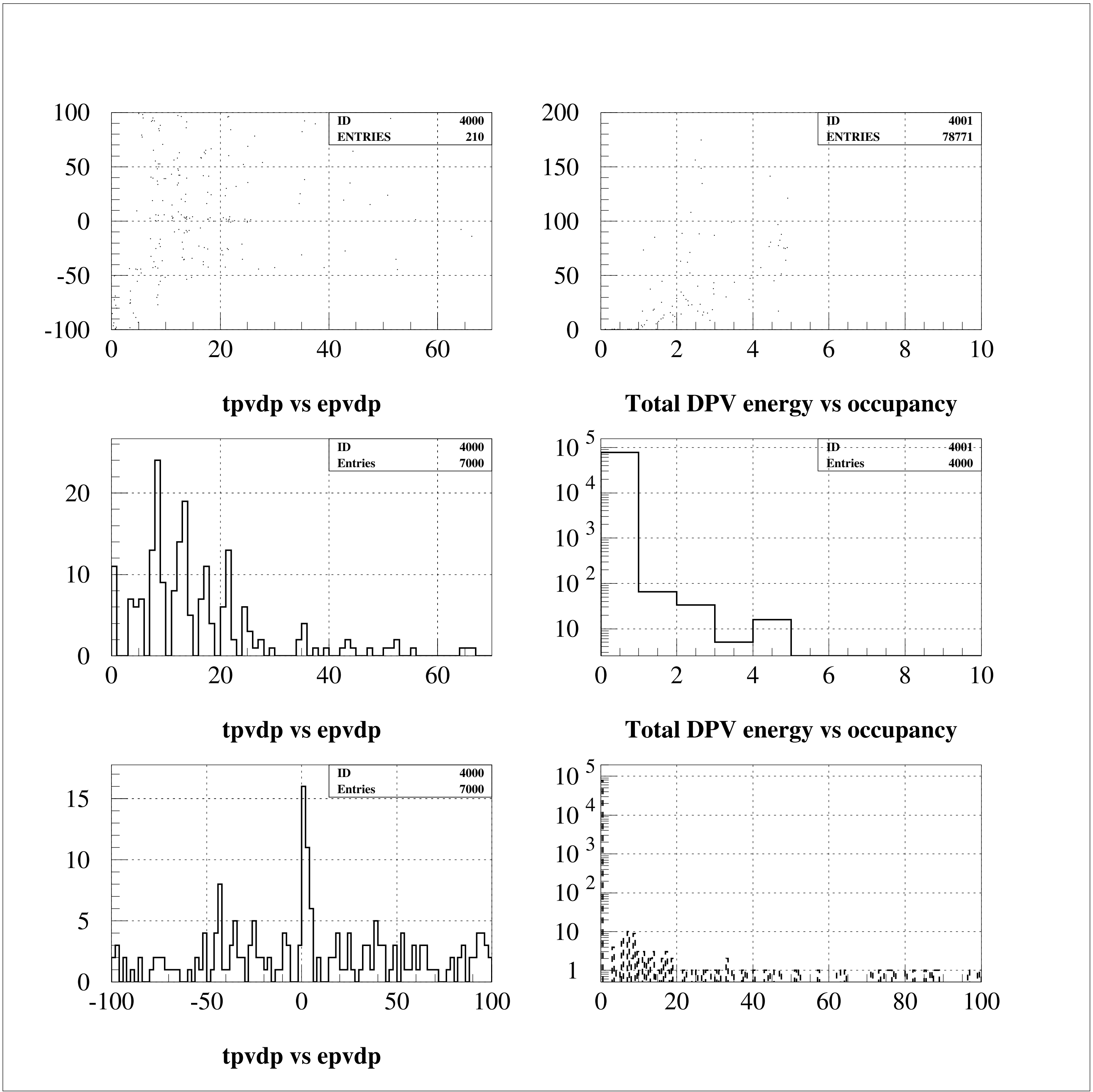
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Total DPV energy vs occupancy
ID 4000
Entries 7000
tpvdp vs epvdp
100
50
0
-50
-100
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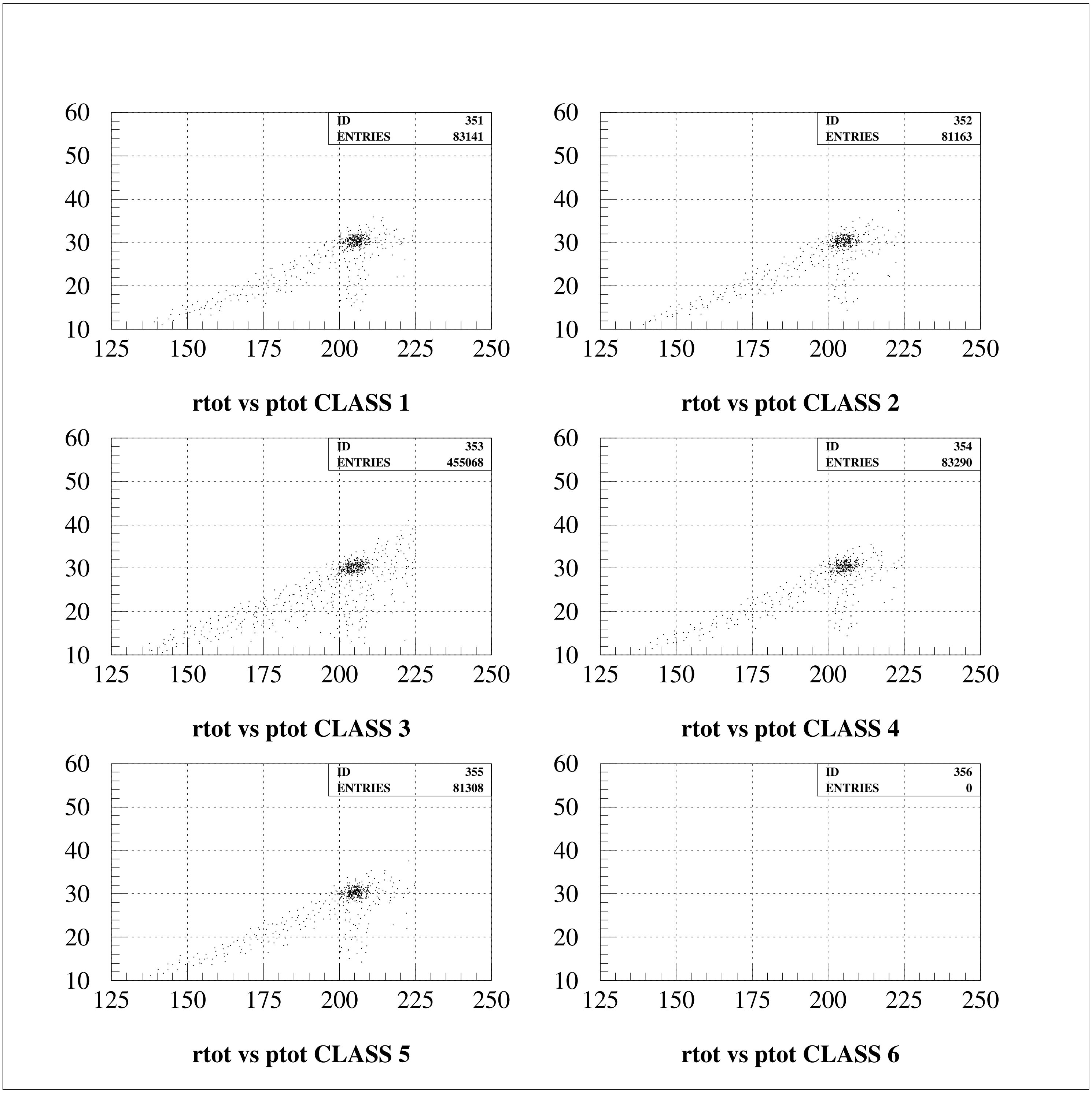
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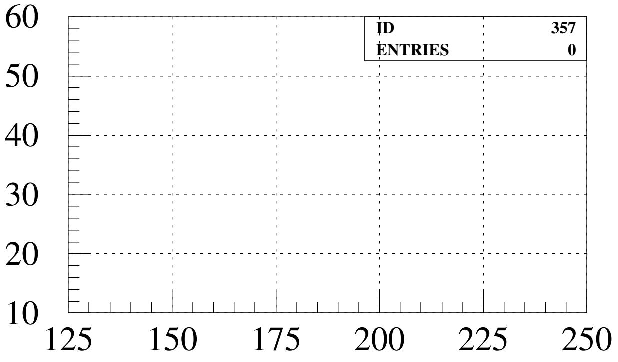

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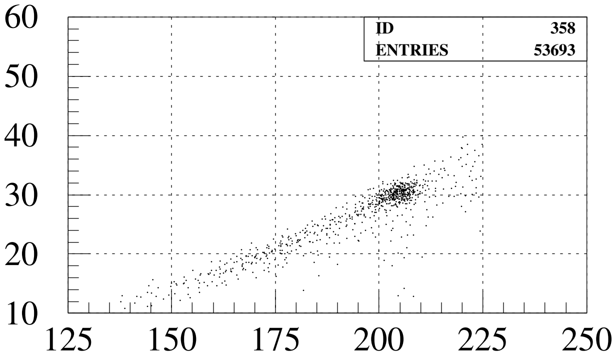
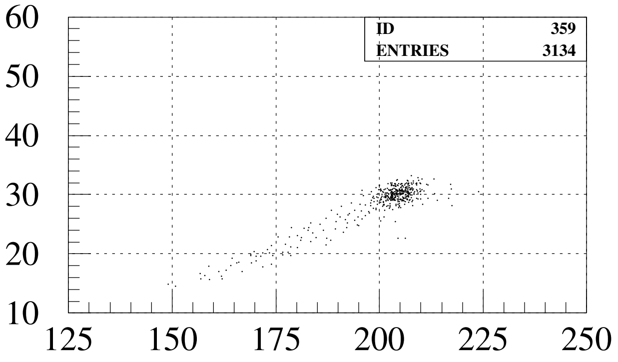
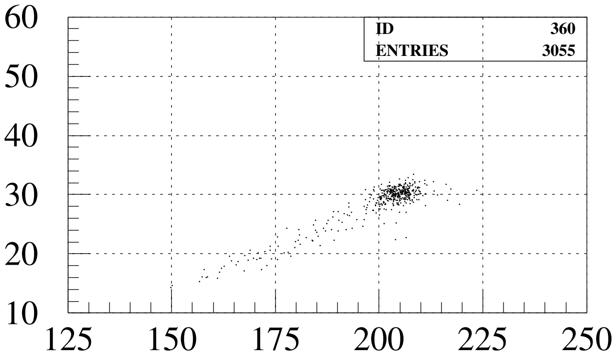


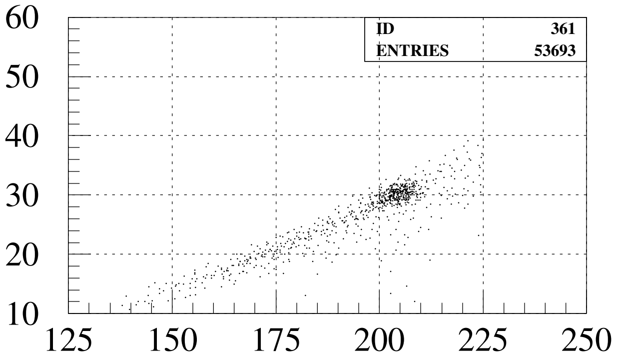
rtot vs ptot CLASS 8



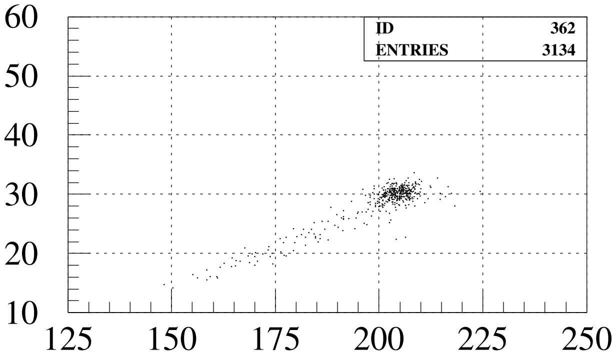
rtot vs ptot CLASS 9



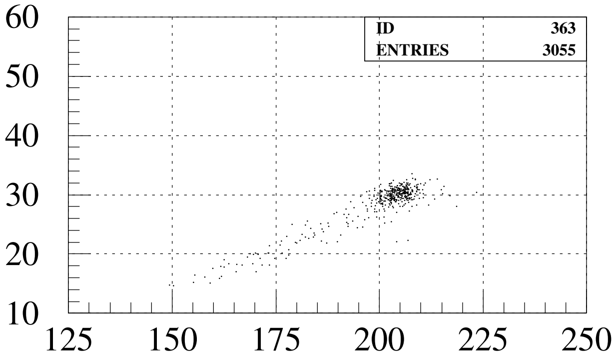
rtot vs ptot CLASS 10



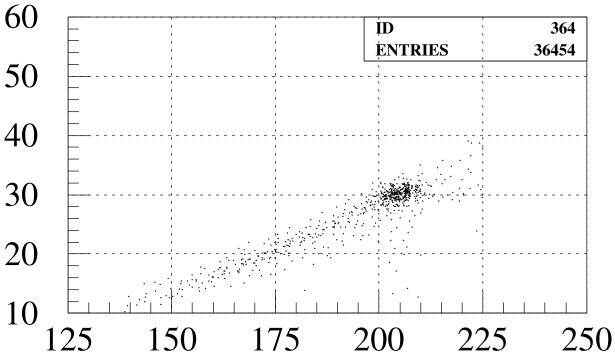
rtot vs ptot CLASS 11



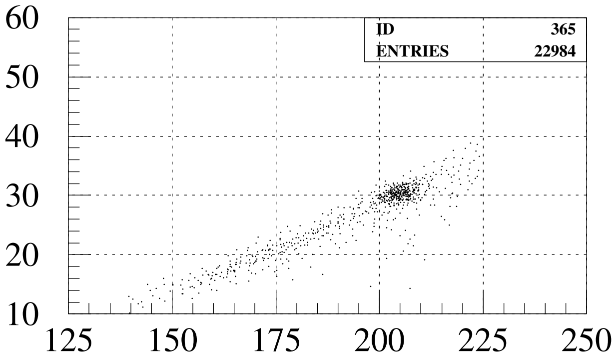
rtot vs ptot CLASS 12



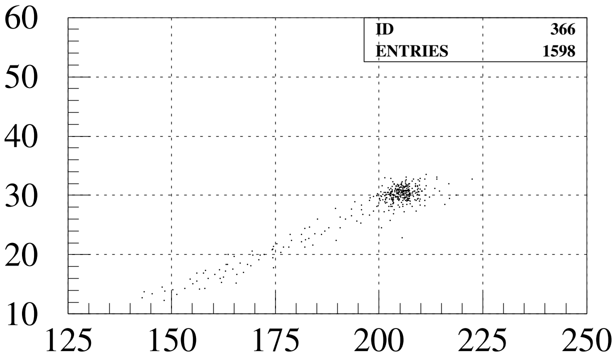
rtot vs ptot CLASS 13



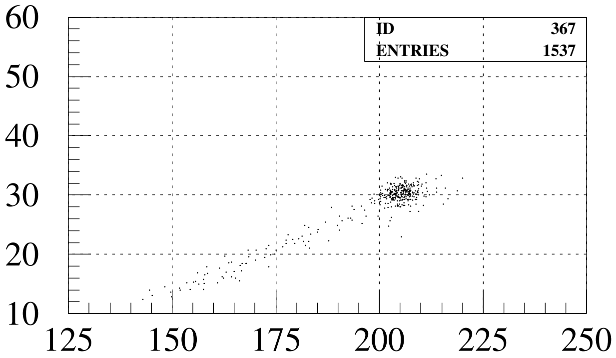
rtot vs ptot CLASS 14



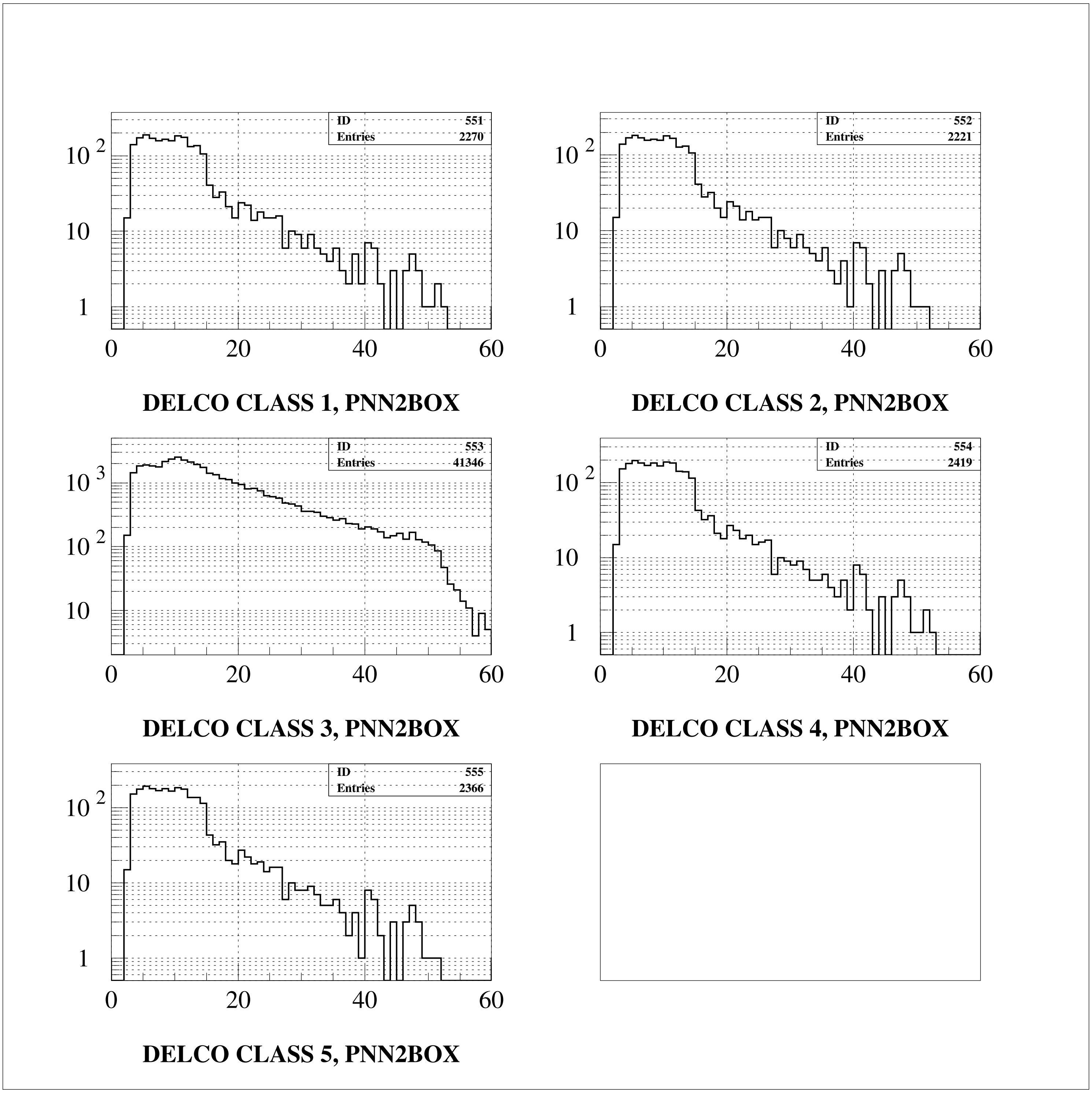
rtot vs ptot CLASS 15



rtot vs ptot CLASS 16



rtot vs ptot CLASS 17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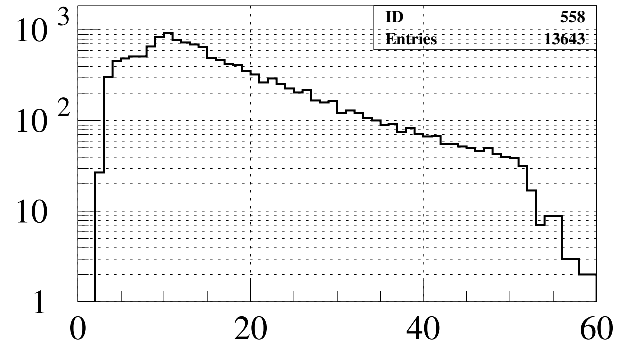

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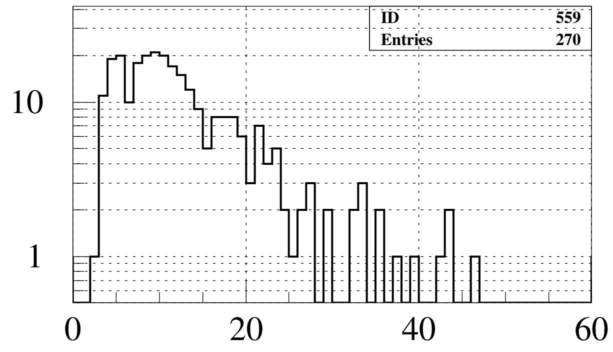

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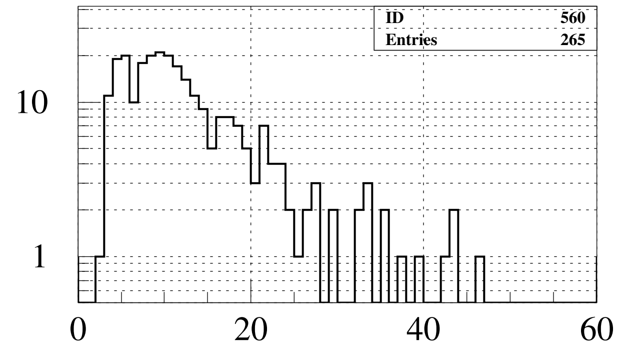

