| CUTS | no box | | PNN2BOX | |
|---|---|---|---|---|
| | events | rejection | events | rejection |
| | 30995250 | | 4758517 | |
| SKIM1,BAD_RUN,KERROR | 10991787 | 2.820±0.001 | 1448920 | 3.284±0.002 |
| RECON | 10927812 | 1.006±0.000 | 1434501 | 1.010±0.000 |
| KINCUTS | 1186911 | 9.207±0.008 | 277502 | 5.169±0.009 |
| PSCUT02 | 476810 | 2.489±0.003 | 44867 | 6.185±0.027 |
| PTOT.LT.225 | 473421 | 1.007±0.000 | 44867 | 1.000±0.000 |
| TGPVCUT,$\overline{PVCUT}$ | 471173 | 1.005±0.000 | 44199 | 1.015±0.001 |
| B4TIM | 402491 | 1.171±0.001 | 38194 | 1.157±0.002 |
| B4EKZ(IC) | 380250 | 1.058±0.000 | 31690 | 1.205±0.003 |
| TGZFOOL | 380250 | 1.000±0.000 | 31690 | 1.000±0.000 |
| EPITG | 372429 | 1.021±0.000 | 27519 | 1.152±0.003 |
| EPIMAXK | 359254 | 1.037±0.000 | 25058 | 1.098±0.002 |
| TARGF | 342611 | 1.049±0.000 | 21486 | 1.166±0.003 |
| DTGTTP | 342568 | 1.000±0.000 | 21474 | 1.001±0.000 |
| RTDIF | 339074 | 1.010±0.000 | 21277 | 1.009±0.001 |
| DRP | 337560 | 1.004±0.000 | 20943 | 1.016±0.001 |
| TGKTIM | 333992 | 1.011±0.000 | 20594 | 1.017±0.001 |
| EIC | 325126 | 1.027±0.000 | 19600 | 1.051±0.002 |
| TIC | 325055 | 1.000±0.000 | 19595 | 1.000±0.000 |
| TGEDGE | 321716 | 1.010±0.000 | 19185 | 1.021±0.001 |
| TGDEDX | 289874 | 1.110±0.001 | 12742 | 1.506±0.008 |
| TGENR | 279144 | 1.038±0.000 | 12075 | 1.055±0.002 |
| PIGAP | 277482 | 1.006±0.000 | 11838 | 1.020±0.001 |
| TGB4 | 263512 | 1.053±0.000 | 10762 | 1.100±0.003 |
| PHIVTX | 252610 | 1.043±0.000 | 8521 | 1.263±0.006 |
| OPSVETO | 243447 | 1.038±0.000 | 7640 | 1.115±0.004 |
| TIMKF | 183365 | 1.328±0.002 | 5685 | 1.344±0.009 |
| TGER | 183365 | 1.000±0.000 | 5685 | 1.000±0.000 |
| NPITG | 183365 | 1.000±0.000 | 5685 | 1.000±0.000 |
| TGLIKE | 176801 | 1.037±0.000 | 5321 | 1.068±0.004 |
| ALLKFIT | 165936 | 1.065±0.001 | 4933 | 1.079±0.004 |
| TPICS | 142056 | 1.168±0.001 | 4357 | 1.132±0.006 |
| EPIONK | 135577 | 1.048±0.001 | 4158 | 1.048±0.003 |
| CHI567 | 88422 | 1.533±0.003 | 2600 | 1.599±0.019 |
| VERRNG | 82802 | 1.068±0.001 | 2222 | 1.170±0.009 |
| CHI5MAX | 80237 | 1.032±0.001 | 2167 | 1.025±0.003 |
| ANGLI | 80161 | 1.001±0.000 | 2160 | 1.003±0.001 |
| KIC | 80139 | 1.000±0.000 | 2158 | 1.001±0.001 |
| CCDBADFIT | 80139 | 1.000±0.000 | 2158 | 1.000±0.000 |
| CCDPUL | 32659 | 2.454±0.010 | 230 | 9.383±0.585 |
| DELCO3 | 32588 | 1.002±0.000 | 228 | 1.009±0.006 |

| CLASS | before PV | after PV | rejection | background |
|---|---|---|---|---|
| 1 PNN2BOX | | **237±1.4** | | |
| KP2BOX | 32782 | 740 | 44.300±1.610 | |
| PNN2_RP KP2_E | 45 | 1 | 45.000±44.497 | |
| 2 PNN2BOX | | **228±1.4** | | |
| KP2BOX | 31785 | 723 | 43.963±1.616 | |
