628223 2.495358  26 6 0 5.897348 0.217112 1.520968  27 6 0 -1.889414 2.229916 -0.752717  28 7 0 -1.508338 3.436290 -0.640609  29 6 0 -2.509547 4.479131 -0.735290  30 6 0 1.874013 -2.130500 -0.937184  31 7 0 1.497187 -3.340966 -0.862364  32 6 0 2.485716 -4.377511 -1.080199  33 1 0 0.742037 2.389812 -0.640691  34 1 0 -0.752981 -2.295032 -0.791931  35 1 0 -2.737069 -1.590143 -2.565597  36 1 0 -5.099805 -2.323641 -2.573975  37 1 0 -6.580119 -1.768579 -0.671786  38 1 0 -2.141516 0.620104 1.674160  39 1 0 -3.613796 1.089483 3.571370  40 1 0 -6.009807 0.419182 3.508088  41 1 0 -6.904454 -0.765850 1.535911  42 1 0 6.546879 1.939259 -0.435524  43 1 0 5.015504 2.830611 -2.163578  44 1 0 2.675549 2.049091 -2.269719  45 1 0 2.188818 -0.905879 1.515339  46 1 0 3.699505 -1.670490 3.274575  47 1 0 6.090896 -0.977808 3.280266  48 1 0 6.930159 0.549726 1.531070  49 1 0 -2.944042 1.973358 -0.912786  50 1 0 -3.530166 4.101006 -0.896153  51 1 0 2.916604 -1.866042 -1.153619  52 1 0 3.494567 -3.991692 -1.289623  53 1 0 -2.493008 5.076750 0.181616  54 1 0 -2.247415 5.155180 -1.555445  55 1 0 2.529097 -5.023394 -0.197546  56 1 0 2.165997 -5.008740 -1.915536 |
| TM\_NP\_model\_scan\_p\_120\_p\_140 | 1 6 0 1.387493 0.370915 -0.727093  2 6 0 0.414723 1.373295 -0.692997  3 6 0 -0.956436 1.102593 -0.703164  4 6 0 -1.395589 -0.240817 -0.712229  5 6 0 -0.430038 -1.244503 -0.764106  6 6 0 0.942020 -0.972496 -0.781022  7 6 0 -2.836363 -0.634857 -0.660928  8 6 0 -3.363731 -1.373094 -1.703142  9 6 0 -4.708807 -1.800129 -1.703747  10 6 0 -5.528546 -1.497642 -0.646838  11 6 0 -5.030341 -0.774853 0.467137  12 6 0 -3.662568 -0.344992 0.476638  13 6 0 -3.178972 0.321923 1.635243  14 6 0 -4.003218 0.578711 2.704547  15 6 0 -5.358405 0.180853 2.678584  16 6 0 -5.855098 -0.484213 1.585557  17 6 0 2.818406 0.774788 -0.581555  18 6 0 3.689948 0.219749 0.422409  19 6 0 5.039283 0.701620 0.510803  20 6 0 5.467300 1.755866 -0.334156  21 6 0 4.590283 2.340140 -1.211246  22 6 0 3.271000 1.857629 -1.317405  23 6 0 3.270249 -0.737867 1.387127  24 6 0 4.139526 -1.238117 2.326724  25 6 0 5.484691 -0.810182 2.363147  26 6 0 5.916932 0.145098 1.478776  27 6 0 -1.913280 2.228606 -0.753126  28 7 0 -1.542267 3.438491 -0.645459  29 6 0 -2.553233 4.472354 -0.735114  30 6 0 1.883051 -2.094501 -0.994621  31 7 0 1.521004 -3.308634 -0.910026  32 6 0 2.506365 -4.334787 -1.184491  33 1 0 0.709601 2.413467 -0.638060  34 1 0 -0.731567 -2.284146 -0.797161  35 1 0 -2.732806 -1.606965 -2.553189  36 1 0 -5.088226 -2.363496 -2.548710  37 1 0 -6.565791 -1.815748 -0.642243  38 1 0 -2.140186 0.622726 1.676908  39 1 0 -3.609146 1.085464 3.578280  40 1 0 -5.999136 0.392944 3.527058  41 1 0 -6.890611 -0.807731 1.562920  42 1 0 6.490795 2.106940 -0.255842  43 1 0 4.906150 3.167998 -1.835800  44 1 0 2.605906 2.312009 -2.042590  45 1 0 2.240517 -1.066557 1.396568  46 1 0 3.785532 -1.960653 3.053476  47 1 0 6.163506 -1.220913 3.101983  48 1 0 6.938952 0.507592 1.516714  49 1 0 -2.966575 1.962562 -0.906192  50 1 0 -3.571409 4.084940 -0.889075  51 1 0 2.911498 -1.818947 -1.259667  52 1 0 3.500253 -3.938445 -1.440518  53 1 0 -2.536307 5.071219 0.180970  54 1 0 -2.302322 5.149652 -1.557738  55 1 0 2.599125 -4.986668 -0.310104  56 1 0 2.151210 -4.962789 -2.007863 |
| TM\_NP\_model\_scan\_p\_120\_p\_150 | 1 6 0 1.387207 0.396359 -0.751971  2 6 0 0.396968 1.384568 -0.724915  3 6 0 -0.970581 1.099290 -0.727836  4 6 0 -1.396370 -0.247987 -0.708156  5 6 0 -0.418566 -1.239457 -0.750614  6 6 0 0.949947 -0.952386 -0.781176  7 6 0 -2.831742 -0.657991 -0.640704  8 6 0 -3.356080 -1.422599 -1.665387  9 6 0 -4.695634 -1.866239 -1.649461  10 6 0 -5.513025 -1.553042 -0.593835  11 6 0 -5.017741 -0.801553 0.502283  12 6 0 -3.655368 -0.354826 0.495260  13 6 0 -3.174032 0.342298 1.636900  14 6 0 -3.995795 0.611460 2.705054  15 6 0 -5.346022 0.196333 2.694978  16 6 0 -5.840097 -0.497808 1.618990  17 6 0 2.807441 0.822500 -0.558545  18 6 0 3.697273 0.206194 0.397708  19 6 0 5.033093 0.718146 0.530659  20 6 0 5.423180 1.871245 -0.193659  21 6 0 4.517826 2.525059 -0.988557  22 6 0 3.217935 2.009222 -1.147827  23 6 0 3.309998 -0.832326 1.290389  24 6 0 4.198745 -1.389148 2.178682  25 6 0 5.536422 -0.941961 2.235965  26 6 0 5.935070 0.097706 1.435705  27 6 0 -1.938912 2.214933 -0.792247  28 7 0 -1.580010 3.430256 -0.707640  29 6 0 -2.602033 4.452010 -0.810471  30 6 0 1.891683 -2.067939 -1.030572  31 7 0 1.545082 -3.285247 -0.931351  32 6 0 2.526284 -4.301923 -1.252243  33 1 0 0.671772 2.429884 -0.673588  34 1 0 -0.706766 -2.283218 -0.770375  35 1 0 -2.727208 -1.665417 -2.514421  36 1 0 -5.072800 -2.450896 -2.480858  37 1 0 -6.546131 -1.883921 -0.576689  38 1 0 -2.138840 0.656604 1.666425  39 1 0 -3.603515 1.141431 3.565712  40 1 0 -5.984898 0.418414 3.542294  41 1 0 -6.871619 -0.834439 1.608850  42 1 0 6.435966 2.243278 -0.081172  43 1 0 4.797195 3.432879 -1.510966  44 1 0 2.541459 2.519030 -1.823278  45 1 0 2.286838 -1.178314 1.293967  46 1 0 3.863537 -2.171038 2.850831  47 1 0 6.232560 -1.400097 2.929356  48 1 0 6.947288 0.483493 1.498258  49 1 0 -2.990150 1.935531 -0.935494  50 1 0 -3.616773 4.051429 -0.952884  51 1 0 2.904356 -1.782500 -1.342221  52 1 0 3.503077 -3.895930 -1.554748  53 1 0 -2.587272 5.066914 0.094950  54 1 0 -2.361990 5.117335 -1.646009  55 1 0 2.666946 -4.952642 -0.383354  56 1 0 2.139017 -4.933701 -2.058047 |
| TM\_NP\_model\_scan\_p\_120\_p\_160 | 1 6 0 1.388175 0.412274 -0.780462  2 6 0 0.379217 1.384897 -0.774374  3 6 0 -0.984511 1.085215 -0.766735  4 6 0 -1.397075 -0.264355 -0.702552  5 6 0 -0.406766 -1.242990 -0.724603  6 6 0 0.957927 -0.941281 -0.771164  7 6 0 -2.826716 -0.688755 -0.613313  8 6 0 -3.348426 -1.490887 -1.610341  9 6 0 -4.682467 -1.949432 -1.571608  10 6 0 -5.496960 -1.612734 -0.520963  11 6 0 -5.004005 -0.821005 0.547501  12 6 0 -3.647127 -0.358836 0.517514  13 6 0 -3.167322 0.380267 1.633073  14 6 0 -3.985861 0.674091 2.697178  15 6 0 -5.331095 0.243079 2.709006  16 6 0 -5.823252 -0.491174 1.659087  17 6 0 2.796063 0.864936 -0.540297  18 6 0 3.706149 0.203828 0.372070  19 6 0 5.029130 0.740619 0.542718  20 6 0 5.378927 1.969215 -0.067730  21 6 0 4.441199 2.673049 -0.777029  22 6 0 3.160465 2.129473 -0.984002  23 6 0 3.350971 -0.894488 1.204979  24 6 0 4.259577 -1.491671 2.045966  25 6 0 5.590885 -1.028986 2.115183  26 6 0 5.956370 0.074037 1.387890  27 6 0 -1.964128 2.189348 -0.857856  28 7 0 -1.617689 3.410078 -0.806499  29 6 0 -2.650414 4.418367 -0.933029  30 6 0 1.898092 -2.053867 -1.047271  31 7 0 1.564381 -3.273136 -0.931820  32 6 0 2.539067 -4.283526 -1.290419  33 1 0 0.630920 2.435942 -0.740940  34 1 0 -0.680700 -2.290777 -0.720646  35 1 0 -2.722000 -1.753061 -2.455401  36 1 0 -5.057819 -2.564274 -2.381780  37 1 0 -6.525909 -1.955015 -0.486610  38 1 0 -2.135640 0.706945 1.646041  39 1 0 -3.594784 1.235964 3.537911  40 1 0 -5.967517 0.484862 3.552770  41 1 0 -6.850764 -0.839918 1.666261  42 1 0 6.381473 2.358951 0.072559  43 1 0 4.680796 3.641969 -1.199829  44 1 0 2.472430 2.684347 -1.609446  45 1 0 2.333480 -1.254229 1.209382  46 1 0 3.942748 -2.317145 2.673422  47 1 0 6.304774 -1.520813 2.766089  48 1 0 6.959212 0.480082 1.469992  49 1 0 -3.012878 1.895441 -0.990291  50 1 0 -3.661185 4.003805 -1.062961  51 1 0 2.895272 -1.762435 -1.400891  52 1 0 3.499839 -3.871028 -1.632835  53 1 0 -2.640350 5.056130 -0.043503  54 1 0 -2.418985 5.064664 -1.785740  55 1 0 2.719859 -4.931541 -0.426922  56 1 0 2.124345 -4.919707 -2.078911 |
| TM\_NP\_model\_scan\_p\_130\_m\_0 | 1 6 0 -1.468306 0.571460 -0.293622  2 6 0 -0.734680 -0.624594 -0.385419  3 6 0 0.651150 -0.698594 -0.554937  4 6 0 1.416590 0.484881 -0.538803  5 6 0 0.718015 1.684594 -0.401589  6 6 0 -0.669939 1.757438 -0.279612  7 6 0 2.907281 0.529517 -0.591358  8 6 0 3.509030 1.365031 -1.515591  9 6 0 4.910407 1.490859 -1.606497  10 6 0 5.720902 0.792471 -0.748755  11 6 0 5.160049 -0.030481 0.260478  12 6 0 3.734760 -0.152848 0.366187  13 6 0 3.211833 -0.905903 1.453119  14 6 0 4.041410 -1.540412 2.346304  15 6 0 5.444639 -1.457712 2.208326  16 6 0 5.986851 -0.713023 1.191401  17 6 0 -2.850952 0.491972 0.280966  18 6 0 -3.754373 -0.612961 -0.005668  19 6 0 -5.035657 -0.648872 0.644411  20 6 0 -5.473917 0.460514 1.409525  21 6 0 -4.697040 1.583872 1.485551  22 6 0 -3.416234 1.600552 0.898227  23 6 0 -3.508640 -1.633174 -0.967786  24 6 0 -4.387815 -2.671417 -1.171490  25 6 0 -5.581324 -2.763165 -0.427624  26 6 0 -5.900958 -1.757073 0.447425  27 6 0 1.269414 -2.021094 -0.797083  28 7 0 0.614458 -3.105003 -0.704007  29 6 0 1.303949 -4.346127 -0.992492  30 6 0 -1.251742 3.118970 -0.385023  31 7 0 -0.631286 4.161110 -0.008900  32 6 0 -1.249836 5.448923 -0.253571  33 1 0 -1.224250 -1.578553 -0.272305  34 1 0 1.258062 2.622801 -0.381110  35 1 0 2.884391 1.906200 -2.217041  36 1 0 5.339207 2.137136 -2.363905  37 1 0 6.800604 0.872921 -0.817822  38 1 0 2.140384 -0.966043 1.589076  39 1 0 3.615020 -2.102067 3.169826  40 1 0 6.087914 -1.969037 2.915507  41 1 0 7.063329 -0.622196 1.089951  42 1 0 -6.444559 0.416859 1.891824  43 1 0 -5.042437 2.460631 2.021351  44 1 0 -2.803601 2.466227 1.100776  45 1 0 -2.631654 -1.580576 -1.593675  46 1 0 -4.162260 -3.418782 -1.923790  47 1 0 -6.254988 -3.599123 -0.577512  48 1 0 -6.843870 -1.772557 0.984085  49 1 0 2.327552 -2.013733 -1.086500  50 1 0 2.360476 -4.212231 -1.268571  51 1 0 -2.235112 3.181969 -0.871550  52 1 0 -2.233105 5.383630 -0.744424  53 1 0 1.246505 -5.000493 -0.117004  54 1 0 0.786571 -4.864232 -1.806309  55 1 0 -1.361239 5.981767 0.695992  56 1 0 -0.584364 6.055105 -0.876516 |
| TM\_NP\_model\_scan\_p\_130\_m\_10 | 1 6 0 -1.456858 0.516367 -0.212317  2 6 0 -0.719396 -0.675467 -0.298301  3 6 0 0.663584 -0.732060 -0.492388  4 6 0 1.409351 0.465706 -0.526262  5 6 0 0.698999 1.660324 -0.408021  6 6 0 -0.687519 1.715972 -0.254982  7 6 0 2.897985 0.528487 -0.615586  8 6 0 3.466501 1.346199 -1.576091  9 6 0 4.863547 1.487496 -1.703905  10 6 0 5.703615 0.822333 -0.848152  11 6 0 5.177883 0.019210 0.195322  12 6 0 3.757231 -0.117331 0.339175  13 6 0 3.270453 -0.847794 1.457865  14 6 0 4.129312 -1.449773 2.345879  15 6 0 5.527616 -1.354651 2.170849  16 6 0 6.035543 -0.629633 1.122522  17 6 0 -2.840355 0.442392 0.351419  18 6 0 -3.771861 -0.608990 -0.013148  19 6 0 -5.066185 -0.637237 0.609190  20 6 0 -5.466104 0.424563 1.458646  21 6 0 -4.636074 1.495244 1.654160  22 6 0 -3.348935 1.508137 1.080914  23 6 0 -3.525807 -1.585165 -1.019054  24 6 0 -4.436262 -2.574243 -1.309132  25 6 0 -5.660235 -2.654145 -0.613637  26 6 0 -5.968834 -1.692555 0.314195  27 6 0 1.298867 -2.049962 -0.714733  28 7 0 0.667604 -3.141769 -0.566778  29 6 0 1.370000 -4.378881 -0.841001  30 6 0 -1.309624 3.057951 -0.361508  31 7 0 -0.684337 4.126620 -0.078869  32 6 0 -1.355397 5.390524 -0.308295  33 1 0 -1.205783 -1.630352 -0.167023  34 1 0 1.226414 2.605772 -0.427674  35 1 0 2.818270 1.860281 -2.276513  36 1 0 5.265433 2.118738 -2.488283  37 1 0 6.780194 0.914352 -0.945609  38 1 0 2.203507 -0.916898 1.621925  39 1 0 3.730071 -1.995096 3.193623  40 1 0 6.194253 -1.840602 2.874286  41 1 0 7.108028 -0.529004 0.992105  42 1 0 -6.447078 0.387039 1.920196  43 1 0 -4.948255 2.331053 2.269885  44 1 0 -2.693999 2.323460 1.354096  45 1 0 -2.617889 -1.536328 -1.600695  46 1 0 -4.212395 -3.292212 -2.090036  47 1 0 -6.361778 -3.450156 -0.835893  48 1 0 -6.926971 -1.706000 0.823240  49 1 0 2.346774 -2.032888 -1.039003  50 1 0 2.413828 -4.235112 -1.157428  51 1 0 -2.335051 3.080527 -0.754849  52 1 0 -2.376131 5.285897 -0.707006  53 1 0 1.354638 -5.006575 0.055537  54 1 0 0.834832 -4.931152 -1.620081  55 1 0 -1.396421 5.952679 0.630001  56 1 0 -0.763614 5.990512 -1.007017 |
| TM\_NP\_model\_scan\_p\_130\_m\_20 | 1 6 0 -1.444676 0.466705 -0.134937  2 6 0 -0.703402 -0.720273 -0.217700  3 6 0 0.676188 -0.760540 -0.436450  4 6 0 1.401926 0.449101 -0.516086  5 6 0 0.679323 1.637870 -0.415450  6 6 0 -0.705197 1.677679 -0.233569  7 6 0 2.887738 0.528218 -0.638344  8 6 0 3.426434 1.327872 -1.630627  9 6 0 4.818800 1.482329 -1.790874  10 6 0 5.684434 0.848063 -0.937116  11 6 0 5.190097 0.064722 0.136264  12 6 0 3.774449 -0.083794 0.313660  13 6 0 3.319887 -0.791880 1.459951  14 6 0 4.204039 -1.362974 2.343546  15 6 0 5.597128 -1.257270 2.136198  16 6 0 6.074437 -0.552289 1.060195  17 6 0 -2.833604 0.397753 0.408964  18 6 0 -3.784938 -0.602847 -0.023463  19 6 0 -5.087968 -0.628564 0.578952  20 6 0 -5.457199 0.379020 1.505245  21 6 0 -4.586850 1.393737 1.803015  22 6 0 -3.295278 1.407863 1.239663  23 6 0 -3.537874 -1.533637 -1.070664  24 6 0 -4.471658 -2.474426 -1.435964  25 6 0 -5.717787 -2.545659 -0.778505  26 6 0 -6.018199 -1.631419 0.198832  27 6 0 1.327438 -2.072985 -0.643839  28 7 0 0.718089 -3.170458 -0.452306  29 6 0 1.432518 -4.402927 -0.716181  30 6 0 -1.361810 3.002205 -0.332912  31 7 0 -0.737636 4.089859 -0.130917  32 6 0 -1.451587 5.334008 -0.336867  33 1 0 -1.185956 -1.676248 -0.072019  34 1 0 1.193878 2.588996 -0.471208  35 1 0 2.757794 1.816752 -2.329929  36 1 0 5.196684 2.098601 -2.598743  37 1 0 6.757578 0.949969 -1.059412  38 1 0 2.257515 -0.868695 1.648303  39 1 0 3.828901 -1.891918 3.212407  40 1 0 6.284045 -1.719008 2.836432  41 1 0 7.142740 -0.443475 0.904378  42 1 0 -6.445122 0.343998 1.952017  43 1 0 -4.873756 2.182653 2.488923  44 1 0 -2.608422 2.175903 1.569472  45 1 0 -2.606442 -1.488056 -1.615536  46 1 0 -4.249743 -3.161674 -2.244587  47 1 0 -6.439913 -3.302205 -1.063856  48 1 0 -6.987374 -1.645668 0.686542  49 1 0 2.365985 -2.047538 -0.996451  50 1 0 2.464742 -4.250960 -1.065152  51 1 0 -2.416103 2.994375 -0.639629  52 1 0 -2.500368 5.199103 -0.642585  53 1 0 1.452037 -5.008593 0.195324  54 1 0 0.884903 -4.982413 -1.466294  55 1 0 -1.423275 5.922976 0.585309  56 1 0 -0.934334 5.923358 -1.100797 |
| TM\_NP\_model\_scan\_p\_130\_m\_30 | 1 6 0 -1.432494 0.421568 -0.057617  2 6 0 -0.687684 -0.760662 -0.140484  3 6 0 0.687893 -0.786158 -0.384566  4 6 0 1.394057 0.432983 -0.506181  5 6 0 0.659781 1.615555 -0.419536  6 6 0 -0.721901 1.640842 -0.208851  7 6 0 2.876369 0.526885 -0.660045  8 6 0 3.386166 1.309523 -1.680639  9 6 0 4.773255 1.476815 -1.871222  10 6 0 5.662777 0.872427 -1.020368  11 6 0 5.198730 0.107959 0.079793  12 6 0 3.788633 -0.052973 0.288114  13 6 0 3.364936 -0.740080 1.458775  14 6 0 4.272757 -1.280117 2.337897  15 6 0 5.660195 -1.162695 2.101178  16 6 0 6.108036 -0.477259 1.000173  17 6 0 -2.828207 0.354978 0.464774  18 6 0 -3.795009 -0.591278 -0.036386  19 6 0 -5.103695 -0.623823 0.551714  20 6 0 -5.447026 0.314973 1.556996  21 6 0 -4.544714 1.268021 1.951413  22 6 0 -3.250389 1.292446 1.393966  23 6 0 -3.547248 -1.465518 -1.130551  24 6 0 -4.498598 -2.355890 -1.568640  25 6 0 -5.760899 -2.427035 -0.941336  26 6 0 -6.055014 -1.570734 0.089257  27 6 0 1.353733 -2.092723 -0.581561  28 7 0 0.765202 -3.194614 -0.353680  29 6 0 1.490794 -4.421872 -0.611263  30 6 0 -1.408818 2.949560 -0.295213  31 7 0 -0.790218 4.052264 -0.171938  32 6 0 -1.542086 5.278389 -0.348330  33 1 0 -1.165883 -1.718041 0.016570  34 1 0 1.161503 2.571080 -0.507884  35 1 0 2.698329 1.774392 -2.377709  36 1 0 5.128052 2.078945 -2.699961  37 1 0 6.732062 0.984270 -1.165640  38 1 0 2.307372 -0.825658 1.669028  39 1 0 3.920775 -1.793469 3.225597  40 1 0 6.366114 -1.599943 2.798228  41 1 0 7.171767 -0.359655 0.821098  42 1 0 -6.439285 0.275278 1.993732  43 1 0 -4.811009 1.999127 2.706257  44 1 0 -2.539033 2.013526 1.776592  45 1 0 -2.598120 -1.416891 -1.645117  46 1 0 -4.278984 -3.003989 -2.409590  47 1 0 -6.498554 -3.141972 -1.287846  48 1 0 -7.032291 -1.592113 0.560269  49 1 0 2.383170 -2.059564 -0.959373  50 1 0 2.511610 -4.262448 -0.989274  51 1 0 -2.484026 2.916462 -0.513151  52 1 0 -2.609437 5.117607 -0.563888  53 1 0 1.541931 -5.008898 0.311168  54 1 0 0.933016 -5.023970 -1.335644  55 1 0 -1.450035 5.890868 0.554162  56 1 0 -1.099906 5.856870 -1.165854 |
| TM\_NP\_model\_scan\_p\_130\_m\_40 | 1 6 0 -1.421705 0.377996 0.026038  2 6 0 -0.672585 -0.799215 -0.058386  3 6 0 0.698254 -0.811096 -0.329116  4 6 0 1.384333 0.415781 -0.491948  5 6 0 0.638719 1.591663 -0.413623  6 6 0 -0.738914 1.603331 -0.172095  7 6 0 2.861803 0.524195 -0.681481  8 6 0 3.338506 1.291259 -1.729435  9 6 0 4.718680 1.472531 -1.954314  10 6 0 5.634643 0.898459 -1.110619  11 6 0 5.205206 0.152025 0.015704  12 6 0 3.802281 -0.023372 0.258367  13 6 0 3.413711 -0.690615 1.452519  14 6 0 4.347856 -1.198176 2.323378  15 6 0 5.728077 -1.066587 2.054123  16 6 0 6.142281 -0.399991 0.928645  17 6 0 -2.825209 0.308200 0.525858  18 6 0 -3.803062 -0.574727 -0.053075  19 6 0 -5.117502 -0.625237 0.519422  20 6 0 -5.442964 0.225834 1.605683  21 6 0 -4.516522 1.108296 2.098312  22 6 0 -3.217970 1.152178 1.550790  23 6 0 -3.551676 -1.373375 -1.202325  24 6 0 -4.515325 -2.205500 -1.720038  25 6 0 -5.791560 -2.287681 -1.121666  26 6 0 -6.083740 -1.507482 -0.031487  27 6 0 1.377871 -2.111527 -0.518243  28 7 0 0.811638 -3.216868 -0.253416  29 6 0 1.547903 -4.438641 -0.506856  30 6 0 -1.451145 2.898567 -0.238610  31 7 0 -0.841164 4.011974 -0.190418  32 6 0 -1.623423 5.223715 -0.328659  33 1 0 -1.145237 -1.758328 0.109378  34 1 0 1.127246 2.550834 -0.531502  35 1 0 2.629214 1.732155 -2.420555  36 1 0 5.047121 2.061324 -2.803256  37 1 0 6.698891 1.021385 -1.281701  38 1 0 2.362197 -0.786878 1.687141  39 1 0 4.022420 -1.696741 3.229454  40 1 0 6.455026 -1.478180 2.745152  41 1 0 7.200133 -0.271780 0.723828  42 1 0 -6.439762 0.174044 2.030734  43 1 0 -4.768703 1.767822 2.920945  44 1 0 -2.488481 1.820909 1.991968  45 1 0 -2.587365 -1.313497 -1.687929  46 1 0 -4.295549 -2.799470 -2.600034  47 1 0 -6.540131 -2.954654 -1.534196  48 1 0 -7.068545 -1.543793 0.422642  49 1 0 2.396604 -2.071251 -0.923461  50 1 0 2.555098 -4.272441 -0.917163  51 1 0 -2.539708 2.846244 -0.366289  52 1 0 -2.701954 5.044085 -0.454943  53 1 0 1.633945 -5.005754 0.425410  54 1 0 0.978827 -5.063519 -1.202583  55 1 0 -1.468880 5.854951 0.552134  56 1 0 -1.256643 5.791949 -1.189523 |
| TM\_NP\_model\_scan\_p\_130\_m\_50 | 1 6 0 -1.412558 0.328736 0.125378  2 6 0 -0.654443 -0.840465 0.036126  3 6 0 0.710441 -0.835411 -0.264482  4 6 0 1.371829 0.399814 -0.467054  5 6 0 0.612220 1.566511 -0.387553  6 6 0 -0.759467 1.561004 -0.110926  7 6 0 2.841874 0.526638 -0.699909  8 6 0 3.276376 1.282706 -1.773872  9 6 0 4.646479 1.481958 -2.040976  10 6 0 5.594982 0.938116 -1.213459  11 6 0 5.209603 0.205220 -0.062523  12 6 0 3.817059 0.010942 0.222308  13 6 0 3.473100 -0.641560 1.438143  14 6 0 4.439583 -1.117342 2.291482  15 6 0 5.809402 -0.966987 1.981847  16 6 0 6.180864 -0.314169 0.833580  17 6 0 -2.824647 0.244124 0.601218  18 6 0 -3.806489 -0.558888 -0.072928  19 6 0 -5.131429 -0.636386 0.470618  20 6 0 -5.452740 0.100480 1.638725  21 6 0 -4.511391 0.895082 2.241381  22 6 0 -3.204006 0.968510 1.716963  23 6 0 -3.541574 -1.256088 -1.283305  24 6 0 -4.511051 -2.011930 -1.897608  25 6 0 -5.804394 -2.113531 -1.339212  26 6 0 -6.104884 -1.435346 -0.184676  27 6 0 1.406064 -2.127458 -0.451410  28 7 0 0.868272 -3.236751 -0.146779  29 6 0 1.616958 -4.450624 -0.401875  30 6 0 -1.496497 2.842482 -0.147769  31 7 0 -0.902664 3.965346 -0.174982  32 6 0 -1.713298 5.162897 -0.262329  33 1 0 -1.117415 -1.803136 0.213394  34 1 0 1.084134 2.530500 -0.530960  35 1 0 2.540786 1.699912 -2.452078  36 1 0 4.941243 2.060668 -2.909000  37 1 0 6.651854 1.075163 -1.416601  38 1 0 2.430269 -0.751903 1.703421  39 1 0 4.148006 -1.605160 3.214783  40 1 0 6.562116 -1.353576 2.659605  41 1 0 7.230271 -0.171825 0.597116  42 1 0 -6.457538 0.030229 2.041820  43 1 0 -4.760364 1.463188 3.130556  44 1 0 -2.465014 1.574362 2.228716  45 1 0 -2.559968 -1.180387 -1.731725  46 1 0 -4.283022 -2.531385 -2.821553  47 1 0 -6.558341 -2.718479 -1.830139  48 1 0 -7.100267 -1.492832 0.243478  49 1 0 2.410273 -2.077732 -0.890553  50 1 0 2.606001 -4.275627 -0.850920  51 1 0 -2.590831 2.771546 -0.176435  52 1 0 -2.795776 4.965702 -0.287043  53 1 0 1.745823 -4.996874 0.537903  54 1 0 1.035002 -5.099314 -1.064345  55 1 0 -1.489534 5.812289 0.589956  56 1 0 -1.434770 5.720300 -1.162482 |
| TM\_NP\_model\_scan\_p\_130\_m\_60 | 1 6 0 -1.399888 0.263177 0.203718  2 6 0 -0.628465 -0.893641 0.090527  3 6 0 0.729999 -0.862276 -0.238150  4 6 0 1.363194 0.385853 -0.454002  5 6 0 0.585123 1.538996 -0.358350  6 6 0 -0.779827 1.506919 -0.050338  7 6 0 2.826439 0.539855 -0.713258  8 6 0 3.228039 1.302017 -1.795584  9 6 0 4.589349 1.529339 -2.084598  10 6 0 5.561902 1.008100 -1.270620  11 6 0 5.210107 0.269495 -0.112565  12 6 0 3.826572 0.045974 0.194005  13 6 0 3.515569 -0.612715 1.415399  14 6 0 4.505156 -1.066625 2.254065  15 6 0 5.866485 -0.886595 1.923560  16 6 0 6.206051 -0.227224 0.769155  17 6 0 -2.813782 0.152473 0.674543  18 6 0 -3.812060 -0.535519 -0.091380  19 6 0 -5.139029 -0.647579 0.440353  20 6 0 -5.438472 -0.066326 1.698792  21 6 0 -4.473092 0.607125 2.402954  22 6 0 -3.164402 0.716539 1.886503  23 6 0 -3.554941 -1.090908 -1.374349  24 6 0 -4.540843 -1.739111 -2.078717  25 6 0 -5.841347 -1.867089 -1.541691  26 6 0 -6.130627 -1.329638 -0.312370  27 6 0 1.446699 -2.139662 -0.443481  28 7 0 0.940525 -3.259595 -0.124047  29 6 0 1.706589 -4.457941 -0.399843  30 6 0 -1.544300 2.771977 -0.041774  31 7 0 -0.978757 3.906116 -0.131179  32 6 0 -1.818379 5.086473 -0.151954  33 1 0 -1.076308 -1.864390 0.264428  34 1 0 1.036713 2.511501 -0.509536  35 1 0 2.473347 1.702757 -2.462661  36 1 0 4.858214 2.112159 -2.958264  37 1 0 6.612342 1.167491 -1.490180  38 1 0 2.479666 -0.745708 1.696859  39 1 0 4.238425 -1.560086 3.181884  40 1 0 6.637653 -1.255912 2.590117  41 1 0 7.248359 -0.062313 0.516531  42 1 0 -6.445074 -0.160941 2.092367  43 1 0 -4.705081 1.051855 3.364079  44 1 0 -2.407355 1.232312 2.466561  45 1 0 -2.564721 -0.994238 -1.800362  46 1 0 -4.321047 -2.153347 -3.056281  47 1 0 -6.608960 -2.384445 -2.106117  48 1 0 -7.129426 -1.414152 0.103156  49 1 0 2.437489 -2.068995 -0.909563  50 1 0 2.679293 -4.263120 -0.875729  51 1 0 -2.635168 2.678440 0.027772  52 1 0 -2.894166 4.867457 -0.075377  53 1 0 1.872129 -5.001216 0.535904  54 1 0 1.120061 -5.118409 -1.046449  55 1 0 -1.530608 5.747403 0.671785  56 1 0 -1.635073 5.641474 -1.077641 |
| TM\_NP\_model\_scan\_p\_130\_m\_70 | 1 6 0 -1.390285 0.179051 0.296485  2 6 0 -0.597018 -0.957316 0.146653  3 6 0 0.753819 -0.887118 -0.208427  4 6 0 1.351184 0.379654 -0.418432  5 6 0 0.549544 1.512661 -0.282857  6 6 0 -0.807066 1.441443 0.054626  7 6 0 2.803680 0.572691 -0.710795  8 6 0 3.159705 1.361918 -1.789748  9 6 0 4.507467 1.626910 -2.108526  10 6 0 5.512384 1.116658 -1.327576  11 6 0 5.207516 0.350971 -0.173886  12 6 0 3.837821 0.088503 0.162730  13 6 0 3.573588 -0.598516 1.379546  14 6 0 4.594584 -1.042300 2.185312  15 6 0 5.942499 -0.822931 1.824796  16 6 0 6.236997 -0.135686 0.674320  17 6 0 -2.807656 0.022889 0.750112  18 6 0 -3.812137 -0.511736 -0.120166  19 6 0 -5.146171 -0.676586 0.377988  20 6 0 -5.442105 -0.302723 1.713675  21 6 0 -4.466052 0.218246 2.524656  22 6 0 -3.150363 0.380852 2.038882  23 6 0 -3.548379 -0.869315 -1.470263  24 6 0 -4.539567 -1.375070 -2.276347  25 6 0 -5.850412 -1.549569 -1.778361  26 6 0 -6.143833 -1.205542 -0.482228  27 6 0 1.496014 -2.142833 -0.452528  28 7 0 1.028403 -3.279187 -0.132408  29 6 0 1.814594 -4.454522 -0.447768  30 6 0 -1.601221 2.685339 0.128273  31 7 0 -1.073542 3.834420 0.005686  32 6 0 -1.940541 4.993294 0.068454  33 1 0 -1.022598 -1.941049 0.303302  34 1 0 0.975645 2.498218 -0.422973  35 1 0 2.379280 1.755070 -2.431244  36 1 0 4.740204 2.230051 -2.978770  37 1 0 6.552836 1.305218 -1.570341  38 1 0 2.548641 -0.762047 1.684071  39 1 0 4.363267 -1.558388 3.110325  40 1 0 6.738785 -1.184619 2.465504  41 1 0 7.268341 0.059192 0.399052  42 1 0 -6.454145 -0.434504 2.081813  43 1 0 -4.695686 0.503044 3.545242  44 1 0 -2.386535 0.781792 2.695917  45 1 0 -2.548217 -0.736510 -1.862545  46 1 0 -4.316450 -1.641440 -3.303395  47 1 0 -6.622552 -1.952147 -2.424304  48 1 0 -7.149541 -1.331022 -0.094530  49 1 0 2.469710 -2.040352 -0.947801  50 1 0 2.767802 -4.229740 -0.949229  51 1 0 -2.680373 2.562041 0.283777  52 1 0 -3.001211 4.746144 0.226227  53 1 0 2.020788 -5.006296 0.474821  54 1 0 1.225003 -5.120167 -1.086232  55 1 0 -1.604519 5.650199 0.877021  56 1 0 -1.844031 5.564775 -0.860256 |
| TM\_NP\_model\_scan\_p\_130\_m\_80 | 1 6 0 -1.378910 0.065030 0.359510  2 6 0 -0.557803 -1.039937 0.147444  3 6 0 0.785767 -0.914214 -0.222245  4 6 0 1.342702 0.377468 -0.384258  5 6 0 0.512751 1.480120 -0.181537  6 6 0 -0.834994 1.353693 0.173751  7 6 0 2.783936 0.625342 -0.691369  8 6 0 3.098132 1.472138 -1.739212  9 6 0 4.432100 1.788874 -2.068861  10 6 0 5.464825 1.272940 -1.329003  11 6 0 5.202277 0.449214 -0.205238  12 6 0 3.846718 0.133379 0.142403  13 6 0 3.623514 -0.612574 1.332383  14 6 0 4.670713 -1.060238 2.101559  15 6 0 6.005337 -0.786921 1.728632  16 6 0 6.259961 -0.043395 0.603918  17 6 0 -2.795410 -0.153360 0.795019  18 6 0 -3.816021 -0.479861 -0.154515  19 6 0 -5.152035 -0.706749 0.311987  20 6 0 -5.431482 -0.602083 1.698747  21 6 0 -4.437142 -0.285158 2.588922  22 6 0 -3.119104 -0.060476 2.133112  23 6 0 -3.561831 -0.578281 -1.549232  24 6 0 -4.567719 -0.889452 -2.432154  25 6 0 -5.882943 -1.118917 -1.969166  26 6 0 -6.165240 -1.028276 -0.628625  27 6 0 1.559156 -2.135488 -0.534272  28 7 0 1.130621 -3.297913 -0.255512  29 6 0 1.944148 -4.434488 -0.636626  30 6 0 -1.660075 2.567048 0.345171  31 7 0 -1.178070 3.736542 0.228696  32 6 0 -2.070931 4.863463 0.405408  33 1 0 -0.955720 -2.041254 0.258299  34 1 0 0.910282 2.482715 -0.277541  35 1 0 2.295527 1.871429 -2.348744  36 1 0 4.632169 2.436413 -2.914985  37 1 0 6.495082 1.501335 -1.580856  38 1 0 2.609116 -0.818761 1.646198  39 1 0 4.470512 -1.621652 3.007237  40 1 0 6.822672 -1.152219 2.340116  41 1 0 7.280369 0.192836 0.320397  42 1 0 -6.445495 -0.777046 2.042779  43 1 0 -4.654440 -0.207993 3.648289  44 1 0 -2.342196 0.183391 2.849172  45 1 0 -2.556528 -0.405774 -1.912710  46 1 0 -4.352719 -0.959926 -3.492510  47 1 0 -6.667060 -1.365323 -2.676231  48 1 0 -7.173498 -1.200984 -0.266578  49 1 0 2.519812 -1.983299 -1.042115  50 1 0 2.882446 -4.159592 -1.141243  51 1 0 -2.720311 2.401969 0.575482  52 1 0 -3.109828 4.576417 0.627345  53 1 0 2.180649 -5.021959 0.256160  54 1 0 1.363070 -5.086573 -1.296560  55 1 0 -1.695713 5.494833 1.217137  56 1 0 -2.058433 5.477549 -0.500742 |
| TM\_NP\_model\_scan\_p\_130\_m\_90 | 1 6 0 -1.365904 -0.064558 0.372376  2 6 0 -0.513743 -1.124895 0.075578  3 6 0 0.823499 -0.931034 -0.288836  4 6 0 1.340476 0.385302 -0.353904  5 6 0 0.479648 1.444174 -0.063375  6 6 0 -0.860782 1.250247 0.287746  7 6 0 2.771854 0.698817 -0.646622  8 6 0 3.054994 1.631752 -1.627897  9 6 0 4.377481 2.009788 -1.938934  10 6 0 5.429194 1.467671 -1.245970  11 6 0 5.197315 0.554389 -0.186448  12 6 0 3.853448 0.175660 0.142871  13 6 0 3.658713 -0.662614 1.274966  14 6 0 4.722841 -1.136023 2.004468  15 6 0 6.046922 -0.798855 1.646562  16 6 0 6.273523 0.032480 0.578724  17 6 0 -2.776356 -0.359744 0.784041  18 6 0 -3.826487 -0.436681 -0.185958  19 6 0 -5.155690 -0.745373 0.251816  20 6 0 -5.398960 -0.967590 1.631655  21 6 0 -4.375930 -0.889273 2.541874  22 6 0 -3.064156 -0.584712 2.114227  23 6 0 -3.605269 -0.217078 -1.572347  24 6 0 -4.637981 -0.297132 -2.475386  25 6 0 -5.947724 -0.602728 -2.041681  26 6 0 -6.197227 -0.821638 -0.709366  27 6 0 1.630506 -2.101091 -0.696851  28 7 0 1.237530 -3.293875 -0.508059  29 6 0 2.082688 -4.371825 -0.980035  30 6 0 -1.717338 2.418022 0.577791  31 7 0 -1.283690 3.610085 0.512193  32 6 0 -2.202157 4.688365 0.815659  33 1 0 -0.882437 -2.142780 0.107568  34 1 0 0.847849 2.462331 -0.080132  35 1 0 2.237114 2.054036 -2.200509  36 1 0 4.553875 2.725345 -2.733989  37 1 0 6.450999 1.743105 -1.484887  38 1 0 2.652388 -0.919886 1.576798  39 1 0 4.544209 -1.767725 2.867358  40 1 0 6.878026 -1.185115 2.225746  41 1 0 7.285127 0.317705 0.309045  42 1 0 -6.408187 -1.201733 1.953869  43 1 0 -4.565775 -1.061683 3.595282  44 1 0 -2.264993 -0.528370 2.844839  45 1 0 -2.603581 0.012720 -1.913704  46 1 0 -4.448215 -0.127323 -3.529291  47 1 0 -6.753200 -0.664767 -2.764780  48 1 0 -7.200458 -1.057842 -0.369956  49 1 0 2.583940 -1.882568 -1.194123  50 1 0 3.011075 -4.029280 -1.460968  51 1 0 -2.756191 2.197283 0.854572  52 1 0 -3.216340 4.348378 1.073913  53 1 0 2.338719 -5.022647 -0.138034  54 1 0 1.519167 -4.984794 -1.690761  55 1 0 -1.802192 5.276852 1.647561  56 1 0 -2.262201 5.362350 -0.044808 |
| TM\_NP\_model\_scan\_p\_130\_m\_100 | 1 6 0 -1.356220 -0.182834 0.364022  2 6 0 -0.472616 -1.194307 -0.003888  3 6 0 0.858290 -0.936708 -0.351671  4 6 0 1.337515 0.394746 -0.321673  5 6 0 0.447518 1.404747 0.045987  6 6 0 -0.886678 1.148394 0.379395  7 6 0 2.758709 0.768321 -0.591687  8 6 0 3.013813 1.777068 -1.503143  9 6 0 4.324815 2.211092 -1.788454  10 6 0 5.393076 1.646517 -1.140159  11 6 0 5.189282 0.651502 -0.150835  12 6 0 3.856889 0.215942 0.153913  13 6 0 3.688918 -0.708910 1.221061  14 6 0 4.768303 -1.210063 1.908355  15 6 0 6.081814 -0.814977 1.571402  16 6 0 6.282112 0.100013 0.568713  17 6 0 -2.761988 -0.548229 0.729399  18 6 0 -3.834588 -0.395970 -0.207523  19 6 0 -5.159011 -0.777317 0.185017  20 6 0 -5.375480 -1.301526 1.485442  21 6 0 -4.330114 -1.449136 2.360827  22 6 0 -3.023142 -1.072844 1.978446  23 6 0 -3.639044 0.109935 -1.520972  24 6 0 -4.692452 0.240989 -2.393721  25 6 0 -5.998824 -0.128185 -2.001728  26 6 0 -6.223021 -0.626628 -0.742197  27 6 0 1.696823 -2.050488 -0.844980  28 7 0 1.342383 -3.265025 -0.735786  29 6 0 2.215380 -4.281641 -1.286764  30 6 0 -1.767879 2.266369 0.774342  31 7 0 -1.377609 3.474978 0.757986  32 6 0 -2.313756 4.499923 1.172467  33 1 0 -0.813456 -2.221162 -0.051371  34 1 0 0.788301 2.430564 0.108987  35 1 0 2.183238 2.218426 -2.042144  36 1 0 4.479461 2.987594 -2.528987  37 1 0 6.406462 1.964890 -1.360877  38 1 0 2.690799 -1.012544 1.506598  39 1 0 4.609821 -1.908802 2.722105  40 1 0 6.925386 -1.223445 2.116306  41 1 0 7.284965 0.429435 0.317329  42 1 0 -6.381812 -1.587131 1.773376  43 1 0 -4.498756 -1.854097 3.352276  44 1 0 -2.206869 -1.192207 2.681989  45 1 0 -2.640226 0.387886 -1.833523  46 1 0 -4.521249 0.626670 -3.392474  47 1 0 -6.821097 -0.020101 -2.700068  48 1 0 -7.222775 -0.917221 -0.436354  49 1 0 2.638006 -1.768211 -1.333373  50 1 0 3.126544 -3.878603 -1.753594  51 1 0 -2.783551 1.994056 1.088576  52 1 0 -3.300875 4.108711 1.461003  53 1 0 2.502319 -4.977602 -0.492138  54 1 0 1.662794 -4.864693 -2.030463  55 1 0 -1.889855 5.052855 2.016821  56 1 0 -2.441652 5.220293 0.358253 |
| TM\_NP\_model\_scan\_p\_130\_m\_110 | 1 6 0 1.346882 -0.289458 -0.324567  2 6 0 0.434443 -1.256618 0.091477  3 6 0 -0.892323 -0.948353 0.412503  4 6 0 -1.337417 0.390936 0.309839  5 6 0 -0.420939 1.356240 -0.110095  6 6 0 0.907273 1.049520 -0.422572  7 6 0 -2.749089 0.815659 0.552467  8 6 0 -2.979530 1.878050 1.407940  9 6 0 -4.278882 2.363052 1.662602  10 6 0 -5.360039 1.794885 1.039335  11 6 0 -5.180339 0.743083 0.105652  12 6 0 -3.859524 0.254919 -0.168274  13 6 0 -3.713566 -0.730151 -1.183493  14 6 0 -4.804044 -1.237946 -1.848029  15 6 0 -6.107204 -0.789098 -1.539552  16 6 0 -6.285496 0.184075 -0.588835  17 6 0 2.747706 -0.709338 -0.640625  18 6 0 3.845690 -0.359421 0.212318  19 6 0 5.164235 -0.798520 -0.138111  20 6 0 5.350783 -1.582022 -1.305788  21 6 0 4.281141 -1.927228 -2.091661  22 6 0 2.980896 -1.491619 -1.753918  23 6 0 3.682477 0.391137 1.408047  24 6 0 4.760353 0.709635 2.198883  25 6 0 6.061675 0.292417 1.840325  26 6 0 6.254715 -0.447286 0.700136  27 6 0 -1.762495 -2.013812 0.955197  28 7 0 -1.440722 -3.241261 0.906256  29 6 0 -2.344039 -4.206974 1.498418  30 6 0 1.805575 2.120426 -0.902291  31 7 0 1.459299 3.342406 -0.907790  32 6 0 2.404072 4.316565 -1.415132  33 1 0 0.750671 -2.286222 0.203936  34 1 0 -0.737593 2.383935 -0.236070  35 1 0 -2.139209 2.324020 1.927722  36 1 0 -4.414441 3.181841 2.360074  37 1 0 -6.364938 2.152711 1.237218  38 1 0 -2.723235 -1.076049 -1.447276  39 1 0 -4.662140 -1.983811 -2.622044  40 1 0 -6.959935 -1.202948 -2.065820  41 1 0 -7.279667 0.554167 -0.360626  42 1 0 6.353198 -1.908794 -1.561698  43 1 0 4.425761 -2.532604 -2.979330  44 1 0 2.146625 -1.763971 -2.390545  45 1 0 2.689151 0.708305 1.699077  46 1 0 4.611826 1.281528 3.107946  47 1 0 6.903784 0.551828 2.472014  48 1 0 7.249540 -0.780889 0.423537  49 1 0 -2.697904 -1.682666 1.423487  50 1 0 -3.244888 -3.757906 1.942666  51 1 0 2.790764 1.800395 -1.264172  52 1 0 3.355799 3.878379 -1.750993  53 1 0 -2.648179 -4.929157 0.734120  54 1 0 -1.810722 -4.771914 2.269614  55 1 0 1.947788 4.858377 -2.249733  56 1 0 2.609962 5.056914 -0.635542 |