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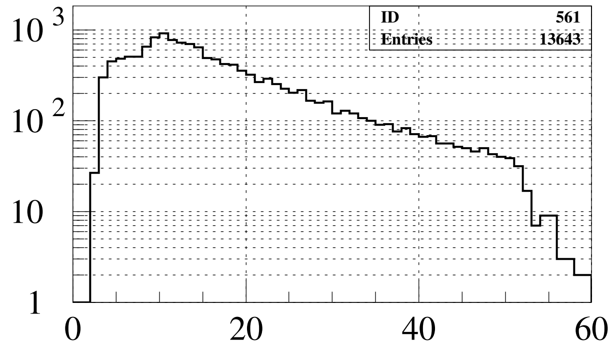
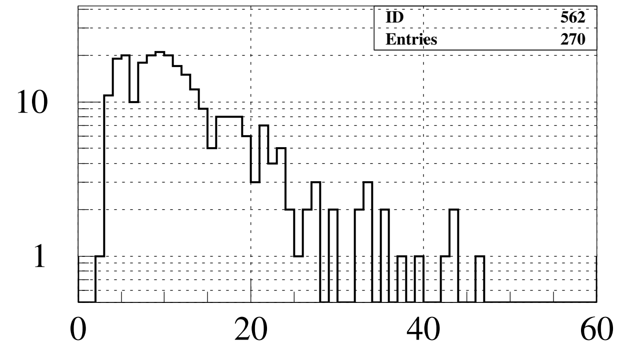


DELCO CLASS 11, PNN2BOX



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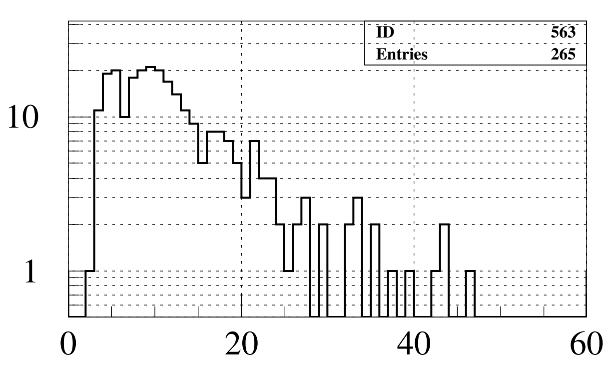

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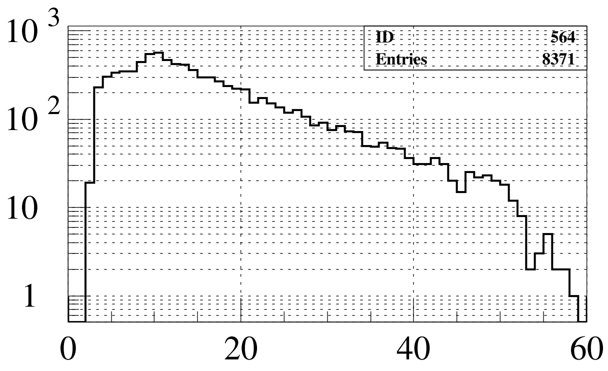

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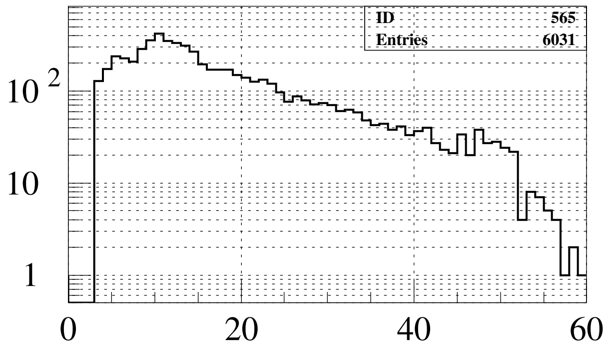
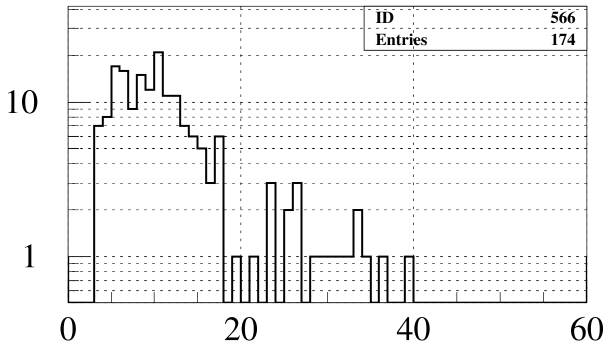
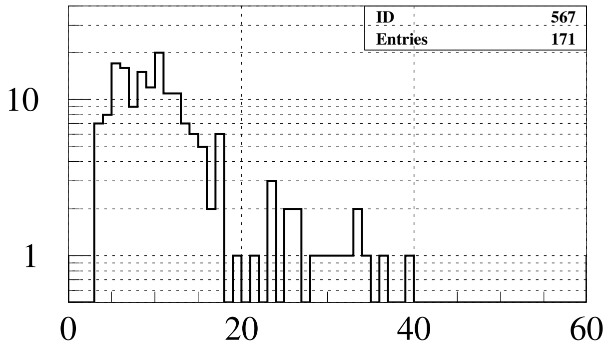


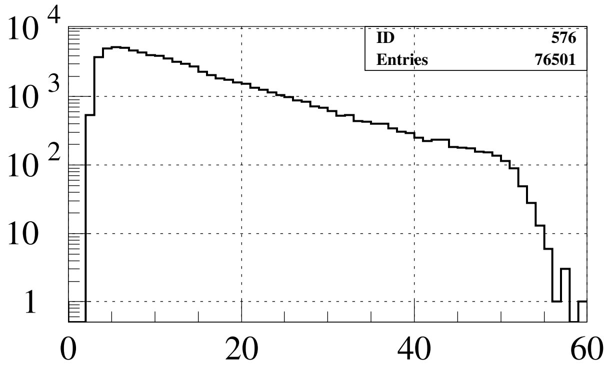
DELCO CLASS 15, PNN2BOX



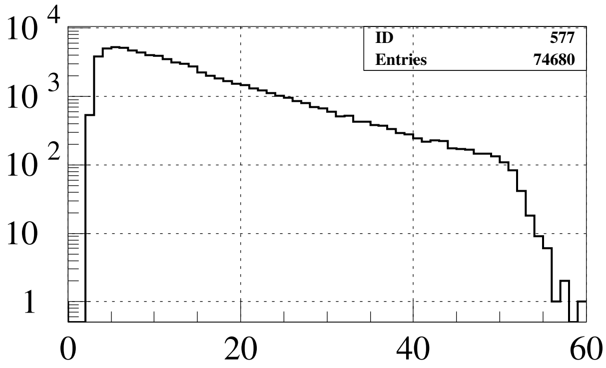
DELCO CLASS 16, PNN2BOX



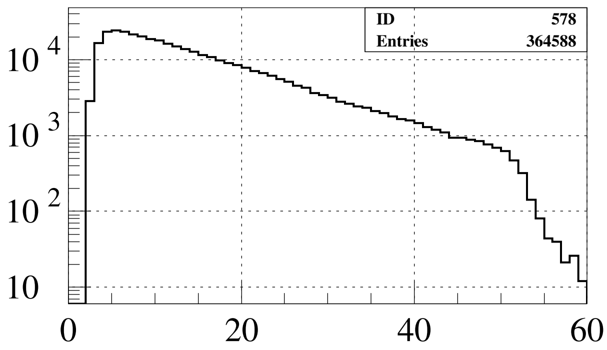
DELCO CLASS 17, PNN2BOX



DELCO CLASS 1, KP2BOX



DELCO CLASS 2, KP2BOX



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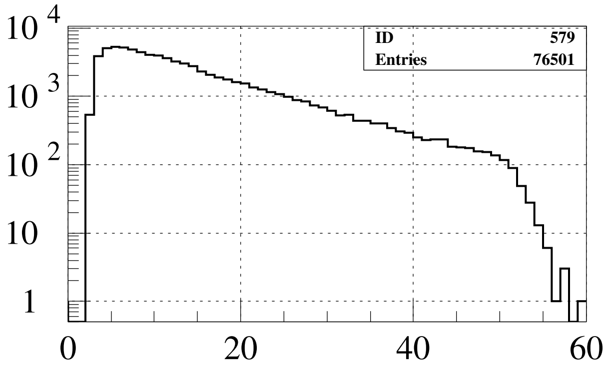

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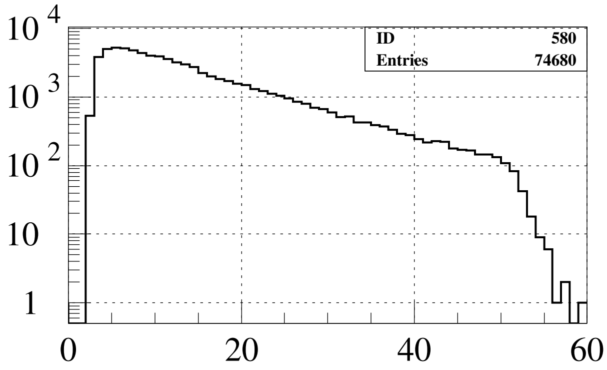
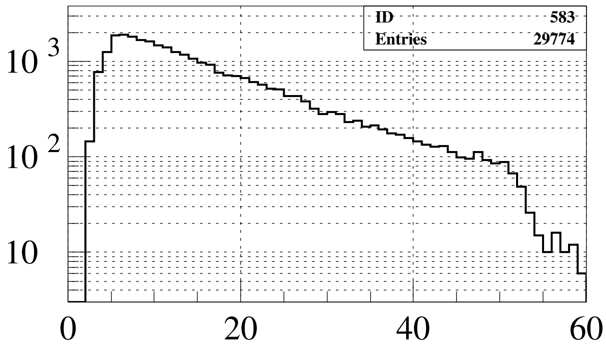
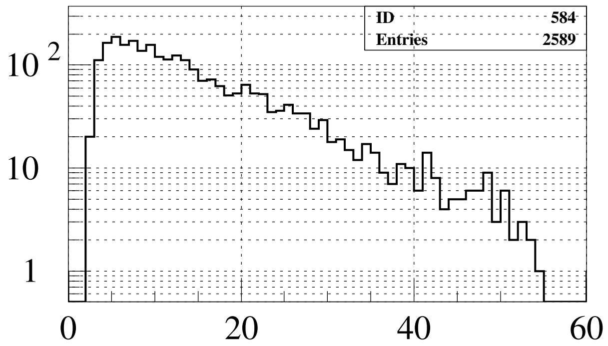


DELCO CLASS 5, KP2BOX

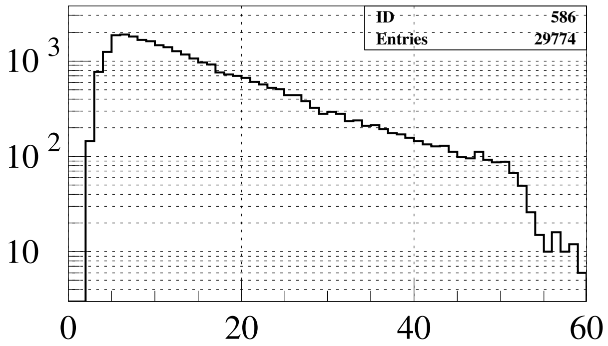


DELCO CLASS 8, KP2BOX

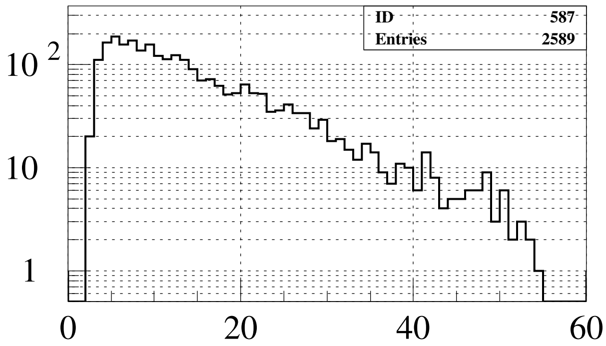


DELCO CLASS 9, KP2BOX

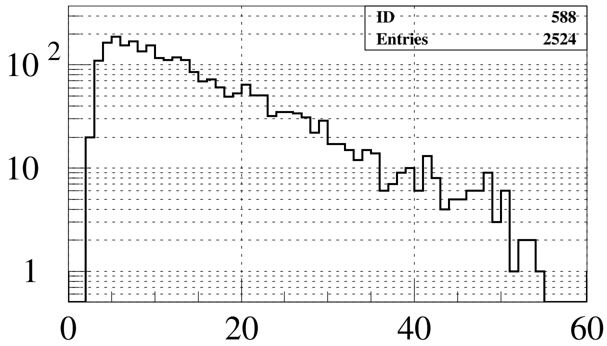
DELCO CLASS 10, KP2BOX



DELCO CLASS 11, KP2BOX

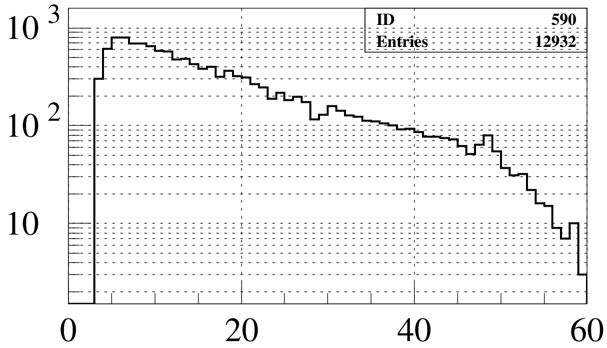


DELCO CLASS 12, KP2BOX

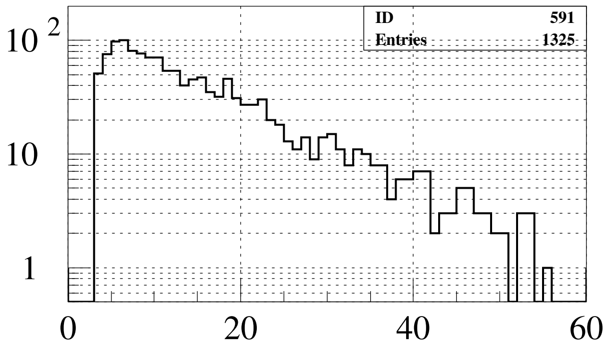


DELCO CLASS 13, KP2BOX

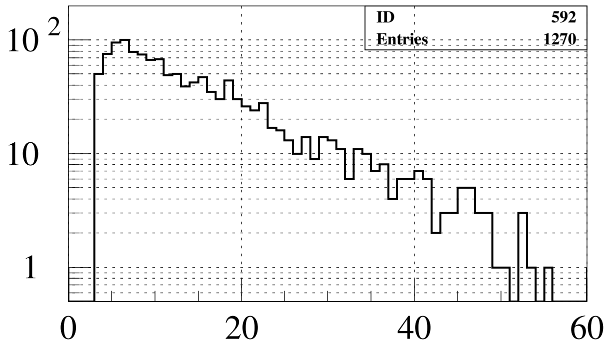
DELCO CLASS 14, KP2BOX



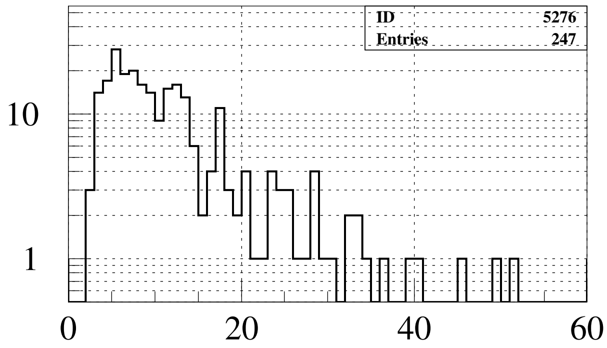
DELCO CLASS 15, KP2BOX



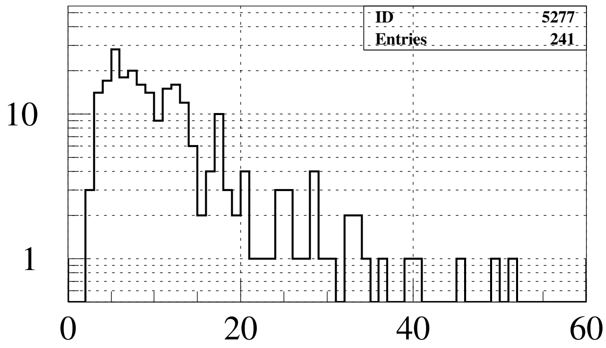
DELCO CLASS 16, KP2BOX



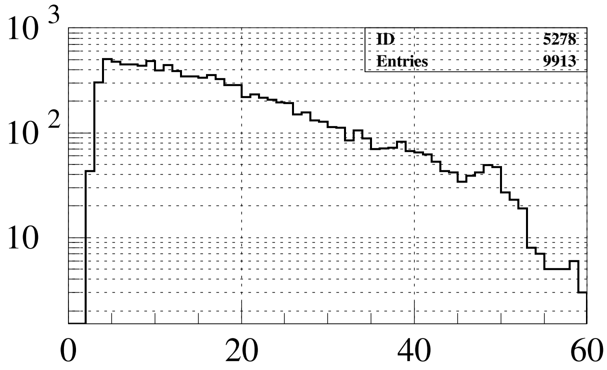
DELCO CLASS 17, KP2BOX



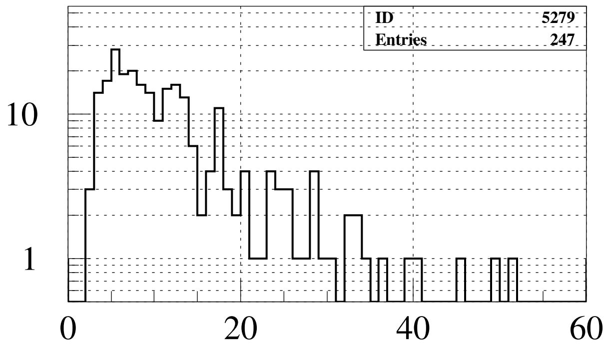
DELCO CLASS 1, PNN2_RP KP2_E



DELCO CLASS 2, PNN2_RP KP2_E



DELCO CLASS 3, PNN2_RP KP2_E



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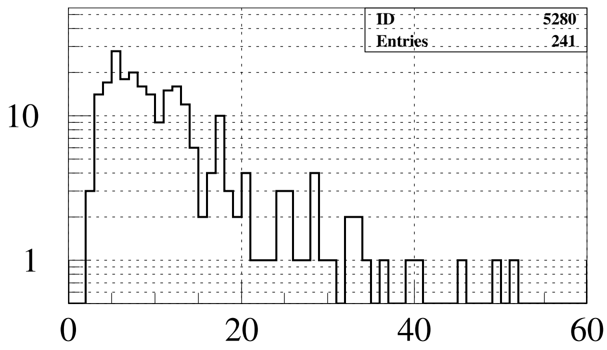
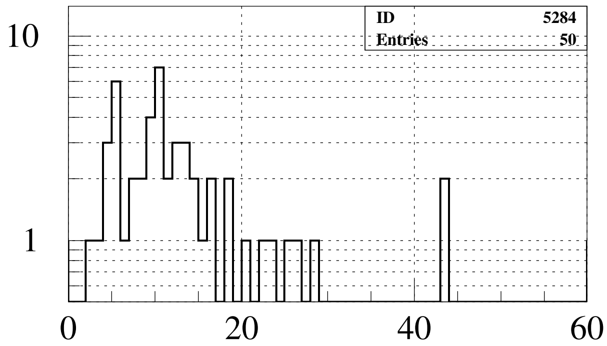
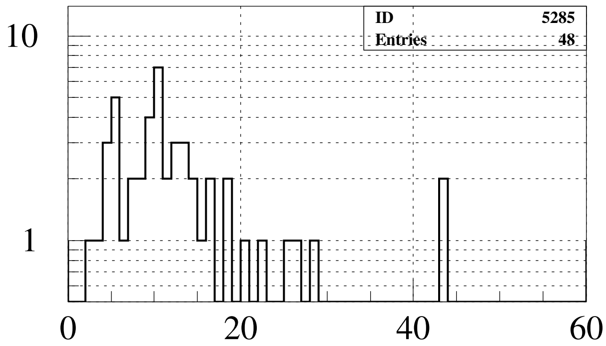