| PNN2_RP KP2_E | 42 | 1 | 42.000±41.497 | |
| 3 PNN2BOX | 35474 | 2207 | 16.073±0.331 | 15.126±0.345 |
| KP2BOX | 231860 | 5294 | 43.797±0.595 | |
| PNN2_RP KP2_E | 8066 | 406 | 19.867±0.961 | |
| 4 PNN2BOX | 2079 | 125 | 16.632±1.442 | 14.585±1.348 |
| KP2BOX | 44828 | 1018 | 44.035±1.364 | |
| PNN2_RP KP2_E | 196 | 12 | 16.333±4.568 | |
| 5 PNN2BOX | 2037 | 122 | 16.697±1.466 | 14.525±1.360 |
| KP2BOX | 43946 | 999 | 43.990±1.376 | |
| PNN2_RP KP2_E | 193 | 12 | 16.083±4.496 | |
| 6 PNN2BOX | 3805 | 215 | 17.698±1.172 | 13.654±0.962 |
| KP2BOX | 58362 | 1285 | 45.418±1.253 | |
| PNN2_RP KP2_E | 1053 | 47 | 22.404±3.194 | |
| 7 PNN2BOX | 3684 | 210 | 17.543±1.176 | 13.782±0.983 |
| KP2BOX | 56318 | 1247 | 45.163±1.265 | |
| PNN2_RP KP2_E | 1016 | 45 | 22.578±3.290 | |
| 8 PNN2BOX | 42951 | 2635 | 16.300±0.308 | 14.902±0.314 |
| KP2BOX | 299588 | 6745 | 44.416±0.535 | |
| PNN2_RP KP2_E | 10099 | 502 | 20.118±0.875 | |
| 9 PNN2BOX | 3574 | 213 | 16.779±1.115 | 14.450±1.025 |
| KP2BOX | 80259 | 1777 | 45.165±1.059 | |
| PNN2_RP KP2_E | 440 | 23 | 19.130±3.883 | |
| 10 PNN2BOX | 3499 | 207 | 16.903±1.140 | 14.337±1.032 |
| KP2BOX | 78437 | 1739 | 45.105±1.070 | |
| PNN2_RP KP2_E | 432 | 22 | 19.636±4.078 | |
| 11 PNN2BOX | 35533 | 2118 | 16.777±0.354 | 14.451±0.336 |
| KP2BOX | 183713 | 3999 | 45.940±0.719 | |
| PNN2_RP KP2_E | 9393 | 473 | 19.858±0.890 | |
| 12 PNN2BOX | 247 | 12 | 20.583±5.796 | 11.643±3.447 |
| KP2BOX | 14100 | 306 | 46.078±2.605 | |
| PNN2_RP KP2_E | 44 | 5 | 8.800±3.705 | |
| 13 PNN2BOX | 239 | 11 | 21.727±6.398 | 11.000±3.396 |
| KP2BOX | 13638 | 298 | 45.765±2.622 | |
| PNN2_RP KP2_E | 42 | 4 | 10.500±4.994 | |
| 14 PNN2BOX | 31163 | 1972 | 15.803±0.344 | 15.402±0.370 |
| KP2BOX | 239588 | 5431 | 44.115±0.592 | |
| PNN2_RP KP2_E | 7492 | 379 | 19.768±0.989 | |
| 15 PNN2BOX | 7572 | $_2$475 | 15.941±0.708 | 15.260±0.729 |
| KP2BOX | 15374 | 427 | 36.005±1.718 | |
| PNN2_RP KP2_E | 1409 | 65 | 21.677±2.626 | |
| 16 PNN2BOX | 7 | 1 | 7.000±6.481 | 38.000±41.047 |
| KP2BOX | 629 | 14 | 44.929±11.873 | |
| PNN2_RP KP2_E | 1 | 1 | 1.000±0.000 | |
| 17 PNN2BOX | 6 | 1 | 6.000±5.477 | 45.600±49.951 |
| KP2BOX | 596 | 12 | 49.667±14.193 | |
| PNN2_RP KP2_E | 1 | 1 | 1.000±0.000 | |

1/3 bg in PNN2BOX

| acc | NORM(CLASS1) | CLASS3 | CLASS4 | CLASS6 | CLASS8 |
|---|---|---|---|---|---|
| 0.090 | 253±0 | 0.007±0.007 | 0.122±0.122 | 0.067±0.067 | 0.006±0.006 |
| 0.137 | 253±0 | 0.007±0.007 | 0.122±0.122 | 0.067±0.067 | 0.006±0.006 |
| 0.188 | 252±0 | 0.021±0.012 | 0.121±0.121 | 0.066±0.066 | 0.018±0.010 |
| 0.226 | 252±0 | 0.021±0.012 | 0.121±0.121 | 0.066±0.066 | 0.018±0.010 |