| TM\_NP\_model\_scan\_p\_130\_m\_120 | 1 6 0 1.340616 -0.338554 -0.309312  2 6 0 0.411999 -1.284699 0.122928  3 6 0 -0.911232 -0.954255 0.433641  4 6 0 -1.338271 0.388796 0.308284  5 6 0 -0.407063 1.334140 -0.124629  6 6 0 0.917472 1.004980 -0.429263  7 6 0 -2.744787 0.836165 0.538345  8 6 0 -2.964652 1.914867 1.376004  9 6 0 -4.258550 2.420961 1.617093  10 6 0 -5.344626 1.856768 0.998729  11 6 0 -5.175179 0.787120 0.083573  12 6 0 -3.859810 0.277488 -0.176979  13 6 0 -3.723003 -0.726955 -1.174316  14 6 0 -4.817657 -1.232760 -1.833504  15 6 0 -6.115991 -0.761983 -1.537734  16 6 0 -6.285024 0.230165 -0.605085  17 6 0 2.739697 -0.787068 -0.582915  18 6 0 3.854844 -0.322578 0.192605  19 6 0 5.165469 -0.817310 -0.112948  20 6 0 5.328827 -1.772035 -1.149000  21 6 0 4.242490 -2.236869 -1.844936  22 6 0 2.951192 -1.748310 -1.553017  23 6 0 3.718483 0.580823 1.281805  24 6 0 4.812125 0.996710 2.002718  25 6 0 6.106015 0.532672 1.677088  26 6 0 6.273754 -0.357072 0.645622  27 6 0 -1.796018 -1.998765 0.993358  28 7 0 -1.489211 -3.230743 0.968350  29 6 0 -2.405721 -4.173972 1.576326  30 6 0 1.817299 2.053538 -0.955141  31 7 0 1.501938 3.283689 -0.944047  32 6 0 2.439204 4.233025 -1.509314  33 1 0 0.715451 -2.314740 0.262335  34 1 0 -0.710452 2.362978 -0.271788  35 1 0 -2.120573 2.358243 1.891899  36 1 0 -4.386147 3.252760 2.300523  37 1 0 -6.345520 2.230884 1.186527  38 1 0 -2.736294 -1.089904 -1.428562  39 1 0 -4.682663 -1.994184 -2.593483  40 1 0 -6.972165 -1.174373 -2.059541  41 1 0 -7.275170 0.616745 -0.386951  42 1 0 6.326115 -2.136549 -1.371754  43 1 0 4.367420 -2.977505 -2.626714  44 1 0 2.104283 -2.115302 -2.121725  45 1 0 2.732987 0.936141 1.553212  46 1 0 4.680899 1.681571 2.832958  47 1 0 6.961043 0.872179 2.250773  48 1 0 7.261470 -0.732448 0.398779  49 1 0 -2.728467 -1.647398 1.452719  50 1 0 -3.301969 -3.705488 2.009649  51 1 0 2.771817 1.708377 -1.371900  52 1 0 3.357893 3.770575 -1.900066  53 1 0 -2.716950 -4.906762 0.825090  54 1 0 -1.881232 -4.730618 2.359522  55 1 0 1.947882 4.785447 -2.316634  56 1 0 2.709838 4.968546 -0.745132 |
| TM\_NP\_model\_scan\_p\_130\_m\_130 | 1 6 0 1.337213 0.384119 0.308582  2 6 0 0.393211 1.316870 -0.124452  3 6 0 -0.927216 0.972334 -0.428688  4 6 0 -1.337440 -0.376236 -0.308220  5 6 0 -0.393942 -1.309193 0.124565  6 6 0 0.926249 -0.964382 0.429994  7 6 0 -2.737294 -0.842128 -0.540616  8 6 0 -2.940824 -1.921272 -1.381925  9 6 0 -4.227103 -2.444797 -1.626297  10 6 0 -5.321743 -1.898198 -1.007183  11 6 0 -5.168443 -0.829647 -0.087916  12 6 0 -3.860798 -0.301932 0.175535  13 6 0 -3.739142 0.700449 1.176940  14 6 0 -4.841410 1.187175 1.837815  15 6 0 -6.132568 0.698620 1.539405  16 6 0 -6.286680 -0.291791 0.602341  17 6 0 2.738450 0.849891 0.532606  18 6 0 3.861810 0.294399 -0.172858  19 6 0 5.170222 0.825060 0.081487  20 6 0 5.324664 1.912647 0.977818  21 6 0 4.230157 2.475221 1.582659  22 6 0 2.943511 1.948482 1.348422  23 6 0 3.740107 -0.724792 -1.157211  24 6 0 4.842446 -1.226113 -1.806957  25 6 0 6.134313 -0.735941 -1.514598  26 6 0 6.288633 0.271645 -0.596156  27 6 0 -1.825452 2.008353 -0.983053  28 7 0 -1.534987 3.244086 -0.950028  29 6 0 -2.463495 4.179066 -1.552548  30 6 0 1.821578 -1.999556 0.990892  31 7 0 1.532201 -3.235505 0.957055  32 6 0 2.456824 -4.169181 1.567528  33 1 0 0.684288 2.348461 -0.276469  34 1 0 -0.685132 -2.341024 0.275014  35 1 0 -2.089875 -2.350789 -1.898258  36 1 0 -4.342155 -3.275904 -2.312790  37 1 0 -6.317027 -2.285786 -1.197460  38 1 0 -2.757948 1.076662 1.433294  39 1 0 -4.718007 1.947075 2.601281  40 1 0 -6.994898 1.096071 2.062667  41 1 0 -7.270965 -0.691859 0.382012  42 1 0 6.320522 2.302137 1.161052  43 1 0 4.345654 3.321327 2.250493  44 1 0 2.093216 2.390657 1.855023  45 1 0 2.758796 -1.102661 -1.410177  46 1 0 4.718321 -1.998899 -2.557259  47 1 0 6.996749 -1.145165 -2.028520  48 1 0 7.273262 0.674043 -0.381697  49 1 0 -2.753009 1.647571 -1.444985  50 1 0 -3.354014 3.701770 -1.988011  51 1 0 2.745592 -1.637660 1.459063  52 1 0 3.343732 -3.690785 2.009108  53 1 0 -2.783552 4.903841 -0.797247  54 1 0 -1.946433 4.746456 -2.332957  55 1 0 1.934348 -4.736068 2.344703  56 1 0 2.783016 -4.894566 0.815455 |
| TM\_NP\_model\_scan\_p\_130\_m\_140 | 1 6 0 1.336239 0.412464 0.330209  2 6 0 0.380891 1.340706 -0.093575  3 6 0 -0.936439 0.991483 -0.402093  4 6 0 -1.335444 -0.362417 -0.308730  5 6 0 -0.383879 -1.292766 0.110685  6 6 0 0.932400 -0.941748 0.425655  7 6 0 -2.729666 -0.836999 -0.554532  8 6 0 -2.919957 -1.902038 -1.416693  9 6 0 -4.200454 -2.432431 -1.676080  10 6 0 -5.302429 -1.907376 -1.051311  11 6 0 -5.162455 -0.855016 -0.111433  12 6 0 -3.860758 -0.320378 0.166979  13 6 0 -3.751933 0.664043 1.187488  14 6 0 -4.861042 1.127633 1.853588  15 6 0 -6.146505 0.632849 1.541169  16 6 0 -6.288104 -0.340812 0.584739  17 6 0 2.741806 0.886018 0.506829  18 6 0 3.867702 0.269225 -0.147804  19 6 0 5.175828 0.825130 0.054698  20 6 0 5.328605 2.004179 0.825892  21 6 0 4.230423 2.635708 1.350418  22 6 0 2.946895 2.083004 1.173812  23 6 0 3.753092 -0.824798 -1.049761  24 6 0 4.858107 -1.380319 -1.648983  25 6 0 6.149933 -0.873873 -1.387638  26 6 0 6.298393 0.210939 -0.561505  27 6 0 -1.841466 2.030024 -0.941032  28 7 0 -1.560851 3.267211 -0.885821  29 6 0 -2.494806 4.205225 -1.475372  30 6 0 1.815447 -1.975214 1.011380  31 7 0 1.540010 -3.213333 0.955300  32 6 0 2.444764 -4.142898 1.601061  33 1 0 0.662054 2.375043 -0.242898  34 1 0 -0.666168 -2.328951 0.247316  35 1 0 -2.063039 -2.314016 -1.937423  36 1 0 -4.305283 -3.251481 -2.378514  37 1 0 -6.293404 -2.300255 -1.252892  38 1 0 -2.775211 1.044430 1.454625  39 1 0 -4.747464 1.873793 2.631985  40 1 0 -7.014317 1.012119 2.068845  41 1 0 -7.267833 -0.745688 0.353196  42 1 0 6.324335 2.409843 0.970301  43 1 0 4.340877 3.555949 1.912654  44 1 0 2.097581 2.580646 1.627467  45 1 0 2.774528 -1.217327 -1.287197  46 1 0 4.734568 -2.208452 -2.337774  47 1 0 7.014987 -1.328124 -1.857397  48 1 0 7.281286 0.632863 -0.379112  49 1 0 -2.765119 1.670088 -1.411345  50 1 0 -3.381726 3.728747 -1.918980  51 1 0 2.713872 -1.608306 1.523721  52 1 0 3.305594 -3.659401 2.086501  53 1 0 -2.820287 4.916614 -0.709779  54 1 0 -1.980507 4.787299 -2.246765  55 1 0 1.892785 -4.720704 2.349226  56 1 0 2.812654 -4.859164 0.859527 |
| TM\_NP\_model\_scan\_p\_130\_p\_20 | 1 6 0 -1.458770 0.491416 -0.080193  2 6 0 -0.708487 -0.626272 -0.475848  3 6 0 0.679730 -0.616141 -0.628370  4 6 0 1.390905 0.588122 -0.427999  5 6 0 0.653128 1.717633 -0.073720  6 6 0 -0.734476 1.703522 0.090463  7 6 0 2.875884 0.705297 -0.512997  8 6 0 3.411554 1.711794 -1.296925  9 6 0 4.803134 1.908319 -1.409715  10 6 0 5.670490 1.102691 -0.717383  11 6 0 5.178546 0.091699 0.146457  12 6 0 3.763415 -0.103287 0.277694  13 6 0 3.310288 -1.059238 1.227991  14 6 0 4.195786 -1.810720 1.962781  15 6 0 5.588727 -1.649255 1.793951  16 6 0 6.064232 -0.713459 0.910249  17 6 0 -2.941055 0.439799 -0.253306  18 6 0 -3.725393 -0.707764 0.149670  19 6 0 -5.141894 -0.698643 -0.085017  20 6 0 -5.763201 0.462730 -0.608828  21 6 0 -5.021377 1.585552 -0.863108  22 6 0 -3.626330 1.573404 -0.664966  23 6 0 -3.191078 -1.835245 0.833365  24 6 0 -3.976940 -2.908904 1.180394  25 6 0 -5.352740 -2.925457 0.869394  26 6 0 -5.919650 -1.834853 0.260798  27 6 0 1.346939 -1.835399 -1.135138  28 7 0 0.767573 -2.965127 -1.151595  29 6 0 1.487843 -4.093647 -1.706113  30 6 0 -1.355976 2.929322 0.645000  31 7 0 -0.831501 4.078261 0.510086  32 6 0 -1.473193 5.201059 1.164668  33 1 0 -1.208105 -1.543470 -0.752426  34 1 0 1.162936 2.651002 0.127561  35 1 0 2.741320 2.341435 -1.870997  36 1 0 5.179250 2.694411 -2.054544  37 1 0 6.743238 1.237639 -0.806910  38 1 0 2.247733 -1.186724 1.385440  39 1 0 3.821923 -2.528139 2.684620  40 1 0 6.276900 -2.253427 2.374274  41 1 0 7.132193 -0.564018 0.789705  42 1 0 -6.834157 0.452182 -0.781365  43 1 0 -5.494651 2.485742 -1.238447  44 1 0 -3.067474 2.449853 -0.964444  45 1 0 -2.147975 -1.845634 1.113065  46 1 0 -3.533870 -3.746811 1.706698  47 1 0 -5.959044 -3.784419 1.133737  48 1 0 -6.983895 -1.813152 0.050417  49 1 0 2.368129 -1.706214 -1.515357  50 1 0 2.498683 -3.843512 -2.061232  51 1 0 -2.277506 2.783183 1.224018  52 1 0 -2.386427 4.930852 1.716480  53 1 0 1.562605 -4.879448 -0.947797  54 1 0 0.912458 -4.513246 -2.537420  55 1 0 -0.765405 5.664746 1.859183  56 1 0 -1.721602 5.960799 0.416800 |
| TM\_NP\_model\_scan\_p\_130\_p\_30 | 1 6 0 -1.455948 0.470701 -0.163614  2 6 0 -0.693915 -0.633109 -0.567488  3 6 0 0.696740 -0.602327 -0.693389  4 6 0 1.390364 0.602529 -0.434691  5 6 0 0.636482 1.713871 -0.057685  6 6 0 -0.755195 1.682113 0.072397  7 6 0 2.876341 0.734967 -0.481413  8 6 0 3.420686 1.772304 -1.217614  9 6 0 4.812596 1.985282 -1.290085  10 6 0 5.671284 1.164116 -0.605302  11 6 0 5.168949 0.119287 0.210960  12 6 0 3.753052 -0.092374 0.301940  13 6 0 3.287236 -1.085249 1.207084  14 6 0 4.162486 -1.855362 1.934795  15 6 0 5.557375 -1.676322 1.804189  16 6 0 6.044311 -0.705148 0.966083  17 6 0 -2.938639 0.406159 -0.314137  18 6 0 -3.712147 -0.712532 0.168448  19 6 0 -5.131048 -0.720451 -0.047162  20 6 0 -5.755862 0.393776 -0.661817  21 6 0 -5.015557 1.487049 -1.028599  22 6 0 -3.618957 1.493545 -0.839037  23 6 0 -3.156565 -1.795229 0.904560  24 6 0 -3.933453 -2.843046 1.338652  25 6 0 -5.317922 -2.873847 1.066611  26 6 0 -5.900274 -1.828173 0.396293  27 6 0 1.389008 -1.796720 -1.225161  28 7 0 0.820599 -2.929599 -1.300225  29 6 0 1.566299 -4.031167 -1.874592  30 6 0 -1.418669 2.885718 0.623778  31 7 0 -0.887167 4.038207 0.568541  32 6 0 -1.581568 5.139347 1.205645  33 1 0 -1.184451 -1.550439 -0.863129  34 1 0 1.134016 2.643695 0.186424  35 1 0 2.758119 2.415358 -1.785666  36 1 0 5.196014 2.796598 -1.898346  37 1 0 6.744475 1.311633 -0.664482  38 1 0 2.222551 -1.227127 1.334847  39 1 0 3.778777 -2.601594 2.621389  40 1 0 6.237623 -2.295383 2.378134  41 1 0 7.113329 -0.542489 0.875805  42 1 0 -6.828815 0.371091 -0.820446  43 1 0 -5.493044 2.347844 -1.482804  44 1 0 -3.055597 2.342795 -1.204459  45 1 0 -2.103652 -1.788505 1.147617  46 1 0 -3.478110 -3.649754 1.901957  47 1 0 -5.917892 -3.711387 1.404114  48 1 0 -6.968651 -1.822911 0.206805  49 1 0 2.419166 -1.645351 -1.571363  50 1 0 2.584970 -3.760900 -2.190313  51 1 0 -2.383299 2.721687 1.121287  52 1 0 -2.536385 4.852012 1.671682  53 1 0 1.625367 -4.844259 -1.144136  54 1 0 1.018878 -4.423731 -2.737425  55 1 0 -0.933264 5.578596 1.970618  56 1 0 -1.769076 5.924014 0.465793 |
| TM\_NP\_model\_scan\_p\_130\_p\_40 | 1 6 0 -1.453658 0.452957 -0.247048  2 6 0 -0.680210 -0.637632 -0.657728  3 6 0 0.712458 -0.589270 -0.756486  4 6 0 1.388830 0.614003 -0.445271  5 6 0 0.619691 1.707552 -0.047742  6 6 0 -0.774717 1.660259 0.050581  7 6 0 2.874791 0.759406 -0.455820  8 6 0 3.425901 1.823298 -1.147709  9 6 0 4.817049 2.050609 -1.181984  10 6 0 5.667784 1.216983 -0.502393  11 6 0 5.156906 0.144028 0.270933  12 6 0 3.741380 -0.082845 0.322798  13 6 0 3.264635 -1.106176 1.187334  14 6 0 4.130346 -1.889765 1.912044  15 6 0 5.526083 -1.694543 1.819072  16 6 0 6.022690 -0.694617 1.021436  17 6 0 -2.937322 0.373003 -0.375508  18 6 0 -3.697560 -0.710489 0.190436  19 6 0 -5.117428 -0.742033 -0.012732  20 6 0 -5.748734 0.310807 -0.722187  21 6 0 -5.014117 1.366247 -1.197438  22 6 0 -3.616757 1.397430 -1.012836  23 6 0 -3.121518 -1.736653 0.988503  24 6 0 -3.886759 -2.752775 1.509199  25 6 0 -5.276597 -2.803669 1.266027  26 6 0 -5.874905 -1.814445 0.527035  27 6 0 1.428303 -1.760837 -1.307528  28 7 0 0.870716 -2.894328 -1.435962  29 6 0 1.640327 -3.971367 -2.025005  30 6 0 -1.475393 2.843643 0.597020  31 7 0 -0.938550 3.994674 0.625760  32 6 0 -1.680398 5.076818 1.241095  33 1 0 -1.161326 -1.554860 -0.971311  34 1 0 1.104945 2.632758 0.235735  35 1 0 2.770289 2.477542 -1.711024  36 1 0 5.206371 2.883206 -1.756833  37 1 0 6.740598 1.375545 -0.532668  38 1 0 2.198707 -1.261238 1.286129  39 1 0 3.738247 -2.659459 2.567281  40 1 0 6.198927 -2.324295 2.390105  41 1 0 7.091884 -0.519869 0.960603  42 1 0 -6.822537 0.271030 -0.871642  43 1 0 -5.497875 2.177068 -1.730209  44 1 0 -3.052712 2.216466 -1.442631  45 1 0 -2.061940 -1.709607 1.202130  46 1 0 -3.419442 -3.519058 2.117377  47 1 0 -5.867720 -3.615040 1.675452  48 1 0 -6.945711 -1.829726 0.352360  49 1 0 2.466276 -1.591302 -1.620265  50 1 0 2.665946 -3.684734 -2.301349  51 1 0 -2.477668 2.667171 1.007523  52 1 0 -2.670067 4.778263 1.618962  53 1 0 1.683537 -4.808413 -1.321013  54 1 0 1.121008 -4.337410 -2.916402  55 1 0 -1.094954 5.487943 2.069723  56 1 0 -1.806558 5.886018 0.514793 |
| TM\_NP\_model\_scan\_p\_130\_p\_50 | 1 6 0 -1.452284 0.436811 -0.333149  2 6 0 -0.666092 -0.639782 -0.750329  3 6 0 0.728084 -0.575464 -0.820774  4 6 0 1.386374 0.624632 -0.459601  5 6 0 0.601123 1.700512 -0.045983  6 6 0 -0.795097 1.638777 0.020072  7 6 0 2.871358 0.781455 -0.432335  8 6 0 3.429266 1.868859 -1.080766  9 6 0 4.818777 2.108584 -1.075431  10 6 0 5.660469 1.263847 -0.398392  11 6 0 5.140816 0.166224 0.333350  12 6 0 3.726576 -0.074128 0.344298  13 6 0 3.238540 -1.124351 1.169369  14 6 0 4.093581 -1.919324 1.894316  15 6 0 5.489292 -1.709514 1.841120  16 6 0 5.995863 -0.684553 1.082484  17 6 0 -2.937034 0.335737 -0.442895  18 6 0 -3.679502 -0.702333 0.216558  19 6 0 -5.099458 -0.768036 0.025062  20 6 0 -5.742595 0.203223 -0.783632  21 6 0 -5.019404 1.209705 -1.370608  22 6 0 -3.621832 1.275166 -1.192859  23 6 0 -3.080344 -1.653459 1.086857  24 6 0 -3.828706 -2.629171 1.700470  25 6 0 -5.221745 -2.710143 1.482206  26 6 0 -5.839525 -1.795492 0.666702  27 6 0 1.467262 -1.724226 -1.388629  28 7 0 0.920667 -2.855470 -1.572532  29 6 0 1.714713 -3.907582 -2.173959  30 6 0 -1.530044 2.804348 0.557351  31 7 0 -0.990863 3.948955 0.672479  32 6 0 -1.775386 5.016133 1.259756  33 1 0 -1.136132 -1.556688 -1.082815  34 1 0 1.072806 2.621012 0.273616  35 1 0 2.781425 2.533195 -1.641242  36 1 0 5.214189 2.959920 -1.617769  37 1 0 6.732237 1.432067 -0.398520  38 1 0 2.172027 -1.291315 1.237803  39 1 0 3.692868 -2.709543 2.519214  40 1 0 6.153800 -2.348315 2.411865  41 1 0 7.064541 -0.498958 1.052568  42 1 0 -6.816570 0.139353 -0.923478  43 1 0 -5.513175 1.954708 -1.984196  44 1 0 -3.063337 2.056872 -1.694706  45 1 0 -2.016324 -1.599738 1.274524  46 1 0 -3.346759 -3.340436 2.361759  47 1 0 -5.799860 -3.488318 1.967647  48 1 0 -6.911639 -1.838812 0.505144  49 1 0 2.513059 -1.539117 -1.664229  50 1 0 2.748091 -3.607733 -2.403411  51 1 0 -2.563882 2.621801 0.875959  52 1 0 -2.794583 4.713730 1.544301  53 1 0 1.736796 -4.770413 -1.500810  54 1 0 1.228220 -4.241294 -3.096077  55 1 0 -1.258293 5.395458 2.146948  56 1 0 -1.836394 5.849421 0.552497 |
| TM\_NP\_model\_scan\_p\_130\_p\_60 | 1 6 0 -1.451659 0.415229 -0.431846  2 6 0 -0.647647 -0.645093 -0.852009  3 6 0 0.747194 -0.562683 -0.890649  4 6 0 1.382734 0.635186 -0.482601  5 6 0 0.576987 1.693184 -0.062892  6 6 0 -0.820133 1.614897 -0.033543  7 6 0 2.865194 0.804522 -0.411759  8 6 0 3.430508 1.912064 -1.018169  9 6 0 4.817052 2.163811 -0.968389  10 6 0 5.647523 1.310888 -0.287822  11 6 0 5.118089 0.192074 0.403698  12 6 0 3.706494 -0.061255 0.368795  13 6 0 3.205680 -1.135018 1.155068  14 6 0 4.047519 -1.938409 1.886111  15 6 0 5.442023 -1.714367 1.878069  16 6 0 5.959845 -0.667774 1.157507  17 6 0 -2.936565 0.281986 -0.529367  18 6 0 -3.655292 -0.688994 0.243964  19 6 0 -5.074218 -0.801701 0.071258  20 6 0 -5.736108 0.054621 -0.844976  21 6 0 -5.031583 0.992382 -1.556154  22 6 0 -3.634408 1.105197 -1.392735  23 6 0 -3.028151 -1.531133 1.201964  24 6 0 -3.753000 -2.445972 1.927168  25 6 0 -5.147484 -2.569786 1.737810  26 6 0 -5.789993 -1.762523 0.832688  27 6 0 1.513594 -1.688213 -1.468678  28 7 0 0.981918 -2.816299 -1.707791  29 6 0 1.804363 -3.842766 -2.315390  30 6 0 -1.590784 2.763414 0.488114  31 7 0 -1.054748 3.894614 0.705462  32 6 0 -1.883652 4.947108 1.256822  33 1 0 -1.101923 -1.563344 -1.203208  34 1 0 1.030555 2.611200 0.288715  35 1 0 2.792203 2.584021 -1.580491  36 1 0 5.219355 3.031172 -1.479361  37 1 0 6.717239 1.488522 -0.254037  38 1 0 2.139416 -1.313758 1.188760  39 1 0 3.637051 -2.746557 2.481048  40 1 0 6.096223 -2.359871 2.453166  41 1 0 7.027064 -0.471728 1.162385  42 1 0 -6.809365 -0.042813 -0.970278  43 1 0 -5.540243 1.647099 -2.254720  44 1 0 -3.089928 1.835868 -1.980371  45 1 0 -1.961635 -1.442494 1.362348  46 1 0 -3.252246 -3.076379 2.653334  47 1 0 -5.707003 -3.298378 2.313620  48 1 0 -6.862422 -1.843349 0.688511  49 1 0 2.566810 -1.488143 -1.702284  50 1 0 2.843977 -3.530093 -2.494095  51 1 0 -2.652504 2.581392 0.695527  52 1 0 -2.930492 4.648977 1.419274  53 1 0 1.805506 -4.729294 -1.673463  54 1 0 1.355421 -4.144945 -3.267014  55 1 0 -1.457711 5.277030 2.209812  56 1 0 -1.860272 5.812408 0.586777 |
| TM\_NP\_model\_scan\_p\_130\_p\_70 | 1 6 0 -1.448297 0.374276 -0.519061  2 6 0 -0.624186 -0.670584 -0.934444  3 6 0 0.770512 -0.568353 -0.942384  4 6 0 1.380341 0.632677 -0.505150  5 6 0 0.552072 1.674037 -0.087126  6 6 0 -0.844044 1.575089 -0.087911  7 6 0 2.858769 0.821359 -0.400865  8 6 0 3.420839 1.944669 -0.980564  9 6 0 4.802271 2.215439 -0.897857  10 6 0 5.629999 1.366422 -0.209243  11 6 0 5.101813 0.232299 0.457909  12 6 0 3.695266 -0.041216 0.388377  13 6 0 3.193015 -1.131065 1.151248  14 6 0 4.029977 -1.929433 1.893336  15 6 0 5.420731 -1.684506 1.919852  16 6 0 5.939060 -0.622996 1.221795  17 6 0 -2.932500 0.210116 -0.612111  18 6 0 -3.641008 -0.665424 0.273461  19 6 0 -5.056673 -0.821315 0.109763  20 6 0 -5.722726 -0.103304 -0.916052  21 6 0 -5.024776 0.738027 -1.744691  22 6 0 -3.629943 0.892222 -1.589432  23 6 0 -3.003108 -1.376043 1.326124  24 6 0 -3.717348 -2.205157 2.157075  25 6 0 -5.110192 -2.368126 1.983990  26 6 0 -5.761546 -1.688817 0.984684  27 6 0 1.565134 -1.677145 -1.514429  28 7 0 1.054054 -2.809051 -1.779206  29 6 0 1.904955 -3.818566 -2.375691  30 6 0 -1.649721 2.709017 0.410826  31 7 0 -1.132317 3.834096 0.694384  32 6 0 -2.001390 4.875630 1.202906  33 1 0 -1.059946 -1.592866 -1.298588  34 1 0 0.985391 2.594163 0.284107  35 1 0 2.785206 2.614556 -1.548362  36 1 0 5.202868 3.094533 -1.389765  37 1 0 6.696023 1.558908 -0.149826  38 1 0 2.129183 -1.326517 1.158098  39 1 0 3.618273 -2.749882 2.470318  40 1 0 6.071255 -2.326061 2.503469  41 1 0 7.002813 -0.411183 1.253164  42 1 0 -6.793868 -0.230540 -1.032722  43 1 0 -5.536906 1.284522 -2.528590  44 1 0 -3.089459 1.548503 -2.262530  45 1 0 -1.936894 -1.256320 1.469777  46 1 0 -3.210038 -2.737986 2.953482  47 1 0 -5.661437 -3.027478 2.644950  48 1 0 -6.832054 -1.803763 0.849540  49 1 0 2.621370 -1.461757 -1.718972  50 1 0 2.944119 -3.490085 -2.526751  51 1 0 -2.723958 2.522690 0.533865  52 1 0 -3.056491 4.573464 1.283580  53 1 0 1.903257 -4.710556 -1.741305  54 1 0 1.483148 -4.118827 -3.340251  55 1 0 -1.646251 5.189319 2.189742  56 1 0 -1.931533 5.752473 0.551311 |
| TM\_NP\_model\_scan\_p\_130\_p\_80 | 1 6 0 -1.438511 0.280956 -0.601573  2 6 0 -0.583479 -0.750402 -0.983083  3 6 0 0.808807 -0.614088 -0.965844  4 6 0 1.380581 0.606989 -0.533027  5 6 0 0.519569 1.636101 -0.151528  6 6 0 -0.873298 1.504146 -0.182829  7 6 0 2.851777 0.831743 -0.400594  8 6 0 3.400114 1.959820 -0.984224  9 6 0 4.772947 2.263481 -0.876918  10 6 0 5.605385 1.442792 -0.160186  11 6 0 5.089601 0.305252 0.510793  12 6 0 3.691320 -0.001325 0.416610  13 6 0 3.198783 -1.093543 1.182492  14 6 0 4.038558 -1.863679 1.950743  15 6 0 5.422549 -1.586413 2.002119  16 6 0 5.930476 -0.521359 1.301856  17 6 0 -2.918480 0.073669 -0.705114  18 6 0 -3.638890 -0.628728 0.313412  19 6 0 -5.048858 -0.830427 0.153485  20 6 0 -5.696151 -0.329424 -1.005041  21 6 0 -4.985407 0.346285 -1.964131  22 6 0 -3.595737 0.547342 -1.810118  23 6 0 -3.014639 -1.125886 1.489226  24 6 0 -3.739367 -1.790805 2.448814  25 6 0 -5.127983 -1.995501 2.285180  26 6 0 -5.764563 -1.524955 1.163445  27 6 0 1.640888 -1.710256 -1.508004  28 7 0 1.161045 -2.855071 -1.776044  29 6 0 2.048379 -3.850091 -2.343233  30 6 0 -1.721922 2.630264 0.257635  31 7 0 -1.237040 3.760378 0.576064  32 6 0 -2.150801 4.796256 1.012512  33 1 0 -0.990826 -1.689827 -1.336093  34 1 0 0.922942 2.573597 0.210040  35 1 0 2.761348 2.607369 -1.573987  36 1 0 5.163527 3.145155 -1.372259  37 1 0 6.665258 1.660668 -0.081523  38 1 0 2.139883 -1.313944 1.170015  39 1 0 3.634078 -2.686843 2.528958  40 1 0 6.075633 -2.206100 2.606150  41 1 0 6.988262 -0.284691 1.351840  42 1 0 -6.763263 -0.489409 -1.118476  43 1 0 -5.483664 0.727213 -2.848478  44 1 0 -3.045488 1.076527 -2.580192  45 1 0 -1.950848 -0.973882 1.622253  46 1 0 -3.243997 -2.161934 3.338984  47 1 0 -5.687695 -2.523716 3.048866  48 1 0 -6.831096 -1.676366 1.032871  49 1 0 2.696858 -1.473747 -1.689017  50 1 0 3.082752 -3.498747 -2.474484  51 1 0 -2.800778 2.433997 0.301068  52 1 0 -3.206101 4.484383 1.017015  53 1 0 2.053183 -4.735656 -1.699935  54 1 0 1.655436 -4.169400 -3.313839  55 1 0 -1.872190 5.118991 2.020745  56 1 0 -2.041119 5.669911 0.362107 |
| TM\_NP\_model\_scan\_p\_130\_p\_90 | 1 6 0 -1.429581 0.167599 -0.688247  2 6 0 -0.544832 -0.856524 -1.015708  3 6 0 0.843690 -0.685345 -0.982124  4 6 0 1.378858 0.565361 -0.590120  5 6 0 0.487425 1.590342 -0.271757  6 6 0 -0.900842 1.423178 -0.320449  7 6 0 2.841478 0.828346 -0.434230  8 6 0 3.380399 1.941836 -1.053361  9 6 0 4.742922 2.281400 -0.924385  10 6 0 5.573614 1.512481 -0.150517  11 6 0 5.065381 0.393196 0.556068  12 6 0 3.677153 0.050636 0.439757  13 6 0 3.188704 -1.018826 1.239632  14 6 0 4.024647 -1.736114 2.061367  15 6 0 5.400327 -1.425011 2.135862  16 6 0 5.902897 -0.379097 1.403633  17 6 0 -2.903533 -0.089491 -0.770998  18 6 0 -3.627235 -0.578042 0.363515  19 6 0 -5.032591 -0.827740 0.236783  20 6 0 -5.671571 -0.587340 -1.006753  21 6 0 -4.956175 -0.121237 -2.080231  22 6 0 -3.570465 0.127319 -1.958794  23 6 0 -3.007560 -0.823530 1.618453  24 6 0 -3.733907 -1.290487 2.687379  25 6 0 -5.119357 -1.537859 2.559696  26 6 0 -5.750653 -1.311008 1.361695  27 6 0 1.711882 -1.783413 -1.459223  28 7 0 1.265557 -2.950913 -1.684039  29 6 0 2.188915 -3.948184 -2.185867  30 6 0 -1.785732 2.551969 0.032557  31 7 0 -1.332698 3.697385 0.342869  32 6 0 -2.282080 4.738556 0.679195  33 1 0 -0.923928 -1.821655 -1.328535  34 1 0 0.862144 2.553751 0.050494  35 1 0 2.743568 2.548240 -1.687304  36 1 0 5.127213 3.149347 -1.448077  37 1 0 6.625840 1.758347 -0.053760  38 1 0 2.135572 -1.263878 1.210150  39 1 0 3.623050 -2.543015 2.663972  40 1 0 6.050778 -2.003089 2.782480  41 1 0 6.953506 -0.116059 1.470414  42 1 0 -6.735730 -0.780076 -1.094008  43 1 0 -5.448012 0.059086 -3.029458  44 1 0 -3.017492 0.494673 -2.816105  45 1 0 -1.945751 -0.639047 1.724272  46 1 0 -3.242117 -1.472413 3.636373  47 1 0 -5.680522 -1.907745 3.410451  48 1 0 -6.814101 -1.499572 1.256821  49 1 0 2.765351 -1.528686 -1.630196  50 1 0 3.215192 -3.574875 -2.320056  51 1 0 -2.863373 2.345246 0.012466  52 1 0 -3.332616 4.415583 0.625631  53 1 0 2.208040 -4.798389 -1.496710  54 1 0 1.820689 -4.328843 -3.143929  55 1 0 -2.073574 5.101187 1.690762  56 1 0 -2.136815 5.588757 0.005084 |
| TM\_NP\_model\_scan\_p\_130\_p\_100 | 1 6 0 -1.415106 0.010776 -0.711860  2 6 0 -0.503482 -1.017364 -0.937456  3 6 0 0.880372 -0.810354 -0.912177  4 6 0 1.383009 0.483947 -0.637198  5 6 0 0.465048 1.512326 -0.420606  6 6 0 -0.918179 1.308218 -0.462008  7 6 0 2.837943 0.795486 -0.501361  8 6 0 3.354300 1.858729 -1.220006  9 6 0 4.707822 2.240869 -1.118803  10 6 0 5.551664 1.567353 -0.273550  11 6 0 5.065439 0.507859 0.533558  12 6 0 3.686081 0.123559 0.445416  13 6 0 3.216959 -0.875152 1.342545  14 6 0 4.064146 -1.490956 2.232276  15 6 0 5.432126 -1.142986 2.281081  16 6 0 5.915350 -0.160899 1.453640  17 6 0 -2.880541 -0.292338 -0.777348  18 6 0 -3.649309 -0.493693 0.414154  19 6 0 -5.045160 -0.796515 0.297296  20 6 0 -5.629971 -0.895974 -0.991368  21 6 0 -4.870666 -0.709249 -2.118123  22 6 0 -3.494663 -0.408637 -2.007263  23 6 0 -3.082375 -0.414244 1.714723  24 6 0 -3.851251 -0.613825 2.836149  25 6 0 -5.228876 -0.905408 2.718674  26 6 0 -5.808484 -0.995409 1.477293  27 6 0 1.778156 -1.927529 -1.276250  28 7 0 1.365321 -3.124564 -1.372993  29 6 0 2.316176 -4.142755 -1.771077  30 6 0 -1.831497 2.449276 -0.247115  31 7 0 -1.406387 3.622164 -0.008434  32 6 0 -2.382016 4.675759 0.182831  33 1 0 -0.857455 -2.017316 -1.155992  34 1 0 0.814270 2.511517 -0.192353  35 1 0 2.707520 2.387244 -1.911000  36 1 0 5.075068 3.064623 -1.720306  37 1 0 6.597452 1.845724 -0.196980  38 1 0 2.169629 -1.145465 1.333418  39 1 0 3.677271 -2.245132 2.908335  40 1 0 6.091741 -1.641489 2.982340  41 1 0 6.959382 0.131368 1.498659  42 1 0 -6.687387 -1.126042 -1.069541  43 1 0 -5.320358 -0.789942 -3.101333  44 1 0 -2.907567 -0.260549 -2.906693  45 1 0 -2.025956 -0.198428 1.815347  46 1 0 -3.398400 -0.550704 3.819256  47 1 0 -5.824118 -1.061028 3.611388  48 1 0 -6.864741 -1.224008 1.379647  49 1 0 2.823197 -1.661836 -1.479689  50 1 0 3.330287 -3.755987 -1.951620  51 1 0 -2.904562 2.227932 -0.309468  52 1 0 -3.424997 4.335439 0.098587  53 1 0 2.363306 -4.912642 -0.994416  54 1 0 1.955935 -4.635317 -2.679902  55 1 0 -2.234463 5.126963 1.169174  56 1 0 -2.205673 5.466655 -0.553280 |
| TM\_NP\_model\_scan\_p\_130\_p\_110 | 1 6 0 -1.400914 -0.150570 -0.713002  2 6 0 -0.463997 -1.175760 -0.821794  3 6 0 0.914748 -0.936502 -0.820110  4 6 0 1.387725 0.390766 -0.688853  5 6 0 0.445823 1.416287 -0.596730  6 6 0 -0.932337 1.178728 -0.619134  7 6 0 2.834534 0.746089 -0.577036  8 6 0 3.339293 1.731926 -1.405802  9 6 0 4.684488 2.149181 -1.335738  10 6 0 5.530893 1.592001 -0.411929  11 6 0 5.054740 0.621400 0.505440  12 6 0 3.684068 0.202368 0.447580  13 6 0 3.222707 -0.698159 1.446791  14 6 0 4.070322 -1.192340 2.409066  15 6 0 5.430744 -0.813499 2.432275  16 6 0 5.905817 0.078203 1.503877  17 6 0 -2.855641 -0.500858 -0.724873  18 6 0 -3.659985 -0.399597 0.457311  19 6 0 -5.044483 -0.763636 0.388164  20 6 0 -5.582669 -1.228133 -0.839441  21 6 0 -4.788262 -1.336716 -1.952006  22 6 0 -3.424692 -0.974460 -1.890044  23 6 0 -3.139456 0.031900 1.707413  24 6 0 -3.942873 0.117848 2.819024  25 6 0 -5.311201 -0.225856 2.743798  26 6 0 -5.845130 -0.659133 1.555595  27 6 0 1.837434 -2.067269 -1.059299  28 7 0 1.445783 -3.275224 -1.046454  29 6 0 2.418172 -4.310203 -1.333488  30 6 0 -1.867513 2.321746 -0.566737  31 7 0 -1.467584 3.517597 -0.413975  32 6 0 -2.461167 4.571537 -0.389518  33 1 0 -0.793535 -2.202743 -0.919929  34 1 0 0.771810 2.443209 -0.488536  35 1 0 2.691014 2.167184 -2.157764  36 1 0 5.043354 2.907059 -2.022834  37 1 0 6.570507 1.897420 -0.357691  38 1 0 2.181062 -0.989404 1.457284  39 1 0 3.689583 -1.873111 3.162159  40 1 0 6.090646 -1.216281 3.192347  41 1 0 6.943481 0.394687 1.526283  42 1 0 -6.631998 -1.500789 -0.880640  43 1 0 -5.201183 -1.697252 -2.887383  44 1 0 -2.811296 -1.057054 -2.780207  45 1 0 -2.090535 0.289942 1.780081  46 1 0 -3.523737 0.447550 3.763034  47 1 0 -5.934437 -0.152326 3.627898  48 1 0 -6.892965 -0.933827 1.491765  49 1 0 2.881008 -1.804111 -1.272766  50 1 0 3.429727 -3.925773 -1.532394  51 1 0 -2.932491 2.081714 -0.676838  52 1 0 -3.493659 4.210903 -0.510012  53 1 0 2.462431 -5.005520 -0.489313  54 1 0 2.081200 -4.889105 -2.199421  55 1 0 -2.383620 5.115646 0.557144  56 1 0 -2.240885 5.291626 -1.184083 |
| TM\_NP\_model\_scan\_p\_130\_p\_120 | 1 6 0 -1.394406 -0.243738 -0.713830  2 6 0 -0.439942 -1.258633 -0.760981  3 6 0 0.934926 -1.000191 -0.769573  4 6 0 1.388968 0.338640 -0.710254  5 6 0 0.431451 1.353482 -0.684209  6 6 0 -0.942961 1.095752 -0.698197  7 6 0 2.829591 0.721260 -0.610874  8 6 0 3.325192 1.666697 -1.490760  9 6 0 4.663567 2.107467 -1.436752  10 6 0 5.512358 1.615532 -0.478634  11 6 0 5.044670 0.690712 0.488863  12 6 0 3.680620 0.248779 0.447308  13 6 0 3.226358 -0.600845 1.493243  14 6 0 4.075196 -1.027896 2.486074  15 6 0 5.429926 -0.628637 2.494913  16 6 0 5.897531 0.216701 1.520555  17 6 0 -2.839599 -0.623158 -0.670870  18 6 0 -3.667833 -0.329461 0.464186  19 6 0 -5.039588 -0.746221 0.447432  20 6 0 -5.539961 -1.460033 -0.671348  21 6 0 -4.718654 -1.766507 -1.725892  22 6 0 -3.369489 -1.352599 -1.717932  23 6 0 -3.182792 0.328552 1.627283  24 6 0 -4.008937 0.588957 2.694237  25 6 0 -5.367666 0.203915 2.661285  26 6 0 -5.866128 -0.452182 1.563641  27 6 0 1.874030 -2.130411 -0.937143  28 7 0 1.497157 -3.340849 -0.862028  29 6 0 2.485558 -4.377549 -1.079734  30 6 0 -1.889492 2.230006 -0.752179  31 7 0 -1.508382 3.436370 -0.640002  32 6 0 -2.509567 4.479222 -0.734367  33 1 0 -0.752897 -2.294939 -0.792244  34 1 0 0.741976 2.389938 -0.640369  35 1 0 2.675412 2.049664 -2.269424  36 1 0 5.015459 2.830959 -2.163398  37 1 0 6.546999 1.939062 -0.435843  38 1 0 2.188762 -0.905587 1.515346  39 1 0 3.699574 -1.670607 3.274321  40 1 0 6.091096 -0.978467 3.279685  41 1 0 6.930395 0.549154 1.530518  42 1 0 -6.580192 -1.768277 -0.672262  43 1 0 -5.099842 -2.323173 -2.574489  44 1 0 -2.737045 -1.589790 -2.565943  45 1 0 -2.141452 0.619584 1.674226  46 1 0 -3.613741 1.088758 3.571465  47 1 0 -6.009831 0.418716 3.507989  48 1 0 -6.904502 -0.765965 1.535624  49 1 0 2.916605 -1.866085 -1.153729  50 1 0 3.494485 -3.991901 -1.289099  51 1 0 -2.944153 1.973530 -0.912023  52 1 0 -3.530212 4.101163 -0.895251  53 1 0 2.528777 -5.023428 -0.197073  54 1 0 2.165833 -5.008762 -1.915083  55 1 0 -2.492982 5.076636 0.182678  56 1 0 -2.247507 5.155494 -1.554364 |
| TM\_NP\_model\_scan\_p\_130\_p\_130 | 1 6 0 -1.389765 -0.309723 -0.720224  2 6 0 -0.418021 -1.311017 -0.732119  3 6 0 0.952750 -1.035357 -0.746486  4 6 0 1.389760 0.310018 -0.720127  5 6 0 0.418020 1.311318 -0.731869  6 6 0 -0.952743 1.035657 -0.746323  7 6 0 2.824186 0.714610 -0.621622  8 6 0 3.313550 1.642753 -1.523204  9 6 0 4.645305 2.103274 -1.471590  10 6 0 5.493707 1.648472 -0.494951  11 6 0 5.031810 0.742691 0.493091  12 6 0 3.674222 0.280993 0.454010  13 6 0 3.224553 -0.547797 1.518499  14 6 0 4.072271 -0.937311 2.527597  15 6 0 5.421265 -0.519134 2.535064  16 6 0 5.883896 0.307264 1.542277  17 6 0 -2.824193 -0.714358 -0.621819  18 6 0 -3.674230 -0.281081 0.453967  19 6 0 -5.031774 -0.742942 0.492978  20 6 0 -5.493612 -1.648518 -0.495287  21 6 0 -4.645201 -2.103005 -1.472053  22 6 0 -3.313482 -1.642352 -1.523583  23 6 0 -3.224648 0.547527 1.518621  24 6 0 -4.072389 0.936687 2.527848  25 6 0 -5.421311 0.518318 2.535277  26 6 0 -5.883872 -0.307901 1.542297  27 6 0 1.906733 -2.157811 -0.879107  28 7 0 1.544309 -3.370743 -0.777840  29 6 0 2.547361 -4.399722 -0.962752  30 6 0 -1.906748 2.158107 -0.878754  31 7 0 -1.544298 3.371044 -0.777593  32 6 0 -2.547391 4.400039 -0.962240  33 1 0 -0.713980 -2.352635 -0.722740  34 1 0 0.713969 2.352935 -0.722271  35 1 0 2.664290 1.996037 -2.316189  36 1 0 4.992586 2.812159 -2.214661  37 1 0 6.523450 1.987419 -0.453374  38 1 0 2.191056 -0.866010 1.541977  39 1 0 3.699950 -1.564661 3.329650  40 1 0 6.081799 -0.839394 3.332882  41 1 0 6.912035 0.654116 1.550404  42 1 0 -6.523318 -1.987583 -0.453739  43 1 0 -4.992443 -2.811736 -2.215290  44 1 0 -2.664177 -1.995412 -2.316632  45 1 0 -2.191212 0.865921 1.542142  46 1 0 -3.700126 1.563926 3.330017  47 1 0 -6.081855 0.838257 3.333216  48 1 0 -6.911971 -0.654873 1.550389  49 1 0 2.947584 -1.885704 -1.094395  50 1 0 3.552772 -4.006326 -1.174524  51 1 0 -2.947652 1.885985 -1.093788  52 1 0 -3.552870 4.006649 -1.173700  53 1 0 2.592373 -5.022812 -0.063949  54 1 0 2.241934 -5.055481 -1.784418  55 1 0 -2.592132 5.023166 -0.063449  56 1 0 -2.242199 5.055762 -1.784021 |