DELCO CLASS 5, PNN2_RP KP2_E

DELCO CLASS 8, PNN2_RP KP2_E

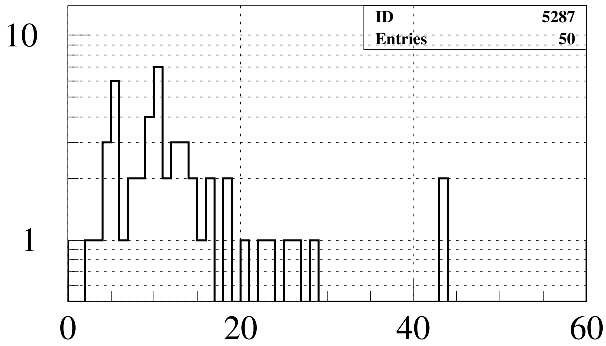


DELCO CLASS 9, PNN2_RP KP2_E

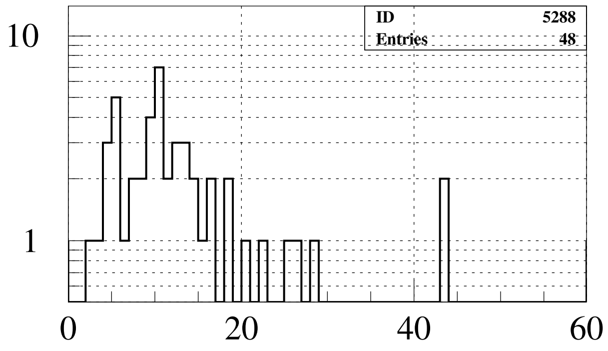


DELCO CLASS 10, PNN2_RP KP2_E

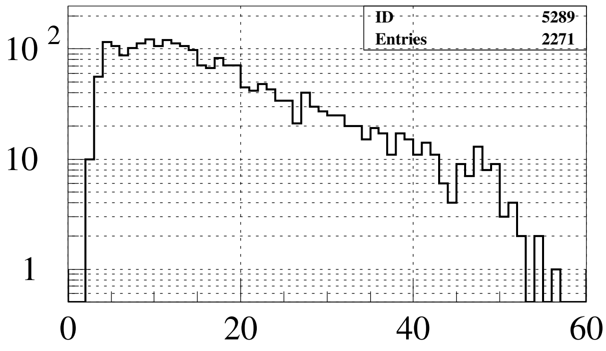
DELCO CLASS 11, PNN2_RP KP2_E



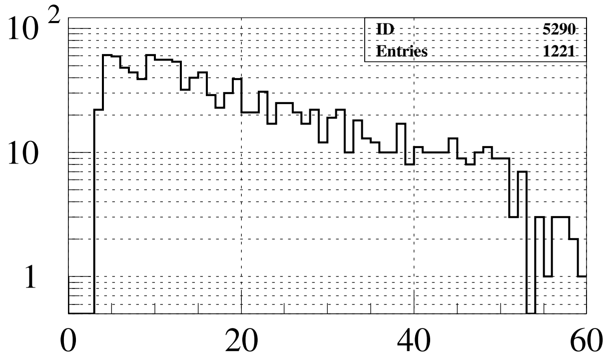
DELCO CLASS 12, PNN2_RP KP2_E



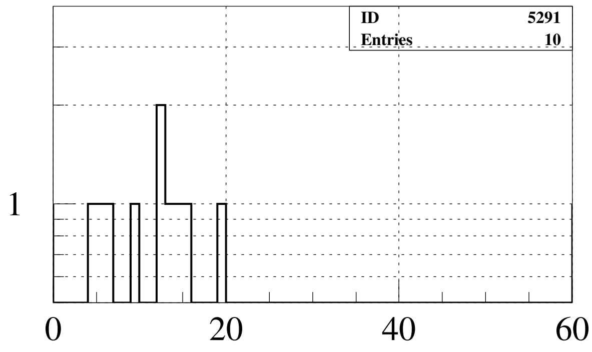
DELCO CLASS 13, PNN2_RP KP2_E



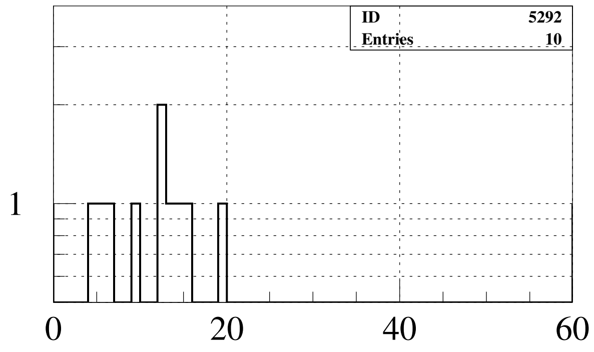
DELCO CLASS 14, PNN2_RP KP2_E



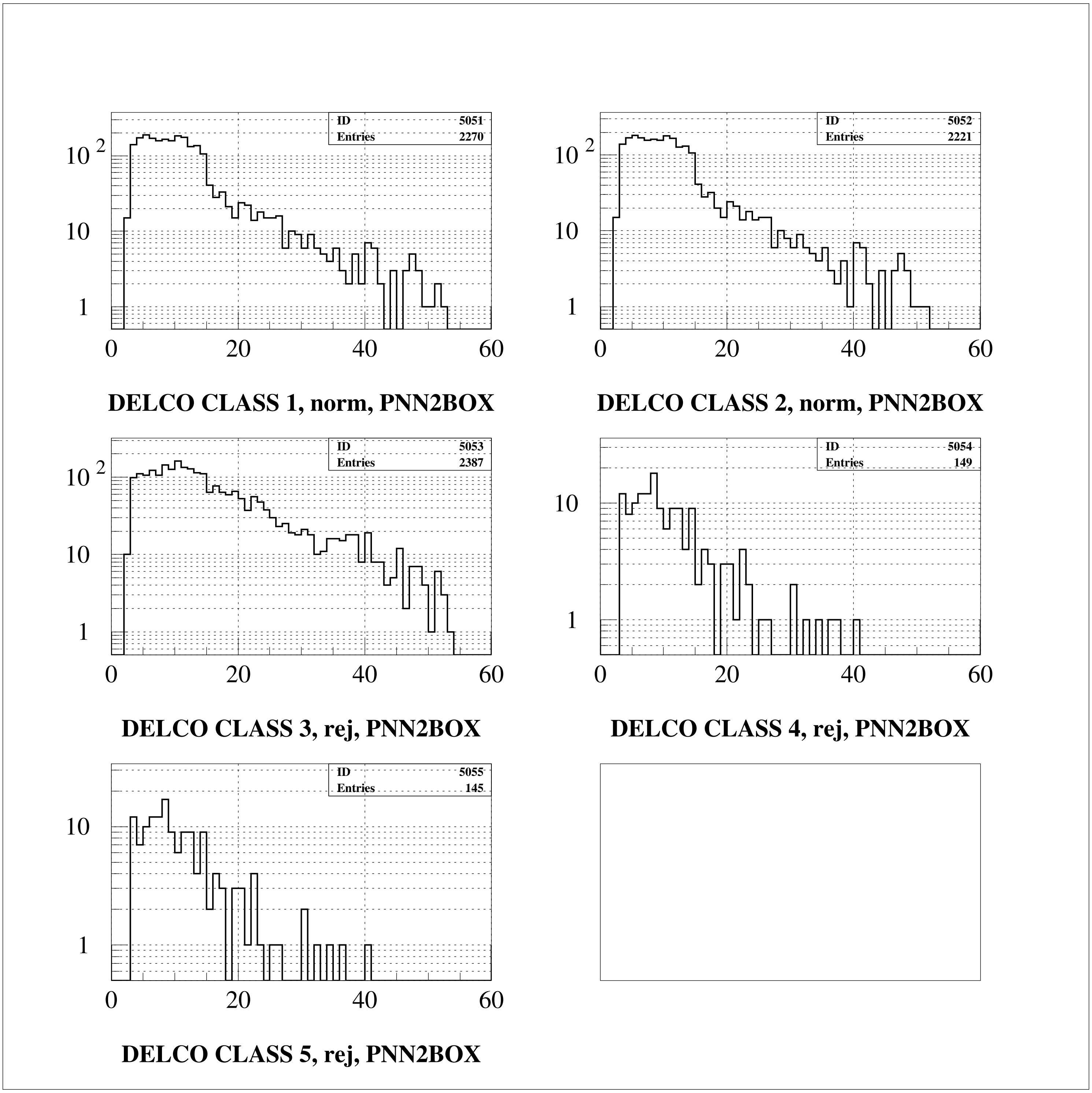
DELCO CLASS 15, PNN2_RP KP2_E



DELCO CLASS 16, PNN2_RP KP2_E



DELCO CLASS 17, PNN2_RP KP2_E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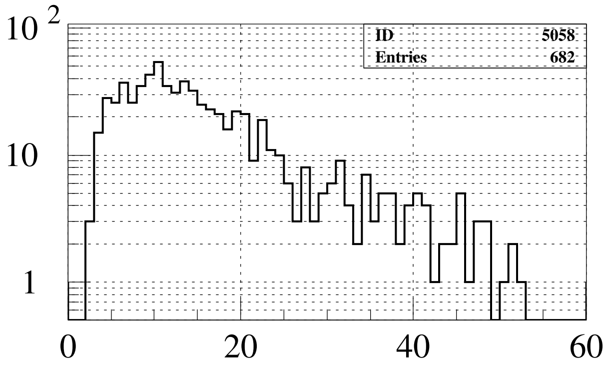
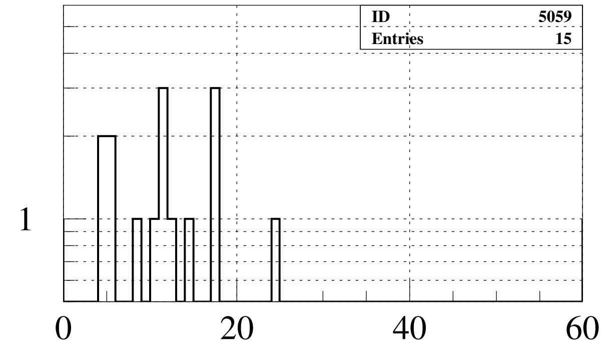
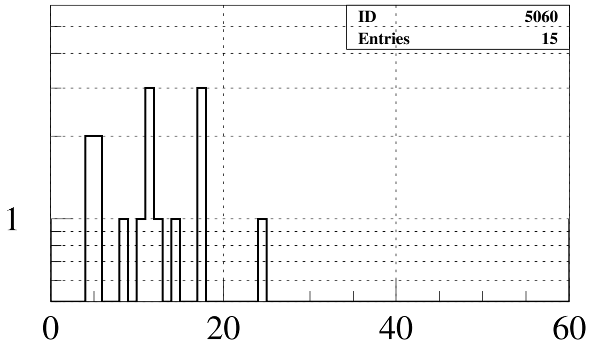