| 0.276 | 252±0 | 0.071±0.022 | 0.121±0.121 | 0.066±0.066 | 0.059±0.019 |
| 0.322 | 252±0 | 0.099±0.027 | 0.121±0.121 | 0.133±0.094 | 0.094±0.023 |
| 0.367 | 252±0 | 0.149±0.033 | 0.121±0.121 | 0.199±0.115 | 0.141±0.029 |
| 0.416 | 252±0 | 0.206±0.038 | 0.364±0.210 | 0.332±0.148 | 0.200±0.034 |
| 0.474 | 252±0 | 0.277±0.044 | 0.608±0.272 | 0.398±0.163 | 0.264±0.039 |
| 0.524 | 252±0 | 0.377±0.052 | 0.851±0.322 | 0.398±0.163 | 0.347±0.045 |
| 0.573 | 251±0 | 0.390±0.053 | 0.970±0.343 | 0.396±0.162 | 0.363±0.046 |
| 0.617 | 251±0 | 0.447±0.056 | 1.091±0.365 | 0.529±0.187 | 0.433±0.050 |
| 0.669 | 251±0 | 0.582±0.064 | 1.091±0.365 | 0.794±0.230 | 0.568±0.058 |
| 0.712 | 251±0 | 0.759±0.074 | 1.091±0.365 | 0.927±0.248 | 0.756±0.067 |
| 0.751 | 250±0 | 0.955±0.082 | 1.451±0.420 | 1.387±0.304 | 1.005±0.077 |
| 0.800 | 250±0 | 1.689±0.110 | 2.428±0.546 | 2.120±0.376 | 1.717±0.101 |
| 0.842 | 247±0 | 3.174±0.151 | 3.616±0.665 | 3.690±0.497 | 3.192±0.137 |
| 0.901 | 244±0 | 5.637±0.201 | 5.890±0.851 | 5.441±0.604 | 5.525±0.181 |
| 0.944 | 237±0 | 15.723±0.346 | 15.161±1.399 | 14.194±0.997 | 15.490±0.311 |
| acc | CLASS9 | CLASS11 | CLASS12 | CLASS14 | CLASS15 |
| 0.090 | 0.066±0.066 | 0.007±0.007 | 0.963±0.965 | 0.008±0.008 | 0.031±0.031 |
| 0.137 | 0.066±0.066 | 0.007±0.007 | 0.963±0.965 | 0.008±0.008 | 0.031±0.031 |
| 0.188 | 0.066±0.066 | 0.007±0.007 | 0.963±0.965 | 0.023±0.013 | 0.031±0.031 |
| 0.226 | 0.066±0.066 | 0.007±0.007 | 0.963±0.965 | 0.023±0.013 | 0.031±0.031 |
| 0.276 | 0.066±0.066 | 0.033±0.015 | 0.963±0.965 | 0.068±0.023 | 0.031±0.031 |
| 0.322 | 0.066±0.066 | 0.067±0.021 | 0.963±0.965 | 0.091±0.026 | 0.094±0.054 |
| 0.367 | 0.133±0.094 | 0.100±0.026 | 0.963±0.965 | 0.145±0.033 | 0.125±0.063 |
| 0.416 | 0.332±0.149 | 0.147±0.031 | 0.963±0.965 | 0.206±0.040 | 0.125±0.063 |
| 0.474 | 0.598±0.200 | 0.187±0.035 | 0.963±0.965 | 0.259±0.044 | 0.188±0.077 |
| 0.524 | 0.732±0.221 | 0.254±0.041 | 0.963±0.965 | 0.350±0.052 | 0.282±0.094 |
| 0.573 | 0.798±0.231 | 0.260±0.042 | 0.963±0.965 | 0.373±0.053 | 0.282±0.094 |
| 0.617 | 0.865±0.240 | 0.327±0.047 | 0.963±0.965 | 0.457±0.059 | 0.282±0.094 |
| 0.669 | 0.865±0.240 | 0.434±0.054 | 0.963±0.965 | 0.587±0.067 | 0.408±0.113 |
| 0.712 | 0.865±0.240 | 0.635±0.065 | 0.963±0.965 | 0.794±0.078 | 0.628±0.141 |
| 0.751 | 1.200±0.283 | 0.904±0.078 | 0.963±0.965 | 1.054±0.090 | 0.943±0.172 |
| 0.800 | 1.939±0.361 | 1.551±0.102 | 0.963±0.965 | 1.739±0.116 | 1.671±0.230 |
| 0.842 | 3.294±0.474 | 2.910±0.141 | 1.935±1.374 | 3.199±0.158 | 3.172±0.319 |
| 0.901 | 5.774±0.634 | 5.055±0.188 | 3.901±1.967 | 5.661±0.212 | 5.476±0.424 |
| 0.944 | 15.020±1.061 | 15.022±0.337 | 12.102±3.582 | 16.011±0.373 | 15.862±0.752 |