| TM\_NP\_model\_scan\_p\_130\_p\_140 | 1 6 0 1.388656 0.342924 -0.740181  2 6 0 0.402231 1.332273 -0.740727  3 6 0 -0.965258 1.044440 -0.750395  4 6 0 -1.390587 -0.304422 -0.721446  5 6 0 -0.408363 -1.294909 -0.740425  6 6 0 0.959579 -1.006547 -0.762505  7 6 0 -2.820231 -0.722867 -0.615083  8 6 0 -3.305283 -1.655870 -1.514051  9 6 0 -4.632389 -2.128781 -1.455894  10 6 0 -5.480215 -1.681731 -0.475175  11 6 0 -5.021906 -0.771692 0.510619  12 6 0 -3.668937 -0.297197 0.464804  13 6 0 -3.221703 0.535472 1.527261  14 6 0 -4.067900 0.916604 2.540846  15 6 0 -5.412855 0.485819 2.554964  16 6 0 -5.872755 -0.344504 1.564179  17 6 0 2.812913 0.768760 -0.594758  18 6 0 3.683255 0.250860 0.429958  19 6 0 5.025458 0.752461 0.516893  20 6 0 5.447144 1.790036 -0.351527  21 6 0 4.570212 2.339868 -1.250746  22 6 0 3.258090 1.837873 -1.354935  23 6 0 3.267861 -0.687247 1.415410  24 6 0 4.135567 -1.152144 2.374424  25 6 0 5.474697 -0.705743 2.410880  26 6 0 5.901983 0.232392 1.506000  27 6 0 -1.929371 2.159543 -0.873712  28 7 0 -1.576469 3.375169 -0.771517  29 6 0 -2.589373 4.396313 -0.946080  30 6 0 1.915254 -2.122224 -0.942297  31 7 0 1.567176 -3.338405 -0.832357  32 6 0 2.567254 -4.358291 -1.075100  33 1 0 0.682865 2.377608 -0.717775  34 1 0 -0.693188 -2.339658 -0.734697  35 1 0 -2.656774 -2.002911 -2.310387  36 1 0 -4.976702 -2.840864 -2.197282  37 1 0 -6.506571 -2.030162 -0.428588  38 1 0 -2.191046 0.863052 1.545871  39 1 0 -3.697347 1.546956 3.341359  40 1 0 -6.072309 0.799545 3.356262  41 1 0 -6.897559 -0.700932 1.577339  42 1 0 6.465362 2.156281 -0.273972  43 1 0 4.880762 3.155247 -1.894098  44 1 0 2.593520 2.264797 -2.097068  45 1 0 2.242312 -1.028695 1.425260  46 1 0 3.784753 -1.860640 3.116370  47 1 0 6.152493 -1.088494 3.165502  48 1 0 6.918856 0.609183 1.543043  49 1 0 -2.969350 1.879345 -1.082716  50 1 0 -3.592770 3.995112 -1.152568  51 1 0 2.942401 -1.840678 -1.206142  52 1 0 3.557921 -3.955563 -1.333608  53 1 0 -2.633708 5.015646 -0.044651  54 1 0 -2.295033 5.057617 -1.767330  55 1 0 2.661840 -4.987649 -0.184566  56 1 0 2.226153 -5.010307 -1.885641 |
| TM\_NP\_model\_scan\_p\_130\_p\_150 | 1 6 0 1.387895 0.370232 -0.763774  2 6 0 0.384394 1.345121 -0.765710  3 6 0 -0.979337 1.043200 -0.768536  4 6 0 -1.391633 -0.308815 -0.718523  5 6 0 -0.397568 -1.286726 -0.732781  6 6 0 0.966788 -0.983806 -0.766895  7 6 0 -2.815561 -0.741415 -0.597656  8 6 0 -3.295832 -1.691876 -1.480832  9 6 0 -4.617410 -2.178060 -1.408107  10 6 0 -5.464252 -1.726457 -0.428607  11 6 0 -5.009999 -0.797960 0.541733  12 6 0 -3.662492 -0.309823 0.481255  13 6 0 -3.217794 0.542001 1.529463  14 6 0 -4.062039 0.928233 2.542747  15 6 0 -5.402262 0.483579 2.570827  16 6 0 -5.859160 -0.365185 1.594380  17 6 0 2.800872 0.819086 -0.570453  18 6 0 3.691899 0.235499 0.405031  19 6 0 5.019718 0.768152 0.536416  20 6 0 5.399863 1.910359 -0.210070  21 6 0 4.491810 2.534553 -1.025453  22 6 0 3.200044 1.998183 -1.182561  23 6 0 3.311628 -0.788281 1.317503  24 6 0 4.200851 -1.313345 2.224471  25 6 0 5.531955 -0.846921 2.281797  26 6 0 5.922894 0.180109 1.461665  27 6 0 -1.954797 2.147735 -0.899986  28 7 0 -1.613032 3.368019 -0.817787  29 6 0 -2.637099 4.376809 -0.999320  30 6 0 1.923179 -2.093365 -0.985888  31 7 0 1.590317 -3.312473 -0.864264  32 6 0 2.586407 -4.323502 -1.155926  33 1 0 0.644991 2.395068 -0.741608  34 1 0 -0.669041 -2.334963 -0.718429  35 1 0 -2.648472 -2.042846 -2.276357  36 1 0 -4.958387 -2.904044 -2.137453  37 1 0 -6.486532 -2.085095 -0.371123  38 1 0 -2.190433 0.880208 1.537559  39 1 0 -3.693495 1.573325 3.332369  40 1 0 -6.060283 0.801400 3.371690  41 1 0 -6.880028 -0.732160 1.618625  42 1 0 6.406725 2.298408 -0.098481  43 1 0 4.763017 3.434488 -1.565522  44 1 0 2.521990 2.484380 -1.873647  45 1 0 2.293047 -1.147495 1.321340  46 1 0 3.870911 -2.084545 2.911411  47 1 0 6.228714 -1.280114 2.990434  48 1 0 6.929307 0.580943 1.523232  49 1 0 -2.993538 1.854808 -1.097329  50 1 0 -3.638057 3.962880 -1.191983  51 1 0 2.934876 -1.802378 -1.295555  52 1 0 3.560045 -3.911883 -1.460945  53 1 0 -2.680584 5.008953 -0.106809  54 1 0 -2.355647 5.028629 -1.832590  55 1 0 2.729308 -4.952730 -0.271717  56 1 0 2.212812 -4.977945 -1.949996 |
| TM\_NP\_model\_scan\_p\_130\_p\_160 | 1 6 0 1.388352 0.389798 -0.788871  2 6 0 0.366537 1.348507 -0.805827  3 6 0 -0.993287 1.032580 -0.798601  4 6 0 -1.392697 -0.321044 -0.712528  5 6 0 -0.386486 -1.285523 -0.711266  6 6 0 0.973979 -0.968311 -0.759466  7 6 0 -2.810565 -0.766348 -0.572571  8 6 0 -3.285135 -1.743753 -1.429062  9 6 0 -4.600815 -2.242417 -1.336409  10 6 0 -5.447030 -1.775990 -0.363332  11 6 0 -4.997637 -0.818744 0.581035  12 6 0 -3.656079 -0.317428 0.500327  13 6 0 -3.214564 0.564696 1.524499  14 6 0 -4.057042 0.966429 2.533245  15 6 0 -5.392023 0.507848 2.580516  16 6 0 -5.845307 -0.369591 1.627994  17 6 0 2.788568 0.865051 -0.548710  18 6 0 3.702343 0.231655 0.379464  19 6 0 5.017070 0.788880 0.548215  20 6 0 5.354040 2.011474 -0.081199  21 6 0 4.411020 2.690667 -0.807296  22 6 0 3.138736 2.126764 -1.011824  23 6 0 3.356939 -0.856895 1.229140  24 6 0 4.268400 -1.427093 2.085630  25 6 0 5.592988 -0.945451 2.154414  26 6 0 5.948103 0.149544 1.410059  27 6 0 -1.979838 2.124885 -0.950141  28 7 0 -1.649522 3.349989 -0.899431  29 6 0 -2.684437 4.344405 -1.098132  30 6 0 1.928826 -2.074632 -1.009602  31 7 0 1.608684 -3.295644 -0.875686  32 6 0 2.598261 -4.300315 -1.208767  33 1 0 0.604017 2.403335 -0.794572  34 1 0 -0.643736 -2.336936 -0.678412  35 1 0 -2.638636 -2.107074 -2.219705  36 1 0 -4.937830 -2.990002 -2.045488  37 1 0 -6.464908 -2.144319 -0.290921  38 1 0 -2.190853 0.913901 1.518041  39 1 0 -3.691020 1.634595 3.304647  40 1 0 -6.048731 0.837913 3.377499  41 1 0 -6.861841 -0.747085 1.667631  42 1 0 6.350507 2.416936 0.057853  43 1 0 4.640193 3.655377 -1.245255  44 1 0 2.447172 2.661930 -1.650363  45 1 0 2.344241 -1.229837 1.234231  46 1 0 3.958825 -2.245537 2.725787  47 1 0 6.309422 -1.416204 2.817985  48 1 0 6.944902 0.570455 1.490842  49 1 0 -3.017019 1.817566 -1.133308  50 1 0 -3.682540 3.916378 -1.274000  51 1 0 2.925186 -1.777425 -1.360677  52 1 0 3.555692 -3.882347 -1.553855  53 1 0 -2.728279 4.997343 -0.220752  54 1 0 -2.414893 4.978670 -1.948723  55 1 0 2.782243 -4.928646 -0.331488  56 1 0 2.196434 -4.957287 -1.986796 |
| TM\_NP\_model\_scan\_p\_140\_m\_0 | 1 6 0 -1.467821 0.582907 -0.310439  2 6 0 -0.723762 -0.605002 -0.416126  3 6 0 0.661786 -0.666145 -0.591587  4 6 0 1.422231 0.522116 -0.570551  5 6 0 0.708898 1.714111 -0.424905  6 6 0 -0.678628 1.775067 -0.300767  7 6 0 2.912969 0.581434 -0.559624  8 6 0 3.536788 1.551716 -1.326728  9 6 0 4.936433 1.710697 -1.344142  10 6 0 5.728538 0.912121 -0.560021  11 6 0 5.145045 -0.038461 0.314345  12 6 0 3.718360 -0.190957 0.352151  13 6 0 3.175685 -1.050715 1.346780  14 6 0 3.985420 -1.765376 2.196652  15 6 0 5.390910 -1.663816 2.106823  16 6 0 5.952455 -0.811301 1.190657  17 6 0 -2.842644 0.489472 0.279721  18 6 0 -3.739044 -0.623851 0.004348  19 6 0 -5.009305 -0.674613 0.674669  20 6 0 -5.446882 0.428520 1.449158  21 6 0 -4.680665 1.559849 1.515307  22 6 0 -3.409318 1.591015 0.908388  23 6 0 -3.497992 -1.639111 -0.964106  24 6 0 -4.369163 -2.686345 -1.155932  25 6 0 -5.549278 -2.792609 -0.392869  26 6 0 -5.865655 -1.791725 0.489309  27 6 0 1.278327 -1.979920 -0.885618  28 7 0 0.634972 -3.070532 -0.792135  29 6 0 1.319155 -4.298411 -1.143497  30 6 0 -1.272928 3.131870 -0.398380  31 7 0 -0.658249 4.179409 -0.027833  32 6 0 -1.291639 5.461584 -0.264072  33 1 0 -1.203607 -1.564907 -0.312073  34 1 0 1.236970 2.658414 -0.388193  35 1 0 2.932970 2.169478 -1.981243  36 1 0 5.379122 2.460780 -1.989527  37 1 0 6.808515 1.013310 -0.577480  38 1 0 2.102841 -1.128088 1.453633  39 1 0 3.539637 -2.404630 2.950343  40 1 0 6.019259 -2.241264 2.775425  41 1 0 7.030057 -0.697822 1.133355  42 1 0 -6.409106 0.373625 1.946928  43 1 0 -5.026673 2.431749 2.058595  44 1 0 -2.802381 2.462334 1.103675  45 1 0 -2.632002 -1.575386 -1.604130  46 1 0 -4.147931 -3.429649 -1.913520  47 1 0 -6.216077 -3.635647 -0.533503  48 1 0 -6.799514 -1.818545 1.041143  49 1 0 2.322975 -1.957624 -1.220158  50 1 0 2.359652 -4.148368 -1.467810  51 1 0 -2.262083 3.186479 -0.874051  52 1 0 -2.279300 5.387384 -0.744697  53 1 0 1.310478 -4.973470 -0.281950  54 1 0 0.766585 -4.802123 -1.943040  55 1 0 -1.398341 5.991909 0.687438  56 1 0 -0.638754 6.075194 -0.893037 |
| TM\_NP\_model\_scan\_p\_140\_m\_10 | 1 6 0 -1.456420 0.526167 -0.223792  2 6 0 -0.709693 -0.658716 -0.319596  3 6 0 0.672481 -0.704514 -0.520706  4 6 0 1.413773 0.497575 -0.556688  5 6 0 0.690298 1.685300 -0.428862  6 6 0 -0.695303 1.730723 -0.270792  7 6 0 2.903737 0.576346 -0.589530  8 6 0 3.491915 1.531094 -1.402840  9 6 0 4.888141 1.707386 -1.466068  10 6 0 5.713339 0.943196 -0.681904  11 6 0 5.168219 0.013037 0.238091  12 6 0 3.745373 -0.156366 0.322176  13 6 0 3.243233 -0.990582 1.358996  14 6 0 4.086813 -1.667135 2.207174  15 6 0 5.487638 -1.550745 2.073111  16 6 0 6.010974 -0.721029 1.114328  17 6 0 -2.833747 0.440074 0.352336  18 6 0 -3.760188 -0.618148 -0.005149  19 6 0 -5.047407 -0.659105 0.631018  20 6 0 -5.447129 0.397031 1.487557  21 6 0 -4.624289 1.474460 1.676665  22 6 0 -3.343590 1.499913 1.089687  23 6 0 -3.516850 -1.589243 -1.016624  24 6 0 -4.421936 -2.585261 -1.299627  25 6 0 -5.637432 -2.677745 -0.590911  26 6 0 -5.944119 -1.721421 0.342955  27 6 0 1.303444 -2.016537 -0.791010  28 7 0 0.684203 -3.114164 -0.636952  29 6 0 1.377836 -4.341550 -0.971103  30 6 0 -1.327108 3.069092 -0.367116  31 7 0 -0.706894 4.141114 -0.086166  32 6 0 -1.389148 5.401100 -0.303877  33 1 0 -1.187563 -1.618594 -0.193601  34 1 0 1.207104 2.636528 -0.433779  35 1 0 2.861010 2.120580 -2.057854  36 1 0 5.301739 2.443075 -2.146379  37 1 0 6.790913 1.057297 -0.734265  38 1 0 2.175059 -1.077828 1.499656  39 1 0 3.671780 -2.287337 2.993652  40 1 0 6.142703 -2.098456 2.741102  41 1 0 7.084802 -0.595499 1.022157  42 1 0 -6.422577 0.349887 1.959809  43 1 0 -4.937029 2.305974 2.297899  44 1 0 -2.692749 2.320143 1.357907  45 1 0 -2.615940 -1.530688 -1.608193  46 1 0 -4.200633 -3.298966 -2.085160  47 1 0 -6.334443 -3.479205 -0.807766  48 1 0 -6.896436 -1.744526 0.862464  49 1 0 2.335189 -1.987663 -1.163128  50 1 0 2.402559 -4.185109 -1.339594  51 1 0 -2.356266 3.085921 -0.750853  52 1 0 -2.412784 5.290694 -0.693406  53 1 0 1.413840 -4.985749 -0.086914  54 1 0 0.805293 -4.882778 -1.731069  55 1 0 -1.425462 5.958824 0.637248  56 1 0 -0.808409 6.008441 -1.005494 |
| TM\_NP\_model\_scan\_p\_140\_m\_20 | 1 6 0 -1.444526 0.474383 -0.141205  2 6 0 -0.694669 -0.706319 -0.231241  3 6 0 0.683735 -0.737056 -0.457653  4 6 0 1.404927 0.476370 -0.544153  5 6 0 0.670337 1.658790 -0.432556  6 6 0 -0.712790 1.689492 -0.243704  7 6 0 2.892874 0.573201 -0.615545  8 6 0 3.447840 1.513045 -1.468627  9 6 0 4.839508 1.706040 -1.571238  10 6 0 5.694209 0.974704 -0.787371  11 6 0 5.184578 0.062977 0.170662  12 6 0 3.766639 -0.122703 0.294555  13 6 0 3.301671 -0.935271 1.365375  14 6 0 4.175073 -1.578139 2.209577  15 6 0 5.570461 -1.447111 2.037577  16 6 0 6.058635 -0.636219 1.044740  17 6 0 -2.828723 0.394426 0.412351  18 6 0 -3.776006 -0.611448 -0.016986  19 6 0 -5.074995 -0.647812 0.593491  20 6 0 -5.445003 0.354352 1.525343  21 6 0 -4.579827 1.374325 1.820284  22 6 0 -3.292203 1.399376 1.248321  23 6 0 -3.529477 -1.536860 -1.069054  24 6 0 -4.459475 -2.482296 -1.432035  25 6 0 -5.700939 -2.563994 -0.767054  26 6 0 -6.001051 -1.655364 0.215614  27 6 0 1.328923 -2.045555 -0.710464  28 7 0 0.732465 -3.148014 -0.508531  29 6 0 1.435846 -4.373165 -0.830244  30 6 0 -1.377228 3.011161 -0.331298  31 7 0 -0.757930 4.101164 -0.127263  32 6 0 -1.480562 5.342502 -0.319540  33 1 0 -1.169472 -1.666656 -0.088735  34 1 0 1.175131 2.615546 -0.474508  35 1 0 2.793039 2.075852 -2.123647  36 1 0 5.226010 2.428188 -2.281353  37 1 0 6.768503 1.101398 -0.869692  38 1 0 2.238602 -1.032903 1.534955  39 1 0 3.788058 -2.182794 3.022026  40 1 0 6.249156 -1.968500 2.703050  41 1 0 7.128033 -0.499078 0.922565  42 1 0 -6.429684 0.311170 1.978512  43 1 0 -4.867741 2.159188 2.510406  44 1 0 -2.608715 2.171463 1.575657  45 1 0 -2.601918 -1.483076 -1.619749  46 1 0 -4.238326 -3.164973 -2.244733  47 1 0 -6.420020 -3.324043 -1.050781  48 1 0 -6.967031 -1.677716 0.709318  49 1 0 2.348968 -2.010757 -1.113163  50 1 0 2.446645 -4.211136 -1.233206  51 1 0 -2.433698 2.999044 -0.630228  52 1 0 -2.530757 5.203501 -0.618428  53 1 0 1.508153 -4.992475 0.069381  54 1 0 0.849995 -4.943674 -1.557972  55 1 0 -1.448908 5.925229 0.606486  56 1 0 -0.972449 5.940158 -1.083136 |
| TM\_NP\_model\_scan\_p\_140\_m\_30 | 1 6 0 -1.432453 0.428458 -0.062166  2 6 0 -0.679196 -0.747485 -0.152814  3 6 0 0.694955 -0.763386 -0.404681  4 6 0 1.396238 0.459434 -0.532621  5 6 0 0.650249 1.635644 -0.433060  6 6 0 -0.729795 1.651786 -0.215478  7 6 0 2.881427 0.572835 -0.637122  8 6 0 3.406816 1.500348 -1.521842  9 6 0 4.793474 1.709165 -1.656636  10 6 0 5.673429 1.006725 -0.874272  11 6 0 5.195165 0.109458 0.113094  12 6 0 3.782536 -0.091713 0.269641  13 6 0 3.350141 -0.888101 1.365978  14 6 0 4.248760 -1.502570 2.204846  15 6 0 5.638541 -1.357057 2.001941  16 6 0 6.095798 -0.560197 0.983375  17 6 0 -2.824153 0.350698 0.468570  18 6 0 -3.787514 -0.599840 -0.031345  19 6 0 -5.092906 -0.643080 0.563254  20 6 0 -5.436976 0.289528 1.574042  21 6 0 -4.538952 1.247190 1.967087  22 6 0 -3.247844 1.282524 1.402730  23 6 0 -3.540062 -1.467475 -1.130811  24 6 0 -4.488251 -2.361527 -1.568281  25 6 0 -5.746789 -2.443361 -0.934803  26 6 0 -6.040748 -1.593758 0.101380  27 6 0 1.353813 -2.066742 -0.647838  28 7 0 0.779230 -3.173470 -0.409112  29 6 0 1.492416 -4.394458 -0.724989  30 6 0 -1.423732 2.957803 -0.288820  31 7 0 -0.810143 4.062758 -0.161314  32 6 0 -1.569434 5.286383 -0.322790  33 1 0 -1.149694 -1.709272 0.000567  34 1 0 1.142448 2.597069 -0.506447  35 1 0 2.731720 2.040112 -2.175674  36 1 0 5.155919 2.420350 -2.390130  37 1 0 6.744067 1.145583 -0.980933  38 1 0 2.292122 -0.996568 1.558904  39 1 0 3.886117 -2.095896 3.036660  40 1 0 6.337364 -1.856166 2.663660  41 1 0 7.160624 -0.411953 0.836647  42 1 0 -6.426592 0.241597 2.015914  43 1 0 -4.806096 1.973773 2.725984  44 1 0 -2.539440 2.007118 1.784202  45 1 0 -2.594073 -1.410367 -1.650261  46 1 0 -4.269167 -3.004046 -2.413642  47 1 0 -6.481906 -3.161071 -1.280974  48 1 0 -7.015428 -1.623338 0.577300  49 1 0 2.362935 -2.025050 -1.076614  50 1 0 2.490364 -4.225988 -1.156396  51 1 0 -2.500145 2.920642 -0.500053  52 1 0 -2.637154 5.121797 -0.533527  53 1 0 1.596178 -4.995084 0.184181  54 1 0 0.897023 -4.987372 -1.426616  55 1 0 -1.475386 5.891384 0.584535  56 1 0 -1.135117 5.874362 -1.137727 |
| TM\_NP\_model\_scan\_p\_140\_m\_40 | 1 6 0 -1.421316 0.385511 0.019965  2 6 0 -0.663432 -0.784839 -0.075492  3 6 0 0.705715 -0.785864 -0.353991  4 6 0 1.386463 0.445321 -0.518239  5 6 0 0.628698 1.614292 -0.424751  6 6 0 -0.747335 1.615555 -0.177806  7 6 0 2.867907 0.575117 -0.656226  8 6 0 3.363065 1.492999 -1.567930  9 6 0 4.743875 1.717357 -1.734604  10 6 0 5.648774 1.040614 -0.958070  11 6 0 5.202467 0.154634 0.054099  12 6 0 3.796050 -0.061940 0.243010  13 6 0 3.396721 -0.845637 1.360827  14 6 0 4.320199 -1.434420 2.191075  15 6 0 5.703504 -1.274162 1.957509  16 6 0 6.129318 -0.488550 0.916827  17 6 0 -2.820692 0.303082 0.528600  18 6 0 -3.795834 -0.583893 -0.048835  19 6 0 -5.106288 -0.646789 0.531474  20 6 0 -5.431036 0.196313 1.624147  21 6 0 -4.507983 1.083123 2.115353  22 6 0 -3.213301 1.139429 1.559876  23 6 0 -3.546106 -1.374262 -1.204145  24 6 0 -4.507124 -2.210260 -1.720528  25 6 0 -5.778912 -2.304888 -1.114613  26 6 0 -6.069686 -1.532882 -0.018235  27 6 0 1.377809 -2.083103 -0.592653  28 7 0 0.826467 -3.193795 -0.319891  29 6 0 1.549161 -4.409576 -0.634258  30 6 0 -1.467128 2.907457 -0.229858  31 7 0 -0.863309 4.023977 -0.177267  32 6 0 -1.653491 5.232332 -0.299465  33 1 0 -1.127977 -1.748963 0.086077  34 1 0 1.107475 2.580069 -0.524922  35 1 0 2.667886 2.012507 -2.217155  36 1 0 5.081813 2.419942 -2.487830  37 1 0 6.715094 1.191540 -1.088807  38 1 0 2.344384 -0.965327 1.576695  39 1 0 3.982291 -2.018824 3.039453  40 1 0 6.422253 -1.753047 2.612801  41 1 0 7.188920 -0.329207 0.745822  42 1 0 -6.424693 0.135030 2.055247  43 1 0 -4.759785 1.736674 2.942855  44 1 0 -2.486028 1.811270 1.999990  45 1 0 -2.585465 -1.304609 -1.695700  46 1 0 -4.288767 -2.797523 -2.605368  47 1 0 -6.525375 -2.974769 -1.526246  48 1 0 -7.051328 -1.578683 0.441846  49 1 0 2.374696 -2.033815 -1.048453  50 1 0 2.533016 -4.234235 -1.094402  51 1 0 -2.556259 2.849865 -0.350065  52 1 0 -2.731687 5.047470 -0.420727  53 1 0 1.685247 -4.993317 0.281629  54 1 0 0.944495 -5.022674 -1.310152  55 1 0 -1.497210 5.856136 0.586309  56 1 0 -1.295458 5.810794 -1.157176 |
| TM\_NP\_model\_scan\_p\_140\_m\_50 | 1 6 0 -1.411585 0.336861 0.116792  2 6 0 -0.644324 -0.824734 0.012603  3 6 0 0.718528 -0.807086 -0.295508  4 6 0 1.374204 0.433612 -0.493193  5 6 0 0.601790 1.592507 -0.396430  6 6 0 -0.768508 1.574747 -0.116560  7 6 0 2.849691 0.583809 -0.671555  8 6 0 3.306762 1.496942 -1.607534  9 6 0 4.679161 1.739970 -1.813183  10 6 0 5.614333 1.087114 -1.052227  11 6 0 5.208241 0.207727 -0.017676  12 6 0 3.810695 -0.027633 0.210824  13 6 0 3.452881 -0.803069 1.348320  14 6 0 4.406650 -1.366724 2.161557  15 6 0 5.780768 -1.188319 1.889938  16 6 0 6.167049 -0.410061 0.828534  17 6 0 -2.819116 0.237973 0.602507  18 6 0 -3.799736 -0.568769 -0.068976  19 6 0 -5.119666 -0.660422 0.484512  20 6 0 -5.437567 0.066357 1.659840  21 6 0 -4.497875 0.864689 2.260199  22 6 0 -3.195358 0.952068 1.726003  23 6 0 -3.538875 -1.256302 -1.285750  24 6 0 -4.507016 -2.016352 -1.896957  25 6 0 -5.795007 -2.131974 -1.328997  26 6 0 -6.091788 -1.463289 -0.167977  27 6 0 1.406027 -2.095709 -0.536012  28 7 0 0.883718 -3.211320 -0.228501  29 6 0 1.617516 -4.419169 -0.547470  30 6 0 -1.514082 2.851805 -0.138148  31 7 0 -0.928255 3.978921 -0.162749  32 6 0 -1.747786 5.171555 -0.233794  33 1 0 -1.098720 -1.793138 0.180554  34 1 0 1.063643 2.563911 -0.519004  35 1 0 2.586991 1.997570 -2.244733  36 1 0 4.986425 2.437696 -2.583861  37 1 0 6.674434 1.252462 -1.212699  38 1 0 2.408483 -0.936616 1.592631  39 1 0 4.100024 -1.945369 3.025622  40 1 0 6.523738 -1.647540 2.532155  41 1 0 7.219264 -0.237033 0.627720  42 1 0 -6.438523 -0.014594 2.070426  43 1 0 -4.744320 1.424809 3.155124  44 1 0 -2.457121 1.560335 2.235967  45 1 0 -2.561634 -1.169647 -1.741680  46 1 0 -4.282110 -2.528297 -2.825847  47 1 0 -6.547865 -2.740100 -1.817656  48 1 0 -7.083227 -1.531532 0.267681  49 1 0 2.387049 -2.035820 -1.023890  50 1 0 2.583421 -4.234283 -1.040801  51 1 0 -2.608109 2.773710 -0.157468  52 1 0 -2.829029 4.967036 -0.250388  53 1 0 1.792176 -4.986384 0.372249  54 1 0 1.002862 -5.052743 -1.194875  55 1 0 -1.520948 5.815901 0.621498  56 1 0 -1.481193 5.737729 -1.132072 |
| TM\_NP\_model\_scan\_p\_140\_m\_60 | 1 6 0 -1.398721 0.271541 0.195031  2 6 0 -0.618232 -0.877046 0.066006  3 6 0 0.738001 -0.832355 -0.269450  4 6 0 1.365224 0.421595 -0.478210  5 6 0 0.574226 1.566324 -0.364812  6 6 0 -0.789243 1.521166 -0.054873  7 6 0 2.834400 0.599685 -0.683142  8 6 0 3.257620 1.521319 -1.626559  9 6 0 4.621373 1.791749 -1.854537  10 6 0 5.581707 1.158220 -1.108733  11 6 0 5.210322 0.271102 -0.067762  12 6 0 3.821701 0.007385 0.183135  13 6 0 3.498121 -0.775243 1.326028  14 6 0 4.476112 -1.318284 2.124355  15 6 0 5.841786 -1.111254 1.831232  16 6 0 6.194978 -0.326122 0.763384  17 6 0 -2.808001 0.145873 0.675055  18 6 0 -3.806131 -0.545924 -0.087628  19 6 0 -5.127821 -0.673329 0.453719  20 6 0 -5.422514 -0.103099 1.718295  21 6 0 -4.457591 0.574086 2.419492  22 6 0 -3.154006 0.698486 1.893650  23 6 0 -3.554092 -1.090826 -1.376075  24 6 0 -4.539569 -1.743619 -2.076803  25 6 0 -5.834594 -1.886794 -1.530447  26 6 0 -6.119077 -1.359646 -0.295564  27 6 0 1.445910 -2.106006 -0.528428  28 7 0 0.954521 -3.232474 -0.209699  29 6 0 1.704921 -4.424747 -0.548025  30 6 0 -1.562461 2.780919 -0.031742  31 7 0 -1.006028 3.919740 -0.118267  32 6 0 -1.854324 5.094131 -0.124008  33 1 0 -1.057477 -1.853579 0.229149  34 1 0 1.015902 2.546182 -0.494315  35 1 0 2.517428 2.007903 -2.251170  36 1 0 4.902058 2.495449 -2.629903  37 1 0 6.635511 1.345199 -1.286078  38 1 0 2.460732 -0.930859 1.586521  39 1 0 4.195305 -1.902833 2.993224  40 1 0 6.604161 -1.554273 2.461987  41 1 0 7.240074 -0.131433 0.545899  42 1 0 -6.425097 -0.209370 2.119085  43 1 0 -4.685886 1.010144 3.385463  44 1 0 -2.396840 1.216620 2.471438  45 1 0 -2.568225 -0.982288 -1.809264  46 1 0 -4.323688 -2.149674 -3.058659  47 1 0 -6.601877 -2.407707 -2.092041  48 1 0 -7.113741 -1.455957 0.127256  49 1 0 2.413492 -2.024854 -1.039565  50 1 0 2.655487 -4.219825 -1.062836  51 1 0 -2.652039 2.678988 0.045973  52 1 0 -2.927772 4.866705 -0.039938  53 1 0 1.911863 -4.989947 0.366229  54 1 0 1.088391 -5.069368 -1.182613  55 1 0 -1.564484 5.751522 0.701818  56 1 0 -1.682893 5.656680 -1.047407 |
| TM\_NP\_model\_scan\_p\_140\_m\_70 | 1 6 0 -1.390124 0.190012 0.290328  2 6 0 -0.587596 -0.937657 0.128252  3 6 0 0.761033 -0.854524 -0.231948  4 6 0 1.352138 0.417615 -0.436400  5 6 0 0.537806 1.541699 -0.285235  6 6 0 -0.817357 1.457781 0.052195  7 6 0 2.810921 0.633983 -0.676832  8 6 0 3.186124 1.580454 -1.615968  9 6 0 4.536434 1.885230 -1.878132  10 6 0 5.531614 1.261127 -1.171067  11 6 0 5.210081 0.349612 -0.134565  12 6 0 3.835409 0.051057 0.151576  13 6 0 3.562062 -0.755429 1.291048  14 6 0 4.574380 -1.288109 2.052705  15 6 0 5.926202 -1.046554 1.723778  16 6 0 6.231179 -0.238087 0.658469  17 6 0 -2.803702 0.018261 0.749621  18 6 0 -3.806791 -0.523311 -0.118037  19 6 0 -5.135981 -0.706227 0.386529  20 6 0 -5.429011 -0.342337 1.725660  21 6 0 -4.454699 0.185957 2.533950  22 6 0 -3.143489 0.365866 2.042020  23 6 0 -3.546202 -0.870983 -1.471283  24 6 0 -4.535697 -1.384646 -2.274489  25 6 0 -5.841502 -1.577411 -1.770145  26 6 0 -6.131928 -1.243065 -0.470758  27 6 0 1.493109 -2.106525 -0.526408  28 7 0 1.039452 -3.248523 -0.206972  29 6 0 1.808644 -4.417739 -0.581433  30 6 0 -1.620028 2.695592 0.137281  31 7 0 -1.102055 3.849185 0.016049  32 6 0 -1.977145 5.001229 0.090592  33 1 0 -1.004653 -1.926561 0.274764  34 1 0 0.954343 2.533688 -0.405084  35 1 0 2.417462 2.060135 -2.210818  36 1 0 4.779102 2.607558 -2.649187  37 1 0 6.575502 1.474210 -1.375585  38 1 0 2.536235 -0.937835 1.578657  39 1 0 4.331785 -1.891380 2.920297  40 1 0 6.715945 -1.481856 2.325566  41 1 0 7.265041 -0.016955 0.414219  42 1 0 -6.437398 -0.488030 2.098541  43 1 0 -4.681975 0.463112 3.557161  44 1 0 -2.380680 0.771611 2.697285  45 1 0 -2.549809 -0.724327 -1.868218  46 1 0 -4.315120 -1.643159 -3.304088  47 1 0 -6.612285 -1.986265 -2.413762  48 1 0 -7.133894 -1.382629 -0.078202  49 1 0 2.443203 -1.994990 -1.063950  50 1 0 2.740276 -4.183296 -1.117838  51 1 0 -2.697098 2.563384 0.299862  52 1 0 -3.034916 4.745440 0.254024  53 1 0 2.052814 -4.990100 0.319059  54 1 0 1.190922 -5.068271 -1.208837  55 1 0 -1.640776 5.656377 0.900456  56 1 0 -1.891099 5.578303 -0.835695 |
| TM\_NP\_model\_scan\_p\_140\_m\_80 | 1 6 0 -1.378619 0.076337 0.353978  2 6 0 -0.547457 -1.019288 0.135112  3 6 0 0.793516 -0.880764 -0.238911  4 6 0 1.343135 0.415835 -0.399516  5 6 0 0.499741 1.508485 -0.186598  6 6 0 -0.846470 1.369504 0.166964  7 6 0 2.790575 0.685513 -0.654876  8 6 0 3.120679 1.680963 -1.559610  9 6 0 4.456507 2.035985 -1.832487  10 6 0 5.482322 1.412342 -1.170200  11 6 0 5.206632 0.449390 -0.167557  12 6 0 3.846695 0.099343 0.130270  13 6 0 3.618005 -0.760943 1.239845  14 6 0 4.659329 -1.295307 1.960086  15 6 0 5.997281 -1.001572 1.617126  16 6 0 6.258905 -0.141035 0.581476  17 6 0 -2.791066 -0.156418 0.794585  18 6 0 -3.811894 -0.494043 -0.150836  19 6 0 -5.143173 -0.736662 0.321309  20 6 0 -5.417957 -0.635612 1.709256  21 6 0 -4.423583 -0.307590 2.595370  22 6 0 -3.110093 -0.067930 2.134123  23 6 0 -3.562485 -0.589105 -1.546645  24 6 0 -4.568332 -0.912131 -2.425348  25 6 0 -5.878725 -1.157419 -1.956783  26 6 0 -6.156434 -1.070143 -0.615071  27 6 0 1.556916 -2.097033 -0.596363  28 7 0 1.143885 -3.264129 -0.314477  29 6 0 1.941052 -4.392899 -0.749949  30 6 0 -1.681407 2.575663 0.342651  31 7 0 -1.210701 3.749507 0.224092  32 6 0 -2.112983 4.868298 0.404935  33 1 0 -0.936087 -2.024920 0.239515  34 1 0 0.886627 2.516401 -0.265614  35 1 0 2.327437 2.162146 -2.119923  36 1 0 4.663844 2.796761 -2.576398  37 1 0 6.515631 1.664296 -1.384045  38 1 0 2.603373 -0.984489 1.537969  39 1 0 4.450521 -1.940523 2.806017  40 1 0 6.810346 -1.438505 2.185757  41 1 0 7.281235 0.120019 0.328265  42 1 0 -6.428419 -0.822435 2.057467  43 1 0 -4.637253 -0.233372 3.655682  44 1 0 -2.332851 0.183972 2.847028  45 1 0 -2.560871 -0.404475 -1.914330  46 1 0 -4.357015 -0.979900 -3.486618  47 1 0 -6.662801 -1.413250 -2.660539  48 1 0 -7.161032 -1.254904 -0.248829  49 1 0 2.492815 -1.935868 -1.146229  50 1 0 2.854802 -4.107626 -1.292339  51 1 0 -2.739069 2.400786 0.577530  52 1 0 -3.148198 4.571730 0.631407  53 1 0 2.219460 -4.993373 0.121849  54 1 0 1.331746 -5.036188 -1.392820  55 1 0 -1.740014 5.502979 1.215098  56 1 0 -2.110187 5.482502 -0.501214 |
| TM\_NP\_model\_scan\_p\_140\_m\_90 | 1 6 0 -1.364824 -0.051050 0.366206  2 6 0 -0.502844 -1.103222 0.070256  3 6 0 0.830891 -0.898432 -0.300339  4 6 0 1.340159 0.422006 -0.373356  5 6 0 0.466136 1.471681 -0.080659  6 6 0 -0.872203 1.267550 0.269929  7 6 0 2.777792 0.751757 -0.613120  8 6 0 3.074677 1.815796 -1.448566  9 6 0 4.398178 2.229332 -1.697961  10 6 0 5.444646 1.593648 -1.081074  11 6 0 5.201777 0.555353 -0.147493  12 6 0 3.854086 0.144408 0.127420  13 6 0 3.655876 -0.798479 1.173933  14 6 0 4.715632 -1.351573 1.851919  15 6 0 6.042759 -0.994158 1.528065  16 6 0 6.274244 -0.054434 0.556032  17 6 0 -2.770121 -0.357953 0.786171  18 6 0 -3.823842 -0.453388 -0.178301  19 6 0 -5.147436 -0.773744 0.267961  20 6 0 -5.381882 -0.988587 1.650515  21 6 0 -4.355584 -0.892490 2.555320  22 6 0 -3.049208 -0.576785 2.119261  23 6 0 -3.611467 -0.241710 -1.567270  24 6 0 -4.647310 -0.340400 -2.464890  25 6 0 -5.951501 -0.657538 -2.022848  26 6 0 -6.192417 -0.869081 -0.687747  27 6 0 1.627716 -2.062850 -0.746351  28 7 0 1.254536 -3.259018 -0.540940  29 6 0 2.081968 -4.329072 -1.060347  30 6 0 -1.738379 2.429637 0.555066  31 7 0 -1.316263 3.625202 0.479146  32 6 0 -2.243948 4.697069 0.777672  33 1 0 -0.861749 -2.124540 0.103355  34 1 0 0.823380 2.493506 -0.087065  35 1 0 2.265511 2.309866 -1.973783  36 1 0 4.579778 3.045426 -2.388022  37 1 0 6.469057 1.891593 -1.277895  38 1 0 2.649711 -1.073445 1.457274  39 1 0 4.529512 -2.061306 2.650132  40 1 0 6.870895 -1.445825 2.062406  41 1 0 7.287236 0.254788 0.320137  42 1 0 -6.386941 -1.231645 1.979097  43 1 0 -4.538552 -1.059341 3.610836  44 1 0 -2.247315 -0.506448 2.845663  45 1 0 -2.614022 -0.003245 -1.915112  46 1 0 -4.464252 -0.176469 -3.520912  47 1 0 -6.759491 -0.734277 -2.741713  48 1 0 -7.191294 -1.114188 -0.341868  49 1 0 2.552098 -1.835137 -1.292242  50 1 0 2.977344 -3.977757 -1.594527  51 1 0 -2.774210 2.201215 0.836817  52 1 0 -3.253935 4.349319 1.041790  53 1 0 2.393429 -4.975638 -0.233842  54 1 0 1.484658 -4.948945 -1.736567  55 1 0 -1.846931 5.295549 1.603828  56 1 0 -2.313239 5.363913 -0.087655 |
| TM\_NP\_model\_scan\_p\_140\_m\_100 | 1 6 0 -1.355134 -0.168456 0.360035  2 6 0 -0.462636 -1.174874 0.000947  3 6 0 0.864753 -0.909727 -0.354022  4 6 0 1.336887 0.426031 -0.341884  5 6 0 0.434733 1.429600 0.020337  6 6 0 -0.897069 1.166656 0.355095  7 6 0 2.763708 0.811033 -0.562092  8 6 0 3.026725 1.935308 -1.327182  9 6 0 4.336870 2.401675 -1.552521  10 6 0 5.403673 1.756634 -0.981905  11 6 0 5.194472 0.652476 -0.118352  12 6 0 3.860132 0.186629 0.133244  13 6 0 3.693769 -0.828765 1.115494  14 6 0 4.772170 -1.396642 1.750486  15 6 0 6.087148 -0.981836 1.446195  16 6 0 6.287234 0.027232 0.538854  17 6 0 -2.755532 -0.542646 0.736059  18 6 0 -3.833558 -0.413633 -0.198072  19 6 0 -5.152351 -0.803164 0.205173  20 6 0 -5.358063 -1.312063 1.513385  21 6 0 -4.307609 -1.437233 2.386197  22 6 0 -3.006116 -1.052986 1.993208  23 6 0 -3.648545 0.076687 -1.518924  24 6 0 -4.706820 0.185334 -2.388867  25 6 0 -6.007693 -0.191968 -1.986460  26 6 0 -6.221632 -0.675792 -0.719471  27 6 0 1.692340 -2.020043 -0.875633  28 7 0 1.355524 -3.237091 -0.743503  29 6 0 2.209522 -4.248654 -1.332356  30 6 0 -1.786452 2.282655 0.737733  31 7 0 -1.406700 3.494200 0.703104  32 6 0 -2.350050 4.517026 1.106555  33 1 0 -0.794443 -2.205031 -0.037948  34 1 0 0.765479 2.458206 0.085846  35 1 0 2.201557 2.439709 -1.816561  36 1 0 4.492199 3.266073 -2.188026  37 1 0 6.418392 2.095648 -1.161708  38 1 0 2.697203 -1.149786 1.384027  39 1 0 4.610095 -2.163206 2.499902  40 1 0 6.930378 -1.445440 1.945567  41 1 0 7.289991 0.379565 0.320380  42 1 0 -6.360223 -1.603971 1.809419  43 1 0 -4.467969 -1.830419 3.383743  44 1 0 -2.185745 -1.154710 2.694750  45 1 0 -2.653913 0.360626 -1.839351  46 1 0 -4.543685 0.559368 -3.393378  47 1 0 -6.833877 -0.101628 -2.682703  48 1 0 -7.217098 -0.972422 -0.405554  49 1 0 2.605675 -1.730721 -1.410738  50 1 0 3.090134 -3.839783 -1.849991  51 1 0 -2.798753 2.006054 1.059002  52 1 0 -3.332797 4.121599 1.404039  53 1 0 2.546226 -4.934652 -0.548643  54 1 0 1.625016 -4.843825 -2.041173  55 1 0 -1.927975 5.085265 1.941592  56 1 0 -2.486885 5.224762 0.282779 |
| TM\_NP\_model\_scan\_p\_140\_m\_110 | 1 6 0 1.345516 -0.278038 -0.323286  2 6 0 0.423794 -1.241369 0.079850  3 6 0 -0.899378 -0.925833 0.408559  4 6 0 -1.336405 0.419087 0.328837  5 6 0 -0.407603 1.378865 -0.082617  6 6 0 0.917754 1.066152 -0.397463  7 6 0 -2.752355 0.854119 0.524301  8 6 0 -2.983766 2.022306 1.231857  9 6 0 -4.280032 2.537555 1.429113  10 6 0 -5.364058 1.897116 0.886367  11 6 0 -5.185431 0.746435 0.078548  12 6 0 -3.864973 0.228988 -0.143845  13 6 0 -3.726188 -0.837696 -1.074636  14 6 0 -4.819232 -1.403055 -1.686418  15 6 0 -6.122020 -0.934398 -1.409087  16 6 0 -6.294473 0.123100 -0.552657  17 6 0 2.741045 -0.706278 -0.650215  18 6 0 3.845218 -0.378908 0.203774  19 6 0 5.158693 -0.823142 -0.158979  20 6 0 5.334091 -1.589451 -1.339742  21 6 0 4.258580 -1.913294 -2.126709  22 6 0 2.963353 -1.472230 -1.777004  23 6 0 3.692916 0.354168 1.411702  24 6 0 4.776509 0.651592 2.202934  25 6 0 6.072908 0.229413 1.832562  26 6 0 6.255324 -0.493897 0.680154  27 6 0 -1.758971 -1.988488 0.975650  28 7 0 -1.454502 -3.218822 0.900473  29 6 0 -2.339069 -4.179845 1.527569  30 6 0 1.824145 2.137187 -0.861941  31 7 0 1.489076 3.362141 -0.844758  32 6 0 2.440583 4.336539 -1.338954  33 1 0 0.730434 -2.275077 0.180364  34 1 0 -0.713906 2.409447 -0.207621  35 1 0 -2.144949 2.525965 1.698326  36 1 0 -4.411191 3.436203 2.021065  37 1 0 -6.368753 2.274250 1.045319  38 1 0 -2.738848 -1.200900 -1.322732  39 1 0 -4.678095 -2.209719 -2.396967  40 1 0 -6.977208 -1.396049 -1.889576  41 1 0 -7.286828 0.515587 -0.356281  42 1 0 6.332771 -1.920243 -1.604939  43 1 0 4.394790 -2.505500 -3.024526  44 1 0 2.124376 -1.726888 -2.414761  45 1 0 2.703326 0.674797 1.711546  46 1 0 4.636260 1.210467 3.121356  47 1 0 6.919646 0.471980 2.464747  48 1 0 7.246285 -0.831164 0.394271  49 1 0 -2.667050 -1.650829 1.491050  50 1 0 -3.211609 -3.724917 2.019768  51 1 0 2.805161 1.814511 -1.232638  52 1 0 3.387478 3.895931 -1.685100  53 1 0 -2.689193 -4.890913 0.772564  54 1 0 -1.775386 -4.758390 2.266394  55 1 0 1.986387 4.895888 -2.163060  56 1 0 2.655227 5.062120 -0.547927 |
| TM\_NP\_model\_scan\_p\_140\_m\_120 | 1 6 0 1.339300 -0.326735 -0.311974  2 6 0 0.401865 -1.269612 0.107095  3 6 0 -0.917556 -0.932150 0.426300  4 6 0 -1.336628 0.416882 0.325233  5 6 0 -0.393694 1.357016 -0.099470  6 6 0 0.927760 1.022206 -0.407397  7 6 0 -2.746873 0.873612 0.509967  8 6 0 -2.964939 2.055252 1.199191  9 6 0 -4.254973 2.590114 1.384761  10 6 0 -5.345782 1.955336 0.848882  11 6 0 -5.180059 0.789869 0.059740  12 6 0 -3.865860 0.252058 -0.150909  13 6 0 -3.738576 -0.831386 -1.063787  14 6 0 -4.837368 -1.392773 -1.668903  15 6 0 -6.134661 -0.902917 -1.402699  16 6 0 -6.295535 0.170618 -0.564149  17 6 0 2.733376 -0.783543 -0.595583  18 6 0 3.853949 -0.341796 0.185414  19 6 0 5.159664 -0.842547 -0.131050  20 6 0 5.312796 -1.780913 -1.183474  21 6 0 4.221217 -2.224206 -1.885309  22 6 0 2.934698 -1.729614 -1.582637  23 6 0 3.727348 0.544373 1.289794  24 6 0 4.825903 0.938997 2.015190  25 6 0 6.115133 0.469383 1.679258  26 6 0 6.273286 -0.404598 0.632913  27 6 0 -1.791164 -1.974024 1.010519  28 7 0 -1.501199 -3.209058 0.958854  29 6 0 -2.398313 -4.147514 1.602176  30 6 0 1.835235 2.071834 -0.918263  31 7 0 1.531126 3.304365 -0.884239  32 6 0 2.474456 4.255160 -1.436870  33 1 0 0.696056 -2.303910 0.234018  34 1 0 -0.687005 2.388641 -0.244917  35 1 0 -2.120725 2.555156 1.659930  36 1 0 -4.376162 3.499388 1.962430  37 1 0 -6.345934 2.347791 0.999170  38 1 0 -2.755398 -1.211133 -1.303456  39 1 0 -4.704979 -2.212868 -2.365627  40 1 0 -6.994553 -1.361477 -1.877728  41 1 0 -7.283252 0.578849 -0.376713  42 1 0 6.306466 -2.150214 -1.414348  43 1 0 4.338369 -2.952195 -2.680058  44 1 0 2.083627 -2.079289 -2.156035  45 1 0 2.745429 0.903421 1.569132  46 1 0 4.702130 1.611145 2.856878  47 1 0 6.974133 0.792043 2.256725  48 1 0 7.257299 -0.784201 0.377885  49 1 0 -2.696127 -1.616224 1.517760  50 1 0 -3.266581 -3.672932 2.083190  51 1 0 2.785087 1.725474 -1.344586  52 1 0 3.388634 3.791797 -1.836977  53 1 0 -2.754967 -4.869061 0.860284  54 1 0 -1.843144 -4.718021 2.353595  55 1 0 1.985609 4.823666 -2.234489  56 1 0 2.752479 4.976723 -0.662137 |