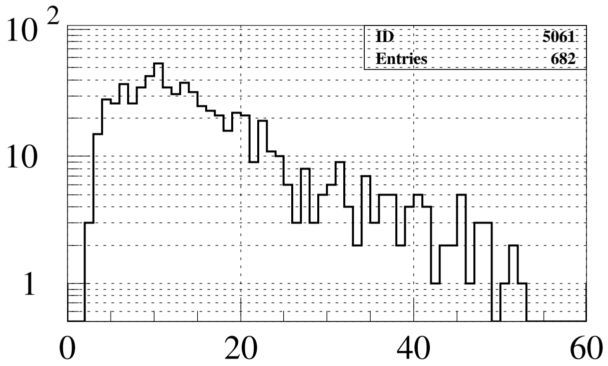
DELCO CLASS 8, rej, PNN2BOX



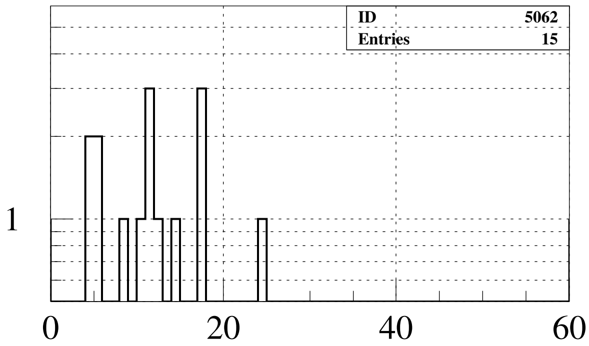
DELCO CLASS 9, rej, PNN2BOX



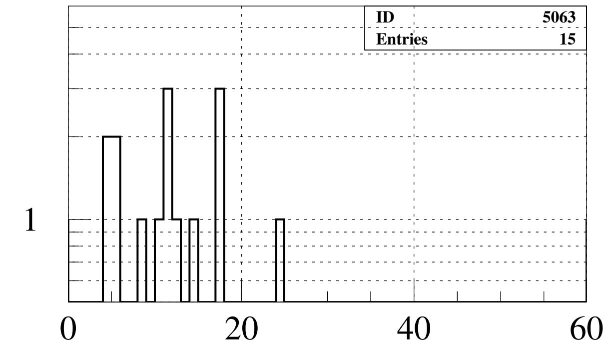
DELCO CLASS 10, rej, PNN2BOX



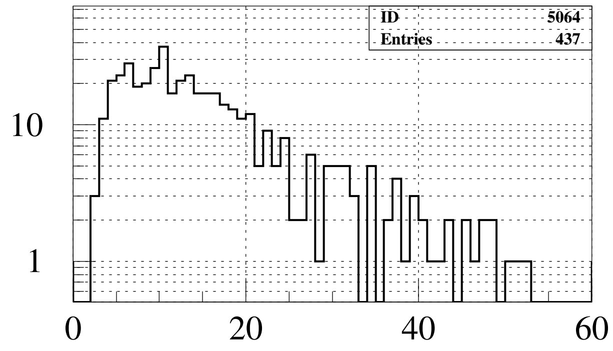
DELCO CLASS 11, rej, PNN2BOX



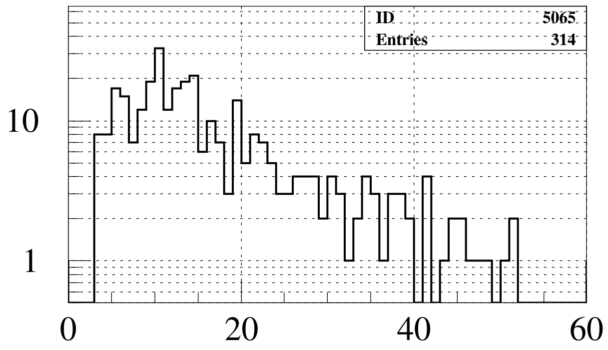
DELCO CLASS 12, rej, PNN2BOX



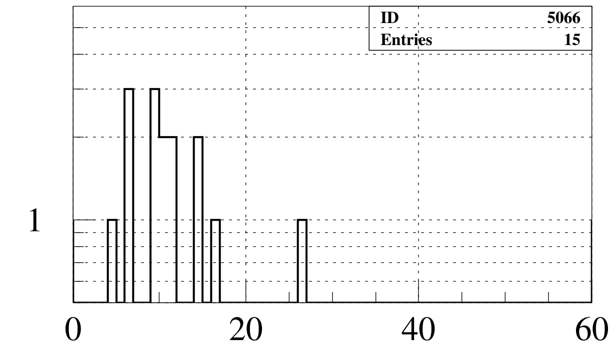
DELCO CLASS 13, rej, PNN2BOX



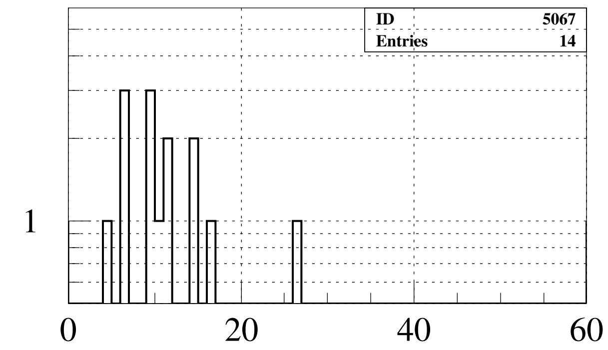
DELCO CLASS 14, rej, PNN2BOX



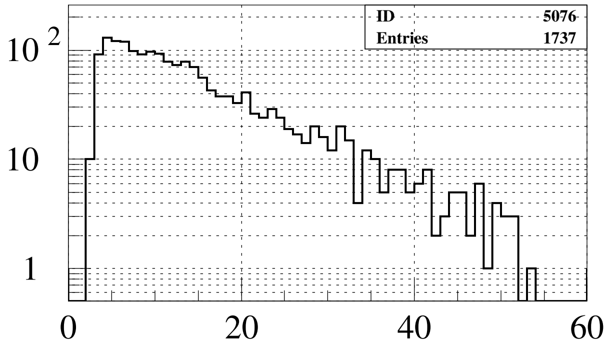
DELCO CLASS 15, rej, PNN2BOX



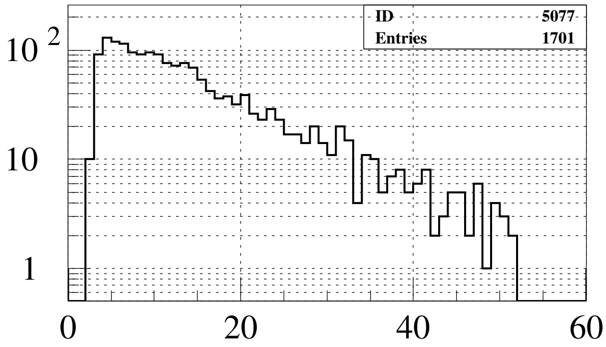
DELCO CLASS 16, rej, PNN2BOX



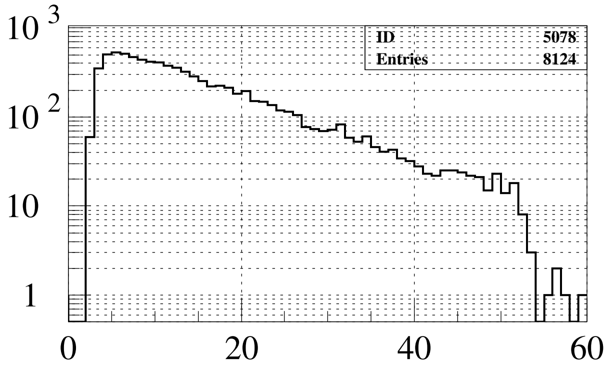
DELCO CLASS 17, rej, PNN2BOX



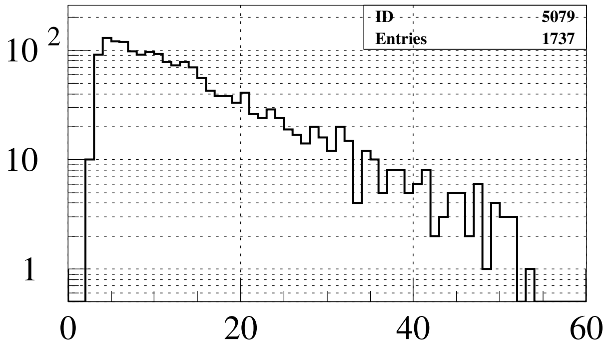
DELCO CLASS 1, rej, KP2BOX



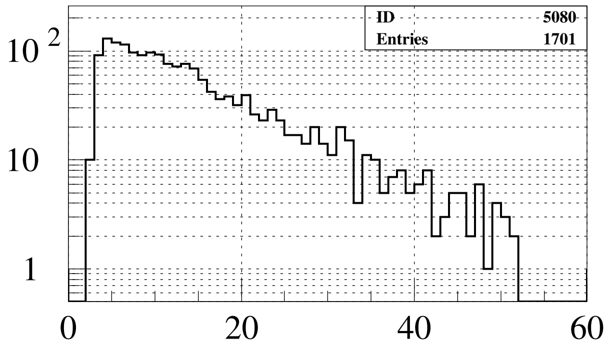
DELCO CLASS 2, rej, KP2BOX



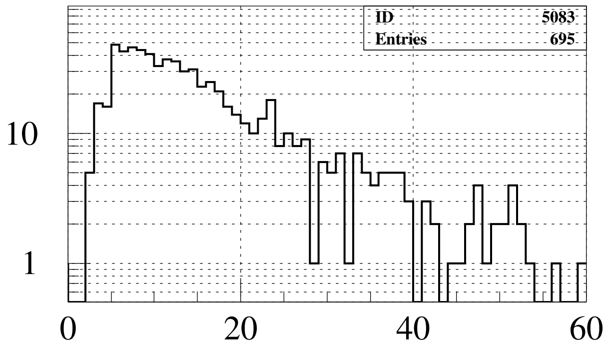
DELCO CLASS 3, rej, KP2BOX



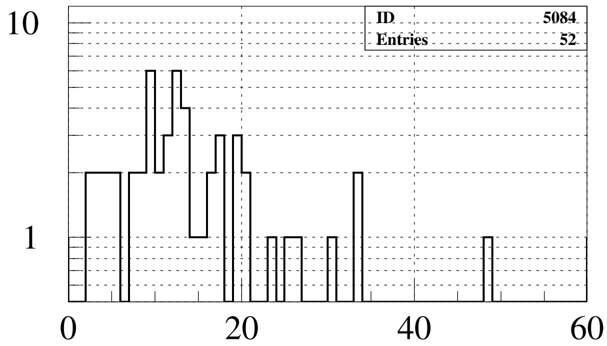
DELCO CLASS 4, rej, KP2BOX



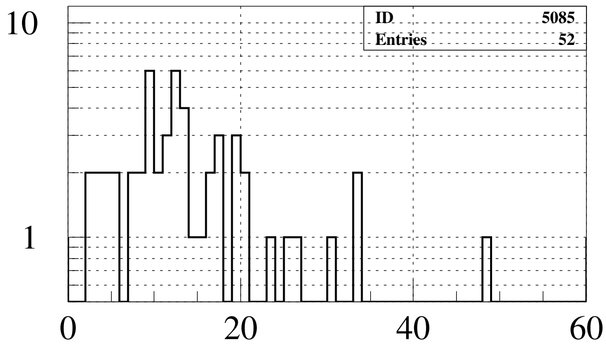
DELCO CLASS 5, rej, KP2BOX



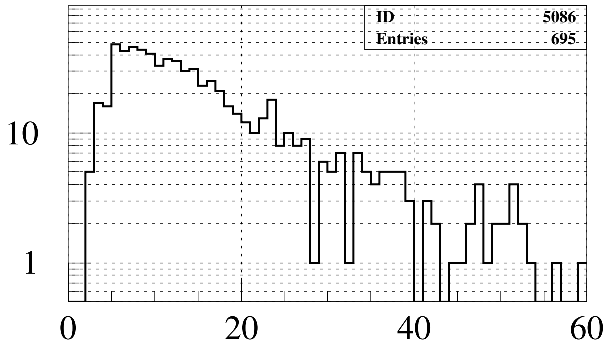
DELCO CLASS 8, rej, KP2BOX



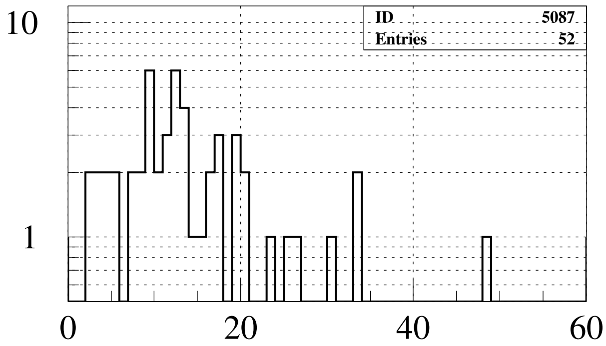
DELCO CLASS 9, rej, KP2BOX



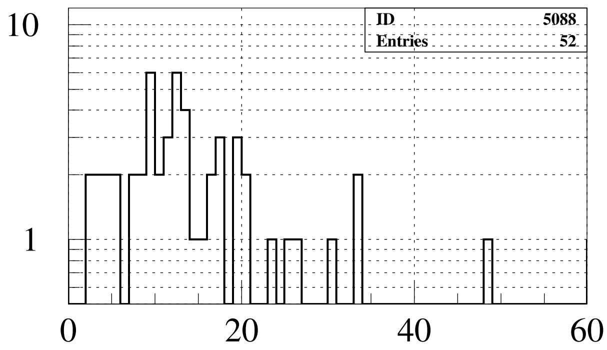
DELCO CLASS 10, rej, KP2BOX



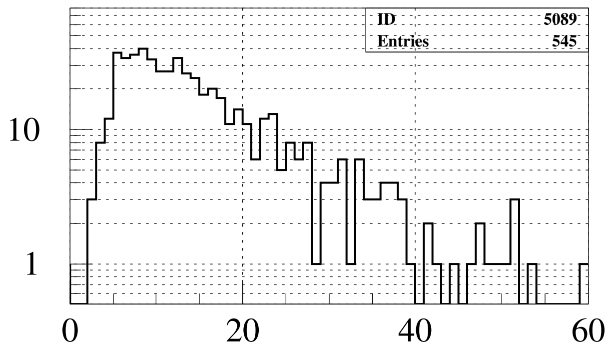
DELCO CLASS 11, rej, KP2BOX



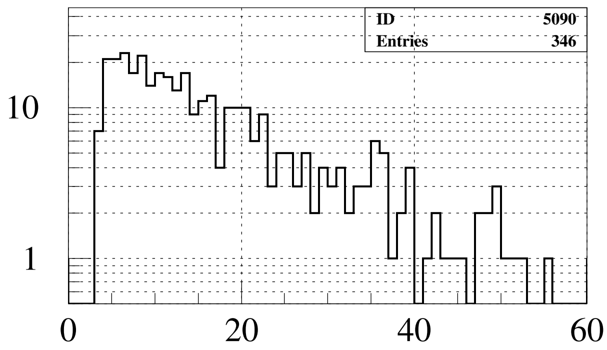
DELCO CLASS 12, rej, KP2BOX



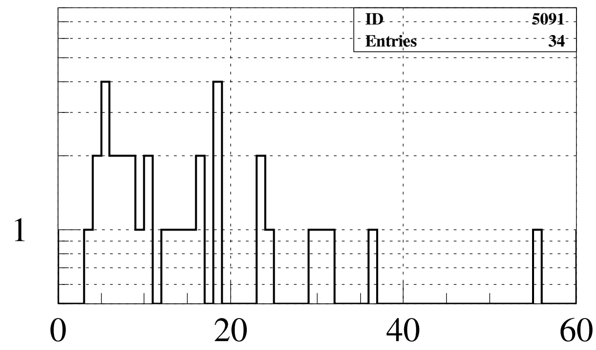
DELCO CLASS 13, rej, KP2BOX



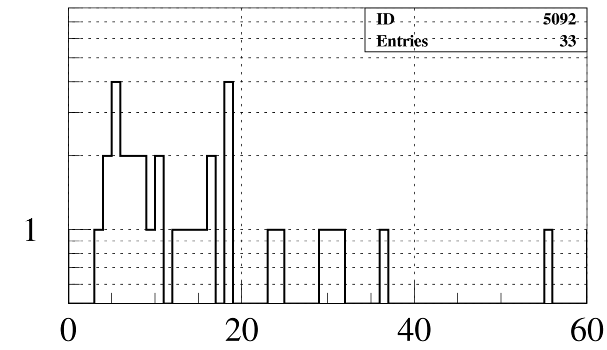
DELCO CLASS 14, rej, KP2BOX



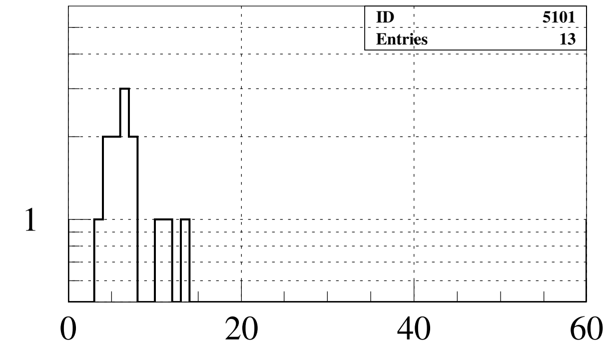
DELCO CLASS 15, rej, KP2BOX



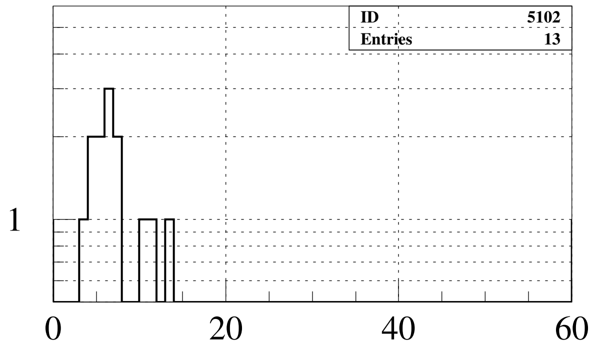
DELCO CLASS 16, rej, KP2BOX



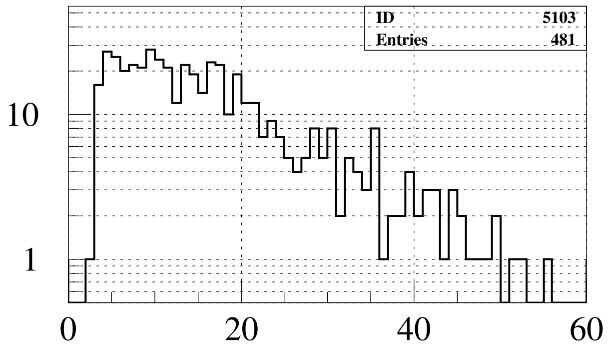
DELCO CLASS 17, rej, KP2BOX



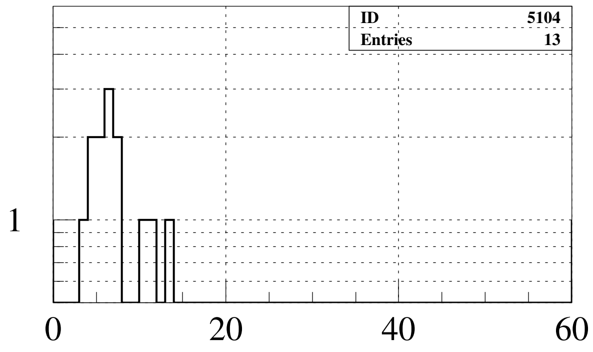
DELCO CLASS 1, rej, PNN2_RP KP2_E



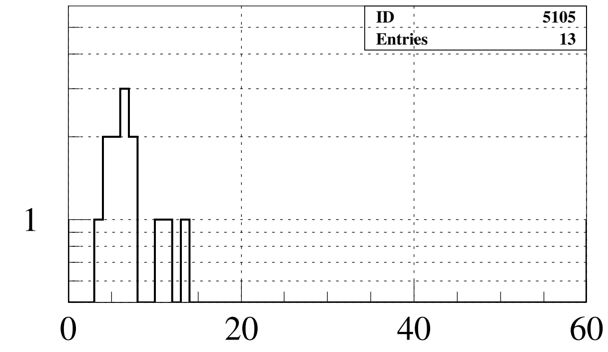
DELCO CLASS 2, rej, PNN2_RP KP2_E



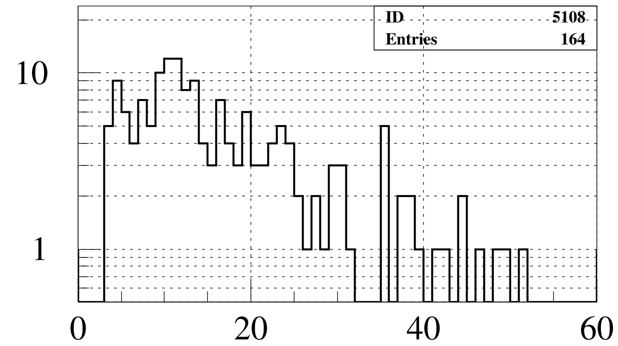
DELCO CLASS 3, rej, PNN2_RP KP2_E



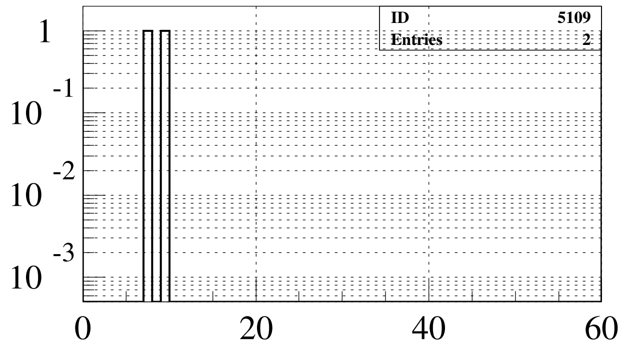
DELCO CLASS 4, rej, PNN2_RP KP2_E



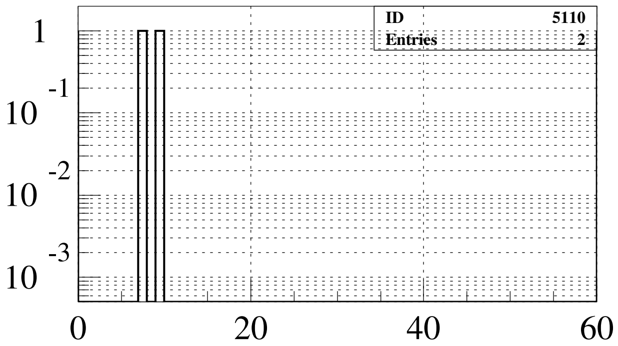
DELCO CLASS 5, rej, PNN2_RP KP2_E



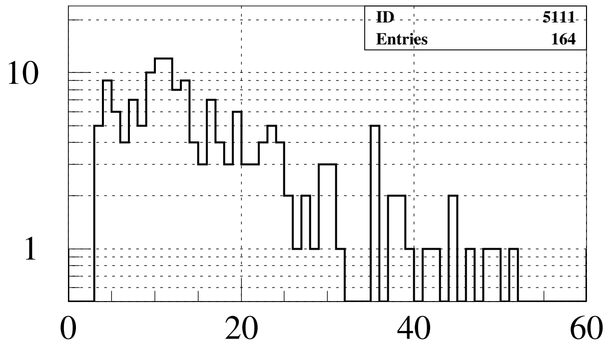
DELCO CLASS 8, rej, PNN2_RP KP2_E



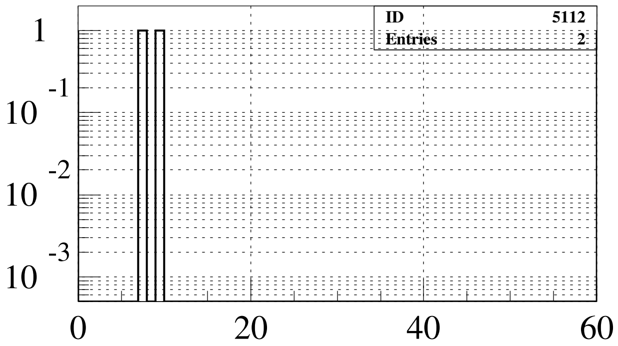
DELCO CLASS 9, rej, PNN2_RP KP2_E



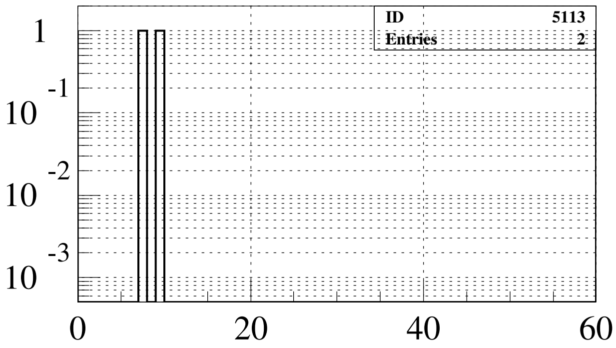
DELCO CLASS 10,rej, PNN2_RP KP2_E



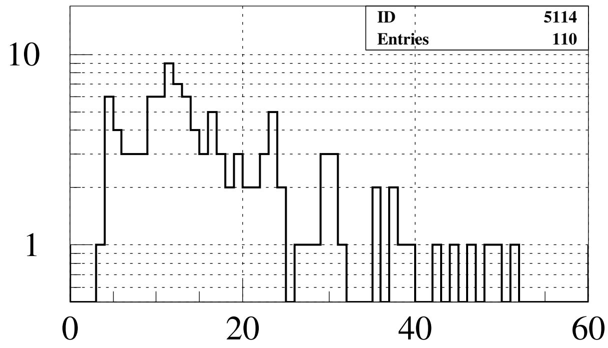
DELCO CLASS 11,rej, PNN2_RP KP2_E



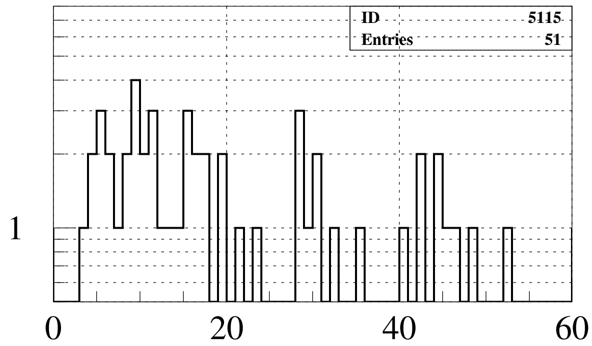
DELCO CLASS 12,rej, PNN2_RP KP2_E



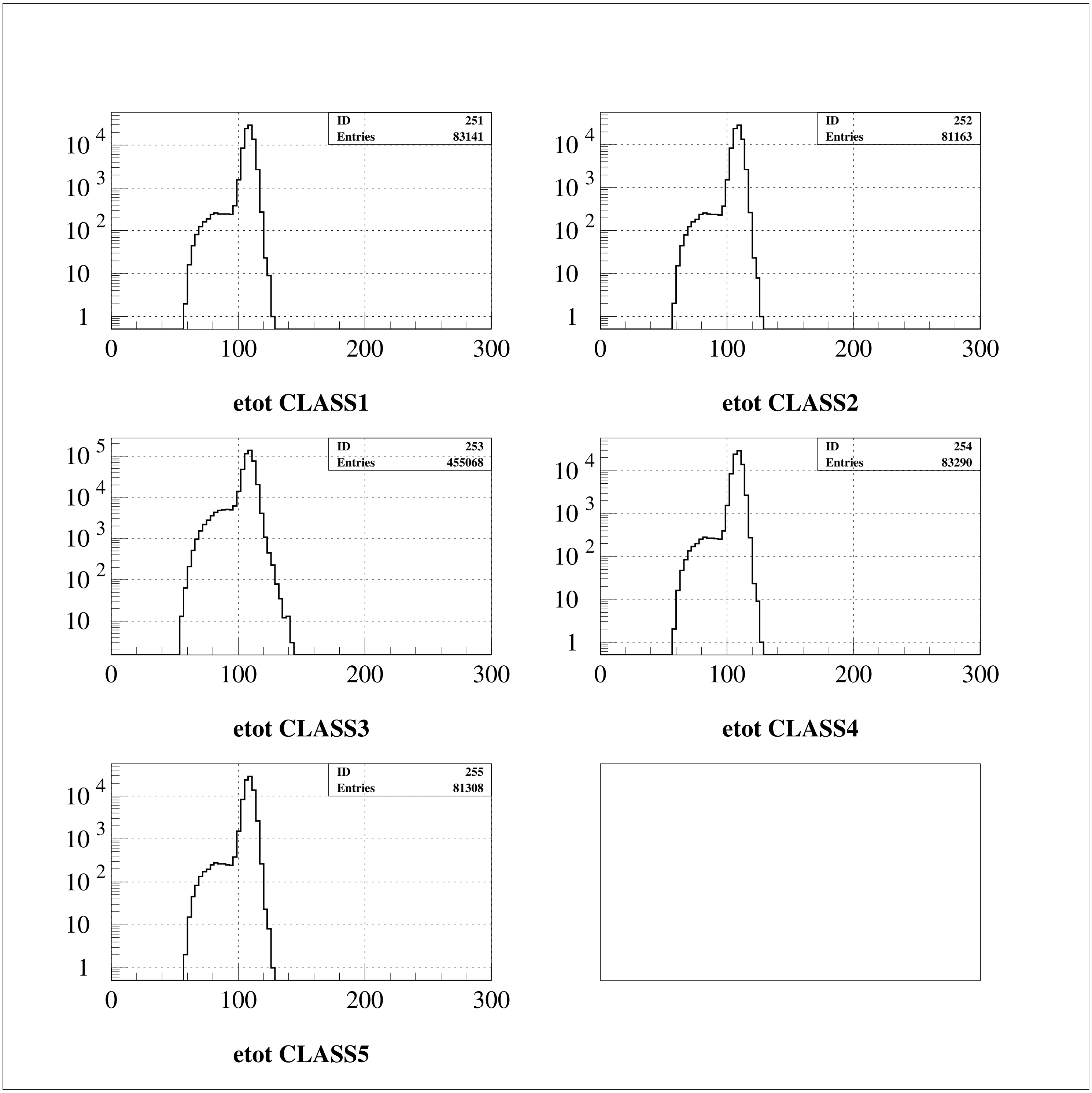
DELCO CLASS 13,rej, PNN2_RP KP2_E

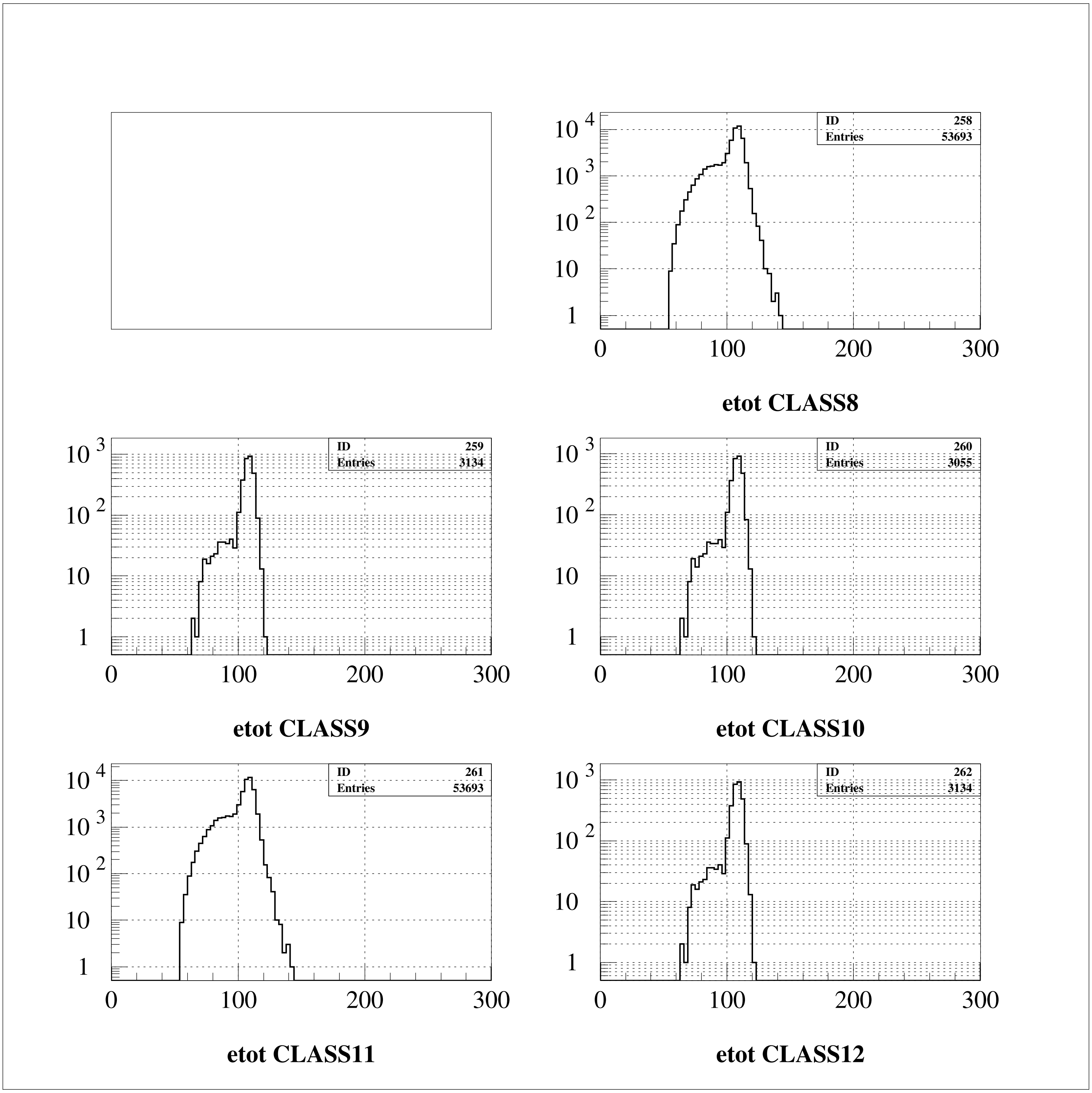


DELCO CLASS 14,rej, PNN2_RP KP2_E



DELCO CLASS 15,rej, PNN2_RP KP2_E


ID 251
Entries 83141
etot CLASS1
ID 252
Entries 81163
etot CLASS2
ID 253
Entries 455068
etot CLASS3
ID 254
Entries 83290
etot CLASS4
ID 255
Entries 81308
etot CLASS5


ID 258
Entries 53693
etot CLASS8
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etot CLASS10
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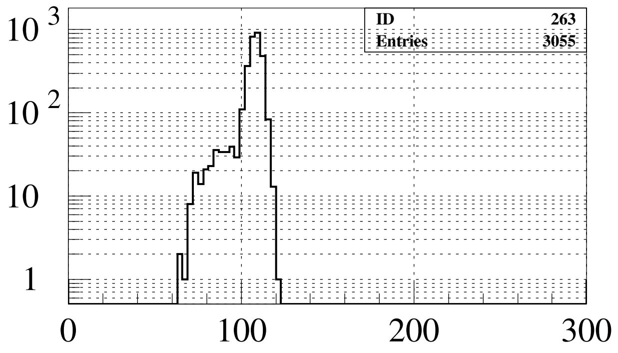
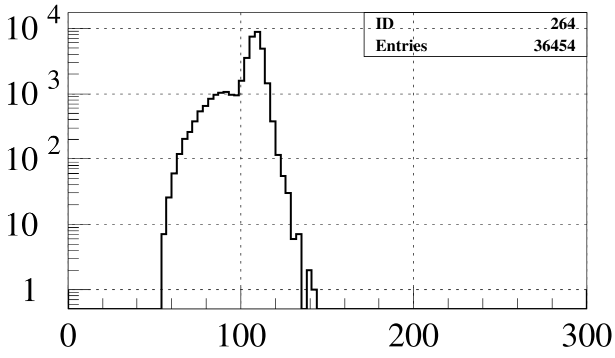
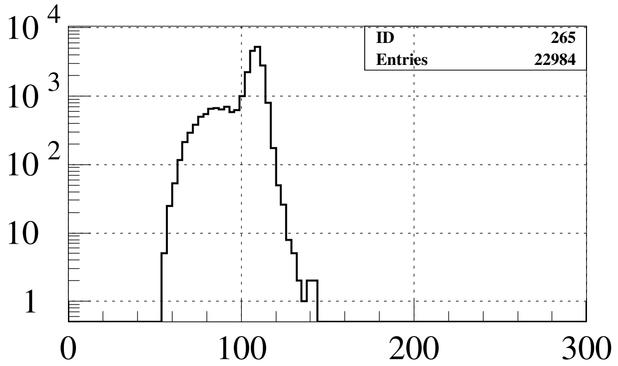
Entries 53693
etot CLASS11
ID 262
Entries 3134
etot CLASS12



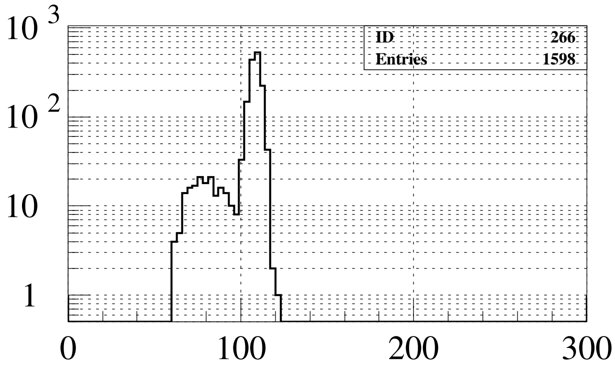
etot CLASS13



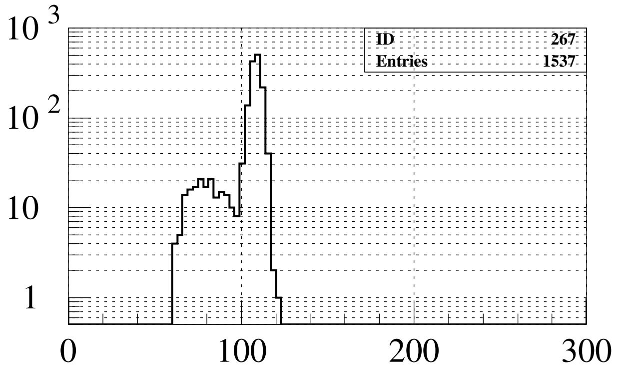
etot CLASS14



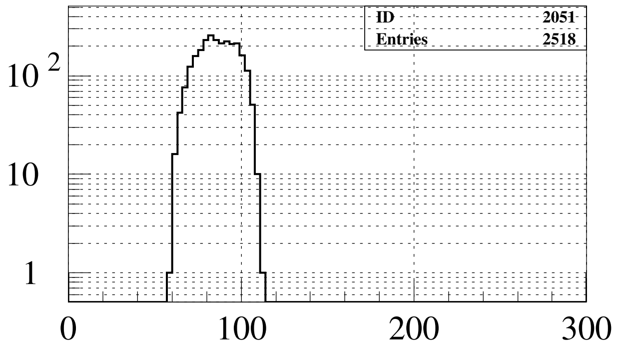
etot CLASS15



etot CLASS16

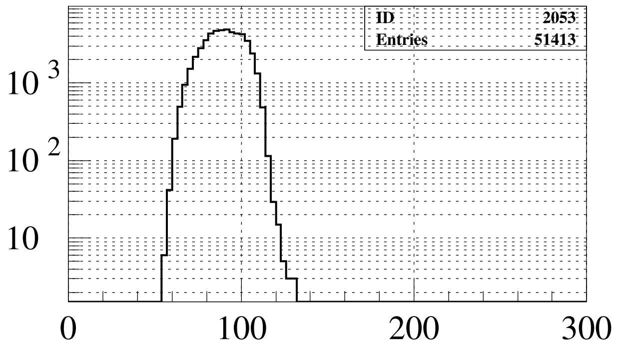


etot CLASS17

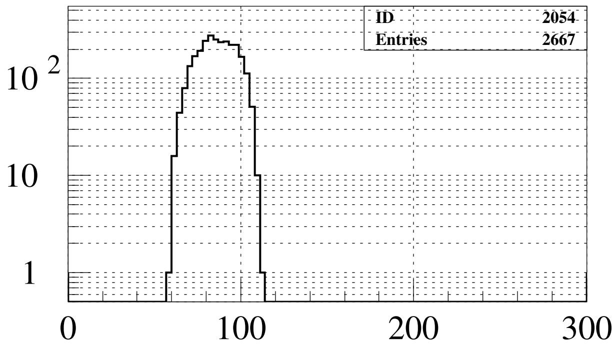


etot CLASS1, PNN2BOX_RP

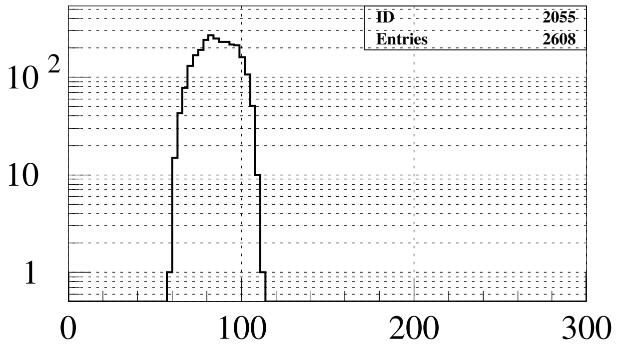
etot CLASS2, PNN2BOX_RP



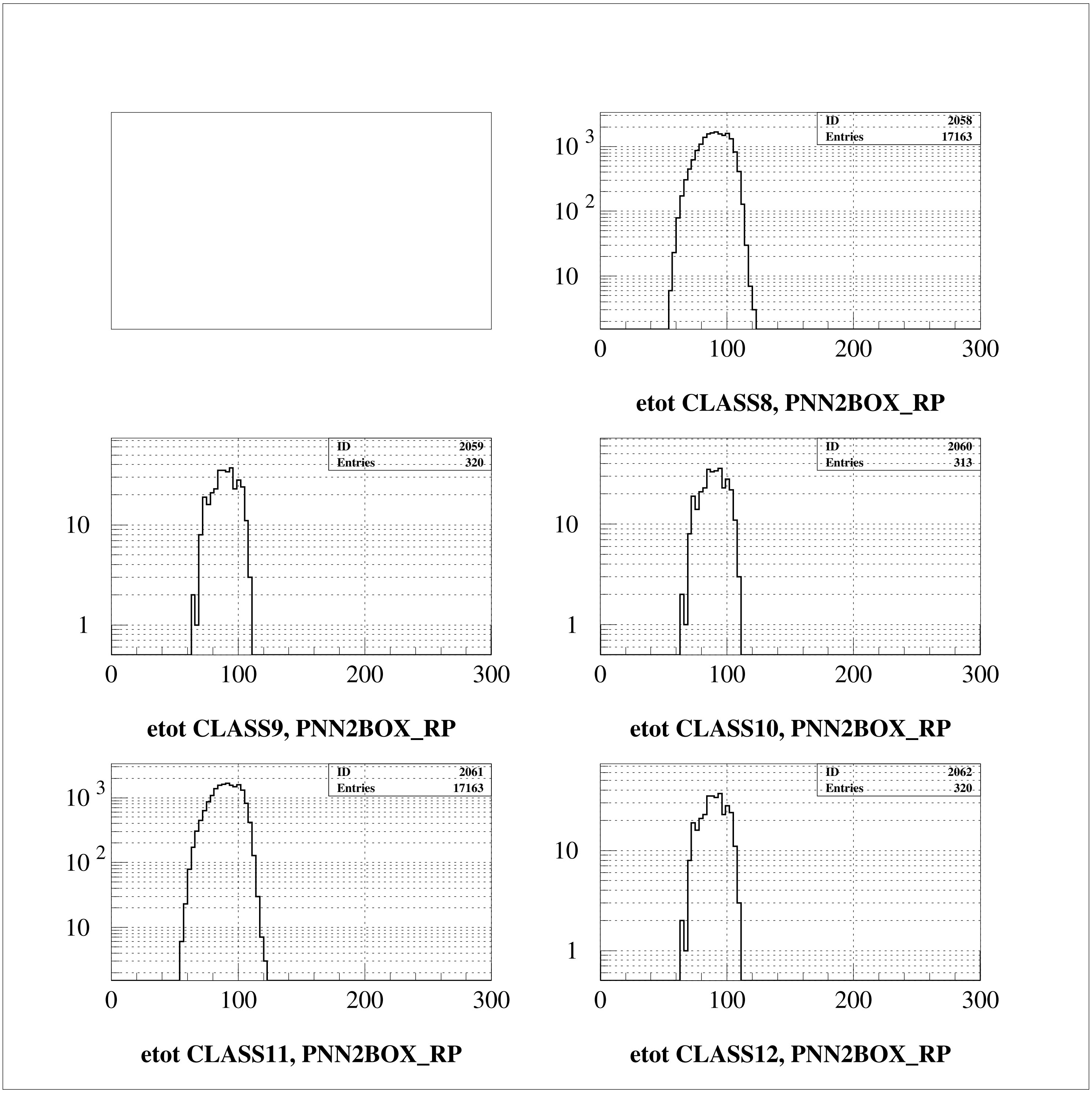
etot CLASS3, PNN2BOX_RP

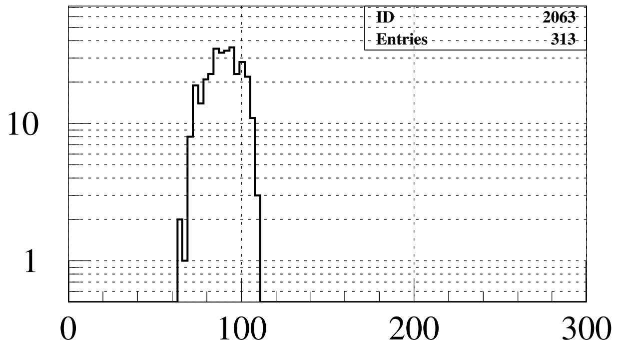


etot CLASS4, PNN2BOX_RP

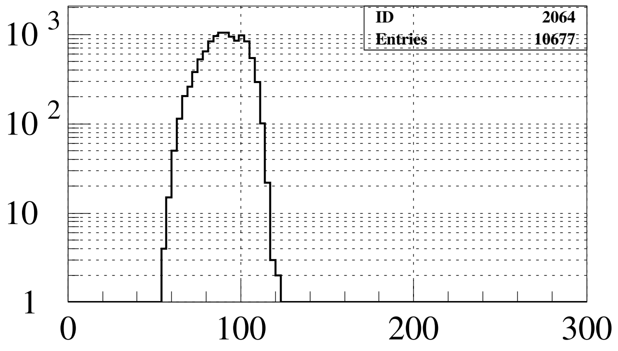


etot CLASS5, PNN2BOX_RP


ID 2058
Entries 17163
etot CLASS8, PNN2BOX_RP
ID 2059
Entries 320
etot CLASS9, PNN2BOX_RP
ID 2060
Entries 313
etot CLASS10, PNN2BOX_RP
ID 2061
Entries 17163
etot CLASS11, PNN2BOX_RP
ID 2062
Entries 320
etot CLASS12, PNN2BOX_RP



etot CLASS13, PNN2BOX_RP



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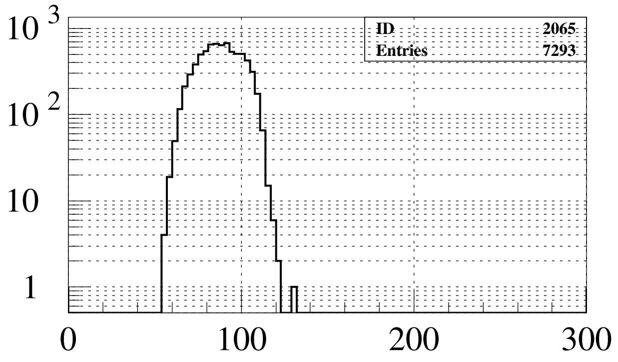
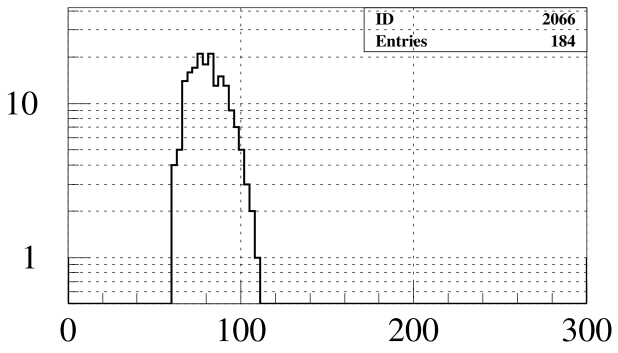


etot CLASS15, PNN2BOX_RP



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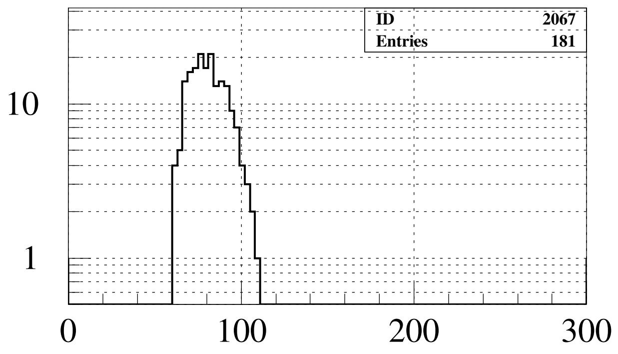
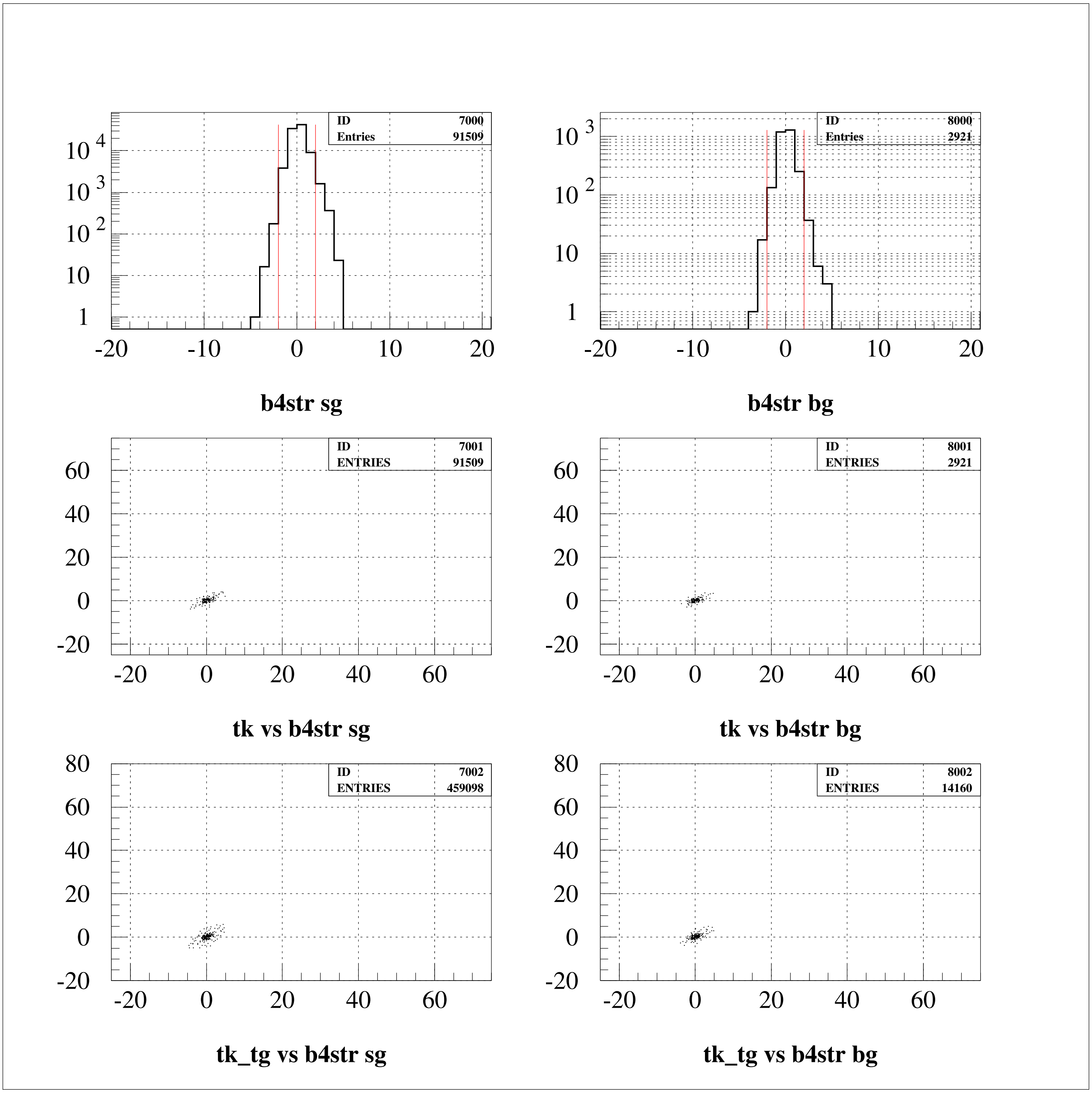
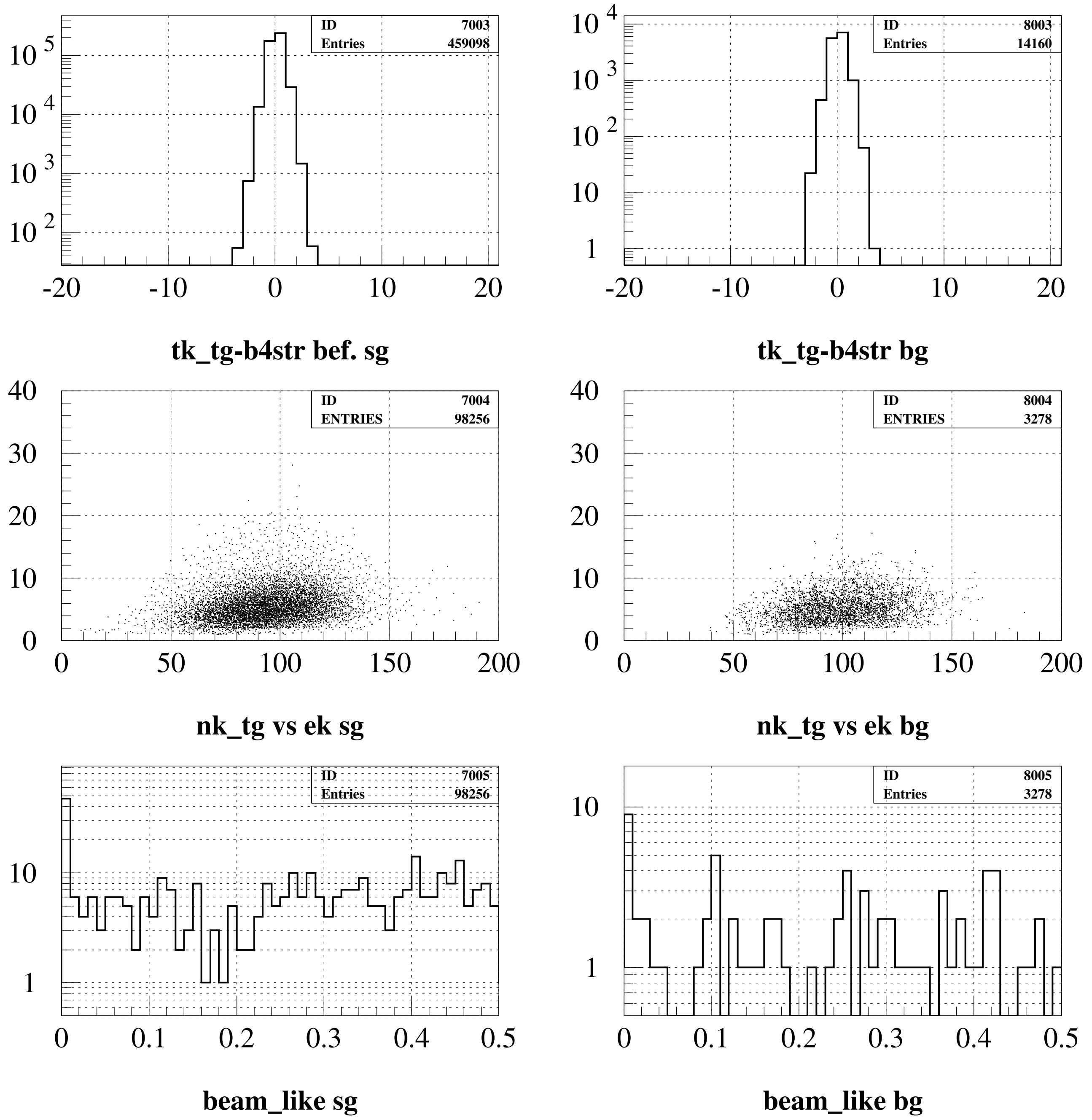
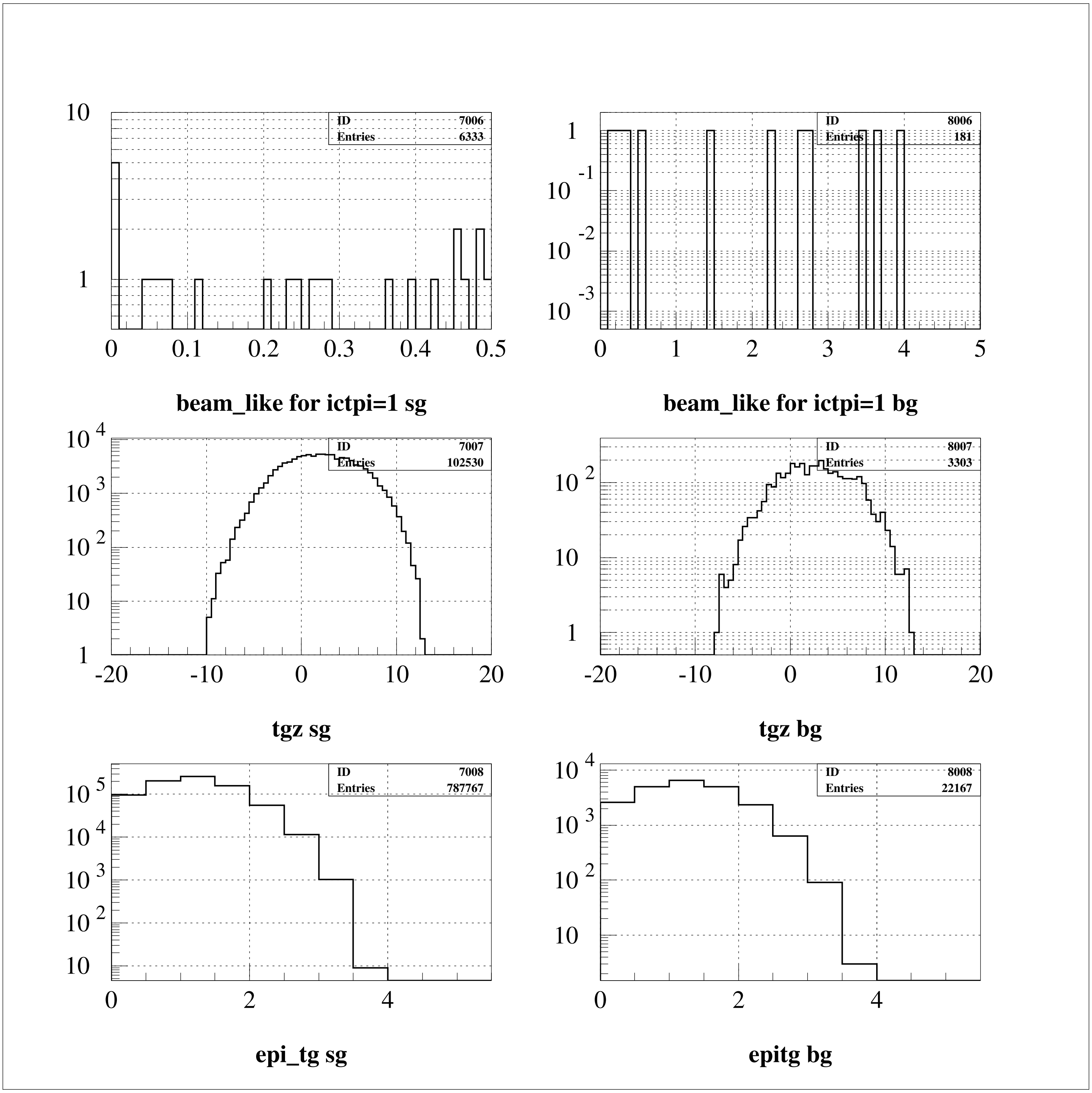