| TM\_NP\_model\_scan\_p\_140\_m\_130 | 1 6 0 1.335347 -0.370894 -0.309460  2 6 0 0.382772 -1.299629 0.112230  3 6 0 -0.933715 -0.947586 0.424779  4 6 0 -1.336203 0.406476 0.325797  5 6 0 -0.380826 1.333681 -0.099187  6 6 0 0.936371 0.982980 -0.406982  7 6 0 -2.739996 0.881741 0.510505  8 6 0 -2.942052 2.065306 1.201385  9 6 0 -4.224775 2.617149 1.387788  10 6 0 -5.324027 1.997904 0.850921  11 6 0 -5.173989 0.831604 0.059864  12 6 0 -3.867170 0.276339 -0.151375  13 6 0 -3.754240 -0.807102 -1.066125  14 6 0 -4.860366 -1.352434 -1.672597  15 6 0 -6.150954 -0.845430 -1.405942  16 6 0 -6.297550 0.228628 -0.565428  17 6 0 2.730844 -0.846736 -0.545209  18 6 0 3.861906 -0.313797 0.165241  19 6 0 5.164209 -0.852678 -0.102646  20 6 0 5.305008 -1.926473 -1.017689  21 6 0 4.202986 -2.468610 -1.627581  22 6 0 2.922300 -1.933678 -1.379772  23 6 0 3.753222 0.689662 1.167154  24 6 0 4.862484 1.168756 1.821914  25 6 0 6.148550 0.671132 1.516813  26 6 0 6.290151 -0.321814 0.580522  27 6 0 -1.820673 -1.980132 1.005795  28 7 0 -1.545718 -3.218463 0.951119  29 6 0 -2.455258 -4.147693 1.590573  30 6 0 1.839534 2.019424 -0.953298  31 7 0 1.561295 3.257119 -0.897873  32 6 0 2.492374 4.192785 -1.495634  33 1 0 0.664602 -2.335332 0.253064  34 1 0 -0.661934 2.367990 -0.249180  35 1 0 -2.091102 2.553084 1.662736  36 1 0 -4.333762 3.527034 1.966922  37 1 0 -6.318814 2.403513 1.001896  38 1 0 -2.776187 -1.199609 -1.306315  39 1 0 -4.738905 -2.172909 -2.370862  40 1 0 -7.016837 -1.291290 -1.882174  41 1 0 -7.279709 0.649874 -0.377580  42 1 0 6.296439 -2.322212 -1.211239  43 1 0 4.308008 -3.304552 -2.309787  44 1 0 2.065886 -2.359141 -1.890366  45 1 0 2.776460 1.072684 1.429888  46 1 0 4.748345 1.929443 2.586038  47 1 0 7.016545 1.062943 2.034929  48 1 0 7.270117 -0.729983 0.355870  49 1 0 -2.722126 -1.612763 1.512369  50 1 0 -3.319035 -3.663876 2.070388  51 1 0 2.759155 1.657229 -1.429762  52 1 0 3.375012 3.714219 -1.945449  53 1 0 -2.818508 -4.863600 0.846429  54 1 0 -1.908578 -4.726013 2.342240  55 1 0 1.973275 4.775042 -2.263640  56 1 0 2.825034 4.904352 -0.733279 |
| TM\_NP\_model\_scan\_p\_140\_m\_140 | 1 6 0 1.334410 0.400077 0.329758  2 6 0 0.369983 1.322586 -0.084989  3 6 0 -0.943315 0.964682 -0.400449  4 6 0 -1.334020 -0.394198 -0.324670  5 6 0 -0.370123 -1.317034 0.089275  6 6 0 0.943124 -0.958926 0.405242  7 6 0 -2.732012 -0.880238 -0.521447  8 6 0 -2.919990 -2.054632 -1.231780  9 6 0 -4.196744 -2.615107 -1.432576  10 6 0 -5.304068 -2.014125 -0.891457  11 6 0 -5.168354 -0.858905 -0.081769  12 6 0 -3.867634 -0.295356 0.144357  13 6 0 -3.768596 0.774640 1.076427  14 6 0 -4.882442 1.300670 1.685838  15 6 0 -6.167179 0.786512 1.404956  16 6 0 -6.300230 -0.275623 0.547204  17 6 0 2.734065 0.885876 0.516513  18 6 0 3.868432 0.289221 -0.142045  19 6 0 5.170148 0.855297 0.072920  20 6 0 5.308216 2.025301 0.860499  21 6 0 4.201818 2.638793 1.389242  22 6 0 2.924568 2.075762 1.200425  23 6 0 3.767881 -0.793480 -1.059226  24 6 0 4.880593 -1.329941 -1.661596  25 6 0 6.166358 -0.814403 -1.388384  26 6 0 6.301035 0.260546 -0.547119  27 6 0 -1.837773 1.998777 -0.967538  28 7 0 -1.573742 3.238366 -0.892046  29 6 0 -2.489470 4.170082 -1.519018  30 6 0 1.834756 -1.992459 0.978160  31 7 0 1.570753 -3.232103 0.903869  32 6 0 2.482839 -4.162759 1.537674  33 1 0 0.641486 2.360642 -0.225768  34 1 0 -0.641910 -2.355324 0.228256  35 1 0 -2.062489 -2.527236 -1.696795  36 1 0 -4.294882 -3.516812 -2.026263  37 1 0 -6.294410 -2.426271 -1.053548  38 1 0 -2.795234 1.171939 1.327688  39 1 0 -4.771665 2.111135 2.397446  40 1 0 -7.039254 1.217251 1.883796  41 1 0 -7.277687 -0.702573 0.348054  42 1 0 6.299286 2.438864 1.014269  43 1 0 4.301070 3.552369 1.964289  44 1 0 2.068574 2.558556 1.657572  45 1 0 2.794119 -1.192279 -1.305947  46 1 0 4.767857 -2.149749 -2.362100  47 1 0 7.037604 -1.253678 -1.860928  48 1 0 7.279019 0.689621 -0.355267  49 1 0 -2.734770 1.631853 -1.482191  50 1 0 -3.349054 3.686897 -2.006888  51 1 0 2.729118 -1.624741 1.496870  52 1 0 3.339574 -3.678745 2.029717  53 1 0 -2.858899 4.872357 -0.765010  54 1 0 -1.946280 4.763234 -2.261597  55 1 0 1.935395 -4.754742 2.278058  56 1 0 2.856685 -4.866237 0.786964 |
| TM\_NP\_model\_scan\_p\_140\_p\_20 | 1 6 0 -1.459715 0.499436 -0.090636  2 6 0 -0.700284 -0.613608 -0.480855  3 6 0 0.686926 -0.592788 -0.639787  4 6 0 1.392802 0.618641 -0.453603  5 6 0 0.641705 1.742380 -0.101902  6 6 0 -0.744905 1.719169 0.063867  7 6 0 2.879256 0.743177 -0.483276  8 6 0 3.428553 1.851363 -1.107612  9 6 0 4.818486 2.075468 -1.153269  10 6 0 5.676779 1.197948 -0.541903  11 6 0 5.171922 0.091220 0.185262  12 6 0 3.755396 -0.130828 0.253972  13 6 0 3.294106 -1.169619 1.109137  14 6 0 4.170370 -1.979600 1.791058  15 6 0 5.565041 -1.799201 1.664024  16 6 0 6.049152 -0.779118 0.885168  17 6 0 -2.942040 0.431707 -0.253485  18 6 0 -3.711975 -0.720176 0.164631  19 6 0 -5.129970 -0.727541 -0.060691  20 6 0 -5.766385 0.422699 -0.590899  21 6 0 -5.037663 1.550593 -0.860423  22 6 0 -3.641336 1.554483 -0.671369  23 6 0 -3.161479 -1.835997 0.854469  24 6 0 -3.933940 -2.914483 1.216322  25 6 0 -5.311601 -2.947689 0.915002  26 6 0 -5.893740 -1.868419 0.300585  27 6 0 1.348984 -1.801810 -1.179674  28 7 0 0.782101 -2.937759 -1.185389  29 6 0 1.491766 -4.051492 -1.782093  30 6 0 -1.373662 2.944299 0.611933  31 7 0 -0.858611 4.096192 0.466361  32 6 0 -1.506206 5.218779 1.115586  33 1 0 -1.192717 -1.536545 -0.751146  34 1 0 1.141447 2.679492 0.105062  35 1 0 2.770846 2.538052 -1.627899  36 1 0 5.201076 2.939580 -1.684377  37 1 0 6.750018 1.350216 -0.585034  38 1 0 2.231364 -1.315425 1.242086  39 1 0 3.786142 -2.757906 2.440755  40 1 0 6.246166 -2.451764 2.198405  41 1 0 7.117624 -0.608030 0.804833  42 1 0 -6.838279 0.399814 -0.756251  43 1 0 -5.522571 2.442375 -1.240943  44 1 0 -3.093325 2.433786 -0.982388  45 1 0 -2.116447 -1.833076 1.127083  46 1 0 -3.478820 -3.743178 1.746914  47 1 0 -5.907303 -3.810333 1.191197  48 1 0 -6.959548 -1.859450 0.097334  49 1 0 2.352438 -1.656934 -1.599770  50 1 0 2.485024 -3.785677 -2.173513  51 1 0 -2.291652 2.795438 1.195781  52 1 0 -2.415524 4.945636 1.672371  53 1 0 1.605178 -4.845586 -1.037336  54 1 0 0.888563 -4.467309 -2.595372  55 1 0 -0.799489 5.692174 1.804617  56 1 0 -1.762711 5.971650 0.363539 |
| TM\_NP\_model\_scan\_p\_140\_p\_30 | 1 6 0 -1.456854 0.477213 -0.173318  2 6 0 -0.686282 -0.623287 -0.568943  3 6 0 0.703272 -0.582151 -0.702467  4 6 0 1.392115 0.631157 -0.463349  5 6 0 0.625733 1.737633 -0.090685  6 6 0 -0.764608 1.696960 0.043529  7 6 0 2.878338 0.768722 -0.457065  8 6 0 3.431294 1.899956 -1.034890  9 6 0 4.819815 2.137437 -1.042106  10 6 0 5.672242 1.249655 -0.437533  11 6 0 5.161371 0.117701 0.245239  12 6 0 3.745791 -0.118772 0.274443  13 6 0 3.274993 -1.186028 1.088298  14 6 0 4.142927 -2.007452 1.767146  15 6 0 5.538358 -1.810995 1.678055  16 6 0 6.030526 -0.764710 0.940061  17 6 0 -2.939437 0.397371 -0.313420  18 6 0 -3.699496 -0.723435 0.185318  19 6 0 -5.119373 -0.747249 -0.022431  20 6 0 -5.758138 0.354288 -0.645549  21 6 0 -5.030339 1.450455 -1.028482  22 6 0 -3.632842 1.472242 -0.847032  23 6 0 -3.129337 -1.792898 0.929502  24 6 0 -3.893598 -2.843689 1.378586  25 6 0 -5.279163 -2.890637 1.114554  26 6 0 -5.875374 -1.857624 0.436809  27 6 0 1.390492 -1.766889 -1.264272  28 7 0 0.834832 -2.906825 -1.323214  29 6 0 1.570269 -3.993487 -1.938133  30 6 0 -1.434010 2.900435 0.588277  31 7 0 -0.910834 4.056098 0.521319  32 6 0 -1.609586 5.157268 1.153748  33 1 0 -1.169878 -1.547197 -0.855307  34 1 0 1.113409 2.671506 0.156190  35 1 0 2.779215 2.596355 -1.549272  36 1 0 5.206188 3.020329 -1.538459  37 1 0 6.744722 1.412383 -0.451710  38 1 0 2.210916 -1.345110 1.191780  39 1 0 3.751306 -2.807627 2.385097  40 1 0 6.213169 -2.472576 2.209355  41 1 0 7.098888 -0.581918 0.889527  42 1 0 -6.831677 0.319699 -0.797952  43 1 0 -5.518588 2.301563 -1.489445  44 1 0 -3.079439 2.322536 -1.224990  45 1 0 -2.075245 -1.773171 1.166674  46 1 0 -3.427414 -3.640150 1.947570  47 1 0 -5.869096 -3.730430 1.463944  48 1 0 -6.944776 -1.864706 0.253278  49 1 0 2.402752 -1.599336 -1.653725  50 1 0 2.570969 -3.706356 -2.293866  51 1 0 -2.394996 2.733747 1.091831  52 1 0 -2.560218 4.866914 1.626402  53 1 0 1.671350 -4.811668 -1.218066  54 1 0 0.992414 -4.386333 -2.780738  55 1 0 -0.960693 5.606190 1.912575  56 1 0 -1.805862 5.935302 0.409214 |
| TM\_NP\_model\_scan\_p\_140\_p\_40 | 1 6 0 1.454894 0.458585 0.256535  2 6 0 0.672771 -0.629252 0.656888  3 6 0 -0.718767 -0.569947 0.763516  4 6 0 -1.390288 0.643255 0.474742  5 6 0 -0.608582 1.732391 0.083426  6 6 0 0.784369 1.675459 -0.020006  7 6 0 -2.875306 0.792547 0.433677  8 6 0 -3.430309 1.944390 0.966885  9 6 0 -4.816504 2.193777 0.937260  10 6 0 -5.663691 1.296838 0.338978  11 6 0 -5.148338 0.142448 -0.301554  12 6 0 -3.734679 -0.106810 -0.292856  13 6 0 -3.255826 -1.199298 -1.067586  14 6 0 -4.115942 -2.030706 -1.744206  15 6 0 -5.511157 -1.819974 -1.691618  16 6 0 -6.009952 -0.750603 -0.992151  17 6 0 2.938183 0.363080 0.373763  18 6 0 3.684353 -0.721477 -0.208604  19 6 0 5.104780 -0.770006 -0.012869  20 6 0 5.750446 0.268140 0.705294  21 6 0 5.029091 1.325288 1.196862  22 6 0 3.631195 1.372586 1.020389  23 6 0 3.093738 -1.732556 -1.015197  24 6 0 3.845668 -2.751029 -1.550484  25 6 0 5.236013 -2.819232 -1.314567  26 6 0 5.848302 -1.844310 -0.568037  27 6 0 -1.430462 -1.731899 1.342215  28 7 0 -0.886715 -2.874118 1.448831  29 6 0 -1.646863 -3.935950 2.076725  30 6 0 1.491284 2.858881 -0.558590  31 7 0 0.963103 4.014166 -0.573772  32 6 0 1.709840 5.096196 -1.183471  33 1 0 1.146598 -1.553888 0.959527  34 1 0 -1.083526 2.662324 -0.200675  35 1 0 -2.783247 2.649485 1.475711  36 1 0 -5.205441 3.093403 1.400468  37 1 0 -6.734719 1.468914 0.325372  38 1 0 -2.191217 -1.370138 -1.142966  39 1 0 -3.718072 -2.850116 -2.332245  40 1 0 -6.180058 -2.489404 -2.220550  41 1 0 -7.077461 -0.557423 -0.970195  42 1 0 6.824551 0.215749 0.848569  43 1 0 5.523847 2.124775 1.736608  44 1 0 3.077604 2.191791 1.463246  45 1 0 2.033556 -1.691748 -1.223609  46 1 0 3.367377 -3.505667 -2.164655  47 1 0 5.816562 -3.632363 -1.735464  48 1 0 6.919720 -1.872703 -0.398841  49 1 0 -2.450367 -1.544474 1.701465  50 1 0 -2.653613 -3.630452 2.398412  51 1 0 2.489939 2.678705 -0.976172  52 1 0 2.695213 4.793541 -1.569166  53 1 0 -1.736915 -4.774410 1.378893  54 1 0 -1.093763 -4.308039 2.944997  55 1 0 1.123253 5.518893 -2.005446  56 1 0 1.845906 5.898039 -0.450834 |
| TM\_NP\_model\_scan\_p\_140\_p\_50 | 1 6 0 1.454205 0.441317 0.344800  2 6 0 0.657860 -0.631741 0.750688  3 6 0 -0.735072 -0.554234 0.828584  4 6 0 -1.387215 0.657132 0.489206  5 6 0 -0.587909 1.728172 0.084119  6 6 0 0.806888 1.654913 0.014350  7 6 0 -2.869875 0.817143 0.408738  8 6 0 -3.427675 1.987956 0.895492  9 6 0 -4.810541 2.247615 0.824753  10 6 0 -5.650645 1.341141 0.230969  11 6 0 -5.129829 0.165338 -0.364600  12 6 0 -3.718998 -0.094800 -0.314223  13 6 0 -3.230861 -1.211864 -1.047142  14 6 0 -4.081301 -2.054367 -1.722224  15 6 0 -5.475531 -1.831195 -1.709766  16 6 0 -5.981999 -0.739358 -1.051772  17 6 0 2.938050 0.322005 0.442955  18 6 0 3.663765 -0.715541 -0.235781  19 6 0 5.083895 -0.801344 -0.054002  20 6 0 5.743725 0.150459 0.764313  21 6 0 5.036472 1.157113 1.370166  22 6 0 3.638736 1.242044 1.202282  23 6 0 3.047675 -1.646725 -1.115712  24 6 0 3.780196 -2.622842 -1.747565  25 6 0 5.173378 -2.724069 -1.538977  26 6 0 5.807330 -1.828681 -0.714552  27 6 0 -1.472644 -1.691493 1.423555  28 7 0 -0.941996 -2.833767 1.582829  29 6 0 -1.728965 -3.868298 2.223044  30 6 0 1.550061 2.819930 -0.513085  31 7 0 1.021236 3.970815 -0.612393  32 6 0 1.812629 5.036838 -1.192636  33 1 0 1.119243 -1.557048 1.071771  34 1 0 -1.047703 2.654264 -0.235514  35 1 0 -2.787168 2.701866 1.400284  36 1 0 -5.202800 3.162992 1.252995  37 1 0 -6.719491 1.521338 0.186275  38 1 0 -2.166274 -1.393236 -1.091853  39 1 0 -3.676277 -2.892545 -2.278057  40 1 0 -6.137051 -2.509391 -2.236807  41 1 0 -7.048031 -0.537184 -1.061287  42 1 0 6.817668 0.071565 0.896529  43 1 0 5.543059 1.887119 1.991282  44 1 0 3.092879 2.022929 1.719116  45 1 0 1.983353 -1.577115 -1.296332  46 1 0 3.285526 -3.318645 -2.415861  47 1 0 5.738896 -3.502408 -2.038784  48 1 0 6.879778 -1.887471 -0.560262  49 1 0 -2.500434 -1.484435 1.747835  50 1 0 -2.741848 -3.544487 2.505140  51 1 0 2.580391 2.631267 -0.839348  52 1 0 2.827230 4.727773 -1.486236  53 1 0 -1.806100 -4.728905 1.551101  54 1 0 -1.204242 -4.215369 3.118869  55 1 0 1.294312 5.430509 -2.072855  56 1 0 1.885578 5.861890 -0.476926 |
| TM\_NP\_model\_scan\_p\_140\_p\_60 | 1 6 0 1.454062 0.417300 0.441410  2 6 0 0.639512 -0.639718 0.848330  3 6 0 -0.754000 -0.542972 0.894571  4 6 0 -1.383030 0.667786 0.510468  5 6 0 -0.562805 1.721017 0.101135  6 6 0 0.832748 1.629918 0.067568  7 6 0 -2.861715 0.840528 0.388164  8 6 0 -3.420079 2.027500 0.833148  9 6 0 -4.797875 2.298970 0.719723  10 6 0 -5.631291 1.387368 0.124463  11 6 0 -5.107029 0.193329 -0.430426  12 6 0 -3.700713 -0.079043 -0.336987  13 6 0 -3.204984 -1.217003 -1.031875  14 6 0 -4.045947 -2.066119 -1.710499  15 6 0 -5.437704 -1.829421 -1.739783  16 6 0 -5.950065 -0.718375 -1.119625  17 6 0 2.937620 0.265577 0.526941  18 6 0 3.639999 -0.702593 -0.264706  19 6 0 5.058258 -0.835565 -0.101339  20 6 0 5.735685 -0.001488 0.824016  21 6 0 5.046694 0.933944 1.553274  22 6 0 3.650165 1.066299 1.399492  23 6 0 2.997265 -1.522680 -1.231517  24 6 0 3.706752 -2.436122 -1.973493  25 6 0 5.100533 -2.580190 -1.793411  26 6 0 5.757928 -1.794105 -0.880367  27 6 0 -1.520267 -1.656959 1.497013  28 7 0 -1.004931 -2.798054 1.707298  29 6 0 -1.822291 -3.806953 2.350339  30 6 0 1.612398 2.778210 -0.441481  31 7 0 1.087600 3.918593 -0.637039  32 6 0 1.924382 4.970304 -1.178069  33 1 0 1.084538 -1.567272 1.186621  34 1 0 -1.003709 2.645587 -0.248420  35 1 0 -2.785823 2.746495 1.338601  36 1 0 -5.191815 3.227714 1.116493  37 1 0 -6.696679 1.576822 0.047278  38 1 0 -2.141536 -1.409920 -1.044457  39 1 0 -3.635014 -2.920349 -2.236779  40 1 0 -6.092047 -2.512875 -2.268981  41 1 0 -7.013378 -0.506260 -1.161724  42 1 0 6.808286 -0.114142 0.941942  43 1 0 5.567129 1.571504 2.258997  44 1 0 3.117937 1.794238 2.001577  45 1 0 1.931163 -1.418315 -1.385185  46 1 0 3.194334 -3.049773 -2.705852  47 1 0 5.647700 -3.307504 -2.382554  48 1 0 6.829973 -1.890448 -0.743101  49 1 0 -2.556471 -1.433036 1.780500  50 1 0 -2.842486 -3.467959 2.584332  51 1 0 2.670467 2.587655 -0.659613  52 1 0 2.966216 4.662561 -1.354061  53 1 0 -1.880814 -4.688176 1.703748  54 1 0 -1.333427 -4.128262 3.275618  55 1 0 1.494722 5.320891 -2.121959  56 1 0 1.916814 5.824597 -0.493695 |
| TM\_NP\_model\_scan\_p\_140\_p\_70 | 1 6 0 1.451608 0.375717 0.533269  2 6 0 0.616171 -0.665497 0.933995  3 6 0 -0.777014 -0.547651 0.949413  4 6 0 -1.379571 0.667112 0.536305  5 6 0 -0.536086 1.704040 0.132324  6 6 0 0.858346 1.591433 0.130045  7 6 0 -2.852790 0.858561 0.377923  8 6 0 -3.404722 2.058366 0.795537  9 6 0 -4.775465 2.347690 0.646043  10 6 0 -5.607227 1.441005 0.041124  11 6 0 -5.086704 0.233640 -0.487861  12 6 0 -3.687028 -0.057163 -0.357513  13 6 0 -3.190881 -1.209338 -1.028379  14 6 0 -4.027101 -2.053639 -1.718745  15 6 0 -5.414271 -1.797978 -1.784233  16 6 0 -5.925681 -0.673535 -1.187915  17 6 0 2.933860 0.189630 0.611173  18 6 0 3.621813 -0.679741 -0.296575  19 6 0 5.036170 -0.860138 -0.147484  20 6 0 5.721248 -0.171402 0.885864  21 6 0 5.042946 0.664948 1.735614  22 6 0 3.649406 0.843010 1.595014  23 6 0 2.964675 -1.360331 -1.357182  24 6 0 3.659355 -2.184542 -2.209336  25 6 0 5.050767 -2.372269 -2.050544  26 6 0 5.720497 -1.721862 -1.044170  27 6 0 -1.573267 -1.644295 1.544527  28 7 0 -1.078404 -2.788933 1.783096  29 6 0 -1.926768 -3.779815 2.413914  30 6 0 1.673747 2.725266 -0.353206  31 7 0 1.167041 3.860102 -0.616358  32 6 0 2.045125 4.900581 -1.111427  33 1 0 1.041861 -1.598062 1.283508  34 1 0 -0.955691 2.631532 -0.235455  35 1 0 -2.772619 2.774354 1.307916  36 1 0 -5.165493 3.286411 1.022686  37 1 0 -6.667653 1.644374 -0.063937  38 1 0 -2.130363 -1.417636 -1.012834  39 1 0 -3.615638 -2.918913 -2.226232  40 1 0 -6.065221 -2.477703 -2.322341  41 1 0 -6.984538 -0.447034 -1.258092  42 1 0 6.791191 -0.317138 0.991432  43 1 0 5.569759 1.188909 2.525144  44 1 0 3.124356 1.494654 2.284600  45 1 0 1.899428 -1.221016 -1.489987  46 1 0 3.137558 -2.694105 -3.011577  47 1 0 5.586543 -3.027566 -2.728050  48 1 0 6.790123 -1.855851 -0.919993  49 1 0 -2.614169 -1.404572 1.795877  50 1 0 -2.949081 -3.425513 2.613676  51 1 0 2.745488 2.529875 -0.483510  52 1 0 3.096812 4.588927 -1.200149  53 1 0 -1.977385 -4.668132 1.776407  54 1 0 -1.469284 -4.095739 3.356943  55 1 0 1.690321 5.233120 -2.092206  56 1 0 1.986292 5.767831 -0.446069 |
| TM\_NP\_model\_scan\_p\_140\_p\_80 | 1 6 0 -1.441488 0.279798 -0.612113  2 6 0 -0.575617 -0.748354 -0.976386  3 6 0 0.814908 -0.596498 -0.967495  4 6 0 1.379572 0.639202 -0.563195  5 6 0 0.503875 1.663429 -0.196172  6 6 0 -0.887043 1.517357 -0.222704  7 6 0 2.844637 0.868681 -0.380568  8 6 0 3.375980 2.074530 -0.807345  9 6 0 4.736831 2.398110 -0.638718  10 6 0 5.578650 1.520162 -0.005982  11 6 0 5.076935 0.309129 0.532664  12 6 0 3.686708 -0.015866 0.383487  13 6 0 3.205554 -1.168907 1.063716  14 6 0 4.049006 -1.983283 1.780703  15 6 0 5.428757 -1.694931 1.865034  16 6 0 5.924442 -0.567958 1.260269  17 6 0 -2.919243 0.052440 -0.701029  18 6 0 -3.622881 -0.640716 0.335437  19 6 0 -5.030996 -0.864554 0.189324  20 6 0 -5.693013 -0.394231 -0.973746  21 6 0 -4.998089 0.272295 -1.950668  22 6 0 -3.610196 0.494786 -1.810528  23 6 0 -2.983563 -1.108127 1.515383  24 6 0 -3.692313 -1.765755 2.491787  25 6 0 -5.079120 -1.992172 2.341962  26 6 0 -5.730017 -1.550391 1.216748  27 6 0 1.648575 -1.682600 -1.529586  28 7 0 1.185737 -2.841943 -1.761632  29 6 0 2.070474 -3.820735 -2.360511  30 6 0 -1.745379 2.642748 0.200883  31 7 0 -1.271030 3.783314 0.497021  32 6 0 -2.193799 4.817299 0.918954  33 1 0 -0.972951 -1.698258 -1.312321  34 1 0 0.893433 2.608569 0.159704  35 1 0 2.736789 2.767621 -1.341911  36 1 0 5.111540 3.339972 -1.022994  37 1 0 6.632169 1.749613 0.113810  38 1 0 2.150452 -1.401752 1.033584  39 1 0 3.648823 -2.850167 2.294420  40 1 0 6.085856 -2.351568 2.423941  41 1 0 6.976514 -0.316071 1.344516  42 1 0 -6.758596 -0.570763 -1.076502  43 1 0 -5.507451 0.629251 -2.838676  44 1 0 -3.072415 1.016006 -2.594716  45 1 0 -1.921026 -0.939396 1.637954  46 1 0 -3.185589 -2.114362 3.384666  47 1 0 -5.626083 -2.514360 3.118918  48 1 0 -6.795236 -1.718727 1.096616  49 1 0 2.688532 -1.422189 -1.763556  50 1 0 3.087291 -3.443827 -2.546618  51 1 0 -2.821945 2.436149 0.252143  52 1 0 -3.245770 4.494721 0.932667  53 1 0 2.131041 -4.697385 -1.707916  54 1 0 1.639253 -4.162770 -3.306803  55 1 0 -1.915070 5.160087 1.920510  56 1 0 -2.095402 5.680677 0.253227 |
| TM\_NP\_model\_scan\_p\_140\_p\_90 | 1 6 0 -1.432136 0.160910 -0.695996  2 6 0 -0.536662 -0.859481 -1.004134  3 6 0 0.849888 -0.672792 -0.980322  4 6 0 1.377793 0.592232 -0.620813  5 6 0 0.471678 1.611448 -0.318483  6 6 0 -0.914283 1.429960 -0.361013  7 6 0 2.833006 0.864299 -0.417856  8 6 0 3.346521 2.061856 -0.887492  9 6 0 4.694839 2.426013 -0.702025  10 6 0 5.540855 1.599157 -0.008937  11 6 0 5.054352 0.402095 0.573189  12 6 0 3.676487 0.036031 0.405564  13 6 0 3.206088 -1.097000 1.125774  14 6 0 4.050297 -1.856534 1.899795  15 6 0 5.420023 -1.529745 2.004861  16 6 0 5.903729 -0.419210 1.361220  17 6 0 -2.903167 -0.115091 -0.764263  18 6 0 -3.614236 -0.586540 0.385418  19 6 0 -5.016719 -0.857769 0.272390  20 6 0 -5.665527 -0.654401 -0.972726  21 6 0 -4.962290 -0.203421 -2.060564  22 6 0 -3.579297 0.065887 -1.952847  23 6 0 -2.984619 -0.794338 1.642187  24 6 0 -3.698923 -1.246013 2.725716  25 6 0 -5.081473 -1.515067 2.611497  26 6 0 -5.722142 -1.324583 1.412118  27 6 0 1.719772 -1.762653 -1.475722  28 7 0 1.290032 -2.943045 -1.660894  29 6 0 2.210933 -3.926887 -2.193153  30 6 0 -1.808760 2.556851 -0.025710  31 7 0 -1.365725 3.712172 0.261248  32 6 0 -2.323744 4.749982 0.583359  33 1 0 -0.905479 -1.834712 -1.297249  34 1 0 0.832205 2.582610 -0.004436  35 1 0 2.704432 2.714374 -1.467731  36 1 0 5.056799 3.358238 -1.120497  37 1 0 6.585255 1.859928 0.125718  38 1 0 2.158046 -1.357551 1.080426  39 1 0 3.658014 -2.709163 2.442638  40 1 0 6.078134 -2.143416 2.609549  41 1 0 6.946877 -0.137195 1.459673  42 1 0 -6.727457 -0.863217 -1.049510  43 1 0 -5.461618 -0.051297 -3.010819  44 1 0 -3.035917 0.420479 -2.821589  45 1 0 -1.924847 -0.593223 1.737819  46 1 0 -3.199661 -1.399040 3.675897  47 1 0 -5.633075 -1.872776 3.473638  48 1 0 -6.783456 -1.529908 1.317603  49 1 0 2.757730 -1.487500 -1.701886  50 1 0 3.219545 -3.531552 -2.385480  51 1 0 -2.884394 2.339193 -0.037020  52 1 0 -3.371256 4.415935 0.540055  53 1 0 2.286186 -4.764173 -1.492122  54 1 0 1.804246 -4.332866 -3.124888  55 1 0 -2.114591 5.132137 1.587588  56 1 0 -2.189562 5.589648 -0.106051 |
| TM\_NP\_model\_scan\_p\_140\_p\_100 | 1 6 0 -1.417082 0.000689 -0.709719  2 6 0 -0.493776 -1.019656 -0.919934  3 6 0 0.887837 -0.796905 -0.904151  4 6 0 1.381524 0.507740 -0.655946  5 6 0 0.447586 1.526361 -0.450377  6 6 0 -0.932683 1.307621 -0.486973  7 6 0 2.828104 0.836483 -0.476548  8 6 0 3.308468 2.002750 -1.049153  9 6 0 4.645442 2.419919 -0.897116  10 6 0 5.513503 1.680743 -0.135581  11 6 0 5.060376 0.525042 0.548201  12 6 0 3.693501 0.106946 0.414652  13 6 0 3.254770 -0.972766 1.230340  14 6 0 4.119829 -1.640046 2.064050  15 6 0 5.479804 -1.267344 2.137897  16 6 0 5.932090 -0.202015 1.401712  17 6 0 -2.879319 -0.318897 -0.764169  18 6 0 -3.642400 -0.503903 0.433619  19 6 0 -5.035951 -0.820833 0.327256  20 6 0 -5.623919 -0.950786 -0.957260  21 6 0 -4.869668 -0.780329 -2.089973  22 6 0 -3.496032 -0.465545 -1.989533  23 6 0 -3.071820 -0.394592 1.730381  24 6 0 -3.835294 -0.579202 2.858063  25 6 0 -5.210822 -0.884356 2.750865  26 6 0 -5.793759 -1.003091 1.513462  27 6 0 1.787426 -1.905246 -1.293995  28 7 0 1.389241 -3.108823 -1.365615  29 6 0 2.336547 -4.115049 -1.800911  30 6 0 -1.856748 2.443436 -0.289647  31 7 0 -1.442751 3.625092 -0.076105  32 6 0 -2.428349 4.672242 0.099175  33 1 0 -0.836022 -2.026821 -1.123440  34 1 0 0.781363 2.531533 -0.226952  35 1 0 2.649334 2.583384 -1.684069  36 1 0 4.981460 3.322046 -1.395548  37 1 0 6.549864 1.981760 -0.024970  38 1 0 2.214286 -1.265073 1.210286  39 1 0 3.751284 -2.453884 2.678315  40 1 0 6.154900 -1.808851 2.790840  41 1 0 6.966895 0.116423 1.473603  42 1 0 -6.679575 -1.191314 -1.027294  43 1 0 -5.321586 -0.884585 -3.069940  44 1 0 -2.913103 -0.329852 -2.893609  45 1 0 -2.016929 -0.168009 1.822922  46 1 0 -3.379787 -0.493563 3.838232  47 1 0 -5.801830 -1.027710 3.648437  48 1 0 -6.848344 -1.242486 1.423935  49 1 0 2.818293 -1.625101 -1.545081  50 1 0 3.335131 -3.714157 -2.030305  51 1 0 -2.927739 2.210067 -0.342990  52 1 0 -3.468056 4.319694 0.025747  53 1 0 2.431576 -4.878868 -1.022601  54 1 0 1.942750 -4.619300 -2.689163  55 1 0 -2.281604 5.143630 1.076155  56 1 0 -2.263102 5.450693 -0.652602 |
| TM\_NP\_model\_scan\_p\_140\_p\_110 | 1 6 0 -1.402957 -0.150908 -0.709832  2 6 0 -0.453451 -1.163837 -0.819762  3 6 0 0.922364 -0.908603 -0.825995  4 6 0 1.385023 0.424395 -0.700924  5 6 0 0.426323 1.436360 -0.605946  6 6 0 -0.948360 1.183798 -0.626673  7 6 0 2.822191 0.800637 -0.542496  8 6 0 3.285224 1.916388 -1.220348  9 6 0 4.611841 2.374129 -1.097010  10 6 0 5.486619 1.728886 -0.261411  11 6 0 5.049861 0.634041 0.525432  12 6 0 3.692901 0.177227 0.421317  13 6 0 3.267092 -0.828269 1.333280  14 6 0 4.136603 -1.394558 2.234364  15 6 0 5.488289 -0.989016 2.282954  16 6 0 5.927115 0.009807 1.451517  17 6 0 -2.853339 -0.517942 -0.712620  18 6 0 -3.653473 -0.416108 0.472404  19 6 0 -5.034677 -0.793965 0.412033  20 6 0 -5.573515 -1.272927 -0.809683  21 6 0 -4.782858 -1.382102 -1.924882  22 6 0 -3.422811 -1.005595 -1.871830  23 6 0 -3.131715 0.029479 1.717047  24 6 0 -3.931281 0.116437 2.831357  25 6 0 -5.296661 -0.240446 2.764551  26 6 0 -5.831413 -0.687949 1.582008  27 6 0 1.848141 -2.028242 -1.107374  28 7 0 1.472499 -3.240914 -1.083067  29 6 0 2.442805 -4.262157 -1.422012  30 6 0 -1.895395 2.317354 -0.577687  31 7 0 -1.507418 3.519057 -0.441083  32 6 0 -2.512283 4.562328 -0.420206  33 1 0 -0.770254 -2.194880 -0.917288  34 1 0 0.735455 2.467239 -0.489485  35 1 0 2.621534 2.419939 -1.913655  36 1 0 4.935055 3.231720 -1.676026  37 1 0 6.515508 2.060831 -0.171272  38 1 0 2.232777 -1.142331 1.333132  39 1 0 3.777844 -2.152764 2.921345  40 1 0 6.167220 -1.451865 2.990180  41 1 0 6.954734 0.354687 1.500845  42 1 0 -6.620300 -1.556082 -0.844319  43 1 0 -5.196279 -1.753751 -2.855678  44 1 0 -2.812738 -1.088093 -2.764272  45 1 0 -2.084842 0.297368 1.783590  46 1 0 -3.511212 0.457089 3.771054  47 1 0 -5.916905 -0.165781 3.650655  48 1 0 -6.876875 -0.972924 1.524689  49 1 0 2.877176 -1.750591 -1.367989  50 1 0 3.439389 -3.864107 -1.664699  51 1 0 -2.958495 2.064668 -0.676593  52 1 0 -3.541694 4.188988 -0.527614  53 1 0 2.534612 -4.962280 -0.585664  54 1 0 2.073106 -4.839625 -2.275444  55 1 0 -2.432765 5.118429 0.519273  56 1 0 -2.306837 5.275262 -1.225151 |
| TM\_NP\_model\_scan\_p\_140\_p\_120 | 1 6 0 -1.395564 -0.240961 -0.712044  2 6 0 -0.429975 -1.244639 -0.763740  3 6 0 0.942066 -0.972617 -0.780795  4 6 0 1.387517 0.370805 -0.727160  5 6 0 0.414746 1.373171 -0.693160  6 6 0 -0.956420 1.102456 -0.703216  7 6 0 2.818447 0.774647 -0.581712  8 6 0 3.271086 1.857294 -1.317810  9 6 0 4.590405 2.339765 -1.211779  10 6 0 5.467383 1.755673 -0.334538  11 6 0 5.039311 0.701651 0.510691  12 6 0 3.689965 0.219809 0.422400  13 6 0 3.270217 -0.737545 1.387347  14 6 0 4.139459 -1.237564 2.327110  15 6 0 5.484629 -0.809669 2.363450  16 6 0 5.916922 0.145360 1.478825  17 6 0 -2.836302 -0.635073 -0.660794  18 6 0 -3.662657 -0.344983 0.476591  19 6 0 -5.030443 -0.774800 0.467007  20 6 0 -5.528487 -1.497876 -0.646827  21 6 0 -4.708591 -1.800617 -1.703564  22 6 0 -3.363548 -1.373574 -1.702908  23 6 0 -3.179205 0.322159 1.635157  24 6 0 -4.003614 0.579304 2.704230  25 6 0 -5.358846 0.181549 2.678132  26 6 0 -5.855380 -0.483799 1.585226  27 6 0 1.883103 -2.094626 -0.994336  28 7 0 1.521076 -3.308750 -0.909603  29 6 0 2.506467 -4.334889 -1.183956  30 6 0 -1.913239 2.228509 -0.753177  31 7 0 -1.542165 3.438391 -0.645695  32 6 0 -2.553048 4.472313 -0.735266  33 1 0 -0.731514 -2.284284 -0.796587  34 1 0 0.709590 2.413360 -0.638354  35 1 0 2.606005 2.311548 -2.043088  36 1 0 4.906304 3.167460 -1.836531  37 1 0 6.490902 2.106698 -0.256316  38 1 0 2.240487 -1.066233 1.396838  39 1 0 3.785404 -1.959887 3.054045  40 1 0 6.163406 -1.220199 3.102430  41 1 0 6.938964 0.507805 1.516648  42 1 0 -6.565716 -1.816031 -0.642316  43 1 0 -5.087909 -2.364198 -2.548431  44 1 0 -2.732517 -1.607612 -2.552829  45 1 0 -2.140377 0.622795 1.676955  46 1 0 -3.609662 1.086241 3.577909  47 1 0 -5.999701 0.393963 3.526432  48 1 0 -6.890884 -0.807339 1.562495  49 1 0 2.911520 -1.819082 -1.259536  50 1 0 3.500224 -3.938539 -1.440505  51 1 0 -2.966578 1.962498 -0.905973  52 1 0 -3.571316 4.084991 -0.888915  53 1 0 2.599624 -4.986346 -0.309295  54 1 0 2.151111 -4.963302 -2.006919  55 1 0 -2.535855 5.071349 0.180700  56 1 0 -2.302313 5.149463 -1.558071 |
| TM\_NP\_model\_scan\_p\_140\_p\_130 | 1 6 0 -1.390547 -0.304459 -0.721312  2 6 0 -0.408334 -1.294976 -0.740353  3 6 0 0.959593 -1.006599 -0.762536  4 6 0 1.388643 0.342883 -0.740155  5 6 0 0.402294 1.332243 -0.740526  6 6 0 -0.965223 1.044397 -0.750199  7 6 0 2.812950 0.768710 -0.594811  8 6 0 3.257967 1.837839 -1.354994  9 6 0 4.570100 2.339897 -1.250819  10 6 0 5.447098 1.790036 -0.351706  11 6 0 5.025512 0.752417 0.516741  12 6 0 3.683270 0.250925 0.429959  13 6 0 3.267828 -0.687052 1.415505  14 6 0 4.135577 -1.151942 2.374497  15 6 0 5.474751 -0.705689 2.410779  16 6 0 5.902074 0.232329 1.505779  17 6 0 -2.820212 -0.722867 -0.615080  18 6 0 -3.668985 -0.297201 0.464767  19 6 0 -5.021970 -0.771661 0.510463  20 6 0 -5.480227 -1.681668 -0.475397  21 6 0 -4.632340 -2.128732 -1.456038  22 6 0 -3.305200 -1.655850 -1.514082  23 6 0 -3.221806 0.535423 1.527273  24 6 0 -4.068075 0.916539 2.540806  25 6 0 -5.413039 0.485787 2.554808  26 6 0 -5.872889 -0.344495 1.563961  27 6 0 1.915265 -2.122241 -0.942357  28 7 0 1.567263 -3.338419 -0.832142  29 6 0 2.567346 -4.358351 -1.074761  30 6 0 -1.929315 2.159516 -0.873542  31 7 0 -1.576393 3.375146 -0.771367  32 6 0 -2.589267 4.396311 -0.945958  33 1 0 -0.693172 -2.339727 -0.734660  34 1 0 0.682890 2.377584 -0.717509  35 1 0 2.593378 2.264747 -2.097114  36 1 0 4.880593 3.155314 -1.894151  37 1 0 6.465329 2.156272 -0.274235  38 1 0 2.242242 -1.028394 1.425403  39 1 0 3.784757 -1.860306 3.116565  40 1 0 6.152571 -1.088455 3.165376  41 1 0 6.918998 0.608986 1.542699  42 1 0 -6.506597 -2.030075 -0.428889  43 1 0 -4.976603 -2.840822 -2.197443  44 1 0 -2.656633 -2.002930 -2.310353  45 1 0 -2.191157 0.863024 1.545947  46 1 0 -3.697573 1.546872 3.341358  47 1 0 -6.072537 0.799480 3.356084  48 1 0 -6.897702 -0.700903 1.577044  49 1 0 2.942322 -1.840606 -1.206478  50 1 0 3.557814 -3.955646 -1.334047  51 1 0 -2.969298 1.879343 -1.082552  52 1 0 -3.592702 3.995127 -1.152293  53 1 0 2.662517 -4.987084 -0.183839  54 1 0 2.225915 -5.010987 -1.884660  55 1 0 -2.633490 5.015800 -0.044628  56 1 0 -2.294984 5.057490 -1.767337 |
| TM\_NP\_model\_scan\_p\_140\_p\_140 | 1 6 0 1.389197 0.338189 -0.740673  2 6 0 0.392048 1.316223 -0.748364  3 6 0 -0.972407 1.015180 -0.765869  4 6 0 -1.389252 -0.337881 -0.740959  5 6 0 -0.392106 -1.315933 -0.748603  6 6 0 0.972342 -1.014887 -0.765853  7 6 0 -2.808094 -0.778053 -0.588029  8 6 0 -3.246179 -1.851777 -1.345890  9 6 0 -4.552959 -2.366275 -1.235782  10 6 0 -5.431254 -1.824456 -0.333022  11 6 0 -5.015738 -0.782685 0.533347  12 6 0 -3.678726 -0.268479 0.440579  13 6 0 -3.267700 0.673243 1.424380  14 6 0 -4.135513 1.129979 2.387234  15 6 0 -5.470304 0.671266 2.429316  16 6 0 -5.892787 -0.270756 1.526209  17 6 0 2.808037 0.778278 -0.587744  18 6 0 3.678774 0.268371 0.440619  19 6 0 5.015851 0.782387 0.533291  20 6 0 5.431350 1.824345 -0.332872  21 6 0 4.552951 2.366531 -1.235305  22 6 0 3.246110 1.852174 -1.345367  23 6 0 3.267739 -0.673458 1.424315  24 6 0 4.135637 -1.130524 2.386932  25 6 0 5.470512 -0.672022 2.428886  26 6 0 5.892987 0.270131 1.525913  27 6 0 -1.938858 2.123230 -0.936373  28 7 0 -1.601040 3.342072 -0.824198  29 6 0 -2.611767 4.353929 -1.056417  30 6 0 1.938775 -2.122940 -0.936426  31 7 0 1.600846 -3.341779 -0.824573  32 6 0 2.611570 -4.353635 -1.056825  33 1 0 0.660938 2.364732 -0.729128  34 1 0 -0.661005 -2.364440 -0.729512  35 1 0 -2.580996 -2.272317 -2.091095  36 1 0 -4.858512 -3.184742 -1.877602  37 1 0 -6.445631 -2.200282 -0.251082  38 1 0 -2.245184 1.023772 1.430045  39 1 0 -3.787995 1.841409 3.127914  40 1 0 -6.148365 1.047632 3.186908  41 1 0 -6.905948 -0.656965 1.567645  42 1 0 6.445792 2.200012 -0.251018  43 1 0 4.858468 3.185162 -1.876934  44 1 0 2.580859 2.272981 -2.090359  45 1 0 2.245175 -1.023855 1.430039  46 1 0 3.788133 -1.842051 3.127525  47 1 0 6.148646 -1.048669 3.186273  48 1 0 6.906211 0.656184 1.567258  49 1 0 -2.964987 1.833392 -1.195111  50 1 0 -3.600027 3.943279 -1.311547  51 1 0 2.964975 -1.833106 -1.194881  52 1 0 3.599909 -3.942965 -1.311611  53 1 0 -2.707383 4.977718 -0.162080  54 1 0 -2.281227 5.013219 -1.865426  55 1 0 2.706932 -4.977658 -0.162625  56 1 0 2.281171 -5.012686 -1.866083 |