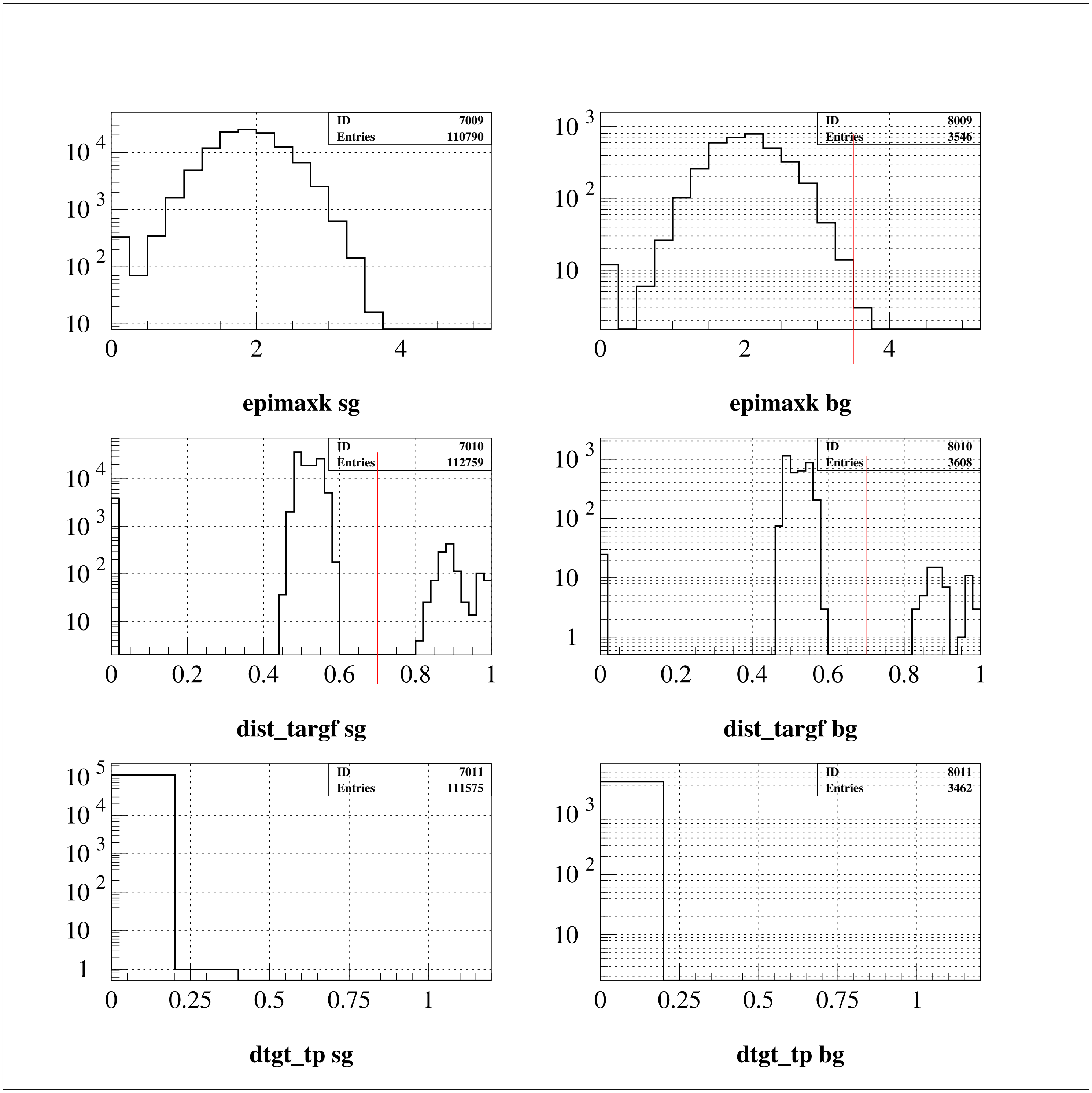
etot CLASS17, PNN2BOX_RP


ID 7000
Entries 91509
b4str sg
ID 8000
Entries 2921
b4str bg
ID 7001
ENTRIES 91509
tk vs b4str sg
ID 8001
ENTRIES 2921
tk vs b4str bg
ID 7002
ENTRIES 459098
tk_tg vs b4str sg
ID 8002
ENTRIES 14160
tk_tg vs b4str bg

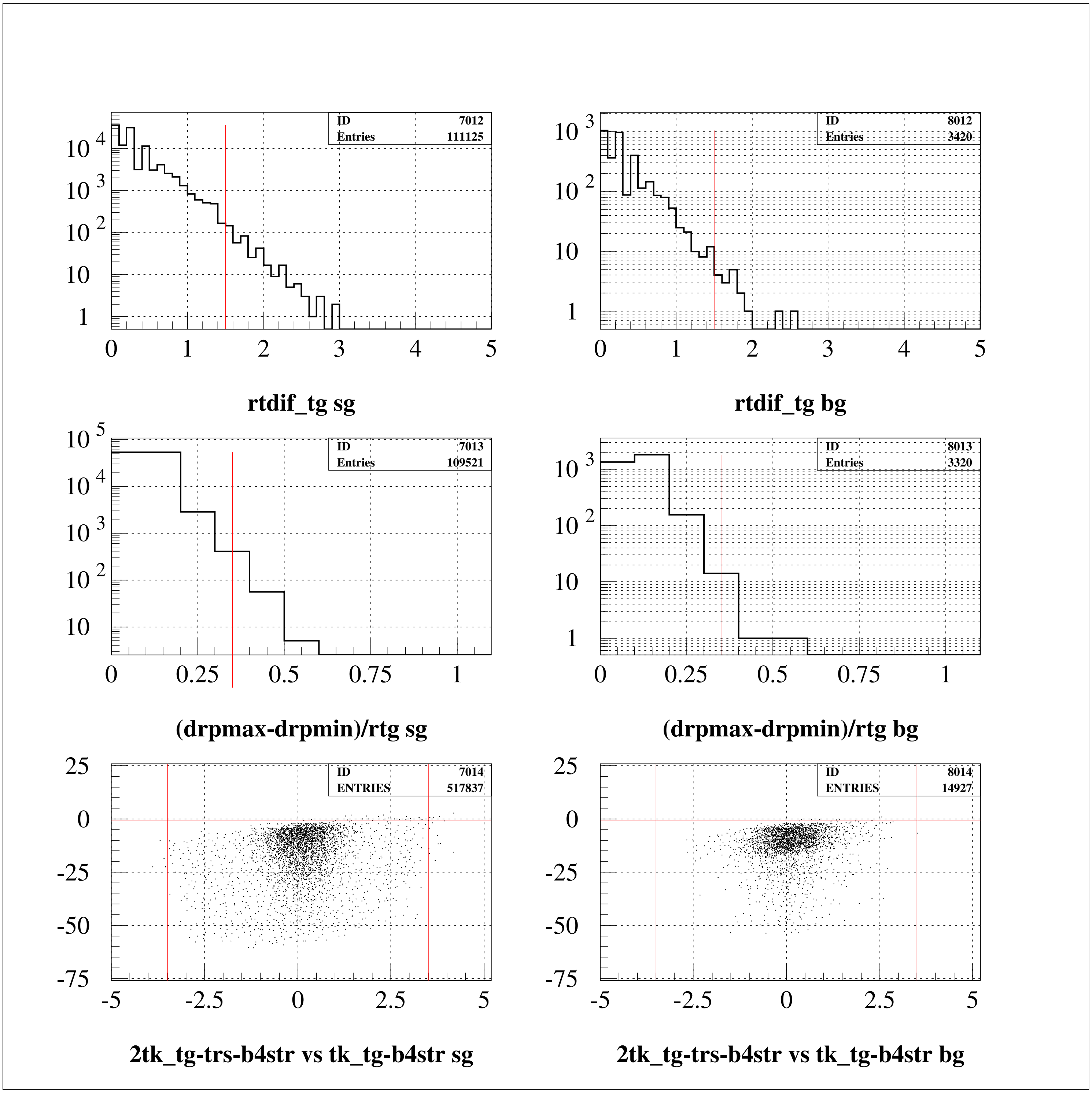

ID 7003
Entries 459098
tk_tg-b4str bef. sg
ID 8003
Entries 14160
tk_tg-b4str bg
ID 7004
ENTRIES 98256
nk_tg vs ek sg
ID 8004
ENTRIES 3278
nk_tg vs ek bg
ID 7005
Entries 98256
beam_like sg
ID 8005
Entries 3278
beam_like bg



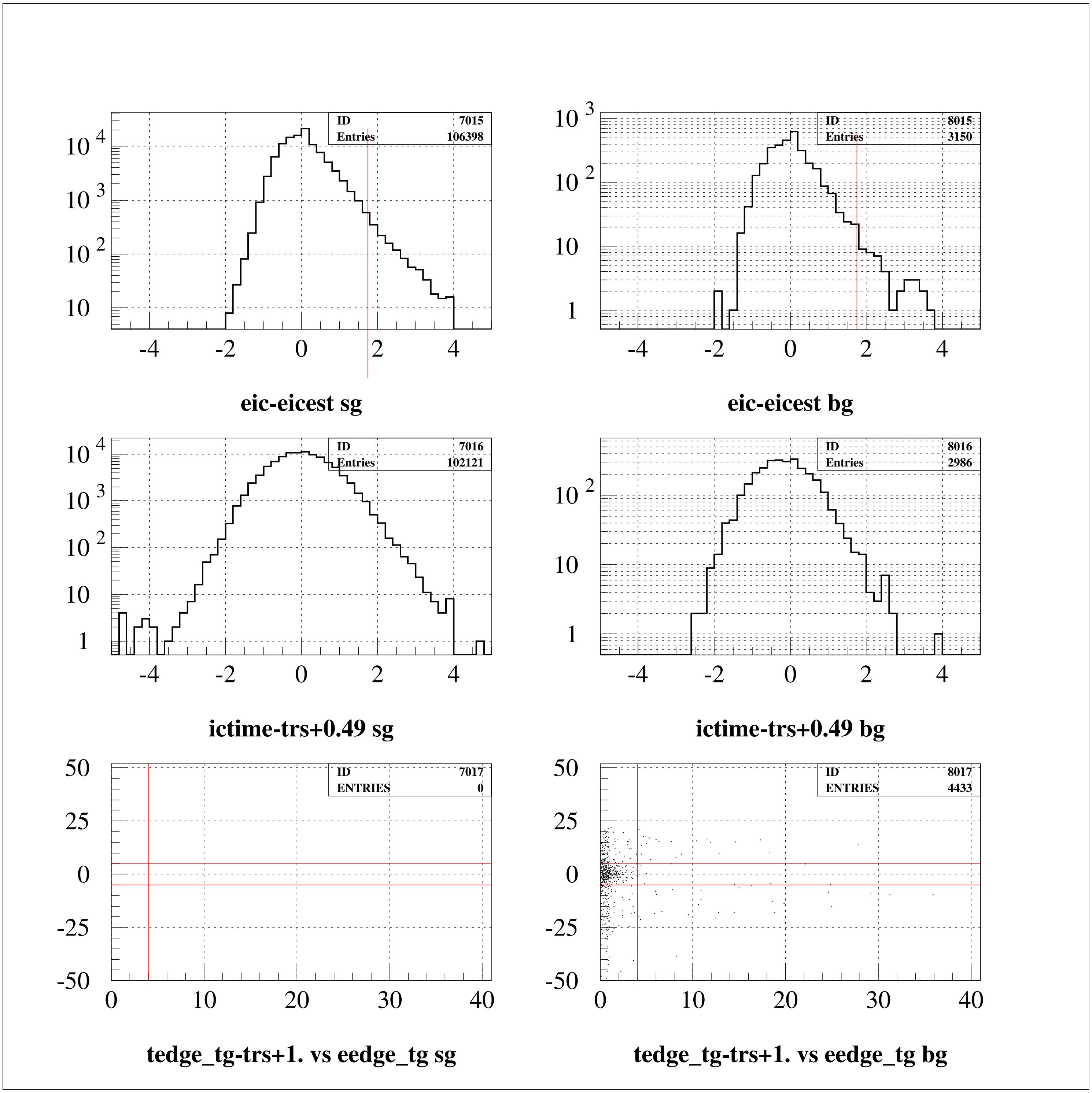
ID 7006
Entries 6333
beam_like for ictpi=1 sg
ID 8006
Entries 181
beam_like for ictpi=1 bg
ID 7007
Entries 102530
tgz sg
ID 8007
Entries 3303
tgz bg
ID 7008
Entries 787767
epi_tg sg
ID 8008
Entries 22167
epitg bg



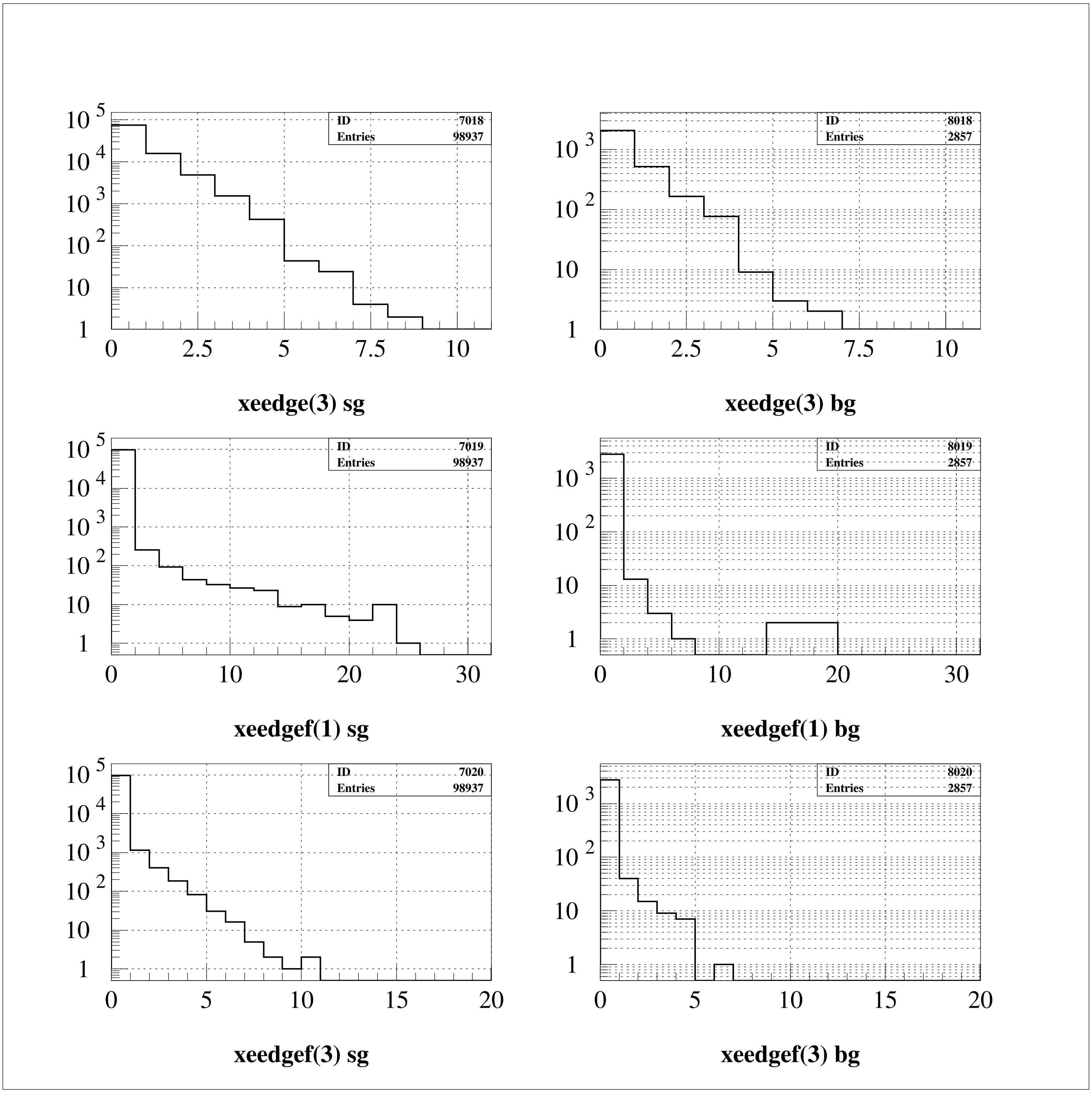
ID 7009
Entries 110790
epimaxk sg
ID 8009
Entries 3546
epimaxk bg
ID 7010
Entries 112759
dist_targf sg
ID 8010
Entries 3608
dist_targf bg
ID 7011
Entries 111575
dtgt_tp sg
ID 8011
Entries 3462
dtgt_tp bg