| TM\_NP\_model\_scan\_p\_140\_p\_150 | 1 6 0 1.388672 0.366234 -0.764314  2 6 0 0.374132 1.329149 -0.773300  3 6 0 -0.986306 1.013388 -0.783394  4 6 0 -1.389555 -0.342961 -0.736794  5 6 0 -0.380267 -1.307694 -0.740468  6 6 0 0.980334 -0.991533 -0.770320  7 6 0 -2.801867 -0.797358 -0.569184  8 6 0 -3.231699 -1.886699 -1.309409  9 6 0 -4.531817 -2.414473 -1.184687  10 6 0 -5.411554 -1.869615 -0.285165  11 6 0 -5.003646 -0.810442 0.563542  12 6 0 -3.673104 -0.282495 0.456287  13 6 0 -3.267947 0.678299 1.423963  14 6 0 -4.136207 1.139541 2.384276  15 6 0 -5.465471 0.666412 2.439930  16 6 0 -5.881561 -0.293812 1.553170  17 6 0 2.795473 0.829641 -0.563098  18 6 0 3.687599 0.254269 0.416282  19 6 0 5.009705 0.799351 0.553738  20 6 0 5.382283 1.945480 -0.190588  21 6 0 4.471845 2.561550 -1.009481  22 6 0 3.185949 2.013012 -1.172637  23 6 0 3.312678 -0.772991 1.326990  24 6 0 4.202706 -1.289939 2.237864  25 6 0 5.529188 -0.811295 2.301032  26 6 0 5.914222 0.219508 1.482808  27 6 0 -1.964797 2.109860 -0.961479  28 7 0 -1.638752 3.333416 -0.867651  29 6 0 -2.661382 4.331863 -1.105953  30 6 0 1.948183 -2.092928 -0.981343  31 7 0 1.626094 -3.314836 -0.859029  32 6 0 2.633485 -4.317143 -1.142023  33 1 0 0.622357 2.382198 -0.753132  34 1 0 -0.635231 -2.359495 -0.712904  35 1 0 -2.565778 -2.310302 -2.052198  36 1 0 -4.831270 -3.245681 -1.812865  37 1 0 -6.421053 -2.255870 -0.192215  38 1 0 -2.249350 1.040110 1.419532  39 1 0 -3.793177 1.865734 3.112614  40 1 0 -6.144069 1.046374 3.195240  41 1 0 -6.889989 -0.690913 1.605561  42 1 0 6.384970 2.342914 -0.074518  43 1 0 4.736841 3.464303 -1.547930  44 1 0 2.506654 2.492942 -1.866856  45 1 0 2.297309 -1.141233 1.326576  46 1 0 3.876825 -2.064096 2.923410  47 1 0 6.226805 -1.238102 3.012695  48 1 0 6.916563 0.629700 1.548995  49 1 0 -2.989635 1.806365 -1.209379  50 1 0 -3.647023 3.907757 -1.348829  51 1 0 2.958898 -1.793178 -1.285732  52 1 0 3.604641 -3.897042 -1.443258  53 1 0 -2.757436 4.966215 -0.219127  54 1 0 -2.343283 4.983893 -1.925766  55 1 0 2.777828 -4.941833 -0.254837  56 1 0 2.270555 -4.977896 -1.935800 |
| TM\_NP\_model\_scan\_p\_140\_p\_160 | 1 6 0 1.389204 0.386815 -0.786360  2 6 0 0.355820 1.332497 -0.809364  3 6 0 -1.000313 1.001704 -0.809353  4 6 0 -1.389713 -0.356596 -0.726943  5 6 0 -0.367759 -1.306751 -0.716790  6 6 0 0.988601 -0.975316 -0.761400  7 6 0 -2.795194 -0.823524 -0.541067  8 6 0 -3.215308 -1.935993 -1.252063  9 6 0 -4.508680 -2.475317 -1.108614  10 6 0 -5.391293 -1.917835 -0.219695  11 6 0 -4.992576 -0.832719 0.600088  12 6 0 -3.668560 -0.292602 0.474336  13 6 0 -3.270965 0.696962 1.415836  14 6 0 -4.141192 1.172777 2.367235  15 6 0 -5.464843 0.686353 2.439768  16 6 0 -5.872936 -0.300956 1.579423  17 6 0 2.782335 0.877533 -0.538885  18 6 0 3.699746 0.252102 0.391090  19 6 0 5.008122 0.822438 0.564767  20 6 0 5.334208 2.049714 -0.061307  21 6 0 4.386173 2.720642 -0.788599  22 6 0 3.120493 2.143932 -0.998320  23 6 0 3.362563 -0.841015 1.238137  24 6 0 4.277102 -1.403346 2.096570  25 6 0 5.596588 -0.908581 2.169964  26 6 0 5.942957 0.191108 1.428372  27 6 0 -1.990627 2.084321 -1.007493  28 7 0 -1.676796 3.312961 -0.943708  29 6 0 -2.710822 4.295329 -1.199312  30 6 0 1.955657 -2.072440 -1.006036  31 7 0 1.646811 -3.296592 -0.874364  32 6 0 2.648142 -4.291529 -1.201618  33 1 0 0.580188 2.390239 -0.801732  34 1 0 -0.607577 -2.361517 -0.671901  35 1 0 -2.547525 -2.370476 -1.986828  36 1 0 -4.800881 -3.325617 -1.714251  37 1 0 -6.395875 -2.313218 -0.112862  38 1 0 -2.256408 1.069640 1.398890  39 1 0 -3.803914 1.920972 3.075718  40 1 0 -6.145167 1.077889 3.187574  41 1 0 -6.876544 -0.708056 1.645700  42 1 0 6.326035 2.465182 0.081326  43 1 0 4.606599 3.688592 -1.223896  44 1 0 2.425582 2.673136 -1.638156  45 1 0 2.353499 -1.223751 1.239761  46 1 0 3.973809 -2.225685 2.734733  47 1 0 6.315730 -1.373109 2.834991  48 1 0 6.935214 0.621893 1.512900  49 1 0 -3.013568 1.764867 -1.242760  50 1 0 -3.693218 3.855687 -1.427174  51 1 0 2.951014 -1.765335 -1.351267  52 1 0 3.603136 -3.864174 -1.541850  53 1 0 -2.809007 4.948751 -0.326682  54 1 0 -2.403718 4.931646 -2.035504  55 1 0 2.833765 -4.917481 -0.322988  56 1 0 2.257129 -4.952893 -1.981435 |
| TM\_NP\_model\_scan\_p\_150\_m\_0 | 1 6 0 -1.470471 0.587019 -0.315603  2 6 0 -0.715025 -0.593041 -0.420694  3 6 0 0.670217 -0.642778 -0.601895  4 6 0 1.426445 0.550384 -0.590215  5 6 0 0.696440 1.734566 -0.443159  6 6 0 -0.690472 1.785013 -0.318132  7 6 0 2.915955 0.628410 -0.524277  8 6 0 3.539695 1.709795 -1.129534  9 6 0 4.933278 1.902162 -1.085787  10 6 0 5.726186 1.024092 -0.393239  11 6 0 5.141820 -0.034544 0.344850  12 6 0 3.716946 -0.215687 0.331241  13 6 0 3.175282 -1.167013 1.239621  14 6 0 3.981859 -1.949877 2.030535  15 6 0 5.386974 -1.830747 1.966942  16 6 0 5.947952 -0.883241 1.149615  17 6 0 -2.840751 0.485678 0.282469  18 6 0 -3.729295 -0.637070 0.020378  19 6 0 -4.994924 -0.693859 0.698958  20 6 0 -5.436977 0.410806 1.468689  21 6 0 -4.679947 1.548996 1.522426  22 6 0 -3.412730 1.586716 0.907462  23 6 0 -3.485752 -1.656755 -0.942735  24 6 0 -4.349391 -2.712411 -1.122188  25 6 0 -5.523818 -2.823347 -0.351091  26 6 0 -5.843048 -1.819244 0.526386  27 6 0 1.281723 -1.949869 -0.939411  28 7 0 0.648910 -3.045795 -0.838925  29 6 0 1.323054 -4.262789 -1.243777  30 6 0 -1.295564 3.136832 -0.421666  31 7 0 -0.687202 4.192142 -0.063076  32 6 0 -1.332395 5.467295 -0.305551  33 1 0 -1.184758 -1.557911 -0.316490  34 1 0 1.210189 2.685800 -0.397685  35 1 0 2.944760 2.389603 -1.727694  36 1 0 5.371253 2.740103 -1.615970  37 1 0 6.803921 1.145744 -0.371707  38 1 0 2.103473 -1.260271 1.335011  39 1 0 3.531970 -2.655954 2.719331  40 1 0 6.013824 -2.464939 2.583481  41 1 0 7.024148 -0.747615 1.122299  42 1 0 -6.395648 0.351279 1.972742  43 1 0 -5.030002 2.421613 2.061955  44 1 0 -2.811975 2.464443 1.092920  45 1 0 -2.624477 -1.590089 -1.588759  46 1 0 -4.126716 -3.458870 -1.876241  47 1 0 -6.184482 -3.672753 -0.482007  48 1 0 -6.773258 -1.850086 1.084143  49 1 0 2.310592 -1.914754 -1.319142  50 1 0 2.345057 -4.099887 -1.616986  51 1 0 -2.288006 3.180058 -0.891610  52 1 0 -2.322137 5.381094 -0.779757  53 1 0 1.362141 -4.951365 -0.393795  54 1 0 0.734865 -4.758060 -2.022853  55 1 0 -1.437941 6.004208 0.642369  56 1 0 -0.688352 6.081231 -0.943256 |
| TM\_NP\_model\_scan\_p\_150\_m\_10 | 1 6 0 -1.457738 0.532761 -0.232823  2 6 0 -0.699923 -0.643999 -0.331827  3 6 0 0.681712 -0.678081 -0.538932  4 6 0 1.418925 0.528409 -0.578839  5 6 0 0.678825 1.708013 -0.448185  6 6 0 -0.706187 1.742694 -0.290788  7 6 0 2.908988 0.626358 -0.552459  8 6 0 3.503940 1.698108 -1.202132  9 6 0 4.895641 1.908291 -1.198512  10 6 0 5.716540 1.058944 -0.502769  11 6 0 5.163942 0.014201 0.278232  12 6 0 3.741505 -0.183743 0.305868  13 6 0 3.234575 -1.115237 1.254193  14 6 0 4.070317 -1.865958 2.045942  15 6 0 5.471854 -1.732660 1.943028  16 6 0 6.000381 -0.802314 1.085410  17 6 0 -2.829834 0.438097 0.353297  18 6 0 -3.750066 -0.630392 0.010772  19 6 0 -5.030886 -0.678715 0.659239  20 6 0 -5.432059 0.379078 1.513037  21 6 0 -4.617012 1.464777 1.688214  22 6 0 -3.341964 1.497734 1.089559  23 6 0 -3.507552 -1.605670 -0.996811  24 6 0 -4.406126 -2.611780 -1.264587  25 6 0 -5.613953 -2.710668 -0.543754  26 6 0 -5.920622 -1.750902 0.386574  27 6 0 1.306578 -1.983757 -0.856711  28 7 0 0.696976 -3.086737 -0.704044  29 6 0 1.379378 -4.303761 -1.094441  30 6 0 -1.349036 3.075579 -0.392315  31 7 0 -0.735907 4.155015 -0.124597  32 6 0 -1.429950 5.407491 -0.348415  33 1 0 -1.167560 -1.609174 -0.208198  34 1 0 1.181371 2.666293 -0.441993  35 1 0 2.885954 2.354049 -1.803586  36 1 0 5.309675 2.736628 -1.761981  37 1 0 6.792865 1.193935 -0.511571  38 1 0 2.166736 -1.218249 1.379368  39 1 0 3.646632 -2.557227 2.765694  40 1 0 6.121765 -2.341905 2.560846  41 1 0 7.073814 -0.655138 1.026818  42 1 0 -6.402630 0.326187 1.994631  43 1 0 -4.931289 2.297185 2.307471  44 1 0 -2.695837 2.325087 1.347081  45 1 0 -2.613056 -1.542727 -1.597549  46 1 0 -4.185743 -3.328648 -2.047491  47 1 0 -6.305537 -3.519933 -0.748661  48 1 0 -6.867754 -1.779132 0.915223  49 1 0 2.322601 -1.942181 -1.269061  50 1 0 2.385530 -4.135228 -1.506282  51 1 0 -2.380896 3.081013 -0.769048  52 1 0 -2.455724 5.285146 -0.728520  53 1 0 1.458713 -4.965281 -0.225943  54 1 0 0.774861 -4.832583 -1.838142  55 1 0 -1.463166 5.973858 0.587621  56 1 0 -0.859973 6.012700 -1.060640 |
| TM\_NP\_model\_scan\_p\_150\_m\_20 | 1 6 0 -1.445111 0.481925 -0.149980  2 6 0 -0.684480 -0.690770 -0.244265  3 6 0 0.692994 -0.709984 -0.477270  4 6 0 1.410138 0.507645 -0.566692  5 6 0 0.659319 1.681828 -0.450909  6 6 0 -0.723172 1.701804 -0.262606  7 6 0 2.899437 0.624444 -0.579377  8 6 0 3.464721 1.685904 -1.270888  9 6 0 4.853349 1.912844 -1.307470  10 6 0 5.701741 1.091937 -0.610706  11 6 0 5.181607 0.062016 0.211217  12 6 0 3.762831 -0.151996 0.279664  13 6 0 3.291253 -1.062827 1.265727  14 6 0 4.155795 -1.780639 2.057143  15 6 0 5.552556 -1.633538 1.915656  16 6 0 6.047952 -0.721588 1.019330  17 6 0 -2.824243 0.393107 0.413711  18 6 0 -3.766618 -0.623127 -0.001717  19 6 0 -5.059601 -0.667352 0.620930  20 6 0 -5.429828 0.336593 1.550764  21 6 0 -4.570748 1.365399 1.832682  22 6 0 -3.288541 1.398209 1.249251  23 6 0 -3.521735 -1.552194 -1.050915  24 6 0 -4.446553 -2.508014 -1.399687  25 6 0 -5.680999 -2.596922 -0.722672  26 6 0 -5.980146 -1.685191 0.257406  27 6 0 1.330859 -2.013185 -0.778525  28 7 0 0.743539 -3.121130 -0.581030  29 6 0 1.434284 -4.337082 -0.959964  30 6 0 -1.398396 3.017893 -0.354483  31 7 0 -0.786660 4.114645 -0.164455  32 6 0 -1.521174 5.348222 -0.361833  33 1 0 -1.149275 -1.656349 -0.104459  34 1 0 1.150088 2.645745 -0.480886  35 1 0 2.823987 2.318239 -1.873831  36 1 0 5.242820 2.731005 -1.902440  37 1 0 6.775762 1.239372 -0.649842  38 1 0 2.228278 -1.175588 1.420553  39 1 0 3.758826 -2.456222 2.806440  40 1 0 6.225149 -2.217198 2.533899  41 1 0 7.117655 -0.563176 0.929938  42 1 0 -6.409960 0.287408 2.013082  43 1 0 -4.859098 2.151330 2.521407  44 1 0 -2.608586 2.177483 1.566753  45 1 0 -2.600035 -1.493181 -1.610801  46 1 0 -4.226848 -3.193419 -2.210472  47 1 0 -6.395786 -3.365068 -0.995213  48 1 0 -6.941243 -1.713191 0.760263  49 1 0 2.334608 -1.966426 -1.219376  50 1 0 2.427331 -4.163930 -1.400708  51 1 0 -2.456998 2.994892 -0.645068  52 1 0 -2.572704 5.197533 -0.650081  53 1 0 1.544720 -4.976856 -0.078688  54 1 0 0.819445 -4.891872 -1.675811  55 1 0 -1.486297 5.940003 0.558292  56 1 0 -1.024950 5.942693 -1.135685 |
| TM\_NP\_model\_scan\_p\_150\_m\_30 | 1 6 0 -1.433022 0.435789 -0.067712  2 6 0 -0.669248 -0.732415 -0.161045  3 6 0 0.703642 -0.737540 -0.419896  4 6 0 1.400611 0.489106 -0.553740  5 6 0 0.639046 1.657225 -0.449045  6 6 0 -0.740095 1.663150 -0.230721  7 6 0 2.888072 0.623457 -0.603550  8 6 0 3.423875 1.675449 -1.331915  9 6 0 4.808306 1.918346 -1.406139  10 6 0 5.682797 1.124336 -0.710544  11 6 0 5.194662 0.108025 0.147160  12 6 0 3.780606 -0.121626 0.253385  13 6 0 3.343467 -1.014188 1.271603  14 6 0 4.235129 -1.701580 2.059959  15 6 0 5.626312 -1.540585 1.882954  16 6 0 6.089320 -0.644796 0.953608  17 6 0 -2.820665 0.349206 0.471180  18 6 0 -3.779521 -0.611485 -0.017937  19 6 0 -5.080790 -0.661983 0.585127  20 6 0 -5.425884 0.272873 1.593477  21 6 0 -4.532950 1.239391 1.976386  22 6 0 -3.245760 1.282070 1.403811  23 6 0 -3.532210 -1.482630 -1.114637  24 6 0 -4.476022 -2.386389 -1.541526  25 6 0 -5.729842 -2.474957 -0.899668  26 6 0 -6.023984 -1.622413 0.134043  27 6 0 1.353753 -2.037210 -0.709337  28 7 0 0.788526 -3.148962 -0.472529  29 6 0 1.487355 -4.362751 -0.843560  30 6 0 -1.443853 2.963936 -0.307059  31 7 0 -0.837971 4.074339 -0.191068  32 6 0 -1.607714 5.290924 -0.355927  33 1 0 -1.130151 -1.699040 -0.009107  34 1 0 1.117665 2.625709 -0.510960  35 1 0 2.761500 2.285686 -1.934239  36 1 0 5.173547 2.727091 -2.028714  37 1 0 6.753698 1.283755 -0.778081  38 1 0 2.285914 -1.136804 1.453801  39 1 0 3.864181 -2.363591 2.834302  40 1 0 6.320224 -2.100561 2.499544  41 1 0 7.154537 -0.475157 0.835835  42 1 0 -6.412344 0.219412 2.041724  43 1 0 -4.801068 1.967501 2.733471  44 1 0 -2.540640 2.013982 1.777323  45 1 0 -2.590143 -1.420610 -1.640592  46 1 0 -4.257175 -3.031448 -2.385010  47 1 0 -6.461390 -3.200246 -1.237488  48 1 0 -6.995363 -1.657243 0.616316  49 1 0 2.345058 -1.985499 -1.176987  50 1 0 2.467637 -4.184980 -1.310326  51 1 0 -2.521282 2.917440 -0.511073  52 1 0 -2.675467 5.116516 -0.558315  53 1 0 1.626573 -4.983604 0.047111  54 1 0 0.864096 -4.939772 -1.534151  55 1 0 -1.512319 5.903096 0.546418  56 1 0 -1.183532 5.876328 -1.178037 |
| TM\_NP\_model\_scan\_p\_150\_m\_40 | 1 6 0 -1.421925 0.392958 0.015809  2 6 0 -0.654050 -0.770083 -0.081026  3 6 0 0.713587 -0.761380 -0.366427  4 6 0 1.390037 0.472973 -0.539304  5 6 0 0.617558 1.634210 -0.440140  6 6 0 -0.757272 1.626211 -0.191403  7 6 0 2.874648 0.624318 -0.625119  8 6 0 3.380696 1.668546 -1.385205  9 6 0 4.759906 1.927215 -1.494913  10 6 0 5.659704 1.158303 -0.803392  11 6 0 5.203657 0.153149 0.084530  12 6 0 3.795336 -0.092366 0.226081  13 6 0 3.392255 -0.970590 1.270524  14 6 0 4.309782 -1.631181 2.052048  15 6 0 5.694596 -1.455646 1.841765  16 6 0 6.125485 -0.572137 0.885635  17 6 0 -2.817900 0.301960 0.531372  18 6 0 -3.789133 -0.594932 -0.037384  19 6 0 -5.096365 -0.664690 0.549346  20 6 0 -5.422247 0.181086 1.639610  21 6 0 -4.503487 1.076904 2.122467  22 6 0 -3.211890 1.140202 1.560657  23 6 0 -3.539073 -1.388693 -1.190292  24 6 0 -4.496345 -2.234085 -1.698283  25 6 0 -5.764523 -2.335249 -1.085921  26 6 0 -6.055807 -1.560333 0.008266  27 6 0 1.375490 -2.056473 -0.648975  28 7 0 0.833424 -3.171534 -0.376343  29 6 0 1.540248 -4.381848 -0.743413  30 6 0 -1.485496 2.913583 -0.244766  31 7 0 -0.888886 4.034313 -0.201279  32 6 0 -1.687544 5.236967 -0.324560  33 1 0 -1.109547 -1.738574 0.080098  34 1 0 1.083464 2.606742 -0.529223  35 1 0 2.697415 2.258601 -1.984280  36 1 0 5.100856 2.728025 -2.141088  37 1 0 6.726701 1.329828 -0.897750  38 1 0 2.340640 -1.103504 1.478012  39 1 0 3.964505 -2.283082 2.846580  40 1 0 6.408979 -1.994609 2.453695  41 1 0 7.185553 -0.391023 0.741452  42 1 0 -6.413440 0.114528 2.075570  43 1 0 -4.756267 1.732420 2.948109  44 1 0 -2.487569 1.819423 1.994268  45 1 0 -2.581393 -1.314152 -1.686868  46 1 0 -4.277874 -2.823722 -2.581511  47 1 0 -6.507980 -3.012462 -1.490945  48 1 0 -7.034922 -1.611188 0.473173  49 1 0 2.353396 -1.999197 -1.143512  50 1 0 2.506289 -4.198852 -1.237161  51 1 0 -2.574927 2.848315 -0.358022  52 1 0 -2.765261 5.044553 -0.437779  53 1 0 1.709950 -4.984889 0.154181  54 1 0 0.908588 -4.979589 -1.408289  55 1 0 -1.529522 5.866453 0.556854  56 1 0 -1.338977 5.813113 -1.187728 |
| TM\_NP\_model\_scan\_p\_150\_m\_50 | 1 6 0 -1.411820 0.344695 0.113126  2 6 0 -0.634958 -0.809799 0.008364  3 6 0 0.726024 -0.783173 -0.306910  4 6 0 1.377281 0.460164 -0.515057  5 6 0 0.590830 1.611472 -0.412484  6 6 0 -0.777994 1.585109 -0.130068  7 6 0 2.857086 0.632366 -0.641924  8 6 0 3.327055 1.672841 -1.429759  9 6 0 4.698876 1.950361 -1.579425  10 6 0 5.628140 1.205460 -0.900659  11 6 0 5.210806 0.206779 0.013167  12 6 0 3.810537 -0.057739 0.194859  13 6 0 3.448193 -0.927418 1.261096  14 6 0 4.395587 -1.563650 2.026984  15 6 0 5.771664 -1.370098 1.778437  16 6 0 6.164066 -0.493329 0.799809  17 6 0 -2.816100 0.237369 0.605539  18 6 0 -3.793635 -0.579437 -0.058413  19 6 0 -5.110756 -0.677677 0.500569  20 6 0 -5.429243 0.052350 1.673744  21 6 0 -4.492960 0.860187 2.266638  22 6 0 -3.193160 0.954316 1.726949  23 6 0 -3.532786 -1.270424 -1.273209  24 6 0 -4.498048 -2.039713 -1.877379  25 6 0 -5.783002 -2.161692 -1.303922  26 6 0 -6.079845 -1.490044 -0.144625  27 6 0 1.401805 -2.070848 -0.589952  28 7 0 0.888060 -3.190423 -0.283097  29 6 0 1.604083 -4.394401 -0.653151  30 6 0 -1.531069 2.857966 -0.152291  31 7 0 -0.952276 3.988439 -0.185871  32 6 0 -1.779155 5.176014 -0.256572  33 1 0 -1.080621 -1.782189 0.176587  34 1 0 1.040210 2.589396 -0.524326  35 1 0 2.619451 2.243886 -2.018931  36 1 0 5.010518 2.746450 -2.245922  37 1 0 6.689554 1.391427 -1.025620  38 1 0 2.404404 -1.073433 1.497201  39 1 0 4.080977 -2.210129 2.838494  40 1 0 6.509840 -1.889886 2.378603  41 1 0 7.217166 -0.298406 0.625620  42 1 0 -6.428024 -0.033722 2.088564  43 1 0 -4.739921 1.422873 3.159805  44 1 0 -2.457404 1.570302 2.231205  45 1 0 -2.557985 -1.179001 -1.733415  46 1 0 -4.273238 -2.553971 -2.805012  47 1 0 -6.533594 -2.776965 -1.787085  48 1 0 -7.069096 -1.563173 0.295197  49 1 0 2.363128 -2.004575 -1.114975  50 1 0 2.552204 -4.203250 -1.177651  51 1 0 -2.624698 2.773301 -0.164055  52 1 0 -2.859243 4.965125 -0.264411  53 1 0 1.809901 -4.980988 0.247782  54 1 0 0.963373 -5.012359 -1.290334  55 1 0 -1.549968 5.825721 0.594015  56 1 0 -1.522426 5.739446 -1.159444 |
| TM\_NP\_model\_scan\_p\_150\_m\_60 | 1 6 0 -1.398346 0.280141 0.190615  2 6 0 -0.608494 -0.861413 0.061972  3 6 0 0.745467 -0.808194 -0.280888  4 6 0 1.368096 0.448041 -0.501555  5 6 0 0.563310 1.585087 -0.383442  6 6 0 -0.798419 1.531729 -0.070642  7 6 0 2.842268 0.647821 -0.654570  8 6 0 3.279231 1.695752 -1.451277  9 6 0 4.642826 2.000463 -1.622139  10 6 0 5.597039 1.276182 -0.955748  11 6 0 5.213778 0.270668 -0.034555  12 6 0 3.822043 -0.022136 0.168098  13 6 0 3.493487 -0.898746 1.239604  14 6 0 4.464870 -1.515149 1.991485  15 6 0 5.832873 -1.293204 1.722914  16 6 0 6.192680 -0.409066 0.738420  17 6 0 -2.804084 0.146346 0.677972  18 6 0 -3.800440 -0.556810 -0.076696  19 6 0 -5.119070 -0.690079 0.470636  20 6 0 -5.412597 -0.114640 1.733104  21 6 0 -4.449617 0.573304 2.426480  22 6 0 -3.149094 0.703923 1.894614  23 6 0 -3.549890 -1.107073 -1.363178  24 6 0 -4.533718 -1.770288 -2.056355  25 6 0 -5.825550 -1.919186 -1.503994  26 6 0 -6.108651 -1.387182 -0.270890  27 6 0 1.440557 -2.081396 -0.581014  28 7 0 0.956725 -3.211398 -0.264014  29 6 0 1.688536 -4.400169 -0.651672  30 6 0 -1.578910 2.787293 -0.049183  31 7 0 -1.030124 3.928992 -0.145447  32 6 0 -1.885430 5.098296 -0.151541  33 1 0 -1.039002 -1.841629 0.226251  34 1 0 0.992507 2.571116 -0.503167  35 1 0 2.551281 2.251815 -2.029910  36 1 0 4.928296 2.801406 -2.294518  37 1 0 6.652471 1.483659 -1.096509  38 1 0 2.456503 -1.066528 1.490589  39 1 0 4.175537 -2.168019 2.807275  40 1 0 6.590343 -1.797317 2.312318  41 1 0 7.238891 -0.192654 0.548738  42 1 0 -6.412807 -0.225483 2.138557  43 1 0 -4.677095 1.013309 3.390850  44 1 0 -2.393341 1.230900 2.466223  45 1 0 -2.566574 -0.994113 -1.801006  46 1 0 -4.319037 -2.180271 -3.036839  47 1 0 -6.591554 -2.448278 -2.059660  48 1 0 -7.100968 -1.487822 0.156409  49 1 0 2.388485 -1.994830 -1.127129  50 1 0 2.621956 -4.189333 -1.194723  51 1 0 -2.667316 2.679239 0.036086  52 1 0 -2.956906 4.864787 -0.059701  53 1 0 1.924062 -4.984623 0.243354  54 1 0 1.047205 -5.029096 -1.277407  55 1 0 -1.594503 5.761341 0.669367  56 1 0 -1.723157 5.657395 -1.078672 |
| TM\_NP\_model\_scan\_p\_150\_m\_70 | 1 6 0 -1.388398 0.202446 0.278812  2 6 0 -0.577858 -0.919030 0.118559  3 6 0 0.768155 -0.828974 -0.249090  4 6 0 1.355798 0.444676 -0.466466  5 6 0 0.528567 1.561654 -0.314185  6 6 0 -0.824896 1.471059 0.025381  7 6 0 2.821437 0.679872 -0.650220  8 6 0 3.216256 1.747846 -1.442084  9 6 0 4.568478 2.084812 -1.640926  10 6 0 5.553855 1.372658 -1.007709  11 6 0 5.214762 0.346365 -0.092119  12 6 0 3.834934 0.020534 0.139586  13 6 0 3.551409 -0.878054 1.205697  14 6 0 4.553780 -1.484171 1.924576  15 6 0 5.909755 -1.228937 1.626364  16 6 0 6.226484 -0.323037 0.646847  17 6 0 -2.797047 0.024440 0.749903  18 6 0 -3.802749 -0.532817 -0.104721  19 6 0 -5.126133 -0.722151 0.412543  20 6 0 -5.411189 -0.348782 1.750786  21 6 0 -4.434698 0.194661 2.546298  22 6 0 -3.129065 0.380678 2.042006  23 6 0 -3.550378 -0.890422 -1.456907  24 6 0 -4.542124 -1.419531 -2.247226  25 6 0 -5.842047 -1.618628 -1.730288  26 6 0 -6.124562 -1.274986 -0.431592  27 6 0 1.485641 -2.081125 -0.582753  28 7 0 1.037346 -3.226175 -0.267366  29 6 0 1.787045 -4.392110 -0.688854  30 6 0 -1.634391 2.704970 0.105683  31 7 0 -1.124471 3.860800 -0.027366  32 6 0 -2.006243 5.008018 0.043375  33 1 0 -0.986864 -1.910830 0.268114  34 1 0 0.933221 2.558965 -0.425708  35 1 0 2.462687 2.295148 -1.995654  36 1 0 4.820305 2.900791 -2.308647  37 1 0 6.600891 1.604987 -1.170643  38 1 0 2.524677 -1.072020 1.478908  39 1 0 4.298387 -2.154874 2.737221  40 1 0 6.691998 -1.725103 2.189572  41 1 0 7.262923 -0.081397 0.435207  42 1 0 -6.415235 -0.499562 2.133221  43 1 0 -4.655786 0.478966 3.568899  44 1 0 -2.364138 0.797930 2.687504  45 1 0 -2.558543 -0.738961 -1.863352  46 1 0 -4.327881 -1.685449 -3.276272  47 1 0 -6.614628 -2.039706 -2.363786  48 1 0 -7.122030 -1.419401 -0.029458  49 1 0 2.416746 -1.965321 -1.151985  50 1 0 2.700820 -4.152047 -1.252755  51 1 0 -2.709662 2.567285 0.275537  52 1 0 -3.061408 4.746898 0.214882  53 1 0 2.059655 -4.981502 0.192315  54 1 0 1.144904 -5.028633 -1.305991  55 1 0 -1.669379 5.671490 0.846205  56 1 0 -1.929235 5.578351 -0.887871 |
| TM\_NP\_model\_scan\_p\_150\_m\_80 | 1 6 0 -1.376811 0.091166 0.344728  2 6 0 -0.538043 -0.999428 0.133558  3 6 0 0.799866 -0.856058 -0.249049  4 6 0 1.345953 0.441358 -0.429743  5 6 0 0.490287 1.527845 -0.221015  6 6 0 -0.853929 1.384400 0.135532  7 6 0 2.800630 0.726470 -0.630294  8 6 0 3.148563 1.833819 -1.389351  9 6 0 4.486106 2.218624 -1.599977  10 6 0 5.503998 1.514298 -1.011096  11 6 0 5.212983 0.445559 -0.128059  12 6 0 3.848051 0.069779 0.116242  13 6 0 3.611857 -0.875495 1.153133  14 6 0 4.645367 -1.476850 1.830723  15 6 0 5.987222 -1.169720 1.517926  16 6 0 6.258067 -0.219320 0.567275  17 6 0 -2.784318 -0.146023 0.797956  18 6 0 -3.808784 -0.505217 -0.135523  19 6 0 -5.134637 -0.752319 0.349362  20 6 0 -5.400706 -0.633841 1.737633  21 6 0 -4.403100 -0.284932 2.612055  22 6 0 -3.094835 -0.041088 2.138320  23 6 0 -3.568186 -0.617819 -1.531565  24 6 0 -4.577299 -0.961668 -2.398537  25 6 0 -5.882247 -1.211526 -1.917332  26 6 0 -6.151436 -1.107673 -0.575060  27 6 0 1.547435 -2.073470 -0.639841  28 7 0 1.140206 -3.241868 -0.355669  29 6 0 1.916112 -4.368534 -0.833104  30 6 0 -1.695283 2.587953 0.299469  31 7 0 -1.232851 3.763044 0.162485  32 6 0 -2.141340 4.878512 0.332529  33 1 0 -0.918680 -2.007210 0.246205  34 1 0 0.865578 2.539830 -0.297156  35 1 0 2.368693 2.377588 -1.908953  36 1 0 4.700824 3.065462 -2.241741  37 1 0 6.540387 1.784146 -1.183990  38 1 0 2.596804 -1.110927 1.437166  39 1 0 4.425578 -2.184293 2.622355  40 1 0 6.794506 -1.662210 2.048047  41 1 0 7.282602 0.061418 0.346134  42 1 0 -6.407146 -0.824108 2.095494  43 1 0 -4.610104 -0.197389 3.672668  44 1 0 -2.314770 0.227069 2.842154  45 1 0 -2.570704 -0.430051 -1.908794  46 1 0 -4.372773 -1.042588 -3.460212  47 1 0 -6.668913 -1.483999 -2.611889  48 1 0 -7.151836 -1.295844 -0.199171  49 1 0 2.462886 -1.910377 -1.222837  50 1 0 2.809060 -4.080153 -1.407513  51 1 0 -2.750602 2.409511 0.542073  52 1 0 -3.173449 4.578462 0.568294  53 1 0 2.226498 -4.978647 0.021067  54 1 0 1.280435 -5.003534 -1.458415  55 1 0 -1.768500 5.526702 1.131974  56 1 0 -2.147119 5.480087 -0.582046 |
| TM\_NP\_model\_scan\_p\_150\_m\_90 | 1 6 0 -1.363014 -0.037163 0.359064  2 6 0 -0.493229 -1.086406 0.078869  3 6 0 0.837436 -0.878749 -0.301049  4 6 0 1.342415 0.443174 -0.403960  5 6 0 0.456217 1.488406 -0.122423  6 6 0 -0.879817 1.282092 0.232316  7 6 0 2.786348 0.785210 -0.592831  8 6 0 3.094602 1.947529 -1.283951  9 6 0 4.417942 2.387688 -1.474749  10 6 0 5.460940 1.682044 -0.933305  11 6 0 5.209022 0.552187 -0.116806  12 6 0 3.858194 0.117786 0.108083  13 6 0 3.658140 -0.896865 1.085332  14 6 0 4.714077 -1.504696 1.721276  15 6 0 6.043641 -1.135102 1.424088  16 6 0 6.278629 -0.119522 0.533172  17 6 0 -2.763302 -0.345676 0.793421  18 6 0 -3.822486 -0.467367 -0.162043  19 6 0 -5.141254 -0.786144 0.299408  20 6 0 -5.365550 -0.973802 1.687597  21 6 0 -4.334048 -0.853235 2.583522  22 6 0 -3.032444 -0.538806 2.132537  23 6 0 -3.620227 -0.283596 -1.556485  24 6 0 -4.661193 -0.407113 -2.445071  25 6 0 -5.960665 -0.722366 -1.988017  26 6 0 -6.191767 -0.907380 -0.647256  27 6 0 1.618912 -2.045775 -0.770852  28 7 0 1.251810 -3.241664 -0.554351  29 6 0 2.057512 -4.312055 -1.106186  30 6 0 -1.751986 2.444450 0.498440  31 7 0 -1.337558 3.640918 0.398646  32 6 0 -2.270845 4.712617 0.679882  33 1 0 -0.843847 -2.109975 0.127385  34 1 0 0.802247 2.513451 -0.132662  35 1 0 2.294795 2.497178 -1.765914  36 1 0 4.601990 3.278865 -2.063846  37 1 0 6.487183 1.995722 -1.092163  38 1 0 2.652833 -1.182671 1.357491  39 1 0 4.521364 -2.266472 2.468303  40 1 0 6.869144 -1.632650 1.920350  41 1 0 7.292349 0.207797 0.326777  42 1 0 -6.367035 -1.215807 2.027661  43 1 0 -4.509228 -0.999305 3.643427  44 1 0 -2.226354 -0.448473 2.852057  45 1 0 -2.626453 -0.046860 -1.915905  46 1 0 -4.485810 -0.264446 -3.505472  47 1 0 -6.772757 -0.818753 -2.699858  48 1 0 -7.186925 -1.151001 -0.289820  49 1 0 2.522644 -1.818198 -1.350519  50 1 0 2.931720 -3.961210 -1.674659  51 1 0 -2.785570 2.215051 0.787498  52 1 0 -3.277876 4.363740 0.953536  53 1 0 2.400623 -4.959322 -0.292834  54 1 0 1.433941 -4.931148 -1.758993  55 1 0 -1.875144 5.328841 1.493525  56 1 0 -2.346797 5.362674 -0.197577 |
| TM\_NP\_model\_scan\_p\_150\_m\_100 | 1 6 0 -1.353649 -0.152756 0.359857  2 6 0 -0.453509 -1.158895 0.022073  3 6 0 0.870450 -0.892493 -0.344565  4 6 0 1.337681 0.446589 -0.371576  5 6 0 0.424029 1.448056 -0.024557  6 6 0 -0.904795 1.184608 0.317940  7 6 0 2.770210 0.839894 -0.545222  8 6 0 3.041282 2.049156 -1.168159  9 6 0 4.350535 2.536879 -1.339534  10 6 0 5.416390 1.829783 -0.846516  11 6 0 5.201474 0.647238 -0.096858  12 6 0 3.864830 0.162726 0.109476  13 6 0 3.699892 -0.912765 1.026432  14 6 0 4.776925 -1.527357 1.619031  15 6 0 6.093619 -1.104244 1.336292  16 6 0 6.294004 -0.031600 0.505850  17 6 0 -2.749543 -0.527906 0.750375  18 6 0 -3.831461 -0.429487 -0.183017  19 6 0 -5.146289 -0.817425 0.234256  20 6 0 -5.344395 -1.294428 1.555576  21 6 0 -4.290400 -1.390172 2.427892  22 6 0 -2.992743 -1.007204 2.021099  23 6 0 -3.653835 0.028870 -1.516276  24 6 0 -4.715613 0.109106 -2.385035  25 6 0 -6.012649 -0.266588 -1.969002  26 6 0 -6.219352 -0.720186 -0.689687  27 6 0 1.682239 -2.007841 -0.883570  28 7 0 1.351103 -3.224100 -0.732924  29 6 0 2.182663 -4.238690 -1.348056  30 6 0 -1.799265 2.304319 0.677972  31 7 0 -1.427375 3.516986 0.612297  32 6 0 -2.374772 4.543526 0.996400  33 1 0 -0.776865 -2.192302 0.004577  34 1 0 0.743620 2.480137 0.031336  35 1 0 2.222985 2.603427 -1.612299  36 1 0 4.505798 3.466030 -1.875878  37 1 0 6.432496 2.180566 -0.992364  38 1 0 2.704893 -1.241665 1.287752  39 1 0 4.610895 -2.337011 2.320738  40 1 0 6.936084 -1.607317 1.797219  41 1 0 7.296794 0.335326 0.313186  42 1 0 -6.343593 -1.585514 1.862237  43 1 0 -4.445009 -1.758846 3.435647  44 1 0 -2.169588 -1.085331 2.722414  45 1 0 -2.662154 0.311240 -1.847020  46 1 0 -4.558209 0.459385 -3.398972  47 1 0 -6.841648 -0.198885 -2.664468  48 1 0 -7.211847 -1.015324 -0.365146  49 1 0 2.574832 -1.720956 -1.454007  50 1 0 3.042760 -3.832445 -1.901045  51 1 0 -2.808197 2.029256 1.010928  52 1 0 -3.353817 4.149502 1.307568  53 1 0 2.549569 -4.920111 -0.573932  54 1 0 1.572138 -4.838162 -2.030830  55 1 0 -1.952250 5.133234 1.816199  56 1 0 -2.519500 5.231286 0.157209 |
| TM\_NP\_model\_scan\_p\_150\_m\_110 | 1 6 0 -1.342503 -0.260110 0.316875  2 6 0 -0.413386 -1.224346 -0.064594  3 6 0 0.905984 -0.907102 -0.406291  4 6 0 1.338254 0.442964 -0.367299  5 6 0 0.397748 1.401934 0.026325  6 6 0 -0.924393 1.088546 0.350406  7 6 0 2.760456 0.882322 -0.512126  8 6 0 3.001421 2.126554 -1.075716  9 6 0 4.297366 2.658567 -1.213083  10 6 0 5.379263 1.959960 -0.743442  11 6 0 5.192677 0.738347 -0.051030  12 6 0 3.869117 0.206391 0.119840  13 6 0 3.728148 -0.914941 0.984333  14 6 0 4.817739 -1.524549 1.558882  15 6 0 6.123732 -1.050525 1.309265  16 6 0 6.299552 0.064458 0.530672  17 6 0 -2.731288 -0.691886 0.665667  18 6 0 -3.845607 -0.396239 -0.186763  19 6 0 -5.151931 -0.842034 0.199251  20 6 0 -5.310350 -1.578219 1.401441  21 6 0 -4.225411 -1.871587 2.187382  22 6 0 -2.937258 -1.428745 1.814795  23 6 0 -3.710297 0.306669 -1.414483  24 6 0 -4.803317 0.574111 -2.203453  25 6 0 -6.092607 0.150239 -1.810857  26 6 0 -6.258596 -0.544296 -0.638407  27 6 0 1.750647 -1.974578 -0.989875  28 7 0 1.450859 -3.204740 -0.897970  29 6 0 2.314394 -4.167775 -1.550786  30 6 0 -1.835508 2.165335 0.792373  31 7 0 -1.508785 3.391641 0.743030  32 6 0 -2.463796 4.371766 1.218947  33 1 0 -0.711212 -2.262634 -0.141405  34 1 0 0.692367 2.436667 0.140000  35 1 0 2.170650 2.677485 -1.500334  36 1 0 4.429927 3.615616 -1.704584  37 1 0 6.385973 2.345807 -0.863664  38 1 0 2.741081 -1.284298 1.220373  39 1 0 4.669748 -2.370294 2.220928  40 1 0 6.976630 -1.549383 1.755350  41 1 0 7.292723 0.468802 0.364936  42 1 0 -6.303761 -1.910444 1.684099  43 1 0 -4.348792 -2.440732 3.101810  44 1 0 -2.090572 -1.658480 2.451808  45 1 0 -2.726175 0.628117 -1.731028  46 1 0 -4.675991 1.110289 -3.137160  47 1 0 -6.946927 0.368778 -2.441589  48 1 0 -7.244003 -0.882579 -0.335050  49 1 0 2.639819 -1.638500 -1.538400  50 1 0 3.168760 -3.714116 -2.075006  51 1 0 -2.812398 1.845559 1.176186  52 1 0 -3.406355 3.933791 1.579893  53 1 0 2.691709 -4.874857 -0.805174  54 1 0 1.726382 -4.750470 -2.267036  55 1 0 -2.009095 4.952666 2.027734  56 1 0 -2.686517 5.077518 0.412394 |
| TM\_NP\_model\_scan\_p\_150\_m\_120 | 1 6 0 1.336655 -0.311945 -0.310600  2 6 0 0.391393 -1.255171 0.087562  3 6 0 -0.923990 -0.914628 0.419724  4 6 0 -1.337168 0.440461 0.359279  5 6 0 -0.382500 1.378817 -0.050026  6 6 0 0.935288 1.042038 -0.367756  7 6 0 -2.752732 0.902248 0.495877  8 6 0 -2.976416 2.158449 1.039689  9 6 0 -4.264915 2.710381 1.168171  10 6 0 -5.356355 2.019326 0.709491  11 6 0 -5.186733 0.784272 0.036810  12 6 0 -3.870641 0.231466 -0.125229  13 6 0 -3.745068 -0.905579 -0.971309  14 6 0 -4.842943 -1.509452 -1.536086  15 6 0 -6.142274 -1.013454 -1.294540  16 6 0 -6.302766 0.116324 -0.534159  17 6 0 2.724914 -0.773415 -0.612806  18 6 0 3.853133 -0.359760 0.172570  19 6 0 5.153331 -0.861520 -0.164240  20 6 0 5.293488 -1.774060 -1.240884  21 6 0 4.194750 -2.191004 -1.947759  22 6 0 2.913647 -1.694708 -1.625474  23 6 0 3.739292 0.499441 1.299321  24 6 0 4.844972 0.869013 2.027107  25 6 0 6.128829 0.399076 1.671686  26 6 0 6.274541 -0.450273 0.603486  27 6 0 -1.783183 -1.960407 1.021372  28 7 0 -1.499425 -3.195835 0.952052  29 6 0 -2.375940 -4.135206 1.621941  30 6 0 1.847800 2.097495 -0.857831  31 7 0 1.552577 3.330947 -0.793514  32 6 0 2.499512 4.287789 -1.329479  33 1 0 0.676201 -2.294567 0.192060  34 1 0 -0.663605 2.414706 -0.184997  35 1 0 -2.138079 2.704362 1.455808  36 1 0 -4.384346 3.676868 1.644322  37 1 0 -6.357653 2.420874 0.823361  38 1 0 -2.763124 -1.292156 -1.201086  39 1 0 -4.706628 -2.367861 -2.184194  40 1 0 -7.001950 -1.507726 -1.732644  41 1 0 -7.290308 0.536856 -0.375200  42 1 0 6.283054 -2.144707 -1.486705  43 1 0 4.302063 -2.899071 -2.761660  44 1 0 2.056946 -2.022939 -2.203147  45 1 0 2.761526 0.857930 1.593564  46 1 0 4.730943 1.521399 2.885537  47 1 0 6.993582 0.701794 2.251358  48 1 0 7.254352 -0.830182 0.333182  49 1 0 -2.668307 -1.603109 1.562960  50 1 0 -3.225496 -3.660678 2.135334  51 1 0 2.793176 1.754758 -1.296787  52 1 0 3.409445 3.827663 -1.742737  53 1 0 -2.760601 -4.852253 0.889734  54 1 0 -1.796464 -4.710748 2.350858  55 1 0 2.011083 4.875600 -2.113250  56 1 0 2.784588 4.991320 -0.540867 |
| TM\_NP\_model\_scan\_p\_150\_m\_130 | 1 6 0 1.332334 -0.353726 -0.307423  2 6 0 0.372711 -1.282711 0.095429  3 6 0 -0.939571 -0.927566 0.421409  4 6 0 -1.336939 0.432107 0.360896  5 6 0 -0.370241 1.357488 -0.049404  6 6 0 0.943414 1.005095 -0.366827  7 6 0 -2.746461 0.911474 0.495596  8 6 0 -2.954952 2.170318 1.039408  9 6 0 -4.236564 2.738334 1.166378  10 6 0 -5.336003 2.061176 0.706003  11 6 0 -5.181125 0.824103 0.033436  12 6 0 -3.871948 0.254622 -0.126720  13 6 0 -3.759509 -0.884096 -0.972331  14 6 0 -4.864133 -1.474127 -1.538616  15 6 0 -6.157381 -0.961455 -1.299285  16 6 0 -6.304674 0.170366 -0.539265  17 6 0 2.721661 -0.835795 -0.563461  18 6 0 3.861957 -0.330736 0.152545  19 6 0 5.157660 -0.873764 -0.137955  20 6 0 5.283017 -1.924776 -1.081280  21 6 0 4.172326 -2.441614 -1.697435  22 6 0 2.898060 -1.902322 -1.427226  23 6 0 3.768565 0.647677 1.180423  24 6 0 4.886267 1.099882 1.839976  25 6 0 6.165877 0.599094 1.513570  26 6 0 6.292672 -0.370534 0.551074  27 6 0 -1.811554 -1.963317 1.022342  28 7 0 -1.542012 -3.201931 0.953447  29 6 0 -2.430471 -4.131108 1.621895  30 6 0 1.850976 2.047997 -0.893820  31 7 0 1.580791 3.285882 -0.810348  32 6 0 2.514419 4.228509 -1.393043  33 1 0 0.645800 -2.323413 0.214804  34 1 0 -0.639722 2.395654 -0.189983  35 1 0 -2.110188 2.705475 1.456534  36 1 0 -4.344493 3.706147 1.642574  37 1 0 -6.332295 2.475384 0.818430  38 1 0 -2.782194 -1.283107 -1.200662  39 1 0 -4.737772 -2.334327 -2.186364  40 1 0 -7.022592 -1.444723 -1.738772  41 1 0 -7.287023 0.603482 -0.381935  42 1 0 6.269645 -2.323917 -1.291657  43 1 0 4.265600 -3.260559 -2.401607  44 1 0 2.034536 -2.306915 -1.942776  45 1 0 2.796949 1.032300 1.459475  46 1 0 4.783889 1.841453 2.624287  47 1 0 7.040608 0.969821 2.035859  48 1 0 7.267509 -0.781283 0.309467  49 1 0 -2.693405 -1.595837 1.562441  50 1 0 -3.275246 -3.646693 2.133893  51 1 0 2.766216 1.690738 -1.382219  52 1 0 3.394047 3.754628 -1.853599  53 1 0 -2.822364 -4.843513 0.888979  54 1 0 -1.858991 -4.713390 2.351722  55 1 0 1.996013 4.826448 -2.149420  56 1 0 2.851684 4.924934 -0.618884 |
| TM\_NP\_model\_scan\_p\_150\_m\_140 | 1 6 0 1.331650 -0.385101 -0.326619  2 6 0 0.359791 -1.306556 0.070776  3 6 0 -0.949479 -0.944755 0.398033  4 6 0 -1.334480 0.419119 0.358192  5 6 0 -0.359176 1.338643 -0.043732  6 6 0 0.950428 0.978052 -0.368368  7 6 0 -2.737950 0.911228 0.504578  8 6 0 -2.930807 2.164563 1.066706  9 6 0 -4.205954 2.743459 1.208290  10 6 0 -5.314571 2.083634 0.744635  11 6 0 -5.175730 0.854377 0.054449  12 6 0 -3.873185 0.274133 -0.120445  13 6 0 -3.776468 -0.854131 -0.981857  14 6 0 -4.889921 -1.425679 -1.549826  15 6 0 -6.176699 -0.903487 -1.296638  16 6 0 -6.308720 0.219496 -0.520843  17 6 0 2.725412 -0.878824 -0.531607  18 6 0 3.868866 -0.305701 0.131990  19 6 0 5.164529 -0.876914 -0.104544  20 6 0 5.287847 -2.030390 -0.918519  21 6 0 4.173053 -2.623253 -1.453250  22 6 0 2.901712 -2.054320 -1.243761  23 6 0 3.783045 0.757497 1.073247  24 6 0 4.904149 1.272301 1.678967  25 6 0 6.183924 0.753100 1.385264  26 6 0 6.304352 -0.304379 0.520024  27 6 0 -1.829394 -1.981345 0.986405  28 7 0 -1.571420 -3.221183 0.898138  29 6 0 -2.466595 -4.152375 1.554927  30 6 0 1.846747 2.017303 -0.923981  31 7 0 1.590496 3.256855 -0.825424  32 6 0 2.505566 4.193861 -1.445602  33 1 0 0.622307 -2.349298 0.192504  34 1 0 -0.619192 2.380286 -0.175876  35 1 0 -2.078482 2.685308 1.486694  36 1 0 -4.301740 3.705584 1.698404  37 1 0 -6.306040 2.506130 0.868301  38 1 0 -2.804389 -1.259638 -1.221023  39 1 0 -4.775582 -2.278290 -2.209723  40 1 0 -7.049006 -1.372235 -1.737814  41 1 0 -7.285884 0.660100 -0.352426  42 1 0 6.274486 -2.448314 -1.088169  43 1 0 4.261233 -3.524614 -2.049007  44 1 0 2.038847 -2.519795 -1.705936  45 1 0 2.814172 1.158259 1.335744  46 1 0 4.802776 2.077530 2.397882  47 1 0 7.061874 1.175458 1.860807  48 1 0 7.277599 -0.736599 0.311850  49 1 0 -2.706632 -1.613927 1.533891  50 1 0 -3.306016 -3.668186 2.075783  51 1 0 2.736835 1.654181 -1.453042  52 1 0 3.358904 3.714178 -1.947655  53 1 0 -2.866171 -4.850537 0.812525  54 1 0 -1.898689 -4.750135 2.274958  55 1 0 1.959257 4.800525 -2.174859  56 1 0 2.884363 4.882975 -0.684160 |
| TM\_NP\_model\_scan\_p\_150\_p\_20 | 1 6 0 -1.460031 0.506102 -0.103817  2 6 0 -0.692590 -0.604666 -0.482949  3 6 0 0.693301 -0.574925 -0.650411  4 6 0 1.396340 0.643848 -0.488651  5 6 0 0.631923 1.763489 -0.144257  6 6 0 -0.753252 1.733139 0.026341  7 6 0 2.883653 0.773812 -0.461487  8 6 0 3.441212 1.957255 -0.923168  9 6 0 4.827414 2.199671 -0.902086  10 6 0 5.680061 1.265042 -0.373714  11 6 0 5.166260 0.086254 0.220433  12 6 0 3.749706 -0.152617 0.229166  13 6 0 3.282190 -1.251741 1.002162  14 6 0 4.149829 -2.106079 1.639765  15 6 0 5.545562 -1.915887 1.548787  16 6 0 6.036268 -0.834707 0.862716  17 6 0 -2.942415 0.423046 -0.253907  18 6 0 -3.698677 -0.729699 0.186168  19 6 0 -5.118150 -0.753044 -0.028335  20 6 0 -5.768791 0.383661 -0.570326  21 6 0 -5.052322 1.513962 -0.861984  22 6 0 -3.654776 1.533180 -0.683571  23 6 0 -3.132722 -1.830582 0.887247  24 6 0 -3.892513 -2.910810 1.270160  25 6 0 -5.272090 -2.960608 0.980099  26 6 0 -5.868742 -1.895467 0.355013  27 6 0 1.346710 -1.776380 -1.220361  28 7 0 0.786883 -2.915619 -1.223146  29 6 0 1.483083 -4.016116 -1.859178  30 6 0 -1.386969 2.960547 0.563775  31 7 0 -0.879244 4.113849 0.404246  32 6 0 -1.530652 5.239232 1.044893  33 1 0 -1.178149 -1.534736 -0.740983  34 1 0 1.119948 2.706075 0.062693  35 1 0 2.796827 2.690942 -1.392746  36 1 0 5.212111 3.123125 -1.319602  37 1 0 6.752567 1.427888 -0.372803  38 1 0 2.219760 -1.408646 1.116325  39 1 0 3.756115 -2.926706 2.228889  40 1 0 6.220501 -2.605346 2.043133  41 1 0 7.104429 -0.648959 0.819611  42 1 0 -6.841651 0.348834 -0.727105  43 1 0 -5.548145 2.395569 -1.252011  44 1 0 -3.116895 2.412693 -1.011348  45 1 0 -2.085736 -1.814093 1.151754  46 1 0 -3.425819 -3.727871 1.808685  47 1 0 -5.857771 -3.824577 1.273067  48 1 0 -6.936100 -1.899025 0.159925  49 1 0 2.334847 -1.619585 -1.671667  50 1 0 2.462705 -3.738778 -2.276059  51 1 0 -2.301856 2.812553 1.152594  52 1 0 -2.436966 4.966657 1.606785  53 1 0 1.622850 -4.821864 -1.131634  54 1 0 0.857471 -4.421540 -2.660726  55 1 0 -0.824426 5.722417 1.727639  56 1 0 -1.793001 5.983896 0.286736 |
| TM\_NP\_model\_scan\_p\_150\_p\_30 | 1 6 0 1.458117 0.481750 0.184064  2 6 0 0.678313 -0.616260 0.566456  3 6 0 -0.709908 -0.564497 0.708567  4 6 0 -1.394987 0.657696 0.494533  5 6 0 -0.614170 1.759800 0.130952  6 6 0 0.774742 1.710608 -0.006961  7 6 0 -2.880652 0.800808 0.432599  8 6 0 -3.435659 2.003101 0.845975  9 6 0 -4.818531 2.258430 0.787477  10 6 0 -5.669524 1.316472 0.269694  11 6 0 -5.155440 0.115171 -0.277270  12 6 0 -3.741528 -0.137286 -0.248700  13 6 0 -3.269126 -1.263391 -0.978710  14 6 0 -4.131695 -2.128247 -1.608917  15 6 0 -5.527071 -1.922389 -1.553010  16 6 0 -6.021059 -0.816555 -0.909948  17 6 0 2.940244 0.385414 0.312576  18 6 0 3.685798 -0.734792 -0.208758  19 6 0 5.106506 -0.776236 -0.010154  20 6 0 5.760051 0.308600 0.626892  21 6 0 5.045701 1.405572 1.032284  22 6 0 3.647426 1.444303 0.859928  23 6 0 3.100023 -1.786204 -0.966242  24 6 0 3.850658 -2.837556 -1.436572  25 6 0 5.237232 -2.902739 -1.181966  26 6 0 5.848250 -1.886708 -0.491762  27 6 0 -1.390231 -1.740309 1.300117  28 7 0 -0.843266 -2.884439 1.354607  29 6 0 -1.567156 -3.956099 2.008469  30 6 0 1.450662 2.916960 -0.537596  31 7 0 0.936359 4.075346 -0.451759  32 6 0 1.640187 5.180323 -1.071835  33 1 0 1.153847 -1.548303 0.839796  34 1 0 -1.089017 2.699834 -0.114918  35 1 0 -2.793860 2.744472 1.306947  36 1 0 -5.202252 3.198042 1.168242  37 1 0 -6.740020 1.489656 0.240783  38 1 0 -2.206158 -1.433297 -1.065744  39 1 0 -3.733990 -2.969736 -2.165008  40 1 0 -6.198465 -2.620055 -2.040620  41 1 0 -7.087989 -0.619628 -0.894777  42 1 0 6.834089 0.260800 0.772034  43 1 0 5.545308 2.243995 1.504191  44 1 0 3.104594 2.293666 1.254976  45 1 0 2.044768 -1.751566 -1.196529  46 1 0 3.372854 -3.620131 -2.015104  47 1 0 5.816367 -3.742832 -1.548284  48 1 0 6.918631 -1.907617 -0.315142  49 1 0 -2.387174 -1.558652 1.721788  50 1 0 -2.552872 -3.654809 2.393126  51 1 0 2.408116 2.750471 -1.047866  52 1 0 2.586716 4.889877 -1.552565  53 1 0 -1.699521 -4.783129 1.303770  54 1 0 -0.965224 -4.342596 2.837021  55 1 0 0.991385 5.644213 -1.821674  56 1 0 1.845163 5.946532 -0.317482 |
| TM\_NP\_model\_scan\_p\_150\_p\_40 | 1 6 0 1.457280 0.461923 0.266010  2 6 0 0.665305 -0.623573 0.651317  3 6 0 -0.724892 -0.552814 0.766442  4 6 0 -1.392451 0.670577 0.503723  5 6 0 -0.595752 1.755371 0.123266  6 6 0 0.795838 1.689435 0.016999  7 6 0 -2.875713 0.825216 0.407747  8 6 0 -3.427059 2.043853 0.775577  9 6 0 -4.805753 2.310853 0.680844  10 6 0 -5.655433 1.363050 0.171788  11 6 0 -5.142276 0.142106 -0.330780  12 6 0 -3.731820 -0.122815 -0.265759  13 6 0 -3.255960 -1.273042 -0.954907  14 6 0 -4.113932 -2.146529 -1.579407  15 6 0 -5.508040 -1.926056 -1.558162  16 6 0 -6.003976 -0.798458 -0.955708  17 6 0 2.939788 0.348837 0.371847  18 6 0 3.670395 -0.733548 -0.233790  19 6 0 5.091132 -0.801834 -0.046493  20 6 0 5.752342 0.215979 0.686519  21 6 0 5.045732 1.272302 1.200801  22 6 0 3.647574 1.338559 1.033011  23 6 0 3.063885 -1.723337 -1.054817  24 6 0 3.801122 -2.740891 -1.611835  25 6 0 5.191755 -2.829282 -1.384518  26 6 0 5.819213 -1.874708 -0.624386  27 6 0 -1.430589 -1.705442 1.373627  28 7 0 -0.896927 -2.852939 1.471674  29 6 0 -1.646410 -3.899455 2.137160  30 6 0 1.509829 2.876595 -0.504110  31 7 0 0.990393 4.035935 -0.497539  32 6 0 1.743300 5.122815 -1.090941  33 1 0 1.130491 -1.557057 0.939874  34 1 0 -1.057211 2.691973 -0.158882  35 1 0 -2.787511 2.791719 1.229122  36 1 0 -5.187564 3.264508 1.027060  37 1 0 -6.723288 1.545595 0.115645  38 1 0 -2.193234 -1.455523 -1.014949  39 1 0 -3.713279 -3.006547 -2.104150  40 1 0 -6.176259 -2.630409 -2.040491  41 1 0 -7.068987 -0.591165 -0.967985  42 1 0 6.826513 0.148862 0.823018  43 1 0 5.552480 2.056192 1.752166  44 1 0 3.105639 2.155673 1.493774  45 1 0 2.003211 -1.666319 -1.256904  46 1 0 3.310957 -3.478975 -2.236663  47 1 0 5.760665 -3.641553 -1.822618  48 1 0 6.891095 -1.918447 -0.461509  49 1 0 -2.434708 -1.502369 1.767544  50 1 0 -2.636623 -3.578088 2.492898  51 1 0 2.505739 2.696271 -0.927998  52 1 0 2.725172 4.819503 -1.484911  53 1 0 -1.772958 -4.743049 1.451257  54 1 0 -1.066366 -4.270703 2.988019  55 1 0 1.157477 5.564025 -1.903678  56 1 0 1.887675 5.910798 -0.344987 |
| TM\_NP\_model\_scan\_p\_150\_p\_50 | 1 6 0 1.457413 0.441010 0.355368  2 6 0 0.649861 -0.629380 0.744179  3 6 0 -0.741599 -0.538344 0.830205  4 6 0 -1.388604 0.684881 0.517052  5 6 0 -0.572943 1.751341 0.125621  6 6 0 0.820477 1.667474 0.054790  7 6 0 -2.867977 0.850775 0.381273  8 6 0 -3.415628 2.084407 0.701331  9 6 0 -4.788606 2.362416 0.564150  10 6 0 -5.635313 1.409168 0.060444  11 6 0 -5.122732 0.169399 -0.394411  12 6 0 -3.717134 -0.107363 -0.286782  13 6 0 -3.236878 -1.281772 -0.930826  14 6 0 -4.088441 -2.164372 -1.551225  15 6 0 -5.480231 -1.929602 -1.570972  16 6 0 -5.978723 -0.780206 -1.013545  17 6 0 2.939873 0.302266 0.442876  18 6 0 3.648766 -0.729174 -0.262434  19 6 0 5.068704 -0.836377 -0.091201  20 6 0 5.744868 0.089027 0.743811  21 6 0 5.053623 1.090910 1.375620  22 6 0 3.656162 1.197017 1.217722  23 6 0 3.015931 -1.633119 -1.158687  24 6 0 3.732649 -2.603749 -1.816592  25 6 0 5.125718 -2.726480 -1.618985  26 6 0 5.775537 -1.857573 -0.778756  27 6 0 -1.475380 -1.664755 1.452927  28 7 0 -0.956913 -2.813850 1.601008  29 6 0 -1.734996 -3.831273 2.278551  30 6 0 1.572599 2.836150 -0.451756  31 7 0 1.054015 3.993545 -0.526295  32 6 0 1.853706 5.064108 -1.086582  33 1 0 1.101365 -1.564584 1.050275  34 1 0 -1.017767 2.685063 -0.191020  35 1 0 -2.779691 2.838417 1.149738  36 1 0 -5.168714 3.329304 0.873581  37 1 0 -6.699426 1.600622 -0.027859  38 1 0 -2.175116 -1.477149 -0.958891  39 1 0 -3.684095 -3.043146 -2.040887  40 1 0 -6.143873 -2.641001 -2.049264  41 1 0 -7.040875 -0.562870 -1.058043  42 1 0 6.818458 -0.005974 0.868041  43 1 0 5.572805 1.800708 2.009620  44 1 0 3.123076 1.973134 1.754714  45 1 0 1.951507 -1.546501 -1.331243  46 1 0 3.225573 -3.278432 -2.497129  47 1 0 5.678628 -3.500254 -2.139556  48 1 0 6.848076 -1.932870 -0.632485  49 1 0 -2.487147 -1.439063 1.813503  50 1 0 -2.730029 -3.488474 2.599135  51 1 0 2.600385 2.644910 -0.784372  52 1 0 2.864468 4.751740 -1.389720  53 1 0 -1.853987 -4.694145 1.615649  54 1 0 -1.180829 -4.182449 3.154824  55 1 0 1.336686 5.481147 -1.956741  56 1 0 1.936606 5.873139 -0.353859 |
| TM\_NP\_model\_scan\_p\_150\_p\_60 | 1 6 0 1.457512 0.412654 0.447011  2 6 0 0.632258 -0.642791 0.834181  3 6 0 -0.759806 -0.532141 0.889419  4 6 0 -1.384056 0.692419 0.536178  5 6 0 -0.547945 1.741502 0.141408  6 6 0 0.845898 1.639013 0.104517  7 6 0 -2.858305 0.872294 0.363221  8 6 0 -3.398182 2.118509 0.645103  9 6 0 -4.764080 2.409913 0.469851  10 6 0 -5.610306 1.456659 -0.034548  11 6 0 -5.102264 0.202098 -0.452487  12 6 0 -3.703004 -0.088871 -0.306099  13 6 0 -3.222142 -1.281427 -0.915561  14 6 0 -4.069580 -2.166150 -1.538543  15 6 0 -5.457591 -1.915671 -1.595678  16 6 0 -5.954976 -0.749647 -1.072877  17 6 0 2.939476 0.243920 0.521919  18 6 0 3.628384 -0.714888 -0.292522  19 6 0 5.045621 -0.866791 -0.136984  20 6 0 5.735296 -0.060144 0.803558  21 6 0 5.059040 0.866701 1.555349  22 6 0 3.663530 1.017280 1.409650  23 6 0 2.973255 -1.507580 -1.273767  24 6 0 3.670091 -2.413404 -2.036788  25 6 0 5.062817 -2.576392 -1.864797  26 6 0 5.732026 -1.816490 -0.938241  27 6 0 -1.522619 -1.636759 1.516046  28 7 0 -1.021198 -2.787690 1.703666  29 6 0 -1.829759 -3.781614 2.380400  30 6 0 1.634133 2.791585 -0.381492  31 7 0 1.121013 3.942769 -0.541282  32 6 0 1.965555 4.999610 -1.059905  33 1 0 1.067485 -1.581071 1.155133  34 1 0 -0.973989 2.674571 -0.202157  35 1 0 -2.763702 2.873921 1.093215  36 1 0 -5.139416 3.387331 0.750698  37 1 0 -6.669664 1.658663 -0.151781  38 1 0 -2.162505 -1.490156 -0.914629  39 1 0 -3.664525 -3.059096 -2.001242  40 1 0 -6.118454 -2.628656 -2.075451  41 1 0 -7.013087 -0.520882 -1.146702  42 1 0 6.806986 -0.186985 0.915177  43 1 0 5.588724 1.483050 2.272934  44 1 0 3.141260 1.737429 2.029553  45 1 0 1.907859 -1.388212 -1.421493  46 1 0 3.148446 -3.006269 -2.779682  47 1 0 5.599863 -3.297409 -2.470751  48 1 0 6.803396 -1.927399 -0.806881  49 1 0 -2.541359 -1.392625 1.843248  50 1 0 -2.828945 -3.420535 2.666264  51 1 0 2.688006 2.594874 -0.614083  52 1 0 3.001250 4.684009 -1.256820  53 1 0 -1.941160 -4.656723 1.732361  54 1 0 -1.304036 -4.120821 3.278631  55 1 0 1.530352 5.384544 -1.987702  56 1 0 1.976853 5.832522 -0.349670 |
| TM\_NP\_model\_scan\_p\_150\_p\_70 | 1 6 0 1.455610 0.366705 0.546554  2 6 0 0.608120 -0.672521 0.924860  3 6 0 -0.783296 -0.538464 0.949674  4 6 0 -1.379607 0.691813 0.568760  5 6 0 -0.518880 1.724970 0.184990  6 6 0 0.873686 1.599298 0.180747  7 6 0 -2.846448 0.890816 0.355961  8 6 0 -3.375937 2.146944 0.611769  9 6 0 -4.732233 2.455987 0.396260  10 6 0 -5.577726 1.510299 -0.123286  11 6 0 -5.076310 0.245095 -0.516406  12 6 0 -3.685925 -0.064222 -0.328600  13 6 0 -3.205482 -1.268765 -0.914500  14 6 0 -4.047875 -2.146844 -1.553490  15 6 0 -5.430036 -1.877380 -1.651386  16 6 0 -5.924981 -0.699922 -1.152435  17 6 0 2.935468 0.159585 0.610136  18 6 0 3.605354 -0.692260 -0.327415  19 6 0 5.018060 -0.895824 -0.193883  20 6 0 5.719393 -0.246467 0.853975  21 6 0 5.058498 0.574644 1.731870  22 6 0 3.666620 0.775792 1.606356  23 6 0 2.931755 -1.331821 -1.403036  24 6 0 3.609352 -2.139299 -2.284488  25 6 0 4.999045 -2.350608 -2.141111  26 6 0 5.684398 -1.739813 -1.120525  27 6 0 -1.578856 -1.624790 1.567186  28 7 0 -1.098395 -2.779263 1.785736  29 6 0 -1.941166 -3.753445 2.449310  30 6 0 1.698889 2.737468 -0.275457  31 7 0 1.202858 3.883828 -0.507036  32 6 0 2.090071 4.928551 -0.976379  33 1 0 1.022633 -1.617362 1.254260  34 1 0 -0.921831 2.662553 -0.174069  35 1 0 -2.743231 2.897429 1.070554  36 1 0 -5.101139 3.441088 0.658128  37 1 0 -6.630418 1.726161 -0.271736  38 1 0 -2.149412 -1.492755 -0.882283  39 1 0 -3.642901 -3.049416 -1.997203  40 1 0 -6.087449 -2.585127 -2.143496  41 1 0 -6.977227 -0.456911 -1.257777  42 1 0 6.787894 -0.409751 0.947826  43 1 0 5.597872 1.068671 2.532139  44 1 0 3.155375 1.414863 2.317751  45 1 0 1.867756 -1.173560 -1.524168  46 1 0 3.075293 -2.617090 -3.098118  47 1 0 5.521290 -2.992440 -2.841673  48 1 0 6.752908 -1.891876 -1.008088  49 1 0 -2.604153 -1.364013 1.858986  50 1 0 -2.944990 -3.376377 2.695730  51 1 0 2.768283 2.535000 -0.413784  52 1 0 3.138228 4.608729 -1.076614  53 1 0 -2.041249 -4.636916 1.810858  54 1 0 -1.450184 -4.085122 3.369766  55 1 0 1.736061 5.291379 -1.946629  56 1 0 2.041984 5.777766 -0.287319 |
| TM\_NP\_model\_scan\_p\_150\_p\_80 | 1 6 0 -1.444845 0.265634 -0.621575  2 6 0 -0.567333 -0.761086 -0.959171  3 6 0 0.821269 -0.592922 -0.961096  4 6 0 1.379678 0.659672 -0.596063  5 6 0 0.487180 1.679980 -0.251595  6 6 0 -0.901457 1.520071 -0.273546  7 6 0 2.837474 0.899731 -0.363725  8 6 0 3.340306 2.163195 -0.636646  9 6 0 4.685602 2.509007 -0.408125  10 6 0 5.545924 1.594069 0.141246  11 6 0 5.069064 0.325246 0.552773  12 6 0 3.689054 -0.020488 0.352689  13 6 0 3.228199 -1.223238 0.957687  14 6 0 4.081786 -2.068065 1.625968  15 6 0 5.456085 -1.764859 1.735767  16 6 0 5.930621 -0.586646 1.219095  17 6 0 -2.920021 0.018797 -0.695631  18 6 0 -3.609952 -0.649939 0.365781  19 6 0 -5.016396 -0.893108 0.235316  20 6 0 -5.690172 -0.466071 -0.937650  21 6 0 -5.008127 0.176953 -1.939093  22 6 0 -3.621970 0.418644 -1.814336  23 6 0 -2.958515 -1.074543 1.555260  24 6 0 -3.654335 -1.709699 2.555549  25 6 0 -5.039581 -1.954881 2.421554  26 6 0 -5.701940 -1.554400 1.287597  27 6 0 1.654339 -1.672233 -1.540093  28 7 0 1.206647 -2.842875 -1.741867  29 6 0 2.085893 -3.809312 -2.368467  30 6 0 -1.769499 2.649330 0.119274  31 7 0 -1.305493 3.802586 0.380474  32 6 0 -2.237234 4.840002 0.773316  33 1 0 -0.953401 -1.723992 -1.270287  34 1 0 0.859840 2.636120 0.091060  35 1 0 2.697038 2.889026 -1.119723  36 1 0 5.034690 3.497434 -0.684265  37 1 0 6.591071 1.837895 0.299416  38 1 0 2.177901 -1.471720 0.916616  39 1 0 3.691621 -2.970280 2.083445  40 1 0 6.122895 -2.447070 2.250763  41 1 0 6.975447 -0.317048 1.333212  42 1 0 -6.754342 -0.657085 -1.028404  43 1 0 -5.526383 0.500550 -2.834703  44 1 0 -3.094474 0.921157 -2.617491  45 1 0 -1.897062 -0.891201 1.665934  46 1 0 -3.138531 -2.025875 3.455276  47 1 0 -5.576254 -2.458784 3.217531  48 1 0 -6.765986 -1.737524 1.179350  49 1 0 2.678165 -1.392710 -1.819361  50 1 0 3.084305 -3.411982 -2.604923  51 1 0 -2.843921 2.434108 0.178635  52 1 0 -3.286018 4.507969 0.798881  53 1 0 2.196393 -4.675768 -1.708798  54 1 0 1.620711 -4.173451 -3.290084  55 1 0 -1.960029 5.215321 1.763568  56 1 0 -2.148346 5.683892 0.081757 |
| TM\_NP\_model\_scan\_p\_150\_p\_90 | 1 6 0 -1.434090 0.143079 -0.704409  2 6 0 -0.527212 -0.874568 -0.984833  3 6 0 0.856980 -0.671124 -0.975001  4 6 0 1.378561 0.610310 -0.660140  5 6 0 0.455864 1.624525 -0.383175  6 6 0 -0.927562 1.427901 -0.417028  7 6 0 2.825082 0.895172 -0.408018  8 6 0 3.307256 2.154671 -0.731403  9 6 0 4.638368 2.542200 -0.487130  10 6 0 5.503429 1.676039 0.129681  11 6 0 5.043522 0.418792 0.592715  12 6 0 3.677364 0.031482 0.375088  13 6 0 3.226824 -1.149675 1.028503  14 6 0 4.080377 -1.939265 1.761288  15 6 0 5.444159 -1.598775 1.891337  16 6 0 5.906575 -0.437620 1.327234  17 6 0 -2.901900 -0.152230 -0.753167  18 6 0 -3.599786 -0.591989 0.416971  19 6 0 -4.999481 -0.884058 0.322788  20 6 0 -5.658514 -0.732110 -0.924277  21 6 0 -4.967891 -0.310200 -2.031705  22 6 0 -3.587789 -0.020259 -1.942646  23 6 0 -2.959931 -0.747720 1.676126  24 6 0 -3.662059 -1.169032 2.779657  25 6 0 -5.041861 -1.458654 2.684098  26 6 0 -5.692068 -1.318825 1.482893  27 6 0 1.726860 -1.755980 -1.484821  28 7 0 1.311137 -2.945453 -1.639905  29 6 0 2.227779 -3.919431 -2.197158  30 6 0 -1.831807 2.555976 -0.112530  31 7 0 -1.399403 3.724387 0.134776  32 6 0 -2.366411 4.762060 0.429459  33 1 0 -0.884513 -1.862237 -1.249083  34 1 0 0.798861 2.606957 -0.086861  35 1 0 2.660994 2.840955 -1.265573  36 1 0 4.973048 3.523425 -0.803803  37 1 0 6.538350 1.951681 0.302230  38 1 0 2.183622 -1.423864 0.973262  39 1 0 3.697862 -2.826008 2.254126  40 1 0 6.111409 -2.238077 2.458222  41 1 0 6.941597 -0.137960 1.454879  42 1 0 -6.718180 -0.956612 -0.986733  43 1 0 -5.475105 -0.197271 -2.983243  44 1 0 -3.054479 0.310804 -2.826789  45 1 0 -1.902042 -0.531000 1.757787  46 1 0 -3.155132 -1.282024 3.731380  47 1 0 -5.583762 -1.791978 3.562017  48 1 0 -6.751323 -1.540227 1.402656  49 1 0 2.750258 -1.465671 -1.754724  50 1 0 3.220233 -3.508392 -2.435178  51 1 0 -2.905167 2.326984 -0.110703  52 1 0 -3.410511 4.415782 0.403568  53 1 0 2.347340 -4.745980 -1.489532  54 1 0 1.791483 -4.344946 -3.106490  55 1 0 -2.155401 5.178547 1.419547  56 1 0 -2.245426 5.580439 -0.287456 |
| TM\_NP\_model\_scan\_p\_150\_p\_100 | 1 6 0 -1.418318 -0.013100 -0.718713  2 6 0 -0.484748 -1.027806 -0.905752  3 6 0 0.894430 -0.790581 -0.905126  4 6 0 1.382781 0.525347 -0.699712  5 6 0 0.433356 1.536514 -0.515765  6 6 0 -0.944276 1.304136 -0.540675  7 6 0 2.820491 0.868028 -0.469655  8 6 0 3.270945 2.107558 -0.898722  9 6 0 4.590698 2.549357 -0.687750  10 6 0 5.475826 1.762316 0.002278  11 6 0 5.046908 0.538097 0.571386  12 6 0 3.692129 0.097385 0.385995  13 6 0 3.270571 -1.035133 1.137277  14 6 0 4.142133 -1.736672 1.935542  15 6 0 5.495947 -1.350071 2.037947  16 6 0 5.929541 -0.229294 1.377488  17 6 0 -2.877271 -0.349479 -0.748562  18 6 0 -3.625349 -0.506991 0.462579  19 6 0 -5.016310 -0.841806 0.381055  20 6 0 -5.616664 -1.016143 -0.892419  21 6 0 -4.876421 -0.871848 -2.037987  22 6 0 -3.505259 -0.539883 -1.962133  23 6 0 -3.041762 -0.353362 1.748990  24 6 0 -3.790662 -0.513401 2.890110  25 6 0 -5.163812 -0.836440 2.807280  26 6 0 -5.759051 -0.997394 1.580557  27 6 0 1.792836 -1.894918 -1.313557  28 7 0 1.405164 -3.102731 -1.365549  29 6 0 2.346747 -4.101277 -1.829955  30 6 0 -1.877332 2.436899 -0.368172  31 7 0 -1.473087 3.627820 -0.190764  32 6 0 -2.467293 4.670230 -0.036625  33 1 0 -0.816033 -2.043714 -1.082112  34 1 0 0.750011 2.550184 -0.308756  35 1 0 2.608972 2.728057 -1.490881  36 1 0 4.900672 3.508096 -1.087498  37 1 0 6.502755 2.078444 0.151524  38 1 0 2.234999 -1.340277 1.104360  39 1 0 3.781335 -2.588080 2.501607  40 1 0 6.177842 -1.920670 2.658202  41 1 0 6.955845 0.107546 1.480454  42 1 0 -6.670334 -1.269769 -0.943506  43 1 0 -5.337620 -1.010189 -3.009368  44 1 0 -2.933460 -0.425397 -2.876202  45 1 0 -1.988615 -0.112310 1.822530  46 1 0 -3.325449 -0.394352 3.862195  47 1 0 -5.743221 -0.960078 3.715289  48 1 0 -6.811806 -1.250789 1.509926  49 1 0 2.811106 -1.605341 -1.602819  50 1 0 3.331491 -3.690949 -2.099008  51 1 0 -2.946439 2.192202 -0.406913  52 1 0 -3.504032 4.305969 -0.092473  53 1 0 2.479755 -4.858976 -1.051193  54 1 0 1.925867 -4.615539 -2.699837  55 1 0 -2.317949 5.169404 0.926048  56 1 0 -2.315101 5.429307 -0.810614 |
| TM\_NP\_model\_scan\_p\_150\_p\_110 | 1 6 0 -1.404218 -0.159576 -0.712446  2 6 0 -0.444270 -1.163195 -0.808296  3 6 0 0.928751 -0.894542 -0.827915  4 6 0 1.385535 0.444942 -0.735260  5 6 0 0.411023 1.445614 -0.651733  6 6 0 -0.960630 1.180164 -0.661976  7 6 0 2.813069 0.839677 -0.527850  8 6 0 3.239451 2.047235 -1.060490  9 6 0 4.547531 2.535284 -0.881539  10 6 0 5.445382 1.830232 -0.122700  11 6 0 5.040285 0.649218 0.546313  12 6 0 3.696427 0.164306 0.393857  13 6 0 3.296503 -0.910852 1.236061  14 6 0 4.179738 -1.524235 2.091999  15 6 0 5.524187 -1.100420 2.165701  16 6 0 5.935741 -0.028510 1.416102  17 6 0 -2.850707 -0.540580 -0.695388  18 6 0 -3.641671 -0.422166 0.494241  19 6 0 -5.019627 -0.814309 0.453641  20 6 0 -5.564054 -1.323558 -0.753234  21 6 0 -4.781579 -1.449141 -1.872461  22 6 0 -3.424795 -1.058799 -1.838977  23 6 0 -3.113430 0.052761 1.725265  24 6 0 -3.904164 0.154190 2.844630  25 6 0 -5.266648 -0.216599 2.796927  26 6 0 -5.807308 -0.692291 1.628178  27 6 0 1.853610 -2.009287 -1.136721  28 7 0 1.490913 -3.225145 -1.092914  29 6 0 2.455967 -4.238356 -1.469136  30 6 0 -1.917350 2.306324 -0.628339  31 7 0 -1.539500 3.514261 -0.521939  32 6 0 -2.554086 4.548368 -0.513663  33 1 0 -0.749701 -2.199211 -0.887775  34 1 0 0.702232 2.482065 -0.543415  35 1 0 2.568247 2.599213 -1.707477  36 1 0 4.838905 3.463138 -1.360343  37 1 0 6.464029 2.181162 0.003779  38 1 0 2.268268 -1.241428 1.226504  39 1 0 3.835039 -2.333543 2.725788  40 1 0 6.215757 -1.602562 2.832676  41 1 0 6.953913 0.338479 1.493489  42 1 0 -6.608371 -1.617073 -0.773121  43 1 0 -5.199064 -1.844537 -2.791586  44 1 0 -2.821557 -1.154442 -2.734738  45 1 0 -2.068456 0.331050 1.777776  46 1 0 -3.479166 0.516886 3.773803  47 1 0 -5.879828 -0.130360 3.686884  48 1 0 -6.850439 -0.988178 1.585661  49 1 0 2.868119 -1.722968 -1.441627  50 1 0 3.437296 -3.831498 -1.755349  51 1 0 -2.978938 2.041782 -0.710927  52 1 0 -3.580814 4.162983 -0.602231  53 1 0 2.590574 -4.934050 -0.634845  54 1 0 2.056275 -4.823037 -2.303914  55 1 0 -2.470510 5.125806 0.412481  56 1 0 -2.363676 5.245119 -1.336269 |
| TM\_NP\_model\_scan\_p\_150\_p\_120 | 1 6 0 -1.396386 -0.247986 -0.707987  2 6 0 -0.418572 -1.239486 -0.750542  3 6 0 0.949926 -0.952443 -0.781082  4 6 0 1.387185 0.396313 -0.751838  5 6 0 0.396977 1.384510 -0.724720  6 6 0 -0.970615 1.099269 -0.727615  7 6 0 2.807453 0.822511 -0.558489  8 6 0 3.217859 2.009279 -1.147773  9 6 0 4.517711 2.525173 -0.988538  10 6 0 5.423140 1.871365 -0.193694  11 6 0 5.033171 0.718216 0.530565  12 6 0 3.697339 0.206211 0.397670  13 6 0 3.310198 -0.832382 1.290332  14 6 0 4.199053 -1.389241 2.178489  15 6 0 5.536726 -0.942018 2.235683  16 6 0 5.935252 0.097732 1.435477  17 6 0 -2.831755 -0.658057 -0.640625  18 6 0 -3.655498 -0.354758 0.495215  19 6 0 -5.017845 -0.801552 0.502178  20 6 0 -5.513027 -1.553137 -0.593943  21 6 0 -4.695560 -1.866341 -1.649497  22 6 0 -3.355997 -1.422667 -1.665333  23 6 0 -3.174273 0.342445 1.636837  24 6 0 -3.996131 0.611656 2.704916  25 6 0 -5.346323 0.196448 2.694790  26 6 0 -5.840283 -0.497818 1.618818  27 6 0 1.891663 -2.068011 -1.030393  28 7 0 1.545004 -3.285315 -0.931237  29 6 0 2.526221 -4.302059 -1.251978  30 6 0 -1.938875 2.214966 -0.792036  31 7 0 -1.579842 3.430273 -0.707716  32 6 0 -2.601821 4.452060 -0.810560  33 1 0 -0.706809 -2.283225 -0.770344  34 1 0 0.671749 2.429831 -0.673392  35 1 0 2.541300 2.519044 -1.823172  36 1 0 4.797047 3.433019 -1.510916  37 1 0 6.435905 2.243470 -0.081230  38 1 0 2.287048 -1.178388 1.294043  39 1 0 3.863923 -2.171172 2.850629  40 1 0 6.232949 -1.400196 2.928958  41 1 0 6.947461 0.483556 1.497964  42 1 0 -6.546110 -1.884088 -0.576796  43 1 0 -5.072629 -2.451001 -2.480931  44 1 0 -2.727099 -1.665471 -2.514350  45 1 0 -2.139087 0.656783 1.666439  46 1 0 -3.603947 1.141769 3.565530  47 1 0 -5.985251 0.418513 3.542070  48 1 0 -6.871768 -0.834557 1.608642  49 1 0 2.904373 -1.782606 -1.341935  50 1 0 3.503086 -3.896113 -1.554296  51 1 0 -2.990157 1.935689 -0.935093  52 1 0 -3.616577 4.051521 -0.952996  53 1 0 2.666691 -4.952812 -0.383078  54 1 0 2.139050 -4.933802 -2.057856  55 1 0 -2.587046 5.066945 0.094878  56 1 0 -2.361714 5.117388 -1.646076 |
| TM\_NP\_model\_scan\_p\_150\_p\_130 | 1 6 0 -1.391660 -0.308567 -0.718613  2 6 0 -0.397608 -1.286523 -0.732897  3 6 0 0.966732 -0.983625 -0.766970  4 6 0 1.387859 0.370425 -0.763681  5 6 0 0.384412 1.345324 -0.765548  6 6 0 -0.979356 1.043416 -0.768463  7 6 0 2.800879 0.819189 -0.570297  8 6 0 3.200103 1.998332 -1.182275  9 6 0 4.491901 2.534619 -1.025111  10 6 0 5.399922 1.910267 -0.209816  11 6 0 5.019728 0.767973 0.536517  12 6 0 3.691877 0.235414 0.405091  13 6 0 3.311578 -0.788512 1.317387  14 6 0 4.200813 -1.313797 2.224213  15 6 0 5.531944 -0.847448 2.281577  16 6 0 5.922905 0.179722 1.461634  17 6 0 -2.815615 -0.741164 -0.597855  18 6 0 -3.662539 -0.309818 0.481196  19 6 0 -5.009980 -0.798136 0.541664  20 6 0 -5.464199 -1.726517 -0.428835  21 6 0 -4.617378 -2.177844 -1.408449  22 6 0 -3.295821 -1.691526 -1.481131  23 6 0 -3.217905 0.541894 1.529500  24 6 0 -4.062133 0.927805 2.542939  25 6 0 -5.402267 0.482940 2.571041  26 6 0 -5.859119 -0.365704 1.594447  27 6 0 1.923123 -2.093148 -0.986079  28 7 0 1.590295 -3.312263 -0.864462  29 6 0 2.586355 -4.323258 -1.156189  30 6 0 -1.954777 2.147997 -0.899768  31 7 0 -1.612928 3.368271 -0.817686  32 6 0 -2.636965 4.377119 -0.998990  33 1 0 -0.669132 -2.334746 -0.718676  34 1 0 0.645023 2.395261 -0.741288  35 1 0 2.522063 2.484627 -1.873304  36 1 0 4.763151 3.434602 -1.565075  37 1 0 6.406812 2.298231 -0.098174  38 1 0 2.292977 -1.147663 1.321176  39 1 0 3.870876 -2.085124 2.911011  40 1 0 6.228705 -1.280821 2.990103  41 1 0 6.929344 0.580486 1.523238  42 1 0 -6.486441 -2.085258 -0.371309  43 1 0 -4.958286 -2.903735 -2.137922  44 1 0 -2.648459 -2.042368 -2.276712  45 1 0 -2.190615 0.880305 1.537563  46 1 0 -3.693620 1.572825 3.332635  47 1 0 -6.060273 0.800455 3.372039  48 1 0 -6.879935 -0.732822 1.618725  49 1 0 2.934784 -1.802129 -1.295857  50 1 0 3.559898 -3.911655 -1.461556  51 1 0 -2.993581 1.855125 -1.096874  52 1 0 -3.638004 3.963261 -1.191396  53 1 0 2.729560 -4.952309 -0.271894  54 1 0 2.212606 -4.977915 -1.950015  55 1 0 -2.680192 5.009310 -0.106495  56 1 0 -2.355684 5.028908 -1.832348 |
| TM\_NP\_model\_scan\_p\_150\_p\_140 | 1 6 0 -1.389532 -0.342941 -0.736618  2 6 0 -0.380255 -1.307701 -0.740284  3 6 0 0.980346 -0.991580 -0.770146  4 6 0 1.388702 0.366188 -0.764226  5 6 0 0.374186 1.329127 -0.773185  6 6 0 -0.986259 1.013397 -0.783221  7 6 0 2.795523 0.829592 -0.563116  8 6 0 3.185971 2.012934 -1.172767  9 6 0 4.471893 2.561418 -1.009775  10 6 0 5.382396 1.945344 -0.190936  11 6 0 5.009853 0.799294 0.553505  12 6 0 3.687695 0.254291 0.416252  13 6 0 3.312757 -0.772793 1.327171  14 6 0 4.202838 -1.289718 2.237992  15 6 0 5.529389 -0.811210 2.300917  16 6 0 5.914426 0.219460 1.482543  17 6 0 -2.801852 -0.797319 -0.569168  18 6 0 -3.673210 -0.282430 0.456187  19 6 0 -5.003766 -0.810380 0.563304  20 6 0 -5.411592 -1.869541 -0.285446  21 6 0 -4.531731 -2.414456 -1.184823  22 6 0 -3.231598 -1.886710 -1.309384  23 6 0 -3.268153 0.678336 1.423921  24 6 0 -4.136507 1.139544 2.384174  25 6 0 -5.465770 0.666407 2.439706  26 6 0 -5.881780 -0.293777 1.552863  27 6 0 1.948156 -2.093026 -0.981014  28 7 0 1.625879 -3.314913 -0.858965  29 6 0 2.633210 -4.317339 -1.141709  30 6 0 -1.964714 2.109910 -0.961318  31 7 0 -1.638628 3.333449 -0.867363  32 6 0 -2.661226 4.331937 -1.105687  33 1 0 -0.635254 -2.359496 -0.712723  34 1 0 0.622480 2.382158 -0.753069  35 1 0 2.506592 2.492815 -1.866936  36 1 0 4.736910 3.464113 -1.548305  37 1 0 6.385113 2.342748 -0.075029  38 1 0 2.297319 -1.140847 1.326949  39 1 0 3.876953 -2.063705 2.923724  40 1 0 6.227046 -1.238015 3.012540  41 1 0 6.916811 0.629570 1.548557  42 1 0 -6.421116 -2.255763 -0.192645  43 1 0 -4.831121 -3.245689 -1.812999  44 1 0 -2.565550 -2.310357 -2.052038  45 1 0 -2.249578 1.040215 1.419581  46 1 0 -3.793535 1.865738 3.112541  47 1 0 -6.144433 1.046338 3.194972  48 1 0 -6.890216 -0.690876 1.605122  49 1 0 2.958997 -1.793348 -1.285058  50 1 0 3.604546 -3.897358 -1.442557  51 1 0 -2.989529 1.806488 -1.209370  52 1 0 -3.646884 3.907843 -1.348509  53 1 0 2.777162 -4.942153 -0.254551  54 1 0 2.270486 -4.977943 -1.935703  55 1 0 -2.757217 4.966340 -0.218898  56 1 0 -2.343120 4.983876 -1.925565 |
| TM\_NP\_model\_scan\_p\_150\_p\_150 | 1 6 0 1.388795 0.371689 -0.762740  2 6 0 0.362201 1.320953 -0.768177  3 6 0 -0.994175 0.989677 -0.790147  4 6 0 -1.388769 -0.371614 -0.762659  5 6 0 -0.362179 -1.320876 -0.768208  6 6 0 0.994200 -0.989602 -0.790226  7 6 0 -2.788219 -0.848447 -0.545177  8 6 0 -3.169328 -2.044393 -1.135989  9 6 0 -4.447754 -2.605048 -0.956541  10 6 0 -5.359702 -1.987994 -0.140032  11 6 0 -4.995343 -0.827481 0.585824  12 6 0 -3.680426 -0.269547 0.432065  13 6 0 -3.311192 0.774326 1.326047  14 6 0 -4.201155 1.293968 2.235465  15 6 0 -5.521719 0.801452 2.313991  16 6 0 -5.900323 -0.244950 1.512763  17 6 0 2.788259 0.848488 -0.545213  18 6 0 3.680385 0.269526 0.432039  19 6 0 4.995326 0.827390 0.585897  20 6 0 5.359790 1.987881 -0.139916  21 6 0 4.447910 2.604998 -0.956476  22 6 0 3.169467 2.044435 -1.135981  23 6 0 3.311044 -0.774305 1.326035  24 6 0 4.200928 -1.293978 2.235512  25 6 0 5.521531 -0.801562 2.314102  26 6 0 5.900238 0.244800 1.512878  27 6 0 -1.974676 2.078711 -1.007937  28 7 0 -1.664486 3.305375 -0.904231  29 6 0 -2.684436 4.293463 -1.192370  30 6 0 1.974702 -2.078661 -1.008030  31 7 0 1.664555 -3.305325 -0.904249  32 6 0 2.684532 -4.293367 -1.192418  33 1 0 0.596119 2.377106 -0.739863  34 1 0 -0.596139 -2.377021 -0.739949  35 1 0 -2.489377 -2.526039 -1.828333  36 1 0 -4.706097 -3.518062 -1.480720  37 1 0 -6.356980 -2.395136 -0.011657  38 1 0 -2.299941 1.153594 1.314280  39 1 0 -3.879586 2.081108 2.908133  40 1 0 -6.219511 1.230293 3.024254  41 1 0 -6.897455 -0.665509 1.591370  42 1 0 6.357080 2.394978 -0.011505  43 1 0 4.706342 3.518006 -1.480624  44 1 0 2.489594 2.526119 -1.828374  45 1 0 2.299776 -1.153530 1.314260  46 1 0 3.879261 -2.081072 2.908189  47 1 0 6.219244 -1.230448 3.024413  48 1 0 6.897390 0.665307 1.591498  49 1 0 -2.984464 1.764564 -1.300591  50 1 0 -3.653415 3.859315 -1.480366  51 1 0 2.984475 -1.764517 -1.300728  52 1 0 3.653474 -3.859187 -1.480490  53 1 0 -2.828545 4.928270 -0.312365  54 1 0 -2.334746 4.947366 -1.997680  55 1 0 2.828717 -4.928130 -0.312394  56 1 0 2.334816 -4.947319 -1.997678 |