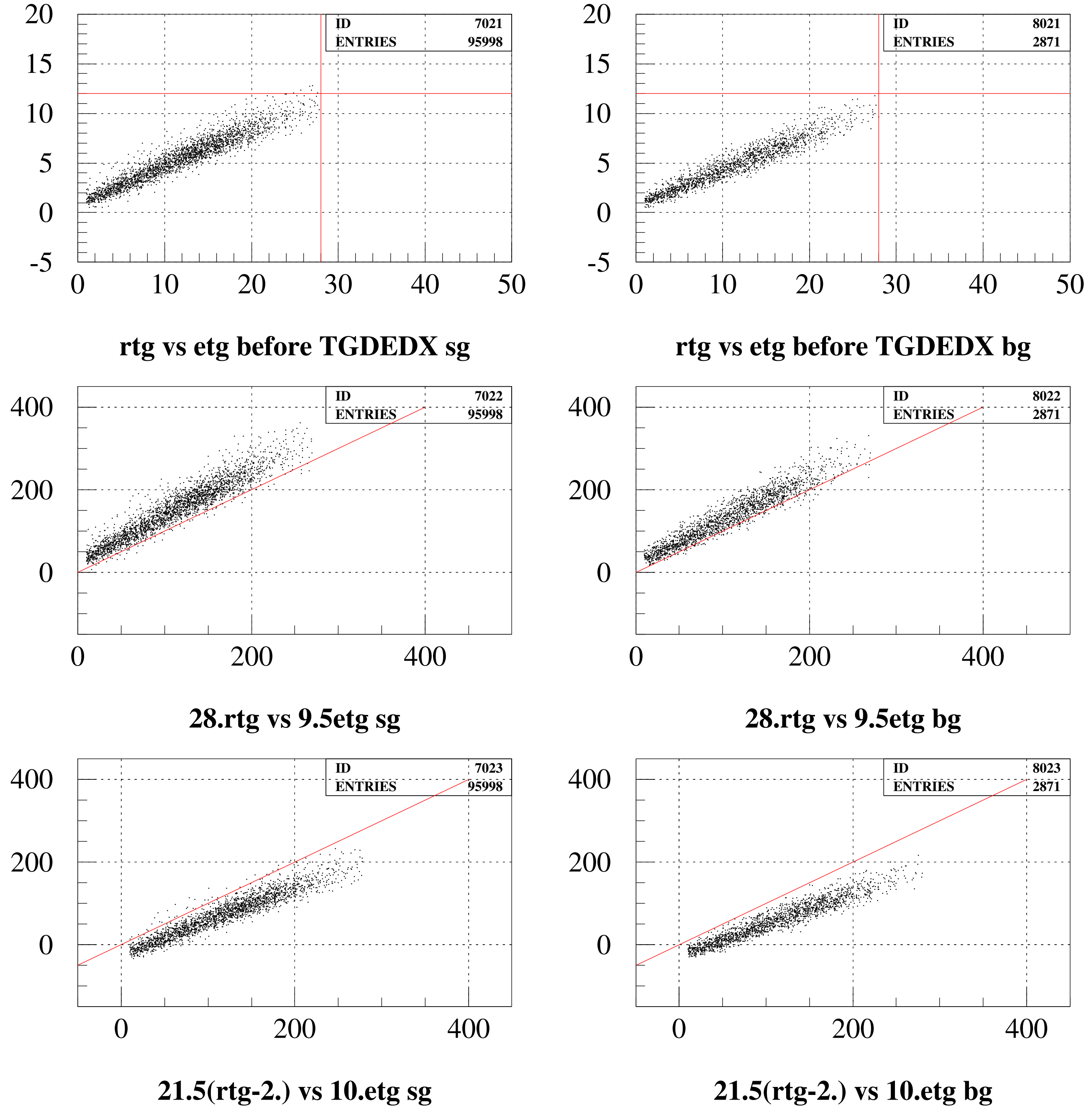


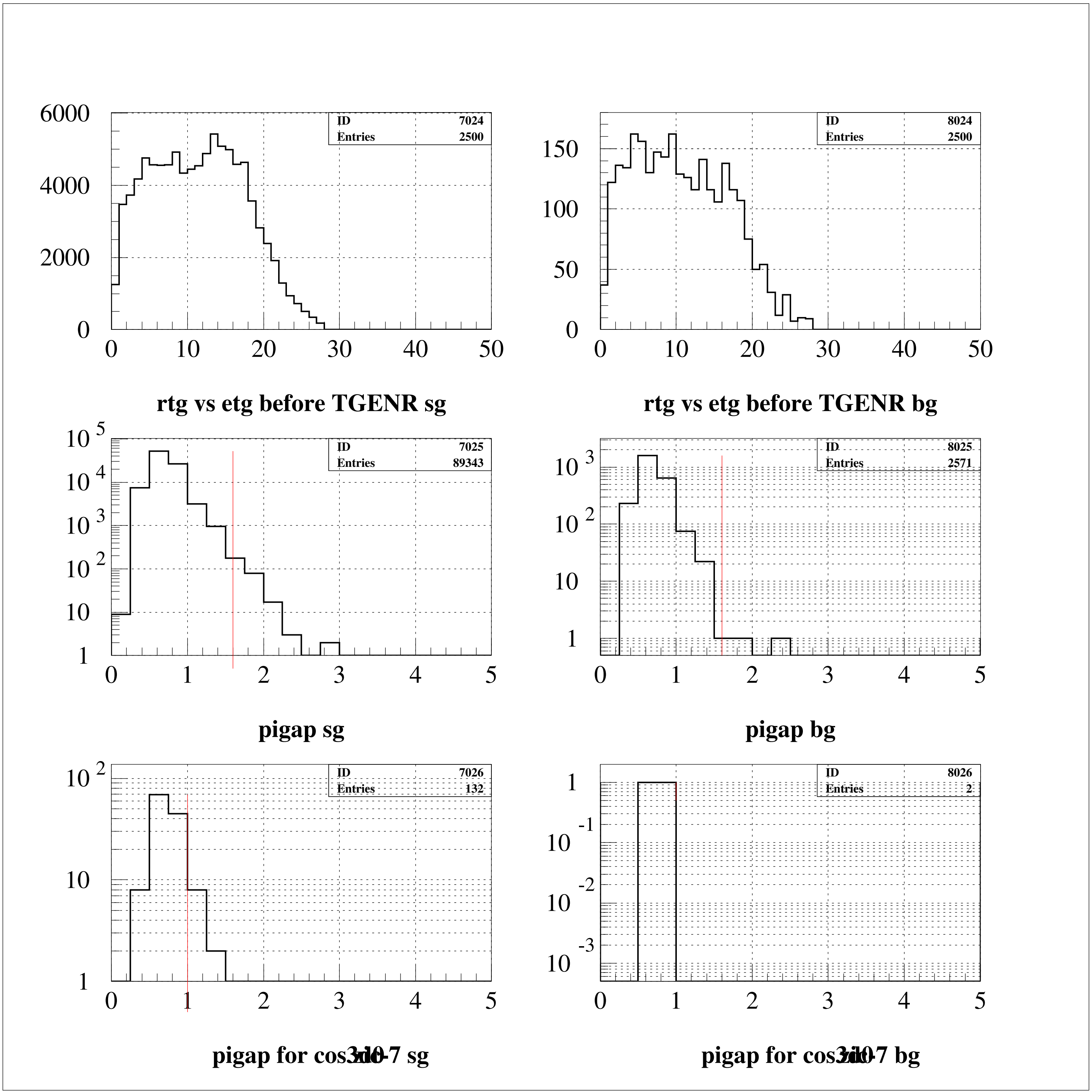
ID 7012
Entries 111125
rtdif_tg sg
ID 8012
Entries 3420
rtdif_tg bg
ID 7013
Entries 109521
(drpmax-drpmin)/rtg sg
ID 8013
Entries 3320
(drpmax-drpmin)/rtg bg
ID 7014
ENTRIES 517837
2tk_tg-trs-b4str vs tk_tg-b4str sg
ID 8014
ENTRIES 14927
2tk_tg-trs-b4str vs tk_tg-b4str bg

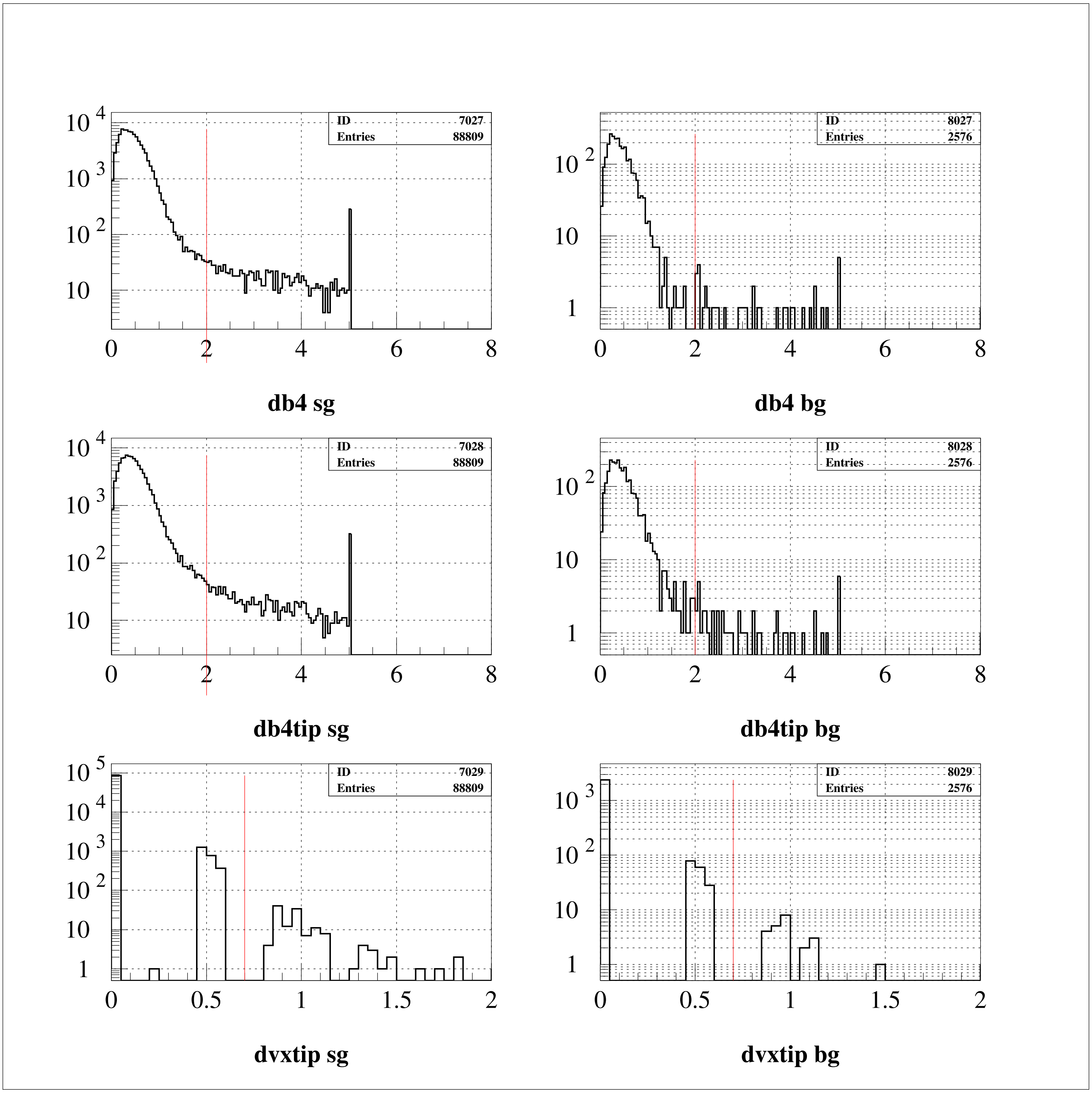


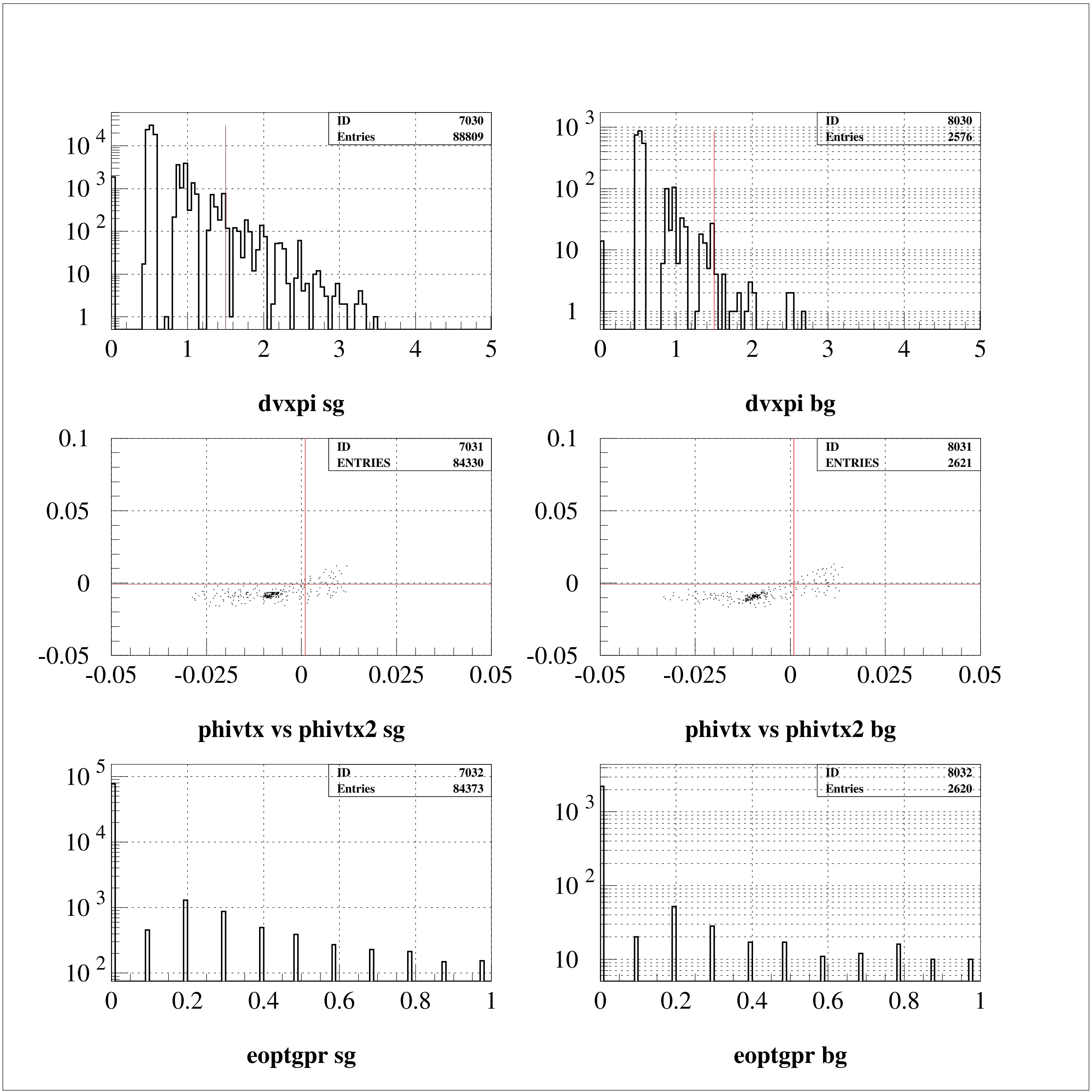
ID 7015
Entries 106398
eic-eicest sg
ID 8015
Entries 3150
eic-eicest bg
ID 7016
Entries 102121
ictime-trs+0.49 sg
ID 8016
Entries 2986
ictime-trs+0.49 bg
ID 7017
ENTRIES 0
tedge_tg-trs+1. vs eedge_tg sg
ID 8017
ENTRIES 4433
tedge_tg-trs+1. vs eedge_tg bg

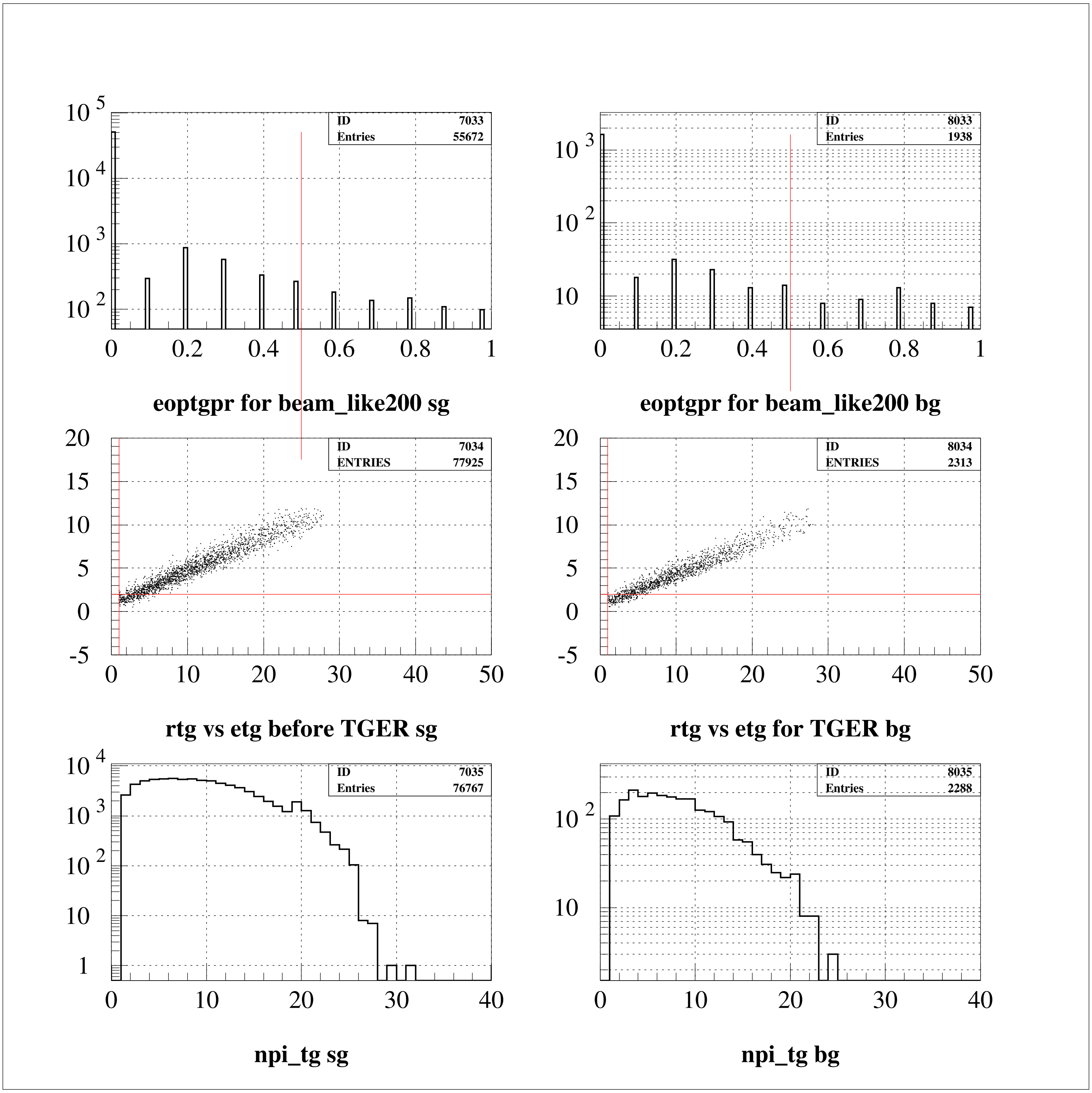

ID 7018
Entries 98937
xeedge(3) sg
ID 8018
Entries 2857
xeedge(3) bg
ID 7019
Entries 98937
xeedgef(1) sg
ID 8019
Entries 2857
xeedgef(1) bg
ID 7020
Entries 98937
xeedgef(3) sg
ID 8020
Entries 2857
xeedgef(3) bg


ID 7021
ENTRIES 95998
rtg vs etg before TGDEDX sg
ID 8021
ENTRIES 2871
rtg vs etg before TGDEDX bg
ID 7022
ENTRIES 95998
28.rtg vs 9.5etg sg
ID 8022
ENTRIES 2871
28.rtg vs 9.5etg bg
ID 7023
ENTRIES 95998
21.5(rtg-2.) vs 10.etg sg
ID 8023
ENTRIES 2871
21.5(rtg-2.) vs 10.etg bg
20
15
10
5
0
-5
0
10
20
30
40
50
400
200
0
0
200
400

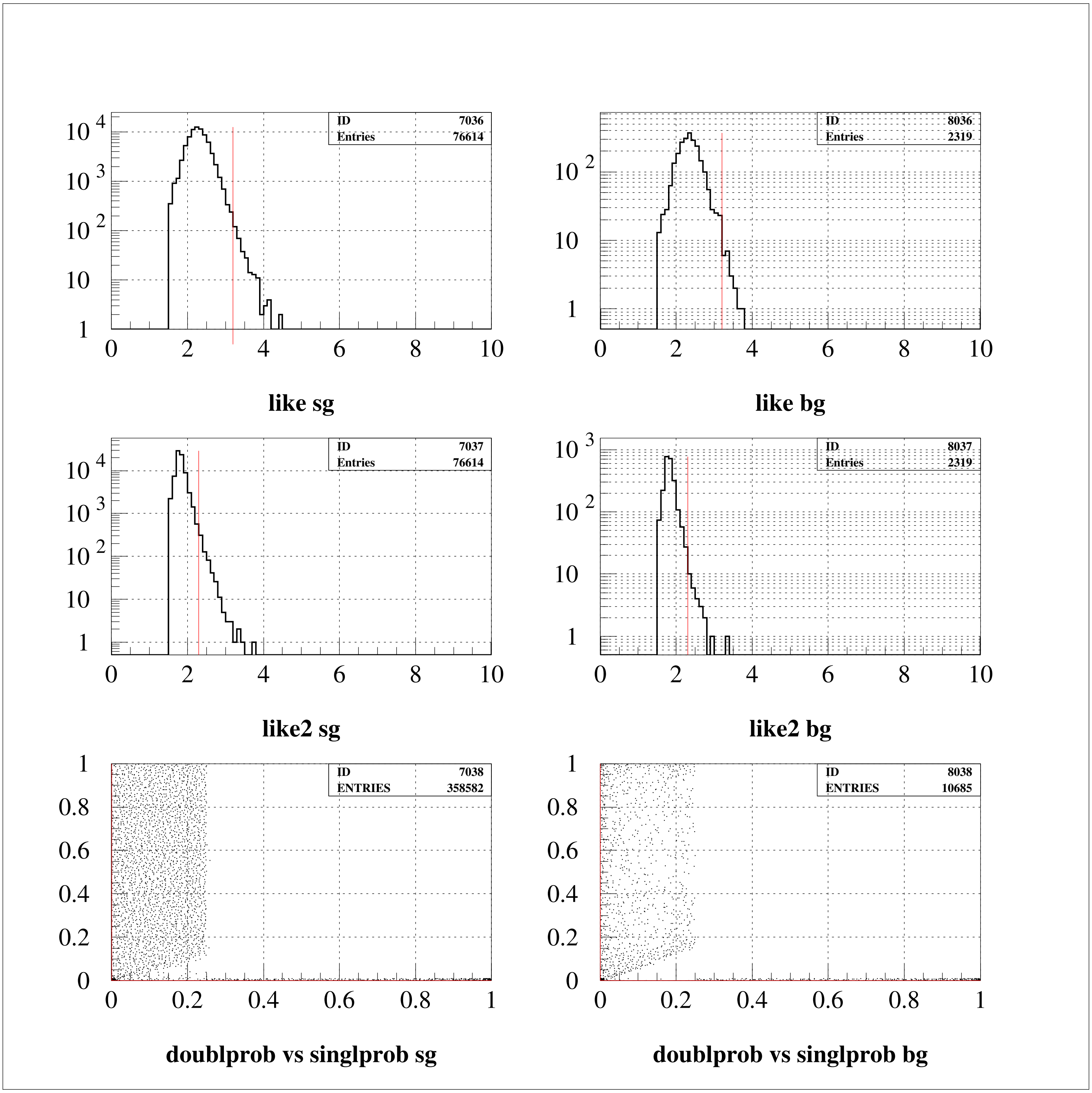

ID 7024
Entries 2500
rtg vs etg before TGENR sg
ID 8024
Entries 2500
rtg vs etg before TGENR bg
ID 7025
Entries 89343
pigap sg
ID 8025
Entries 2571
pigap bg
ID 7026
Entries 132
pigap for cos3d0-7 sg
ID 8026
Entries 2
pigap for cos3d0-7 bg