| TM\_NP\_model\_scan\_p\_150\_p\_160 | 1 6 0 1.388820 0.392609 -0.785544  2 6 0 0.343526 1.324342 -0.804781  3 6 0 -1.008300 0.977694 -0.816778  4 6 0 -1.388932 -0.386023 -0.754430  5 6 0 -0.349845 -1.320443 -0.747703  6 6 0 1.002149 -0.973496 -0.783789  7 6 0 -2.780860 -0.873950 -0.517301  8 6 0 -3.151451 -2.087934 -1.077347  9 6 0 -4.422537 -2.658263 -0.877631  10 6 0 -5.337267 -2.031845 -0.071388  11 6 0 -4.982455 -0.850087 0.624299  12 6 0 -3.674724 -0.281359 0.450171  13 6 0 -3.312935 0.788076 1.316532  14 6 0 -4.204300 1.319771 2.217595  15 6 0 -5.518758 0.814509 2.315025  16 6 0 -5.889388 -0.255337 1.541521  17 6 0 2.773549 0.896467 -0.520483  18 6 0 3.691978 0.268342 0.406638  19 6 0 4.991927 0.851968 0.598354  20 6 0 5.307395 2.092291 -0.007119  21 6 0 4.356485 2.762323 -0.731532  22 6 0 3.099583 2.173447 -0.959159  23 6 0 3.362056 -0.841140 1.235007  24 6 0 4.277188 -1.404881 2.091909  25 6 0 5.589902 -0.895183 2.182432  26 6 0 5.928116 0.219442 1.459626  27 6 0 -2.000989 2.051816 -1.053812  28 7 0 -1.703228 3.283669 -0.979786  29 6 0 -2.734934 4.254384 -1.284814  30 6 0 1.982408 -2.057371 -1.035725  31 7 0 1.685767 -3.286423 -0.923307  32 6 0 2.700299 -4.266101 -1.255941  33 1 0 0.553480 2.384961 -0.788431  34 1 0 -0.568384 -2.379359 -0.703425  35 1 0 -2.469812 -2.578385 -1.761759  36 1 0 -4.673292 -3.586426 -1.378351  37 1 0 -6.329214 -2.446885 0.072089  38 1 0 -2.306117 1.178356 1.290571  39 1 0 -3.888382 2.126722 2.869132  40 1 0 -6.217846 1.252667 3.018284  41 1 0 -6.881238 -0.685096 1.635629  42 1 0 6.292916 2.517740 0.149129  43 1 0 4.568188 3.739221 -1.150875  44 1 0 2.402915 2.703584 -1.596280  45 1 0 2.357719 -1.236022 1.223771  46 1 0 3.979393 -2.240195 2.715648  47 1 0 6.309785 -1.360573 2.846048  48 1 0 6.914291 0.661118 1.557966  49 1 0 -3.008963 1.720680 -1.333635  50 1 0 -3.700993 3.803651 -1.556596  51 1 0 2.977084 -1.735041 -1.368751  52 1 0 3.653360 -3.823893 -1.582274  53 1 0 -2.880535 4.908251 -0.419132  54 1 0 -2.396807 4.892643 -2.107439  55 1 0 2.885547 -4.902189 -0.384549  56 1 0 2.322898 -4.920646 -2.048123 |
| TM\_NP\_model\_scan\_p\_160\_m\_0 | 1 6 0 -1.473289 0.589133 -0.324723  2 6 0 -0.706393 -0.583068 -0.423155  3 6 0 0.678352 -0.622431 -0.610313  4 6 0 1.432114 0.574820 -0.615437  5 6 0 0.684002 1.751459 -0.475783  6 6 0 -0.702141 1.792267 -0.348306  7 6 0 2.919400 0.671077 -0.490760  8 6 0 3.536364 1.836430 -0.927885  9 6 0 4.922151 2.052906 -0.822876  10 6 0 5.720137 1.112592 -0.225194  11 6 0 5.139516 -0.030283 0.376032  12 6 0 3.717846 -0.232844 0.311127  13 6 0 3.180080 -1.258366 1.137985  14 6 0 3.985756 -2.095373 1.872713  15 6 0 5.389999 -1.962314 1.833143  16 6 0 5.947302 -0.939164 1.110550  17 6 0 -2.838081 0.483355 0.283658  18 6 0 -3.718613 -0.650451 0.042893  19 6 0 -4.978460 -0.709383 0.731919  20 6 0 -5.424146 0.401166 1.491074  21 6 0 -4.676791 1.546540 1.524342  22 6 0 -3.414814 1.587436 0.898974  23 6 0 -3.473562 -1.680104 -0.909079  24 6 0 -4.329645 -2.745102 -1.068796  25 6 0 -5.497243 -2.856154 -0.287501  26 6 0 -5.818284 -1.843895 0.579910  27 6 0 1.282138 -1.924169 -0.986688  28 7 0 0.655022 -3.023366 -0.888265  29 6 0 1.316804 -4.230217 -1.341085  30 6 0 -1.317837 3.138444 -0.464610  31 7 0 -0.715556 4.203043 -0.123734  32 6 0 -1.372546 5.469925 -0.377702  33 1 0 -1.165460 -1.552459 -0.313828  34 1 0 1.180188 2.711161 -0.429665  35 1 0 2.950707 2.568951 -1.469006  36 1 0 5.350448 2.959115 -1.235551  37 1 0 6.794656 1.248801 -0.166023  38 1 0 2.109758 -1.365411 1.225025  39 1 0 3.533921 -2.854484 2.501212  40 1 0 6.016986 -2.641217 2.399865  41 1 0 7.021273 -0.784719 1.112787  42 1 0 -6.378376 0.339742 2.003259  43 1 0 -5.030361 2.422907 2.055427  44 1 0 -2.820457 2.472783 1.068148  45 1 0 -2.617825 -1.614715 -1.562516  46 1 0 -4.106251 -3.499112 -1.815081  47 1 0 -6.151748 -3.712551 -0.402896  48 1 0 -6.743997 -1.875561 1.145050  49 1 0 2.297504 -1.878488 -1.400269  50 1 0 2.325653 -4.057628 -1.744592  51 1 0 -2.313833 3.168118 -0.928017  52 1 0 -2.364734 5.369767 -0.843884  53 1 0 1.385140 -4.936798 -0.507855  54 1 0 0.703810 -4.710127 -2.110613  55 1 0 -1.475976 6.017904 0.564096  56 1 0 -0.737971 6.080884 -1.027639 |
| TM\_NP\_model\_scan\_p\_160\_m\_10 | 1 6 0 -1.459500 0.537095 -0.243386  2 6 0 -0.690941 -0.632164 -0.336116  3 6 0 0.689910 -0.656844 -0.549456  4 6 0 1.425101 0.552658 -0.605788  5 6 0 0.667547 1.724790 -0.482137  6 6 0 -0.716532 1.750761 -0.322230  7 6 0 2.914228 0.669283 -0.519726  8 6 0 3.507217 1.828838 -1.002745  9 6 0 4.892599 2.063136 -0.936993  10 6 0 5.715475 1.148256 -0.333642  11 6 0 5.162380 0.016349 0.312561  12 6 0 3.741883 -0.202736 0.287975  13 6 0 3.235716 -1.210073 1.156122  14 6 0 4.068094 -2.018505 1.893089  15 6 0 5.469421 -1.872510 1.814861  16 6 0 5.997678 -0.863718 1.051432  17 6 0 -2.826180 0.438509 0.353475  18 6 0 -3.740012 -0.642034 0.032222  19 6 0 -5.015077 -0.692630 0.691817  20 6 0 -5.418055 0.372477 1.535584  21 6 0 -4.610782 1.467079 1.690374  22 6 0 -3.341124 1.503165 1.080652  23 6 0 -3.497594 -1.628135 -0.964751  24 6 0 -4.389890 -2.645044 -1.212090  25 6 0 -5.590925 -2.744629 -0.480154  26 6 0 -5.898032 -1.775496 0.440275  27 6 0 1.305238 -1.958742 -0.906166  28 7 0 0.699925 -3.064457 -0.757616  29 6 0 1.367790 -4.273207 -1.196005  30 6 0 -1.369214 3.078149 -0.435308  31 7 0 -0.762532 4.165163 -0.184180  32 6 0 -1.467108 5.409934 -0.418217  33 1 0 -1.148332 -1.601515 -0.207231  34 1 0 1.153006 2.691063 -0.474840  35 1 0 2.900768 2.539830 -1.549653  36 1 0 5.300356 2.962305 -1.384423  37 1 0 6.789499 1.297449 -0.304515  38 1 0 2.169049 -1.325387 1.272547  39 1 0 3.639894 -2.764538 2.552996  40 1 0 6.117519 -2.529311 2.383887  41 1 0 7.069641 -0.698259 1.023068  42 1 0 -6.384118 0.317567 2.025941  43 1 0 -4.926979 2.304495 2.301852  44 1 0 -2.699927 2.339178 1.322090  45 1 0 -2.608681 -1.565752 -1.573725  46 1 0 -4.169831 -3.370122 -1.987486  47 1 0 -6.277350 -3.562151 -0.668989  48 1 0 -6.840565 -1.804719 0.977025  49 1 0 2.307318 -1.908580 -1.350576  50 1 0 2.361212 -4.096758 -1.634603  51 1 0 -2.403438 3.071750 -0.805411  52 1 0 -2.494710 5.275463 -0.788975  53 1 0 1.472428 -4.954421 -0.345587  54 1 0 0.739956 -4.784446 -1.932688  55 1 0 -1.497424 5.987637 0.510958  56 1 0 -0.906903 6.010210 -1.142269 |
| TM\_NP\_model\_scan\_p\_160\_m\_20 | 1 6 0 -1.445906 0.488462 -0.161858  2 6 0 -0.674862 -0.676715 -0.251784  3 6 0 0.701501 -0.686706 -0.491354  4 6 0 1.416843 0.533361 -0.594402  5 6 0 0.648636 1.699715 -0.485057  6 6 0 -0.732911 1.711160 -0.295045  7 6 0 2.906507 0.669478 -0.544995  8 6 0 3.474737 1.823445 -1.069360  9 6 0 4.858296 2.075277 -1.040442  10 6 0 5.705433 1.184975 -0.433870  11 6 0 5.180463 0.063062 0.251842  12 6 0 3.762364 -0.172359 0.265241  13 6 0 3.288127 -1.163851 1.169196  14 6 0 4.146599 -1.944953 1.905657  15 6 0 5.543997 -1.785488 1.791294  16 6 0 6.042701 -0.789526 0.992071  17 6 0 -2.819377 0.395384 0.413716  18 6 0 -3.756870 -0.633952 0.020057  19 6 0 -5.043356 -0.681272 0.655801  20 6 0 -5.413234 0.331050 1.576673  21 6 0 -4.560343 1.370524 1.837522  22 6 0 -3.284106 1.406866 1.241419  23 6 0 -3.514130 -1.574053 -1.019726  24 6 0 -4.433861 -2.542284 -1.347106  25 6 0 -5.660844 -2.633195 -0.656946  26 6 0 -5.958484 -1.711519 0.314265  27 6 0 1.328667 -1.986671 -0.833907  28 7 0 0.744529 -3.097676 -0.645405  29 6 0 1.419681 -4.305915 -1.073861  30 6 0 -1.417904 3.021506 -0.398659  31 7 0 -0.813067 4.125277 -0.228305  32 6 0 -1.558654 5.350525 -0.436096  33 1 0 -1.129526 -1.646488 -0.108046  34 1 0 1.122171 2.671520 -0.512817  35 1 0 2.847923 2.513630 -1.619919  36 1 0 5.245095 2.967833 -1.518669  37 1 0 6.777983 1.347057 -0.432656  38 1 0 2.225890 -1.288428 1.313437  39 1 0 3.742377 -2.679522 2.592987  40 1 0 6.212609 -2.421222 2.360513  41 1 0 7.111724 -0.612815 0.934927  42 1 0 -6.388369 0.279275 2.049161  43 1 0 -4.848758 2.162440 2.519329  44 1 0 -2.607784 2.195651 1.542795  45 1 0 -2.598565 -1.514225 -1.589464  46 1 0 -4.215980 -3.236105 -2.151193  47 1 0 -6.371434 -3.410971 -0.912624  48 1 0 -6.914354 -1.741334 0.826877  49 1 0 2.318577 -1.931449 -1.304219  50 1 0 2.399996 -4.124926 -1.539331  51 1 0 -2.478649 2.987040 -0.680072  52 1 0 -2.611488 5.187639 -0.712591  53 1 0 1.553945 -4.967362 -0.212079  54 1 0 0.782378 -4.841571 -1.784626  55 1 0 -1.520116 5.955380 0.475324  56 1 0 -1.074157 5.937764 -1.222796 |
| TM\_NP\_model\_scan\_p\_160\_m\_30 | 1 6 0 -1.433224 0.443825 -0.079052  2 6 0 -0.659171 -0.716874 -0.168396  3 6 0 0.712255 -0.713042 -0.434320  4 6 0 1.407388 0.515647 -0.580937  5 6 0 0.628476 1.675615 -0.482358  6 6 0 -0.749701 1.673167 -0.262722  7 6 0 2.896518 0.670210 -0.568509  8 6 0 3.438869 1.818662 -1.130916  9 6 0 4.819536 2.087422 -1.138838  10 6 0 5.690877 1.220908 -0.532180  11 6 0 5.195059 0.108503 0.189698  12 6 0 3.780530 -0.142908 0.240804  13 6 0 3.339140 -1.119476 1.177340  14 6 0 4.223651 -1.873605 1.911082  15 6 0 5.616073 -1.700526 1.761132  16 6 0 6.084245 -0.717120 0.928639  17 6 0 -2.815542 0.352783 0.471604  18 6 0 -3.770623 -0.622230 0.003761  19 6 0 -5.065725 -0.675814 0.619737  20 6 0 -5.409315 0.268968 1.619342  21 6 0 -4.521126 1.247758 1.981562  22 6 0 -3.239734 1.293831 1.396502  23 6 0 -3.526130 -1.505425 -1.083864  24 6 0 -4.466133 -2.422597 -1.490062  25 6 0 -5.713100 -2.513352 -0.835303  26 6 0 -6.004845 -1.649948 0.190034  27 6 0 1.350492 -2.010289 -0.766018  28 7 0 0.787806 -3.125459 -0.540457  29 6 0 1.469854 -4.332296 -0.961833  30 6 0 -1.463077 2.968136 -0.351375  31 7 0 -0.864880 4.084621 -0.255837  32 6 0 -1.645030 5.293013 -0.431907  33 1 0 -1.110057 -1.687573 -0.012688  34 1 0 1.089750 2.651878 -0.541678  35 1 0 2.791644 2.488856 -1.682522  36 1 0 5.184483 2.973631 -1.645222  37 1 0 6.761135 1.395503 -0.558661  38 1 0 2.282163 -1.253705 1.349028  39 1 0 3.844193 -2.597127 2.623802  40 1 0 6.305116 -2.315456 2.328838  41 1 0 7.149453 -0.529225 0.842996  42 1 0 -6.391033 0.212914 2.077572  43 1 0 -4.788321 1.983076 2.731973  44 1 0 -2.537285 2.036164 1.754102  45 1 0 -2.589604 -1.442392 -1.619463  46 1 0 -4.249601 -3.076773 -2.327083  47 1 0 -6.441504 -3.249196 -1.156680  48 1 0 -6.971273 -1.686771 0.682008  49 1 0 2.327627 -1.950386 -1.261795  50 1 0 2.437146 -4.146902 -1.452206  51 1 0 -2.541720 2.910998 -0.546018  52 1 0 -2.713010 5.107632 -0.622837  53 1 0 1.632053 -4.975995 -0.091469  54 1 0 0.824382 -4.889377 -1.648380  55 1 0 -1.546948 5.918991 0.460608  56 1 0 -1.232208 5.869435 -1.266060 |
| TM\_NP\_model\_scan\_p\_160\_m\_40 | 1 6 0 -1.421613 0.402817 0.003453  2 6 0 -0.644090 -0.753136 -0.089038  3 6 0 0.721854 -0.736431 -0.381530  4 6 0 1.396852 0.499297 -0.567348  5 6 0 0.607594 1.652512 -0.474470  6 6 0 -0.766200 1.636933 -0.224651  7 6 0 2.884416 0.671043 -0.591072  8 6 0 3.400675 1.814442 -1.187179  9 6 0 4.777517 2.099063 -1.230549  10 6 0 5.672159 1.254934 -0.626351  11 6 0 5.205438 0.151387 0.127758  12 6 0 3.795435 -0.115419 0.214615  13 6 0 3.386327 -1.078101 1.179916  14 6 0 4.295620 -1.806337 1.909498  15 6 0 5.682302 -1.619836 1.726035  16 6 0 6.120367 -0.648383 0.863674  17 6 0 -2.812425 0.307829 0.531100  18 6 0 -3.781353 -0.604707 -0.016341  19 6 0 -5.082242 -0.677446 0.584017  20 6 0 -5.404780 0.179981 1.666118  21 6 0 -4.489008 1.089643 2.128386  22 6 0 -3.203475 1.156157 1.553341  23 6 0 -3.535652 -1.411909 -1.160808  24 6 0 -4.490461 -2.272308 -1.647809  25 6 0 -5.751717 -2.375866 -1.021717  26 6 0 -6.039123 -1.588494 0.064558  27 6 0 1.370344 -2.030308 -0.705834  28 7 0 0.829364 -3.148806 -0.446174  29 6 0 1.518024 -4.353435 -0.863053  30 6 0 -1.503261 2.918905 -0.290317  31 7 0 -0.914424 4.044300 -0.266788  32 6 0 -1.722220 5.239695 -0.400962  33 1 0 -1.090091 -1.725327 0.076130  34 1 0 1.056609 2.632433 -0.560874  35 1 0 2.733689 2.466088 -1.737455  36 1 0 5.120658 2.979375 -1.761866  37 1 0 6.739412 1.441479 -0.679405  38 1 0 2.335102 -1.221850 1.377215  39 1 0 3.940538 -2.519486 2.644894  40 1 0 6.390831 -2.214696 2.291139  41 1 0 7.181102 -0.449645 0.751168  42 1 0 -6.391112 0.110870 2.112577  43 1 0 -4.739333 1.753691 2.947928  44 1 0 -2.480622 1.846801 1.971046  45 1 0 -2.583568 -1.336058 -1.667815  46 1 0 -4.275440 -2.872156 -2.524978  47 1 0 -6.493151 -3.064935 -1.410110  48 1 0 -7.013177 -1.641386 0.539759  49 1 0 2.334146 -1.965924 -1.226561  50 1 0 2.472203 -4.163559 -1.376888  51 1 0 -2.592997 2.844530 -0.394666  52 1 0 -2.799425 5.038337 -0.502415  53 1 0 1.707031 -4.981072 0.013599  54 1 0 0.865367 -4.929587 -1.526728  55 1 0 -1.561360 5.883117 0.469802  56 1 0 -1.384796 5.805379 -1.275408 |
| TM\_NP\_model\_scan\_p\_160\_m\_50 | 1 6 0 -1.411479 0.356529 0.102340  2 6 0 -0.625526 -0.791315 0.003655  3 6 0 0.733581 -0.758076 -0.318594  4 6 0 1.383484 0.485739 -0.542125  5 6 0 0.580998 1.629352 -0.446227  6 6 0 -0.786618 1.596654 -0.162426  7 6 0 2.867631 0.678268 -0.609304  8 6 0 3.350530 1.819294 -1.236883  9 6 0 4.721463 2.122139 -1.323638  10 6 0 5.644632 1.300247 -0.731909  11 6 0 5.214942 0.202833 0.052555  12 6 0 3.811811 -0.082017 0.183095  13 6 0 3.443460 -1.033868 1.175168  14 6 0 4.382958 -1.736753 1.891208  15 6 0 5.761247 -1.534027 1.666196  16 6 0 6.161301 -0.571526 0.775772  17 6 0 -2.811239 0.245425 0.605642  18 6 0 -3.787003 -0.588859 -0.038893  19 6 0 -5.098622 -0.690536 0.532308  20 6 0 -5.413886 0.053133 1.697729  21 6 0 -4.479926 0.877370 2.271481  22 6 0 -3.185396 0.974873 1.720030  23 6 0 -3.530141 -1.294453 -1.246112  24 6 0 -4.493517 -2.080611 -1.831267  25 6 0 -5.772548 -2.205750 -1.245407  26 6 0 -6.065790 -1.520370 -0.093264  27 6 0 1.394122 -2.046241 -0.640847  28 7 0 0.880255 -3.168761 -0.345859  29 6 0 1.576566 -4.368889 -0.762957  30 6 0 -1.547609 2.864738 -0.197508  31 7 0 -0.976596 3.998368 -0.250064  32 6 0 -1.811611 5.179494 -0.332228  33 1 0 -1.062300 -1.766805 0.177064  34 1 0 1.014114 2.614013 -0.556221  35 1 0 2.659275 2.452631 -1.778500  36 1 0 5.036943 2.998429 -1.878251  37 1 0 6.707221 1.500581 -0.818058  38 1 0 2.400270 -1.189119 1.403836  39 1 0 4.058693 -2.442122 2.648033  40 1 0 6.493577 -2.109178 2.221272  41 1 0 7.215550 -0.359909 0.630529  42 1 0 -6.408413 -0.035795 2.122056  43 1 0 -4.724509 1.450361 3.158728  44 1 0 -2.450818 1.603771 2.209871  45 1 0 -2.560154 -1.200921 -1.715961  46 1 0 -4.271843 -2.605918 -2.753444  47 1 0 -6.521600 -2.834353 -1.713569  48 1 0 -7.050708 -1.595871 0.355783  49 1 0 2.340798 -1.974932 -1.191292  50 1 0 2.512828 -4.172249 -1.306405  51 1 0 -2.640729 2.772835 -0.201478  52 1 0 -2.890264 4.961425 -0.329717  53 1 0 1.800304 -4.979065 0.117844  54 1 0 0.915031 -4.966093 -1.398653  55 1 0 -1.581058 5.842864 0.507355  56 1 0 -1.564698 5.731412 -1.244897 |
| TM\_NP\_model\_scan\_p\_160\_m\_60 | 1 6 0 -1.398136 0.292722 0.183108  2 6 0 -0.599086 -0.842401 0.063587  3 6 0 0.752642 -0.783544 -0.286678  4 6 0 1.373336 0.472563 -0.526769  5 6 0 0.552758 1.601902 -0.416624  6 6 0 -0.807500 1.543140 -0.101713  7 6 0 2.852417 0.692604 -0.623465  8 6 0 3.301580 1.840208 -1.263760  9 6 0 4.664553 2.169628 -1.375767  10 6 0 5.613969 1.368956 -0.796680  11 6 0 5.219902 0.266498 -0.000629  12 6 0 3.825157 -0.045910 0.154849  13 6 0 3.492972 -1.001463 1.156013  14 6 0 4.458364 -1.682366 1.858711  15 6 0 5.828298 -1.452226 1.610285  16 6 0 6.193744 -0.485413 0.709706  17 6 0 -2.799838 0.155529 0.680100  18 6 0 -3.794539 -0.567328 -0.058001  19 6 0 -5.109020 -0.702683 0.498697  20 6 0 -5.400333 -0.109798 1.753601  21 6 0 -4.439277 0.596717 2.430766  22 6 0 -3.142731 0.729499 1.889751  23 6 0 -3.546687 -1.135423 -1.337219  24 6 0 -4.528888 -1.817292 -2.014440  25 6 0 -5.816318 -1.968214 -1.452493  26 6 0 -6.096913 -1.419338 -0.226214  27 6 0 1.431500 -2.058479 -0.622305  28 7 0 0.947768 -3.190572 -0.313235  29 6 0 1.658703 -4.377034 -0.744486  30 6 0 -1.595617 2.794302 -0.095119  31 7 0 -1.054984 3.937980 -0.211397  32 6 0 -1.917837 5.101601 -0.230890  33 1 0 -1.020692 -1.825176 0.235403  34 1 0 0.965774 2.594011 -0.536371  35 1 0 2.588437 2.457759 -1.795193  36 1 0 4.952890 3.049622 -1.939229  37 1 0 6.670696 1.590212 -0.901748  38 1 0 2.457107 -1.177489 1.402074  39 1 0 4.161138 -2.391535 2.623049  40 1 0 6.581348 -2.010039 2.155248  41 1 0 7.240894 -0.252910 0.546158  42 1 0 -6.397392 -0.222276 2.166306  43 1 0 -4.665166 1.050073 3.389307  44 1 0 -2.388160 1.271240 2.448993  45 1 0 -2.566884 -1.021279 -1.782553  46 1 0 -4.316241 -2.240581 -2.989695  47 1 0 -6.580977 -2.512268 -1.995404  48 1 0 -7.085955 -1.521386 0.208282  49 1 0 2.363699 -1.969077 -1.194513  50 1 0 2.578679 -4.162351 -1.308561  51 1 0 -2.682837 2.680431 -0.002491  52 1 0 -2.987244 4.862568 -0.129875  53 1 0 1.914087 -4.981320 0.131756  54 1 0 0.995484 -4.988276 -1.364905  55 1 0 -1.627085 5.779047 0.578225  56 1 0 -1.764123 5.647410 -1.167358 |
| TM\_NP\_model\_scan\_p\_160\_m\_70 | 1 6 0 -1.387296 0.216123 0.267350  2 6 0 -0.568191 -0.899758 0.118811  3 6 0 0.775393 -0.805598 -0.256188  4 6 0 1.361616 0.467337 -0.495056  5 6 0 0.519091 1.577085 -0.354028  6 6 0 -0.833033 1.482621 -0.013271  7 6 0 2.833198 0.721495 -0.621300  8 6 0 3.242483 1.885939 -1.257743  9 6 0 4.595131 2.246523 -1.396375  10 6 0 5.574630 1.460383 -0.848405  11 6 0 5.222863 0.340607 -0.056590  12 6 0 3.839103 -0.004012 0.126513  13 6 0 3.550374 -0.977685 1.123580  14 6 0 4.545866 -1.645192 1.796499  15 6 0 5.904530 -1.382291 1.520259  16 6 0 6.228525 -0.397672 0.623109  17 6 0 -2.791004 0.036840 0.751535  18 6 0 -3.799421 -0.543004 -0.084599  19 6 0 -5.117191 -0.732086 0.446926  20 6 0 -5.394212 -0.336273 1.780366  21 6 0 -4.415325 0.228556 2.557870  22 6 0 -3.115178 0.414356 2.039644  23 6 0 -3.555329 -0.923537 -1.432014  24 6 0 -4.549557 -1.474125 -2.204329  25 6 0 -5.843809 -1.672916 -1.673150  26 6 0 -6.118347 -1.307457 -0.378739  27 6 0 1.475546 -2.060491 -0.621839  28 7 0 1.026696 -3.206741 -0.312270  29 6 0 1.754192 -4.371359 -0.774326  30 6 0 -1.649844 2.713054 0.048145  31 7 0 -1.147892 3.869715 -0.105932  32 6 0 -2.036739 5.012410 -0.052917  33 1 0 -0.968681 -1.893482 0.278291  34 1 0 0.908412 2.579447 -0.467144  35 1 0 2.504108 2.493652 -1.765664  36 1 0 4.851365 3.138970 -1.955753  37 1 0 6.623641 1.705957 -0.974683  38 1 0 2.524317 -1.179280 1.390200  39 1 0 4.281329 -2.369391 2.558747  40 1 0 6.681623 -1.929621 2.041589  41 1 0 7.266437 -0.140495 0.438890  42 1 0 -6.394038 -0.487236 2.173616  43 1 0 -4.630245 0.529937 3.576882  44 1 0 -2.348015 0.848493 2.671200  45 1 0 -2.567916 -0.772378 -1.849232  46 1 0 -4.341754 -1.757333 -3.230074  47 1 0 -6.618362 -2.111053 -2.292510  48 1 0 -7.111460 -1.451541 0.034126  49 1 0 2.390650 -1.943529 -1.216357  50 1 0 2.654217 -4.128779 -1.358868  51 1 0 -2.723830 2.571351 0.222844  52 1 0 -3.089907 4.747479 0.124756  53 1 0 2.045944 -4.978568 0.088449  54 1 0 1.090007 -4.991588 -1.384718  55 1 0 -1.702920 5.691420 0.738122  56 1 0 -1.964955 5.567507 -0.993731 |
| TM\_NP\_model\_scan\_p\_160\_m\_80 | 1 6 0 -1.376517 0.108314 0.339973  2 6 0 -0.528908 -0.977844 0.146907  3 6 0 0.806250 -0.832400 -0.244139  4 6 0 1.350193 0.463895 -0.454281  5 6 0 0.479641 1.544212 -0.261116  6 6 0 -0.863015 1.399047 0.097595  7 6 0 2.810897 0.765357 -0.602030  8 6 0 3.171787 1.960895 -1.209508  9 6 0 4.509991 2.365321 -1.366150  10 6 0 5.523932 1.591353 -0.865505  11 6 0 5.222587 0.437736 -0.101923  12 6 0 3.853817 0.047200 0.100632  13 6 0 3.615731 -0.964209 1.073137  14 6 0 4.644937 -1.622459 1.703065  15 6 0 5.988893 -1.311801 1.405243  16 6 0 6.264106 -0.291267 0.532259  17 6 0 -2.779994 -0.129388 0.804375  18 6 0 -3.805247 -0.518184 -0.116324  19 6 0 -5.127223 -0.764045 0.379565  20 6 0 -5.388844 -0.614979 1.765729  21 6 0 -4.390631 -0.237957 2.627720  22 6 0 -3.086113 0.004697 2.143182  23 6 0 -3.569080 -0.661605 -1.510302  24 6 0 -4.578777 -1.033508 -2.364912  25 6 0 -5.879851 -1.282171 -1.872718  26 6 0 -6.144733 -1.148941 -0.532173  27 6 0 1.535543 -2.054497 -0.660069  28 7 0 1.129380 -3.222140 -0.372058  29 6 0 1.881299 -4.350202 -0.883408  30 6 0 -1.711526 2.601020 0.236097  31 7 0 -1.257188 3.775646 0.071231  32 6 0 -2.172610 4.888945 0.216731  33 1 0 -0.900910 -1.987041 0.274689  34 1 0 0.839868 2.560241 -0.343914  35 1 0 2.404617 2.562354 -1.681097  36 1 0 4.727648 3.282024 -1.902156  37 1 0 6.562292 1.871408 -1.007117  38 1 0 2.602085 -1.203514 1.355627  39 1 0 4.418606 -2.376896 2.448098  40 1 0 6.793006 -1.851850 1.892038  41 1 0 7.289780 0.001593 0.333356  42 1 0 -6.392415 -0.804379 2.132002  43 1 0 -4.594274 -0.127016 3.686792  44 1 0 -2.305419 0.295262 2.837356  45 1 0 -2.574519 -0.475122 -1.895796  46 1 0 -4.377680 -1.137810 -3.425196  47 1 0 -6.667003 -1.577025 -2.557516  48 1 0 -7.142173 -1.336054 -0.147956  49 1 0 2.432396 -1.893453 -1.271911  50 1 0 2.756014 -4.063136 -1.485838  51 1 0 -2.765224 2.421242 0.484694  52 1 0 -3.202288 4.587730 0.461335  53 1 0 2.216921 -4.968360 -0.044657  54 1 0 1.220841 -4.976863 -1.491202  55 1 0 -1.802781 5.558237 1.000021  56 1 0 -2.183930 5.468664 -0.711796 |
| TM\_NP\_model\_scan\_p\_160\_m\_90 | 1 6 0 -1.361155 -0.019838 0.349227  2 6 0 -0.482665 -1.066499 0.091342  3 6 0 0.844968 -0.857710 -0.298211  4 6 0 1.347080 0.464237 -0.437949  5 6 0 0.445693 1.505027 -0.177818  6 6 0 -0.888139 1.298170 0.181849  7 6 0 2.797129 0.818830 -0.572208  8 6 0 3.117927 2.056659 -1.113893  9 6 0 4.441910 2.512817 -1.247595  10 6 0 5.481251 1.746514 -0.788877  11 6 0 5.218819 0.543646 -0.089716  12 6 0 3.863950 0.097549 0.090215  13 6 0 3.660788 -0.973143 1.005622  14 6 0 4.712067 -1.630351 1.599097  15 6 0 6.044621 -1.259503 1.319608  16 6 0 6.284739 -0.184002 0.504158  17 6 0 -2.755321 -0.327496 0.802414  18 6 0 -3.821527 -0.482294 -0.140305  19 6 0 -5.134274 -0.796493 0.341056  20 6 0 -5.345691 -0.947361 1.735736  21 6 0 -4.307531 -0.795771 2.619175  22 6 0 -3.011901 -0.485423 2.148615  23 6 0 -3.632062 -0.336179 -1.540962  24 6 0 -4.679636 -0.490857 -2.416841  25 6 0 -5.973221 -0.801154 -1.940133  26 6 0 -6.191897 -0.950337 -0.592841  27 6 0 1.609534 -2.030584 -0.785878  28 7 0 1.243187 -3.224918 -0.560844  29 6 0 2.026485 -4.298232 -1.138597  30 6 0 -1.767230 2.461756 0.419540  31 7 0 -1.361278 3.657964 0.287402  32 6 0 -2.301317 4.730380 0.542271  33 1 0 -0.823953 -2.092003 0.160853  34 1 0 0.775828 2.534292 -0.200284  35 1 0 2.330411 2.657685 -1.551318  36 1 0 4.628775 3.464079 -1.732567  37 1 0 6.509694 2.067943 -0.913993  38 1 0 2.656092 -1.261054 1.274244  39 1 0 4.511811 -2.431786 2.301304  40 1 0 6.866734 -1.798460 1.776638  41 1 0 7.299880 0.153225 0.322261  42 1 0 -6.342691 -1.186228 2.090854  43 1 0 -4.472817 -0.913699 3.684158  44 1 0 -2.200454 -0.369863 2.858442  45 1 0 -2.642851 -0.103601 -1.915448  46 1 0 -4.514009 -0.376857 -3.482266  47 1 0 -6.790612 -0.922232 -2.642062  48 1 0 -7.182449 -1.190058 -0.220308  49 1 0 2.496073 -1.806397 -1.392845  50 1 0 2.883747 -3.950587 -1.734220  51 1 0 -2.798614 2.233131 0.716933  52 1 0 -3.305113 4.381887 0.827930  53 1 0 2.392791 -4.947431 -0.336938  54 1 0 1.380184 -4.914426 -1.771723  55 1 0 -1.908004 5.370997 1.338019  56 1 0 -2.384159 5.355979 -0.352180 |
| TM\_NP\_model\_scan\_p\_160\_m\_100 | 1 6 0 -1.351754 -0.132569 0.356246  2 6 0 -0.443391 -1.138678 0.045008  3 6 0 0.877125 -0.872635 -0.334017  4 6 0 1.341300 0.468087 -0.405573  5 6 0 0.413252 1.467823 -0.083094  6 6 0 -0.912816 1.205433 0.267730  7 6 0 2.779866 0.869817 -0.527992  8 6 0 3.062218 2.143265 -1.004544  9 6 0 4.372070 2.642811 -1.121640  10 6 0 5.435606 1.882203 -0.711408  11 6 0 5.211784 0.636764 -0.076332  12 6 0 3.871109 0.144240 0.088198  13 6 0 3.704663 -0.978826 0.946548  14 6 0 4.778399 -1.637433 1.496716  15 6 0 6.098040 -1.215849 1.228053  16 6 0 6.302080 -0.092025 0.469982  17 6 0 -2.741846 -0.506801 0.766801  18 6 0 -3.830103 -0.446163 -0.162393  19 6 0 -5.139272 -0.830942 0.275031  20 6 0 -5.325714 -1.267254 1.611991  21 6 0 -4.265850 -1.326837 2.480447  22 6 0 -2.973731 -0.946711 2.053799  23 6 0 -3.664065 -0.028556 -1.510432  24 6 0 -4.731688 0.016526 -2.374537  25 6 0 -6.023180 -0.356028 -1.938879  26 6 0 -6.218617 -0.770970 -0.644769  27 6 0 1.671139 -1.996346 -0.886330  28 7 0 1.340130 -3.210545 -0.721005  29 6 0 2.148523 -4.230565 -1.357635  30 6 0 -1.813501 2.329892 0.596832  31 7 0 -1.450862 3.542573 0.491982  32 6 0 -2.404185 4.573622 0.848416  33 1 0 -0.757249 -2.175102 0.053785  34 1 0 0.716992 2.504662 -0.044216  35 1 0 2.255239 2.744179 -1.404935  36 1 0 4.528930 3.623512 -1.555955  37 1 0 6.453883 2.238108 -0.825889  38 1 0 2.710441 -1.308020 1.206807  39 1 0 4.605985 -2.480429 2.156357  40 1 0 6.938226 -1.755784 1.649676  41 1 0 7.306151 0.282212 0.299337  42 1 0 -6.320687 -1.556360 1.933872  43 1 0 -4.411519 -1.664485 3.500332  44 1 0 -2.145919 -0.995947 2.752258  45 1 0 -2.676679 0.251003 -1.856064  46 1 0 -4.583200 0.336466 -3.399771  47 1 0 -6.856858 -0.316454 -2.630912  48 1 0 -7.206775 -1.063438 -0.304938  49 1 0 2.546341 -1.715358 -1.486011  50 1 0 2.991461 -3.829405 -1.939972  51 1 0 -2.818785 2.057984 0.943164  52 1 0 -3.378573 4.182198 1.176928  53 1 0 2.538746 -4.909131 -0.592400  54 1 0 1.514855 -4.831774 -2.017375  55 1 0 -1.982209 5.192016 1.647059  56 1 0 -2.558424 5.233380 -0.011314 |
| TM\_NP\_model\_scan\_p\_160\_m\_110 | 1 6 0 -1.340233 -0.234802 0.313072  2 6 0 -0.403628 -1.201060 -0.041308  3 6 0 0.912058 -0.884761 -0.397032  4 6 0 1.342597 0.468697 -0.402914  5 6 0 0.388125 1.427966 -0.036452  6 6 0 -0.931741 1.116723 0.295927  7 6 0 2.770802 0.912357 -0.494726  8 6 0 3.022941 2.213399 -0.909730  9 6 0 4.319932 2.751967 -0.991313  10 6 0 5.399902 2.001650 -0.605849  11 6 0 5.204182 0.722921 -0.030344  12 6 0 3.875862 0.188014 0.097977  13 6 0 3.731818 -0.976941 0.902828  14 6 0 4.817773 -1.630721 1.434512  15 6 0 6.127937 -1.162254 1.199255  16 6 0 6.308644 -0.000563 0.494191  17 6 0 -2.721719 -0.667790 0.687038  18 6 0 -3.846382 -0.413826 -0.165143  19 6 0 -5.144044 -0.861442 0.247256  20 6 0 -5.283873 -1.557317 1.475549  21 6 0 -4.189226 -1.810752 2.261847  22 6 0 -2.909563 -1.366639 1.862826  23 6 0 -3.729688 0.248441 -1.417160  24 6 0 -4.832283 0.475132 -2.205580  25 6 0 -6.112977 0.049081 -1.787925  26 6 0 -6.260953 -0.606306 -0.590751  27 6 0 1.738464 -1.961103 -0.994420  28 7 0 1.437440 -3.189645 -0.888456  29 6 0 2.277116 -4.158236 -1.563784  30 6 0 -1.848441 2.202041 0.704785  31 7 0 -1.529664 3.428152 0.615344  32 6 0 -2.489602 4.417134 1.062229  33 1 0 -0.692506 -2.243548 -0.089968  34 1 0 0.667699 2.467873 0.058985  35 1 0 2.203362 2.810675 -1.289558  36 1 0 4.454253 3.755409 -1.378694  37 1 0 6.409200 2.389266 -0.693875  38 1 0 2.744451 -1.343783 1.137555  39 1 0 4.662148 -2.506821 2.053976  40 1 0 6.978420 -1.697867 1.605472  41 1 0 7.303800 0.407533 0.351122  42 1 0 -6.270956 -1.890913 1.778094  43 1 0 -4.298422 -2.349142 3.196474  44 1 0 -2.054802 -1.564536 2.499706  45 1 0 -2.752220 0.570861 -1.752866  46 1 0 -4.719207 0.980263 -3.158252  47 1 0 -6.974904 0.235055 -2.418734  48 1 0 -7.239582 -0.945885 -0.267573  49 1 0 2.611119 -1.630605 -1.572194  50 1 0 3.116560 -3.709431 -2.115573  51 1 0 -2.822481 1.888701 1.100932  52 1 0 -3.429018 3.985140 1.438215  53 1 0 2.675044 -4.863956 -0.827625  54 1 0 1.665593 -4.741473 -2.259605  55 1 0 -2.037091 5.025294 1.851977  56 1 0 -2.717697 5.096262 0.234615 |
| TM\_NP\_model\_scan\_p\_160\_m\_120 | 1 6 0 1.335840 -0.294313 -0.315703  2 6 0 0.381164 -1.237962 0.055381  3 6 0 -0.930332 -0.895551 0.400510  4 6 0 -1.339128 0.464420 0.384140  5 6 0 -0.369694 1.400840 -0.002271  6 6 0 0.945267 1.063671 -0.327657  7 6 0 -2.758942 0.933654 0.472755  8 6 0 -2.987154 2.245995 0.865737  9 6 0 -4.274695 2.806971 0.945323  10 6 0 -5.369132 2.067469 0.580227  11 6 0 -5.197827 0.775755 0.026254  12 6 0 -3.879141 0.217257 -0.100753  13 6 0 -3.758535 -0.963247 -0.886424  14 6 0 -4.858055 -1.608462 -1.400446  15 6 0 -6.159088 -1.115127 -1.165247  16 6 0 -6.316922 0.061124 -0.479052  17 6 0 2.718631 -0.759130 -0.635457  18 6 0 3.852371 -0.379318 0.159078  19 6 0 5.147684 -0.879571 -0.197961  20 6 0 5.277412 -1.758927 -1.303100  21 6 0 4.173306 -2.145062 -2.019151  22 6 0 2.897077 -1.649077 -1.677598  23 6 0 3.748331 0.444453 1.312838  24 6 0 4.859143 0.784005 2.047386  25 6 0 6.138445 0.316816 1.672465  26 6 0 6.274434 -0.500111 0.578036  27 6 0 -1.772750 -1.948593 1.017154  28 7 0 -1.492132 -3.183427 0.930212  29 6 0 -2.345647 -4.126915 1.623607  30 6 0 1.864823 2.127334 -0.786590  31 7 0 1.577562 3.360311 -0.686958  32 6 0 2.530783 4.326146 -1.195028  33 1 0 0.655489 -2.282421 0.134025  34 1 0 -0.634576 2.442037 -0.121554  35 1 0 -2.155583 2.836276 1.230229  36 1 0 -4.390366 3.819195 1.315489  37 1 0 -6.371448 2.472932 0.667701  38 1 0 -2.778450 -1.349434 -1.120803  39 1 0 -4.720332 -2.497196 -2.005995  40 1 0 -7.020541 -1.643870 -1.557087  41 1 0 -7.304565 0.487429 -0.336991  42 1 0 6.263312 -2.129213 -1.563742  43 1 0 4.272742 -2.827966 -2.855243  44 1 0 2.036206 -1.951745 -2.262993  45 1 0 2.773931 0.799632 1.621905  46 1 0 4.752650 1.410264 2.925988  47 1 0 7.007408 0.595596 2.257814  48 1 0 7.250637 -0.878131 0.292437  49 1 0 -2.638314 -1.594843 1.591763  50 1 0 -3.176501 -3.655300 2.169274  51 1 0 2.808368 1.791475 -1.234556  52 1 0 3.438515 3.872333 -1.619890  53 1 0 -2.756464 -4.838606 0.900389  54 1 0 -1.741994 -4.707942 2.328107  55 1 0 2.046855 4.938210 -1.962850  56 1 0 2.818980 5.005833 -0.386898 |
| TM\_NP\_model\_scan\_p\_160\_m\_130 | 1 6 0 1.331286 -0.333367 -0.313867  2 6 0 0.363434 -1.262970 0.064464  3 6 0 -0.944840 -0.906175 0.404228  4 6 0 -1.338858 0.457957 0.385446  5 6 0 -0.358250 1.381527 -0.003307  6 6 0 0.952765 1.029281 -0.328338  7 6 0 -2.752908 0.943546 0.471221  8 6 0 -2.966456 2.259026 0.862059  9 6 0 -4.247582 2.834829 0.938824  10 6 0 -5.349896 2.107440 0.572957  11 6 0 -5.192713 0.812912 0.021316  12 6 0 -3.880411 0.238891 -0.102456  13 6 0 -3.772162 -0.944542 -0.885469  14 6 0 -4.878202 -1.577902 -1.400277  15 6 0 -6.173775 -1.068765 -1.168687  16 6 0 -6.319107 0.110539 -0.484958  17 6 0 2.714896 -0.820110 -0.588784  18 6 0 3.861806 -0.348389 0.139269  19 6 0 5.151516 -0.894051 -0.172163  20 6 0 5.264407 -1.915447 -1.149056  21 6 0 4.147237 -2.402110 -1.777992  22 6 0 2.878770 -1.860255 -1.486537  23 6 0 3.780191 0.597517 1.198003  24 6 0 4.903723 1.017368 1.869006  25 6 0 6.177660 0.515068 1.523317  26 6 0 6.292916 -0.424182 0.529725  27 6 0 -1.798974 -1.948615 1.023158  28 7 0 -1.531512 -3.186609 0.939878  29 6 0 -2.395738 -4.119006 1.635116  30 6 0 1.866674 2.081464 -0.825897  31 7 0 1.603163 3.318110 -0.709364  32 6 0 2.541989 4.271198 -1.266267  33 1 0 0.626900 -2.308648 0.159222  34 1 0 -0.612391 2.424550 -0.129265  35 1 0 -2.128473 2.840249 1.226546  36 1 0 -4.352203 3.848860 1.307323  37 1 0 -6.347581 2.524684 0.657933  38 1 0 -2.796218 -1.342556 -1.117368  39 1 0 -4.749726 -2.469407 -2.003780  40 1 0 -7.040625 -1.588024 -1.561301  41 1 0 -7.301949 0.548699 -0.345690  42 1 0 6.246680 -2.316719 -1.375146  43 1 0 4.230931 -3.198892 -2.508307  44 1 0 2.009939 -2.240400 -2.011696  45 1 0 2.812913 0.982068 1.491879  46 1 0 4.810330 1.734095 2.677161  47 1 0 7.057099 0.860255 2.055120  48 1 0 7.263200 -0.836244 0.272542  49 1 0 -2.661410 -1.584132 1.595751  50 1 0 -3.222312 -3.636985 2.178143  51 1 0 2.780419 1.732746 -1.323089  52 1 0 3.420905 3.805367 -1.736269  53 1 0 -2.813002 -4.828678 0.913622  54 1 0 -1.799161 -4.703966 2.342379  55 1 0 2.027813 4.889373 -2.009140  56 1 0 2.879976 4.947134 -0.474490 |
| TM\_NP\_model\_scan\_p\_160\_m\_140 | 1 6 0 1.330428 -0.366462 -0.330267  2 6 0 0.350142 -1.287210 0.044886  3 6 0 -0.955266 -0.922893 0.384241  4 6 0 -1.336591 0.444898 0.382881  5 6 0 -0.347375 1.361109 -0.000395  6 6 0 0.959504 0.999847 -0.331821  7 6 0 -2.744530 0.944573 0.479150  8 6 0 -2.941980 2.257758 0.886075  9 6 0 -4.216435 2.846231 0.975813  10 6 0 -5.328218 2.134851 0.607004  11 6 0 -5.187587 0.845201 0.039631  12 6 0 -3.882182 0.258560 -0.096978  13 6 0 -3.790122 -0.916833 -0.893934  14 6 0 -4.905262 -1.532311 -1.410834  15 6 0 -6.194182 -1.011895 -1.167514  16 6 0 -6.323743 0.160911 -0.469564  17 6 0 2.718302 -0.867352 -0.553187  18 6 0 3.869576 -0.322807 0.120838  19 6 0 5.159013 -0.898567 -0.137421  20 6 0 5.268490 -2.030022 -0.983672  21 6 0 4.146179 -2.598079 -1.529569  22 6 0 2.880921 -2.023940 -1.298838  23 6 0 3.797122 0.714496 1.091698  24 6 0 4.925372 1.202205 1.706547  25 6 0 6.199204 0.680225 1.392576  26 6 0 6.306574 -0.353642 0.497569  27 6 0 -1.817854 -1.965048 0.992394  28 7 0 -1.562562 -3.204310 0.892015  29 6 0 -2.433754 -4.137732 1.577144  30 6 0 1.862213 2.047704 -0.861000  31 7 0 1.613259 3.285902 -0.731620  32 6 0 2.534105 4.232906 -1.327573  33 1 0 0.603030 -2.334631 0.144630  34 1 0 -0.592160 2.406964 -0.120855  35 1 0 -2.095843 2.825505 1.253016  36 1 0 -4.308476 3.856978 1.356484  37 1 0 -6.320962 2.561675 0.701724  38 1 0 -2.819544 -1.322539 -1.134987  39 1 0 -4.789147 -2.418079 -2.025185  40 1 0 -7.068332 -1.517187 -1.562165  41 1 0 -7.301172 0.607925 -0.320708  42 1 0 6.250611 -2.451767 -1.169328  43 1 0 4.223851 -3.483314 -2.150435  44 1 0 2.011869 -2.468561 -1.769896  45 1 0 2.832970 1.116256 1.369710  46 1 0 4.834319 1.987772 2.448242  47 1 0 7.082894 1.081379 1.875781  48 1 0 7.275042 -0.788379 0.272999  49 1 0 -2.675221 -1.599745 1.571949  50 1 0 -3.253550 -3.655214 2.129846  51 1 0 2.750946 1.692804 -1.397673  52 1 0 3.386831 3.761159 -1.838099  53 1 0 -2.860628 -4.832851 0.847134  54 1 0 -1.840712 -4.738587 2.273956  55 1 0 1.992522 4.858249 -2.044499  56 1 0 2.913618 4.902950 -0.549678 |
| TM\_NP\_model\_scan\_p\_160\_p\_20 | 1 6 0 1.463602 0.510462 0.110942  2 6 0 0.684871 -0.597759 0.471809  3 6 0 -0.699816 -0.557588 0.645799  4 6 0 -1.399555 0.668971 0.509480  5 6 0 -0.617464 1.783523 0.179216  6 6 0 0.766895 1.745477 0.009363  7 6 0 -2.886487 0.809745 0.425473  8 6 0 -3.440072 2.050135 0.716871  9 6 0 -4.820247 2.308054 0.636028  10 6 0 -5.678046 1.327877 0.209401  11 6 0 -5.167144 0.087767 -0.244273  12 6 0 -3.752195 -0.163871 -0.206277  13 6 0 -3.289977 -1.319199 -0.896724  14 6 0 -4.157854 -2.216304 -1.472603  15 6 0 -5.553087 -2.018280 -1.399689  16 6 0 -6.039581 -0.880273 -0.810092  17 6 0 2.944937 0.409194 0.254390  18 6 0 3.687410 -0.742172 -0.211511  19 6 0 5.107113 -0.785125 -0.002152  20 6 0 5.771295 0.332928 0.561789  21 6 0 5.067749 1.464409 0.879537  22 6 0 3.670050 1.502457 0.705575  23 6 0 3.107015 -1.821825 -0.933266  24 6 0 3.853813 -2.901777 -1.341646  25 6 0 5.233800 -2.972247 -1.057753  26 6 0 5.844059 -1.927133 -0.412263  27 6 0 -1.343882 -1.751498 1.245785  28 7 0 -0.789662 -2.893249 1.250757  29 6 0 -1.472277 -3.979882 1.924228  30 6 0 1.409330 2.978093 -0.505764  31 7 0 0.908687 4.131701 -0.327025  32 6 0 1.568162 5.263973 -0.946897  33 1 0 1.160891 -1.536596 0.715773  34 1 0 -1.088822 2.734171 -0.024580  35 1 0 -2.804083 2.825661 1.125436  36 1 0 -5.196410 3.280567 0.932222  37 1 0 -6.748393 1.500148 0.172799  38 1 0 -2.229528 -1.485904 -1.006716  39 1 0 -3.762853 -3.076366 -2.001521  40 1 0 -6.229174 -2.742945 -1.838979  41 1 0 -7.106175 -0.681777 -0.793067  42 1 0 6.844141 0.283441 0.714646  43 1 0 5.574137 2.332111 1.286791  44 1 0 3.142349 2.380554 1.053182  45 1 0 2.059328 -1.787978 -1.193432  46 1 0 3.376655 -3.702343 -1.895548  47 1 0 5.809187 -3.835943 -1.371198  48 1 0 6.911952 -1.946377 -0.221080  49 1 0 -2.317647 -1.582623 1.723298  50 1 0 -2.438116 -3.690777 2.364551  51 1 0 2.324095 2.834718 -1.095779  52 1 0 2.474878 4.995820 -1.510214  53 1 0 -1.636970 -4.796650 1.214363  54 1 0 -0.825892 -4.375599 2.714060  55 1 0 0.866868 5.762063 -1.624011  56 1 0 1.831889 5.994662 -0.175750 |
| TM\_NP\_model\_scan\_p\_160\_p\_30 | 1 6 0 1.462365 0.483274 0.189239  2 6 0 0.671003 -0.612642 0.550992  3 6 0 -0.715966 -0.549877 0.699875  4 6 0 -1.397650 0.681462 0.513267  5 6 0 -0.598882 1.778784 0.165757  6 6 0 0.789058 1.721572 0.028951  7 6 0 -2.881728 0.835419 0.395717  8 6 0 -3.426383 2.089931 0.639276  9 6 0 -4.801426 2.361345 0.522438  10 6 0 -5.662265 1.378965 0.107340  11 6 0 -5.157196 0.120211 -0.299042  12 6 0 -3.746359 -0.146303 -0.224935  13 6 0 -3.284753 -1.327303 -0.871080  14 6 0 -4.151752 -2.231419 -1.437141  15 6 0 -5.545669 -2.015313 -1.398301  16 6 0 -6.029859 -0.854463 -0.853062  17 6 0 2.943211 0.368819 0.311482  18 6 0 3.675467 -0.747271 -0.236374  19 6 0 5.095965 -0.808503 -0.041853  20 6 0 5.762318 0.254458 0.618381  21 6 0 5.060575 1.349523 1.050386  22 6 0 3.662575 1.407289 0.881729  23 6 0 3.076533 -1.774797 -1.015900  24 6 0 3.814655 -2.823319 -1.511629  25 6 0 5.201006 -2.909185 -1.261840  26 6 0 5.824547 -1.915768 -0.550191  27 6 0 -1.387557 -1.717928 1.320171  28 7 0 -0.846523 -2.864657 1.374920  29 6 0 -1.557216 -3.922052 2.065488  30 6 0 1.473687 2.934114 -0.476199  31 7 0 0.967070 4.093918 -0.366714  32 6 0 1.679201 5.207219 -0.961835  33 1 0 1.136498 -1.554179 0.808844  34 1 0 -1.056476 2.727495 -0.075389  35 1 0 -2.789551 2.869900 1.037930  36 1 0 -5.171545 3.346533 0.782113  37 1 0 -6.729529 1.562212 0.043921  38 1 0 -2.224465 -1.509792 -0.954139  39 1 0 -3.756719 -3.111591 -1.931840  40 1 0 -6.221676 -2.745213 -1.828968  41 1 0 -7.094131 -0.643395 -0.863212  42 1 0 6.836035 0.191825 0.760155  43 1 0 5.570101 2.171466 1.540317  44 1 0 3.129383 2.253046 1.297146  45 1 0 2.021206 -1.723009 -1.242786  46 1 0 3.327211 -3.587359 -2.106657  47 1 0 5.770199 -3.746941 -1.648499  48 1 0 6.895014 -1.952246 -0.376662  49 1 0 -2.370292 -1.523531 1.768639  50 1 0 -2.529763 -3.609045 2.473566  51 1 0 2.430723 2.772054 -0.988540  52 1 0 2.624411 4.920881 -1.447534  53 1 0 -1.714451 -4.759081 1.377889  54 1 0 -0.934072 -4.299493 2.882491  55 1 0 1.034677 5.691814 -1.702203  56 1 0 1.888361 5.955375 -0.190667 |
| TM\_NP\_model\_scan\_p\_160\_p\_40 | 1 6 0 1.462107 0.460582 0.271981  2 6 0 0.658105 -0.622846 0.635068  3 6 0 -0.730821 -0.540114 0.756823  4 6 0 -1.394617 0.693710 0.522633  5 6 0 -0.579460 1.774045 0.160467  6 6 0 0.810959 1.699309 0.055661  7 6 0 -2.875127 0.859010 0.371265  8 6 0 -3.410802 2.125237 0.569294  9 6 0 -4.779998 2.408223 0.416114  10 6 0 -5.642962 1.424390 0.009119  11 6 0 -5.143499 0.149985 -0.352976  12 6 0 -3.737562 -0.129508 -0.241612  13 6 0 -3.275942 -1.332391 -0.846096  14 6 0 -4.140866 -2.241997 -1.406426  15 6 0 -5.532753 -2.009982 -1.403269  16 6 0 -6.015174 -0.829815 -0.899471  17 6 0 2.943135 0.329062 0.370500  18 6 0 3.659763 -0.746537 -0.263114  19 6 0 5.080104 -0.835356 -0.081731  20 6 0 5.754601 0.156713 0.674149  21 6 0 5.061296 1.207976 1.216233  22 6 0 3.663629 1.294265 1.053904  23 6 0 3.039634 -1.709171 -1.105862  24 6 0 3.763743 -2.720925 -1.690013  25 6 0 5.153971 -2.830305 -1.469421  26 6 0 5.794350 -1.901829 -0.688013  27 6 0 -1.429070 -1.684374 1.391733  28 7 0 -0.902184 -2.834863 1.488794  29 6 0 -1.639874 -3.866437 2.189854  30 6 0 1.534015 2.893298 -0.437008  31 7 0 1.022824 4.055832 -0.403377  32 6 0 1.784535 5.151550 -0.968607  33 1 0 1.112569 -1.566514 0.907228  34 1 0 -1.022847 2.720160 -0.115340  35 1 0 -2.773716 2.908853 0.960262  36 1 0 -5.144234 3.403995 0.641473  37 1 0 -6.706569 1.617145 -0.081659  38 1 0 -2.216338 -1.528862 -0.900904  39 1 0 -3.745364 -3.139312 -1.868916  40 1 0 -6.207726 -2.743865 -1.828759  41 1 0 -7.076567 -0.607772 -0.937833  42 1 0 6.828283 0.074223 0.805992  43 1 0 5.578318 1.972203 1.785371  44 1 0 3.132144 2.105869 1.536105  45 1 0 1.979040 -1.635133 -1.302964  46 1 0 3.263535 -3.437842 -2.331300  47 1 0 5.712493 -3.637789 -1.929196  48 1 0 6.866139 -1.961557 -0.529653  49 1 0 -2.419096 -1.467476 1.812980  50 1 0 -2.616570 -3.532277 2.570316  51 1 0 2.529369 2.716170 -0.863375  52 1 0 2.765064 4.851043 -1.367982  53 1 0 -1.793435 -4.717999 1.519440  54 1 0 -1.038033 -4.231327 3.028246  55 1 0 1.203602 5.616824 -1.771380  56 1 0 1.932937 5.919848 -0.203147 |
| TM\_NP\_model\_scan\_p\_160\_p\_50 | 1 6 0 1.462266 0.434480 0.361951  2 6 0 0.641925 -0.633955 0.725902  3 6 0 -0.748130 -0.529310 0.818789  4 6 0 -1.390411 0.706499 0.536956  5 6 0 -0.555493 1.768634 0.166457  6 6 0 0.836432 1.674311 0.096823  7 6 0 -2.865587 0.883807 0.346835  8 6 0 -3.391106 2.160438 0.499143  9 6 0 -4.752723 2.454778 0.304748  10 6 0 -5.616966 1.470549 -0.098409  11 6 0 -5.123857 0.181690 -0.415155  12 6 0 -3.724422 -0.110587 -0.261649  13 6 0 -3.262653 -1.334313 -0.822707  14 6 0 -4.124369 -2.248696 -1.380158  15 6 0 -5.513001 -2.000904 -1.417799  16 6 0 -5.993452 -0.802331 -0.957372  17 6 0 2.942819 0.277011 0.442656  18 6 0 3.638655 -0.742160 -0.292681  19 6 0 5.057700 -0.869381 -0.128565  20 6 0 5.745793 0.024521 0.730636  21 6 0 5.066974 1.015704 1.392197  22 6 0 3.670480 1.141919 1.240444  23 6 0 2.993437 -1.613580 -1.211942  24 6 0 3.697937 -2.572646 -1.899379  25 6 0 5.090226 -2.715494 -1.709797  26 6 0 5.751692 -1.878032 -0.847027  27 6 0 -1.475979 -1.647170 1.467177  28 7 0 -0.966464 -2.800845 1.608772  29 6 0 -1.733821 -3.803270 2.320033  30 6 0 1.598698 2.849542 -0.378960  31 7 0 1.089894 4.012771 -0.423768  32 6 0 1.899355 5.091276 -0.954113  33 1 0 1.081742 -1.580435 1.013836  34 1 0 -0.981011 2.713178 -0.141446  35 1 0 -2.754496 2.946703 0.885467  36 1 0 -5.110529 3.460095 0.495345  37 1 0 -6.675671 1.672747 -0.220577  38 1 0 -2.204533 -1.544614 -0.845652  39 1 0 -3.728351 -3.162528 -1.808638  40 1 0 -6.186095 -2.738180 -1.840399  41 1 0 -7.050871 -0.569487 -1.027850  42 1 0 6.818506 -0.085763 0.849646  43 1 0 5.595258 1.701572 2.044751  44 1 0 3.147312 1.908771 1.800064  45 1 0 1.929439 -1.510886 -1.378430  46 1 0 3.181899 -3.222378 -2.597228  47 1 0 5.633373 -3.479792 -2.254106  48 1 0 6.823744 -1.968962 -0.706207  49 1 0 -2.472589 -1.406008 1.858716  50 1 0 -2.713181 -3.445607 2.671225  51 1 0 2.625455 2.658577 -0.714777  52 1 0 2.908275 4.778831 -1.263165  53 1 0 -1.886006 -4.669548 1.668388  54 1 0 -1.154995 -4.154989 3.179984  55 1 0 1.387821 5.535310 -1.814112  56 1 0 1.986986 5.879921 -0.200051 |
| TM\_NP\_model\_scan\_p\_160\_p\_60 | 1 6 0 1.462318 0.403387 0.450171  2 6 0 0.625171 -0.651249 0.810363  3 6 0 -0.765455 -0.527044 0.873744  4 6 0 -1.385717 0.711948 0.556951  5 6 0 -0.531275 1.757476 0.184193  6 6 0 0.860736 1.644005 0.145159  7 6 0 -2.854808 0.903464 0.333093  8 6 0 -3.367279 2.188806 0.452107  9 6 0 -4.720666 2.496530 0.223684  10 6 0 -5.588314 1.516358 -0.181866  11 6 0 -5.104580 0.216638 -0.467115  12 6 0 -3.712518 -0.090165 -0.278253  13 6 0 -3.253999 -1.328163 -0.810044  14 6 0 -4.114714 -2.240609 -1.372173  15 6 0 -5.499004 -1.976623 -1.444107  16 6 0 -5.974368 -0.765242 -1.012866  17 6 0 2.942315 0.218083 0.516589  18 6 0 3.620361 -0.725707 -0.323974  19 6 0 5.036094 -0.896324 -0.174108  20 6 0 5.734922 -0.122452 0.787052  21 6 0 5.068907 0.790268 1.564792  22 6 0 3.674891 0.958740 1.425116  23 6 0 2.955932 -1.485469 -1.324800  24 6 0 3.642521 -2.378399 -2.111936  25 6 0 5.033683 -2.560153 -1.946081  26 6 0 5.711773 -1.831575 -1.000988  27 6 0 -1.521968 -1.625346 1.522600  28 7 0 -1.030791 -2.783121 1.692858  29 6 0 -1.827490 -3.765124 2.400317  30 6 0 1.657863 2.803517 -0.309419  31 7 0 1.155855 3.964425 -0.428889  32 6 0 2.008309 5.029367 -0.917183  33 1 0 1.049190 -1.601460 1.110480  34 1 0 -0.938326 2.702234 -0.147477  35 1 0 -2.729198 2.973602 0.838993  36 1 0 -5.069769 3.509180 0.390063  37 1 0 -6.641555 1.729326 -0.330177  38 1 0 -2.198321 -1.551716 -0.806774  39 1 0 -3.720857 -3.165726 -1.777830  40 1 0 -6.171876 -2.712142 -1.870110  41 1 0 -7.027000 -0.520712 -1.110220  42 1 0 6.805361 -0.263213 0.893900  43 1 0 5.605489 1.381144 2.298500  44 1 0 3.160460 1.666525 2.065466  45 1 0 1.891672 -1.351016 -1.467929  46 1 0 3.113975 -2.946332 -2.869284  47 1 0 5.562612 -3.270628 -2.571313  48 1 0 6.782062 -1.956989 -0.873933  49 1 0 -2.523897 -1.365627 1.887804  50 1 0 -2.808288 -3.388591 2.727024  51 1 0 2.708345 2.603662 -0.554318  52 1 0 3.038981 4.709563 -1.132586  53 1 0 -1.979618 -4.636919 1.756005  54 1 0 -1.271648 -4.114963 3.276025  55 1 0 1.570936 5.451229 -1.827733  56 1 0 2.033968 5.836794 -0.178457 |
| TM\_NP\_model\_scan\_p\_160\_p\_70 | 1 6 0 1.460469 0.350716 0.554664  2 6 0 0.599496 -0.687265 0.902119  3 6 0 -0.790000 -0.536729 0.936010  4 6 0 -1.380412 0.710408 0.594719  5 6 0 -0.499788 1.739925 0.239079  6 6 0 0.890669 1.600777 0.233388  7 6 0 -2.839909 0.922793 0.329280  8 6 0 -3.336653 2.216044 0.425944  9 6 0 -4.678049 2.542107 0.155788  10 6 0 -5.547585 1.572363 -0.270165  11 6 0 -5.074875 0.264068 -0.533898  12 6 0 -3.693671 -0.061863 -0.301997  13 6 0 -3.237979 -1.309585 -0.813299  14 6 0 -4.095036 -2.212626 -1.395815  15 6 0 -5.472526 -1.928843 -1.510417  16 6 0 -5.942455 -0.708122 -1.100120  17 6 0 2.937502 0.123704 0.607642  18 6 0 3.594684 -0.702449 -0.361281  19 6 0 5.005080 -0.927641 -0.239084  20 6 0 5.716687 -0.324626 0.829309  21 6 0 5.067994 0.473168 1.737356  22 6 0 3.678474 0.695952 1.622660  23 6 0 2.910612 -1.294635 -1.457170  24 6 0 3.576298 -2.077606 -2.369283  25 6 0 4.963688 -2.310647 -2.237555  26 6 0 5.658868 -1.745735 -1.197378  27 6 0 -1.582182 -1.616243 1.573407  28 7 0 -1.114313 -2.779356 1.771029  29 6 0 -1.947683 -3.740698 2.464523  30 6 0 1.726394 2.745461 -0.186480  31 7 0 1.241291 3.903472 -0.380068  32 6 0 2.138216 4.954854 -0.814895  33 1 0 1.001042 -1.645860 1.206881  34 1 0 -0.881551 2.691223 -0.104125  35 1 0 -2.698654 2.993869 0.826806  36 1 0 -5.016987 3.560698 0.306116  37 1 0 -6.592633 1.799882 -0.451243  38 1 0 -2.186259 -1.548616 -0.777866  39 1 0 -3.702999 -3.145772 -1.784498  40 1 0 -6.143231 -2.656868 -1.952410  41 1 0 -6.987950 -0.448738 -1.230329  42 1 0 6.783273 -0.504308 0.914533  43 1 0 5.615234 0.931993 2.553086  44 1 0 3.176906 1.316014 2.357393  45 1 0 1.848291 -1.119173 -1.569251  46 1 0 3.034607 -2.519029 -3.198251  47 1 0 5.476466 -2.932756 -2.962473  48 1 0 6.725708 -1.914696 -1.093531  49 1 0 -2.590612 -1.337732 1.905319  50 1 0 -2.931512 -3.344736 2.757599  51 1 0 2.793756 2.537495 -0.331982  52 1 0 3.183068 4.628342 -0.927093  53 1 0 -2.094822 -4.616943 1.825123  54 1 0 -1.424090 -4.089766 3.360194  55 1 0 1.787032 5.353990 -1.771813  56 1 0 2.099122 5.780507 -0.097216 |
| TM\_NP\_model\_scan\_p\_160\_p\_80 | 1 6 0 -1.449358 0.245522 -0.629473  2 6 0 -0.558644 -0.779635 -0.932555  3 6 0 0.827716 -0.594624 -0.945202  4 6 0 1.380140 0.675383 -0.625689  5 6 0 0.468079 1.691893 -0.313608  6 6 0 -0.918068 1.517546 -0.331892  7 6 0 2.829364 0.931248 -0.342183  8 6 0 3.295983 2.233691 -0.462768  9 6 0 4.625281 2.598451 -0.182144  10 6 0 5.511856 1.660367 0.278130  11 6 0 5.066787 0.347841 0.567666  12 6 0 3.696865 -0.016214 0.326067  13 6 0 3.262976 -1.260737 0.863523  14 6 0 4.132824 -2.128661 1.479502  15 6 0 5.501948 -1.810278 1.603630  16 6 0 5.949050 -0.589459 1.168875  17 6 0 -2.921307 -0.021661 -0.688340  18 6 0 -3.599029 -0.657111 0.400992  19 6 0 -5.003127 -0.920780 0.286514  20 6 0 -5.686593 -0.546813 -0.898903  21 6 0 -5.016084 0.064529 -1.927598  22 6 0 -3.632266 0.326598 -1.818590  23 6 0 -2.937558 -1.028812 1.602595  24 6 0 -3.621767 -1.633308 2.629519  25 6 0 -5.004777 -1.898666 2.511619  26 6 0 -5.676615 -1.548931 1.366517  27 6 0 1.657981 -1.670080 -1.539267  28 7 0 1.222494 -2.849150 -1.715556  29 6 0 2.093188 -3.806569 -2.367324  30 6 0 -1.796581 2.652502 0.019862  31 7 0 -1.343388 3.818499 0.240059  32 6 0 -2.284872 4.861266 0.593792  33 1 0 -0.931505 -1.756712 -1.214160  34 1 0 0.819078 2.662440 0.008083  35 1 0 2.645923 2.986096 -0.891733  36 1 0 4.941911 3.621079 -0.352436  37 1 0 6.548653 1.917433 0.466986  38 1 0 2.217398 -1.524515 0.821222  39 1 0 3.757252 -3.060503 1.887082  40 1 0 6.183428 -2.511348 2.071931  41 1 0 6.986451 -0.302494 1.305789  42 1 0 -6.748885 -0.753107 -0.977324  43 1 0 -5.541622 0.347360 -2.832720  44 1 0 -3.113973 0.803761 -2.642924  45 1 0 -1.877789 -0.829453 1.701225  46 1 0 -3.098503 -1.909471 3.538061  47 1 0 -5.532222 -2.377902 3.328716  48 1 0 -6.739003 -1.747780 1.270430  49 1 0 2.665827 -1.375912 -1.859094  50 1 0 3.073629 -3.394101 -2.648841  51 1 0 -2.869103 2.429818 0.085257  52 1 0 -3.330596 4.520816 0.630471  53 1 0 2.246920 -4.663335 -1.703567  54 1 0 1.597804 -4.189697 -3.265159  55 1 0 -2.012405 5.275176 1.569861  56 1 0 -2.202756 5.679922 -0.128264 |
| TM\_NP\_model\_scan\_p\_160\_p\_90 | 1 6 0 -1.435872 0.111062 -0.700339  2 6 0 -0.514973 -0.903207 -0.940459  3 6 0 0.866373 -0.680981 -0.945625  4 6 0 1.380285 0.618430 -0.687158  5 6 0 0.437139 1.626562 -0.448051  6 6 0 -0.943074 1.412763 -0.473594  7 6 0 2.816880 0.926316 -0.391176  8 6 0 3.255334 2.231142 -0.574883  9 6 0 4.569460 2.643175 -0.288130  10 6 0 5.467365 1.754141 0.242113  11 6 0 5.046543 0.449568 0.596575  12 6 0 3.691087 0.039485 0.348048  13 6 0 3.273512 -1.181783 0.948202  14 6 0 4.148793 -1.991087 1.632531  15 6 0 5.507333 -1.633493 1.766270  16 6 0 5.936352 -0.429818 1.269927  17 6 0 -2.899897 -0.203215 -0.736258  18 6 0 -3.595880 -0.593925 0.452185  19 6 0 -4.992540 -0.903681 0.369482  20 6 0 -5.650116 -0.818529 -0.884663  21 6 0 -4.961165 -0.443190 -2.009739  22 6 0 -3.584413 -0.134940 -1.931960  23 6 0 -2.957292 -0.683450 1.718435  24 6 0 -3.658200 -1.057037 2.839795  25 6 0 -5.035224 -1.363070 2.755863  26 6 0 -5.683803 -1.287998 1.548024  27 6 0 1.734791 -1.764854 -1.464612  28 7 0 1.331674 -2.962176 -1.587605  29 6 0 2.241320 -3.930956 -2.165003  30 6 0 -1.859359 2.543309 -0.217132  31 7 0 -1.440151 3.726483 -0.023286  32 6 0 -2.418653 4.765234 0.226456  33 1 0 -0.857604 -1.905087 -1.167917  34 1 0 0.757025 2.624384 -0.181925  35 1 0 2.597392 2.942697 -1.058168  36 1 0 4.865926 3.662164 -0.509065  37 1 0 6.493474 2.046748 0.437542  38 1 0 2.235226 -1.471982 0.899856  39 1 0 3.785332 -2.906113 2.086538  40 1 0 6.193770 -2.289599 2.289279  41 1 0 6.963567 -0.110379 1.411759  42 1 0 -6.707311 -1.056562 -0.938219  43 1 0 -5.467165 -0.381254 -2.966587  44 1 0 -3.052709 0.159384 -2.829947  45 1 0 -1.901286 -0.454516 1.791246  46 1 0 -3.152415 -1.119437 3.796765  47 1 0 -5.576192 -1.657959 3.647992  48 1 0 -6.740809 -1.522785 1.476677  49 1 0 2.742799 -1.463423 -1.776995  50 1 0 3.217668 -3.509111 -2.446705  51 1 0 -2.930000 2.302318 -0.202946  52 1 0 -3.458555 4.405711 0.219588  53 1 0 2.400522 -4.744804 -1.450441  54 1 0 1.777655 -4.376824 -3.050734  55 1 0 -2.210286 5.229362 1.195686  56 1 0 -2.309324 5.551088 -0.527780 |
| TM\_NP\_model\_scan\_p\_160\_p\_100 | 1 6 0 -1.420516 -0.036781 -0.724587  2 6 0 -0.473356 -1.043212 -0.879882  3 6 0 0.902412 -0.788262 -0.895448  4 6 0 1.383062 0.539406 -0.738254  5 6 0 0.413753 1.540505 -0.589856  6 6 0 -0.960458 1.291556 -0.605147  7 6 0 2.809036 0.904032 -0.456158  8 6 0 3.220072 2.199667 -0.740314  9 6 0 4.521424 2.663897 -0.476129  10 6 0 5.433069 1.841535 0.132484  11 6 0 5.037535 0.560413 0.587348  12 6 0 3.694502 0.100109 0.360636  13 6 0 3.297216 -1.076934 1.055241  14 6 0 4.182517 -1.807228 1.811767  15 6 0 5.531325 -1.408876 1.928117  16 6 0 5.939202 -0.240457 1.338442  17 6 0 -2.874689 -0.393040 -0.727309  18 6 0 -3.608560 -0.508689 0.497247  19 6 0 -4.995454 -0.864982 0.444845  20 6 0 -5.606222 -1.100434 -0.813812  21 6 0 -4.879680 -0.994324 -1.972263  22 6 0 -3.512342 -0.641686 -1.925187  23 6 0 -3.014079 -0.292333 1.769569  24 6 0 -3.749152 -0.413312 2.924401  25 6 0 -5.118388 -0.758108 2.870046  26 6 0 -5.723797 -0.979390 1.657741  27 6 0 1.800387 -1.889467 -1.318813  28 7 0 1.424530 -3.101508 -1.350619  29 6 0 2.360605 -4.092910 -1.840729  30 6 0 -1.905485 2.419999 -0.472928  31 7 0 -1.514513 3.621467 -0.343569  32 6 0 -2.520075 4.657749 -0.226101  33 1 0 -0.789809 -2.069100 -1.022575  34 1 0 0.707239 2.565502 -0.410413  35 1 0 2.551580 2.854633 -1.285185  36 1 0 4.797235 3.668412 -0.775938  37 1 0 6.450176 2.172441 0.313263  38 1 0 2.265853 -1.392876 1.021647  39 1 0 3.834268 -2.690006 2.336099  40 1 0 6.226172 -2.003948 2.509751  41 1 0 6.957427 0.113102 1.463266  42 1 0 -6.656856 -1.369659 -0.843060  43 1 0 -5.348859 -1.179002 -2.932046  44 1 0 -2.951439 -0.558313 -2.849326  45 1 0 -1.963793 -0.033802 1.821308  46 1 0 -3.275902 -0.246311 3.885478  47 1 0 -5.686832 -0.850579 3.788641  48 1 0 -6.773612 -1.249647 1.609168  49 1 0 2.804888 -1.590778 -1.644870  50 1 0 3.329538 -3.673306 -2.149896  51 1 0 -2.971812 2.161743 -0.497902  52 1 0 -3.552691 4.279685 -0.263181  53 1 0 2.532153 -4.841497 -1.060644  54 1 0 1.914455 -4.620502 -2.689767  55 1 0 -2.372904 5.195946 0.715640  56 1 0 -2.379771 5.387515 -1.029943 |
| TM\_NP\_model\_scan\_p\_160\_p\_110 | 1 6 0 -1.406109 -0.177164 -0.712579  2 6 0 -0.434689 -1.170583 -0.784992  3 6 0 0.935182 -0.888072 -0.819324  4 6 0 1.386397 0.457837 -0.769312  5 6 0 0.394011 1.445643 -0.709099  6 6 0 -0.974253 1.166891 -0.707663  7 6 0 2.802523 0.876765 -0.514816  8 6 0 3.185160 2.154133 -0.902538  9 6 0 4.474538 2.668396 -0.675113  10 6 0 5.402617 1.919574 -0.000044  11 6 0 5.035105 0.670589 0.556289  12 6 0 3.703806 0.161995 0.365202  13 6 0 3.332769 -0.965814 1.150259  14 6 0 4.233127 -1.612962 1.962681  15 6 0 5.571545 -1.174272 2.049137  16 6 0 5.953108 -0.046470 1.369632  17 6 0 -2.848205 -0.571720 -0.672204  18 6 0 -3.630360 -0.424385 0.520104  19 6 0 -5.004987 -0.829714 0.503089  20 6 0 -5.554548 -1.380471 -0.683060  21 6 0 -4.779797 -1.534467 -1.804098  22 6 0 -3.426324 -1.131324 -1.794016  23 6 0 -3.095943 0.091092 1.731976  24 6 0 -3.878128 0.218603 2.854704  25 6 0 -5.237684 -0.164885 2.829686  26 6 0 -5.783949 -0.679422 1.680146  27 6 0 1.857688 -2.001087 -1.148141  28 7 0 1.506706 -3.219211 -1.082524  29 6 0 2.465105 -4.227483 -1.487941  30 6 0 -1.940997 2.285182 -0.702407  31 7 0 -1.574314 3.499237 -0.634205  32 6 0 -2.598742 4.523570 -0.651434  33 1 0 -0.727320 -2.211970 -0.838263  34 1 0 0.663649 2.488985 -0.620746  35 1 0 2.504026 2.746855 -1.500308  36 1 0 4.728098 3.651398 -1.055084  37 1 0 6.411234 2.287415 0.155051  38 1 0 2.309672 -1.309252 1.140931  39 1 0 3.904447 -2.460046 2.554214  40 1 0 6.278620 -1.704727 2.676728  41 1 0 6.962217 0.340154 1.467370  42 1 0 -6.596377 -1.683342 -0.685271  43 1 0 -5.200886 -1.962304 -2.706895  44 1 0 -2.829602 -1.249522 -2.691453  45 1 0 -2.052907 0.379211 1.767674  46 1 0 -3.448430 0.611741 3.769220  47 1 0 -5.844070 -0.057761 3.722020  48 1 0 -6.824713 -0.985471 1.655428  49 1 0 2.857496 -1.709415 -1.494228  50 1 0 3.430466 -3.814685 -1.816813  51 1 0 -3.000415 2.008229 -0.771282  52 1 0 -3.622079 4.125914 -0.723229  53 1 0 2.639778 -4.913890 -0.653316  54 1 0 2.038014 -4.823724 -2.300645  55 1 0 -2.516350 5.129045 0.256723  56 1 0 -2.419090 5.197139 -1.495458 |
| TM\_NP\_model\_scan\_p\_160\_p\_120 | 1 6 0 -1.397092 -0.264492 -0.702274  2 6 0 -0.406797 -1.243111 -0.724244  3 6 0 0.957921 -0.941421 -0.770815  4 6 0 1.388155 0.412116 -0.780232  5 6 0 0.379192 1.384756 -0.774145  6 6 0 -0.984532 1.085089 -0.766536  7 6 0 2.796090 0.864891 -0.540260  8 6 0 3.160320 2.129414 -0.984127  9 6 0 4.441106 2.673017 -0.777491  10 6 0 5.379008 1.969286 -0.068328  11 6 0 5.029377 0.740738 0.542323  12 6 0 3.706373 0.203881 0.371965  13 6 0 3.351419 -0.894387 1.205032  14 6 0 4.260190 -1.491403 2.045969  15 6 0 5.591464 -1.028626 2.114935  16 6 0 5.956784 0.074307 1.387410  17 6 0 -2.826745 -0.688863 -0.613232  18 6 0 -3.647324 -0.358842 0.517443  19 6 0 -5.004252 -0.820848 0.547185  20 6 0 -5.497075 -1.612647 -0.521302  21 6 0 -4.682383 -1.949575 -1.571710  22 6 0 -3.348295 -1.491106 -1.610240  23 6 0 -3.167640 0.380255 1.633051  24 6 0 -3.986366 0.674272 2.696962  25 6 0 -5.331654 0.243422 2.708549  26 6 0 -5.823687 -0.490854 1.658582  27 6 0 1.898031 -2.054100 -1.046765  28 7 0 1.564234 -3.273346 -0.931337  29 6 0 2.538934 -4.283789 -1.289742  30 6 0 -1.964112 2.189266 -0.857676  31 7 0 -1.617614 3.409992 -0.806359  32 6 0 -2.650284 4.418353 -0.932766  33 1 0 -0.680710 -2.290907 -0.720191  34 1 0 0.630883 2.435800 -0.740741  35 1 0 2.472176 2.684266 -1.609457  36 1 0 4.680626 3.641867 -1.200499  37 1 0 6.381576 2.359064 0.071683  38 1 0 2.333955 -1.254175 1.209670  39 1 0 3.943500 -2.316824 2.673563  40 1 0 6.305465 -1.520259 2.765864  41 1 0 6.959625 0.480397 1.469292  42 1 0 -6.526059 -1.954836 -0.487081  43 1 0 -5.057578 -2.564533 -2.381866  44 1 0 -2.721724 -1.753475 -2.455130  45 1 0 -2.135912 0.706787 1.646211  46 1 0 -3.595383 1.236148 3.537736  47 1 0 -5.968224 0.485376 3.552151  48 1 0 -6.851243 -0.839475 1.665575  49 1 0 2.895301 -1.762730 -1.400215  50 1 0 3.499714 -3.871338 -1.632189  51 1 0 -3.012885 1.895436 -0.990073  52 1 0 -3.661066 4.003882 -1.062912  53 1 0 2.719686 -4.931672 -0.426136  54 1 0 2.124239 -4.920099 -2.078147  55 1 0 -2.640312 5.055912 -0.043082  56 1 0 -2.418735 5.064878 -1.785276 |
| TM\_NP\_model\_scan\_p\_160\_p\_130 | 1 6 0 -1.392707 -0.320899 -0.712516  2 6 0 -0.386537 -1.285391 -0.711338  3 6 0 0.973959 -0.968199 -0.759409  4 6 0 1.388356 0.389890 -0.788644  5 6 0 0.366551 1.348641 -0.805453  6 6 0 -0.993255 1.032755 -0.798300  7 6 0 2.788573 0.865110 -0.548562  8 6 0 3.138677 2.126886 -1.011555  9 6 0 4.411058 2.690661 -0.807257  10 6 0 5.354219 2.011318 -0.081479  11 6 0 5.017285 0.788712 0.547932  12 6 0 3.702477 0.231619 0.379428  13 6 0 3.357100 -0.856912 1.229131  14 6 0 4.268653 -1.427226 2.085452  15 6 0 5.593283 -0.945694 2.154019  16 6 0 5.948392 0.149275 1.409612  17 6 0 -2.810619 -0.766152 -0.572723  18 6 0 -3.656158 -0.317460 0.500238  19 6 0 -4.997723 -0.818797 0.580787  20 6 0 -5.447094 -1.775828 -0.363806  21 6 0 -4.600843 -2.242057 -1.336944  22 6 0 -3.285157 -1.743383 -1.429432  23 6 0 -3.214694 0.564438 1.524633  24 6 0 -4.057212 0.965922 2.533436  25 6 0 -5.392204 0.507336 2.580547  26 6 0 -5.845441 -0.369898 1.627818  27 6 0 1.928740 -2.074592 -1.009454  28 7 0 1.608487 -3.295573 -0.875512  29 6 0 2.597946 -4.300349 -1.208550  30 6 0 -1.979814 2.125082 -0.949718  31 7 0 -1.649461 3.350186 -0.899135  32 6 0 -2.684378 4.344628 -1.097658  33 1 0 -0.643792 -2.336806 -0.678642  34 1 0 0.604115 2.403449 -0.794066  35 1 0 2.447007 2.662207 -1.649841  36 1 0 4.640208 3.655384 -1.245195  37 1 0 6.350769 2.416658 0.057317  38 1 0 2.344383 -1.229798 1.234315  39 1 0 3.959118 -2.245666 2.725629  40 1 0 6.309789 -1.416491 2.817483  41 1 0 6.945265 0.570046 1.490209  42 1 0 -6.464976 -2.144164 -0.291502  43 1 0 -4.937830 -2.989495 -2.046191  44 1 0 -2.638620 -2.106536 -2.220121  45 1 0 -2.190997 0.913687 1.518285  46 1 0 -3.691233 1.633930 3.304996  47 1 0 -6.048929 0.837209 3.377594  48 1 0 -6.861971 -0.747415 1.667327  49 1 0 2.925171 -1.777476 -1.360404  50 1 0 3.555543 -3.882502 -1.553329  51 1 0 -3.017032 1.817785 -1.132674  52 1 0 -3.682495 3.916636 -1.273531  53 1 0 2.781590 -4.928913 -0.331370  54 1 0 2.196198 -4.957092 -1.986823  55 1 0 -2.728185 4.997442 -0.220178  56 1 0 -2.414877 4.979031 -1.948156 |
| TM\_NP\_model\_scan\_p\_160\_p\_140 | 1 6 0 -1.389878 -0.356919 -0.726760  2 6 0 -0.367849 -1.307039 -0.716537  3 6 0 0.988512 -0.975684 -0.761044  4 6 0 1.389137 0.386433 -0.786198  5 6 0 0.355745 1.332102 -0.809286  6 6 0 -1.000393 1.001398 -0.809102  7 6 0 2.782229 0.877320 -0.538927  8 6 0 3.120162 2.143703 -0.998636  9 6 0 4.385791 2.720576 -0.789284  10 6 0 5.334051 2.049903 -0.062012  11 6 0 5.008222 0.822718 0.564326  12 6 0 3.699941 0.252123 0.390927  13 6 0 3.363080 -0.840903 1.238292  14 6 0 4.277849 -1.402937 2.096627  15 6 0 5.597307 -0.907958 2.169670  16 6 0 5.943353 0.191641 1.427854  17 6 0 -2.795298 -0.823905 -0.540942  18 6 0 -3.668763 -0.292599 0.474194  19 6 0 -4.992841 -0.832519 0.600010  20 6 0 -5.391736 -1.917617 -0.219672  21 6 0 -4.509149 -2.475358 -1.108491  22 6 0 -3.215671 -1.936382 -1.251864  23 6 0 -3.271097 0.697271 1.415342  24 6 0 -4.141234 1.173403 2.366662  25 6 0 -5.464917 0.687058 2.439360  26 6 0 -5.873105 -0.300439 1.579302  27 6 0 1.955563 -2.072882 -1.005456  28 7 0 1.646655 -3.297053 -0.873901  29 6 0 2.648103 -4.292071 -1.200666  30 6 0 -1.990516 2.084219 -1.007354  31 7 0 -1.676431 3.312775 -0.943359  32 6 0 -2.710202 4.295452 -1.198992  33 1 0 -0.607698 -2.361787 -0.671517  34 1 0 0.580122 2.389849 -0.801753  35 1 0 2.425051 2.672717 -1.638418  36 1 0 4.606046 3.688462 -1.224810  37 1 0 6.325850 2.465531 0.080320  38 1 0 2.354061 -1.223712 1.240202  39 1 0 3.974856 -2.225199 2.735031  40 1 0 6.316602 -1.372285 2.834673  41 1 0 6.935556 0.622610 1.512068  42 1 0 -6.396395 -2.312815 -0.112943  43 1 0 -4.801539 -3.325619 -1.714097  44 1 0 -2.547880 -2.371179 -1.986433  45 1 0 -2.256515 1.069894 1.398189  46 1 0 -3.803916 1.921840 3.074865  47 1 0 -6.145182 1.078786 3.187121  48 1 0 -6.876766 -0.707395 1.645638  49 1 0 2.950970 -1.765866 -1.350574  50 1 0 3.603388 -3.864758 -1.540127  51 1 0 -3.013442 1.765076 -1.242987  52 1 0 -3.692873 3.856074 -1.426142  53 1 0 2.833025 -4.918320 -0.322099  54 1 0 2.257556 -4.953160 -1.980953  55 1 0 -2.807638 4.949467 -0.326741  56 1 0 -2.403189 4.931071 -2.035749 |
| TM\_NP\_model\_scan\_p\_160\_p\_150 | 1 6 0 -1.388867 -0.386017 -0.753997  2 6 0 -0.349791 -1.320454 -0.747449  3 6 0 1.002187 -0.973514 -0.783670  4 6 0 1.388874 0.392601 -0.785517  5 6 0 0.343561 1.324335 -0.804747  6 6 0 -1.008263 0.977710 -0.816511  7 6 0 2.773587 0.896501 -0.520514  8 6 0 3.099631 2.173445 -0.959302  9 6 0 4.356519 2.762342 -0.731713  10 6 0 5.307434 2.092369 -0.007241  11 6 0 4.991989 0.852083 0.598295  12 6 0 3.692066 0.268397 0.406588  13 6 0 3.362185 -0.841104 1.234961  14 6 0 4.277340 -1.404818 2.091843  15 6 0 5.590034 -0.895053 2.182362  16 6 0 5.928199 0.219597 1.459585  17 6 0 -2.780740 -0.874108 -0.517061  18 6 0 -3.674866 -0.281403 0.450055  19 6 0 -4.982578 -0.850195 0.624049  20 6 0 -5.337130 -2.032120 -0.071478  21 6 0 -4.422132 -2.658634 -0.877370  22 6 0 -3.151060 -2.088242 -1.076953  23 6 0 -3.313285 0.788233 1.316280  24 6 0 -4.204827 1.319994 2.217111  25 6 0 -5.519302 0.814681 2.314367  26 6 0 -5.889736 -0.255311 1.540989  27 6 0 1.982436 -2.057398 -1.035612  28 7 0 1.685786 -3.286445 -0.923249  29 6 0 2.700385 -4.266089 -1.255746  30 6 0 -2.000972 2.051827 -1.053675  31 7 0 -1.703354 3.283696 -0.979394  32 6 0 -2.735071 4.254408 -1.284520  33 1 0 -0.568342 -2.379378 -0.703170  34 1 0 0.553533 2.384954 -0.788509  35 1 0 2.402949 2.703528 -1.596456  36 1 0 4.568227 3.739213 -1.151116  37 1 0 6.292944 2.517852 0.148986  38 1 0 2.357851 -1.235993 1.223713  39 1 0 3.979614 -2.240158 2.715578  40 1 0 6.309935 -1.360426 2.845971  41 1 0 6.914363 0.661300 1.557922  42 1 0 -6.329059 -2.447254 0.071829  43 1 0 -4.672684 -3.586961 -1.377893  44 1 0 -2.469196 -2.578805 -1.761068  45 1 0 -2.306490 1.178601 1.290352  46 1 0 -3.889097 2.127072 2.868581  47 1 0 -6.218525 1.252916 3.017444  48 1 0 -6.881588 -0.685099 1.634952  49 1 0 2.977143 -1.735053 -1.368546  50 1 0 3.653484 -3.823847 -1.581914  51 1 0 -3.008825 1.720643 -1.333843  52 1 0 -3.701103 3.803628 -1.556290  53 1 0 2.885497 -4.902196 -0.384340  54 1 0 2.323105 -4.920603 -2.048005  55 1 0 -2.880687 4.908361 -0.418914  56 1 0 -2.396916 4.892569 -2.107208 |
| TM\_NP\_model\_scan\_p\_160\_p\_160 | 1 6 0 -1.388722 -0.407463 -0.777888  2 6 0 -0.331148 -1.324244 -0.785465  3 6 0 1.016134 -0.961684 -0.811244  4 6 0 1.388700 0.407529 -0.777807  5 6 0 0.331113 1.324311 -0.785295  6 6 0 -1.016158 0.961753 -0.811194  7 6 0 2.764996 0.921612 -0.492351  8 6 0 3.078318 2.212439 -0.898721  9 6 0 4.327014 2.810103 -0.649971  10 6 0 5.282035 2.133683 0.063080  11 6 0 4.978045 0.875475 0.636722  12 6 0 3.685965 0.281761 0.424132  13 6 0 3.364439 -0.850795 1.223967  14 6 0 4.281634 -1.424556 2.072013  15 6 0 5.587966 -0.902400 2.181601  16 6 0 5.917051 0.233046 1.487522  17 6 0 -2.765009 -0.921535 -0.492421  18 6 0 -3.685928 -0.281756 0.424161  19 6 0 -4.977988 -0.875508 0.636749  20 6 0 -5.281968 -2.133701 0.063046  21 6 0 -4.326982 -2.810048 -0.650115  22 6 0 -3.078318 -2.212318 -0.898896  23 6 0 -3.364418 0.850768 1.224030  24 6 0 -4.281607 1.424441 2.072154  25 6 0 -5.587913 0.902238 2.181776  26 6 0 -5.916987 -0.233175 1.487628  27 6 0 2.008796 -2.029945 -1.081727  28 7 0 1.724499 -3.264187 -0.998260  29 6 0 2.750940 -4.225820 -1.346847  30 6 0 -2.008845 2.029977 -1.081705  31 7 0 -1.724600 3.264226 -0.998248  32 6 0 -2.751030 4.225808 -1.346940  33 1 0 -0.525763 -2.387455 -0.753471  34 1 0 0.525711 2.387523 -0.753205  35 1 0 2.378890 2.749686 -1.526771  36 1 0 4.529468 3.799252 -1.044418  37 1 0 6.261684 2.566599 0.234917  38 1 0 2.364577 -1.256318 1.198274  39 1 0 3.990263 -2.277914 2.673981  40 1 0 6.309766 -1.375325 2.837759  41 1 0 6.897562 0.683411 1.601781  42 1 0 -6.261598 -2.566649 0.234916  43 1 0 -4.529423 -3.799175 -1.044621  44 1 0 -2.378901 -2.749472 -1.527045  45 1 0 -2.364584 1.256371 1.198327  46 1 0 -3.990230 2.277777 2.674154  47 1 0 -6.309698 1.375119 2.837981  48 1 0 -6.897467 -0.683604 1.601888  49 1 0 3.001866 -1.690147 -1.401871  50 1 0 3.701505 -3.766536 -1.656338  51 1 0 -3.001884 1.690122 -1.401898  52 1 0 -3.701546 3.766492 -1.656545  53 1 0 2.937052 -4.880274 -0.489359  54 1 0 2.385345 -4.865316 -2.156668  55 1 0 -2.937276 4.880247 -0.489467  56 1 0 -2.385377 4.865334 -2.156713 |