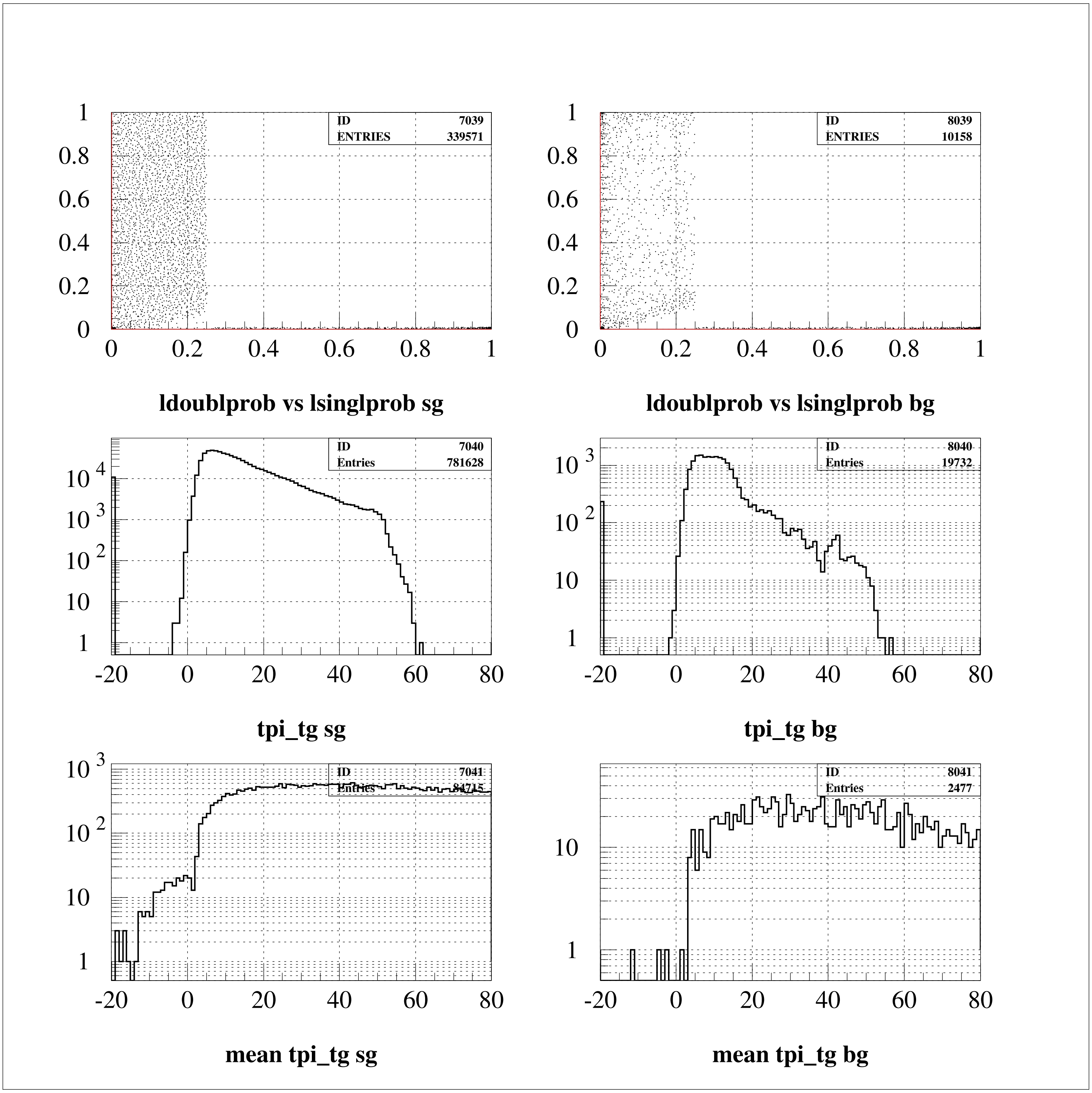

ID 7027
Entries 88809
db4 sg
ID 8027
Entries 2576
db4 bg
ID 7028
Entries 88809
db4tip sg
ID 8028
Entries 2576
db4tip bg
ID 7029
Entries 88809
dvxtip sg
ID 8029
Entries 2576
dvxtip bg


ID 7030
Entries 88809
dvxpi sg
ID 8030
Entries 2576
dvxpi bg
ID 7031
ENTRIES 84330
phivtx vs phivtx2 sg
ID 8031
ENTRIES 2621
phivtx vs phivtx2 bg
ID 7032
Entries 84373
eoptgpr sg
ID 8032
Entries 2620
eoptgpr bg

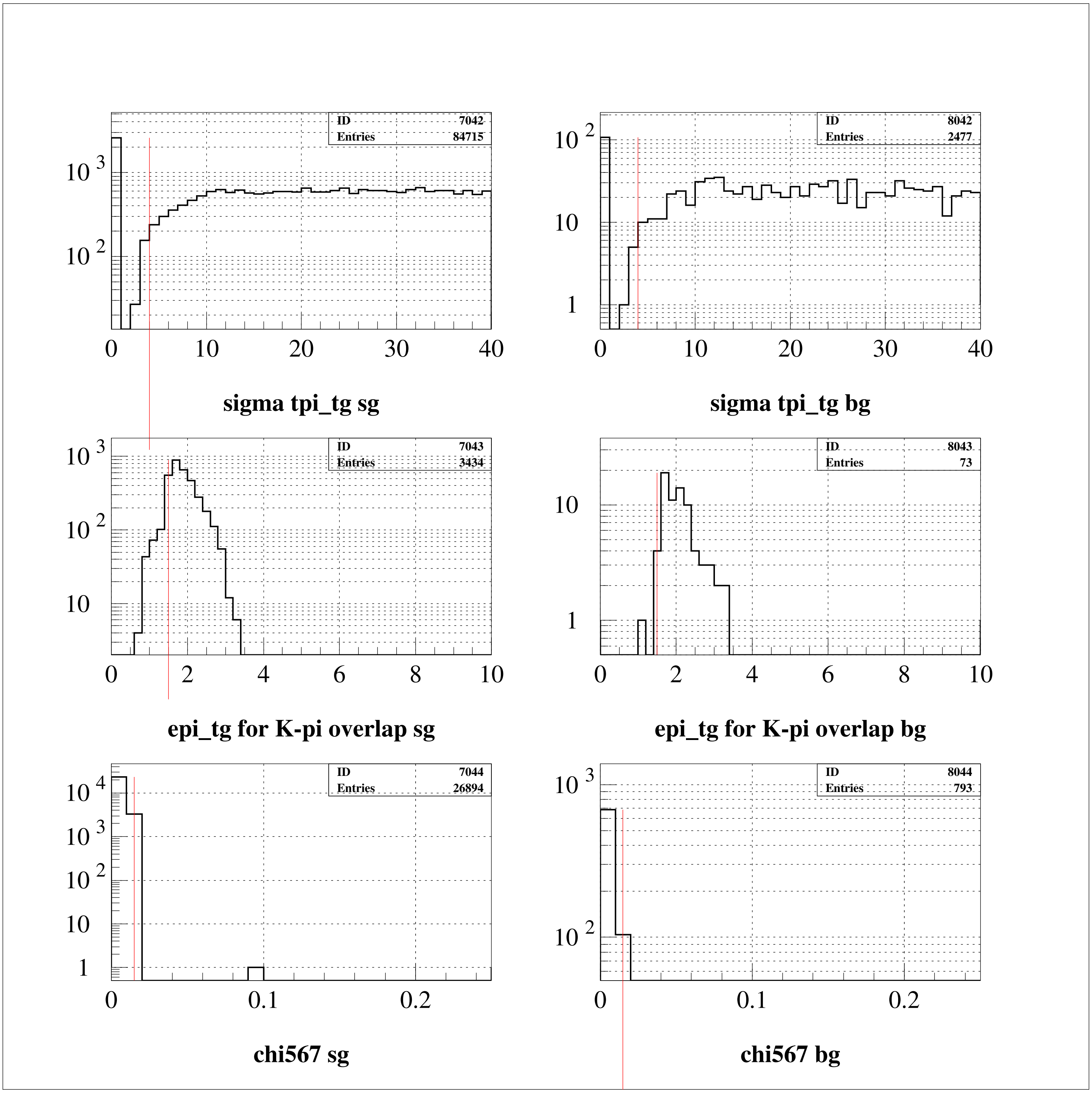


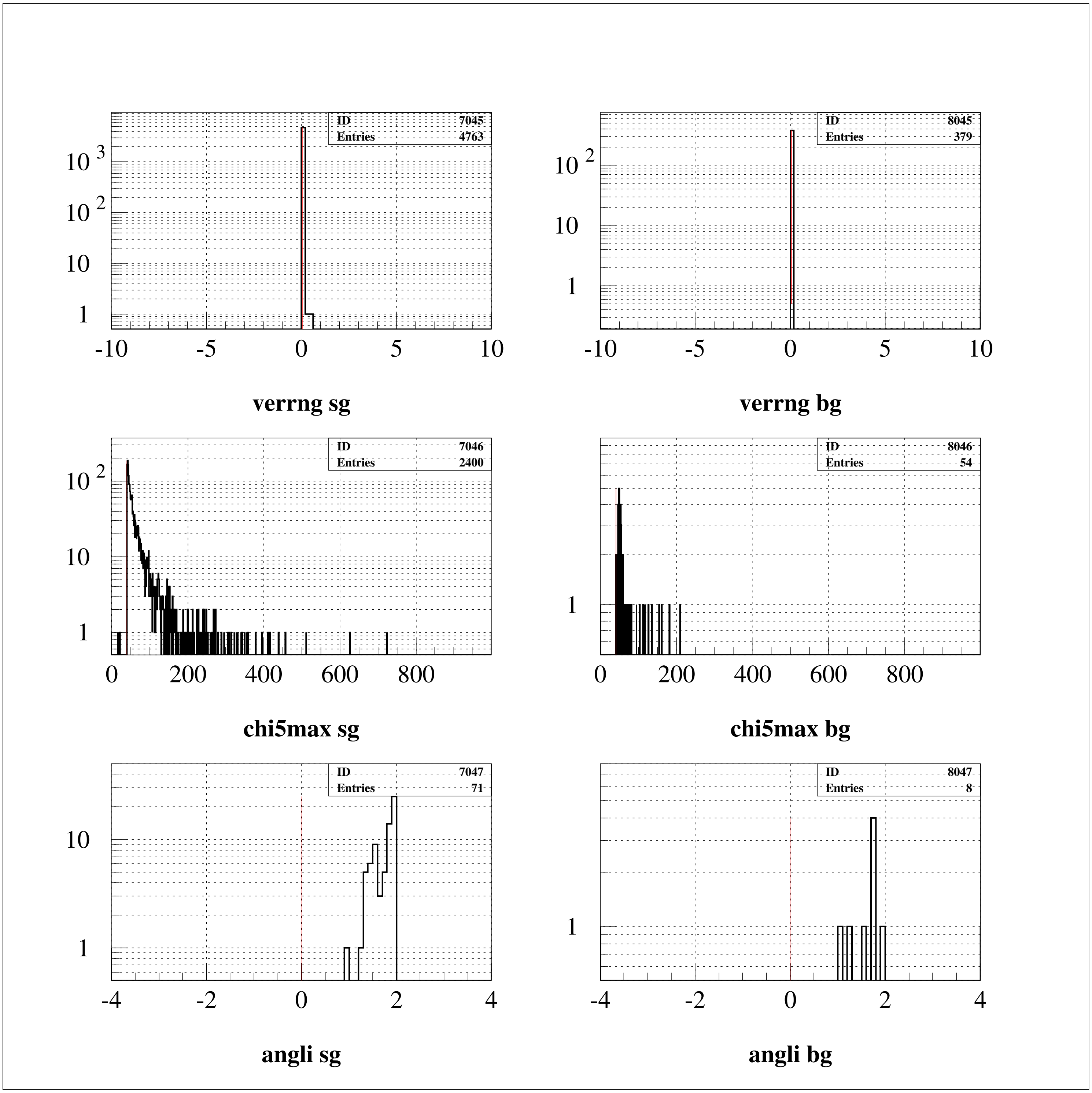
ID 7033
Entries 55672
eoptgpr for beam_like200 sg
ID 8033
Entries 1938
eoptgpr for beam_like200 bg
ID 7034
ENTRIES 77925
rtg vs etg before TGER sg
ID 8034
ENTRIES 2313
rtg vs etg for TGER bg
ID 7035
Entries 76767
npi_tg sg
ID 8035
Entries 2288
npi_tg bg

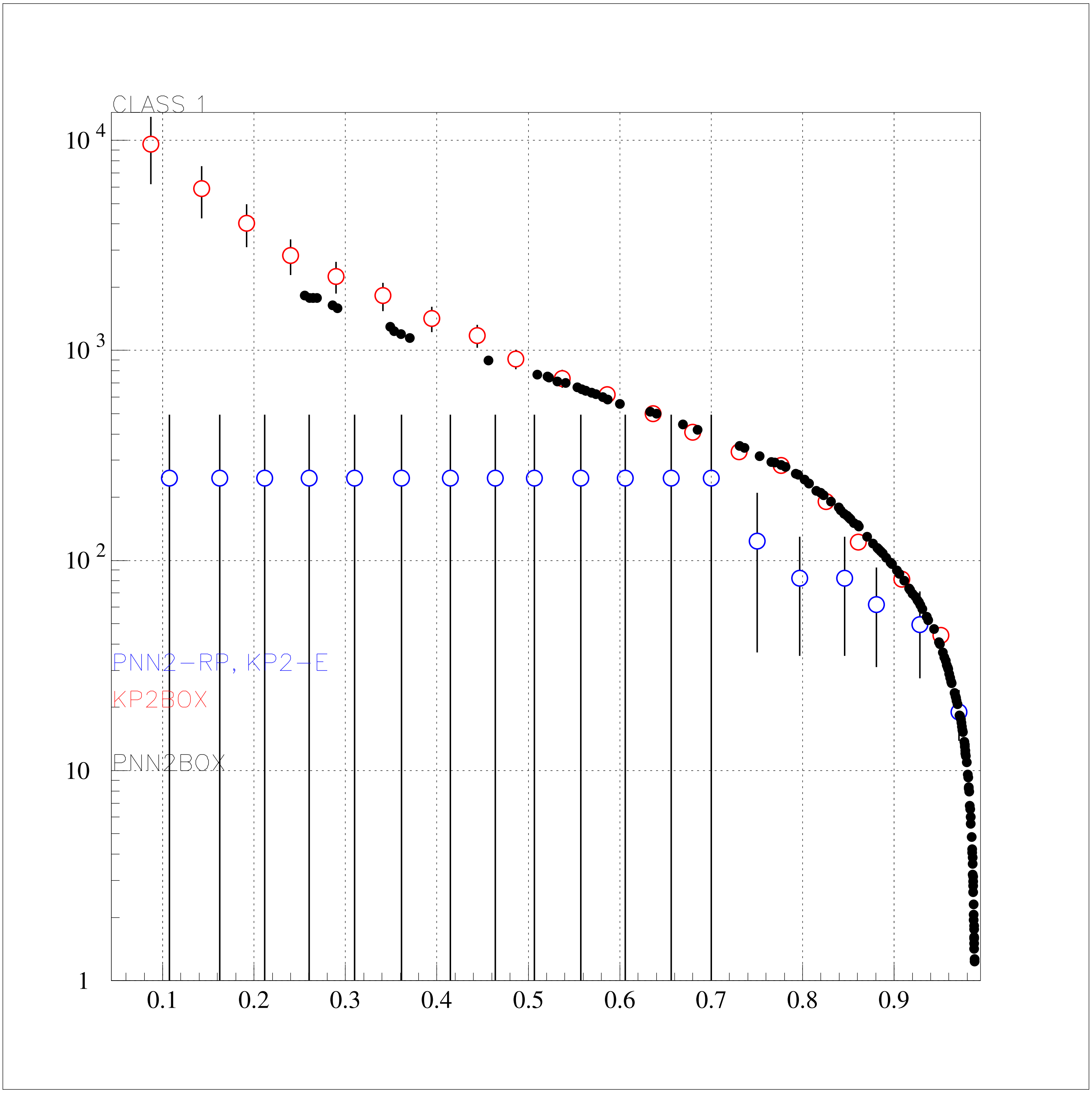

ID 7036
Entries 76614
like sg
ID 8036
Entries 2319
like bg
ID 7037
Entries 76614
like2 sg
ID 8037
Entries 2319
like2 bg
ID 7038
ENTRIES 358582
doublprob vs singlprob sg
ID 8038
ENTRIES 10685
doublprob vs singlprob bg

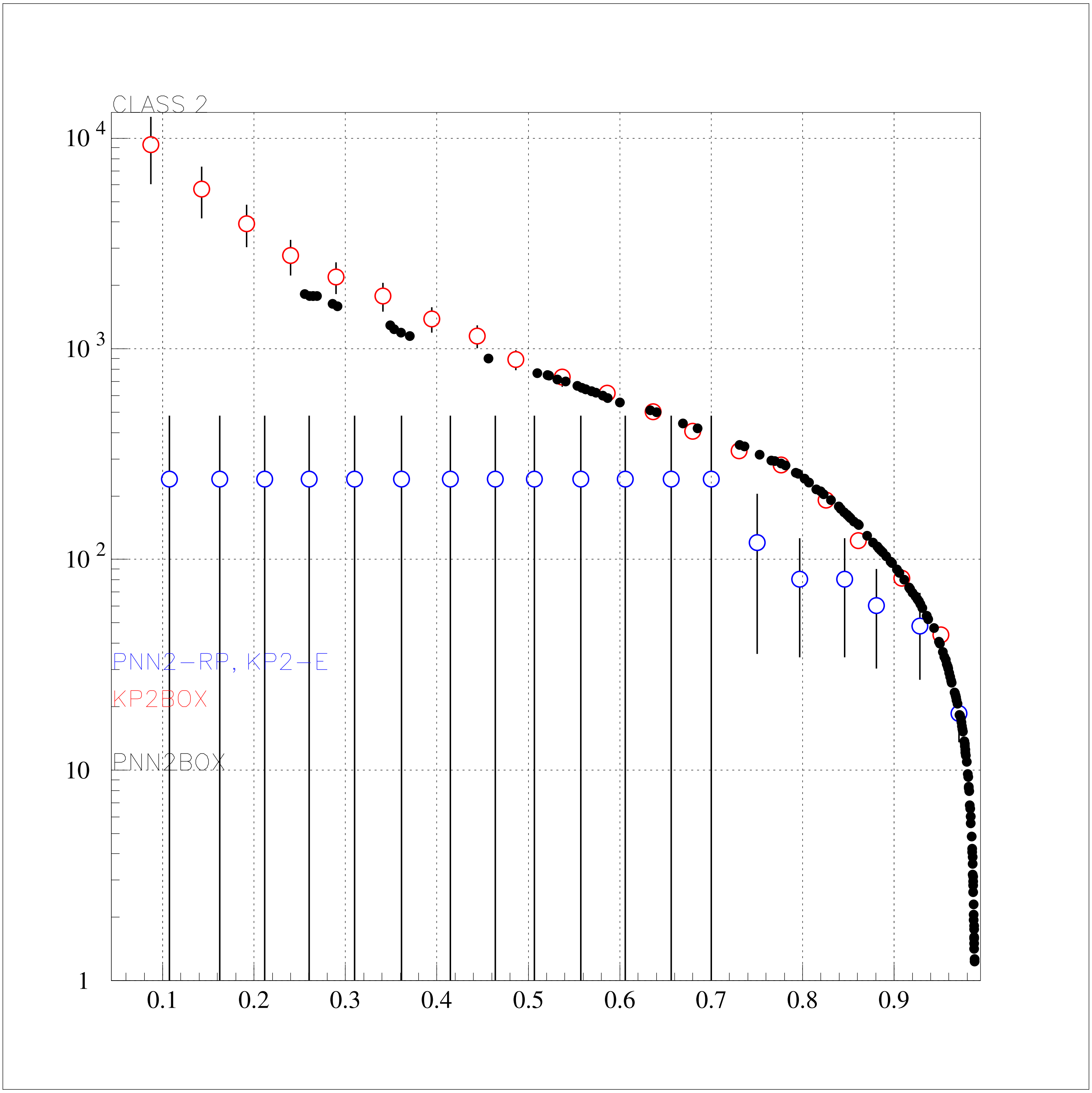


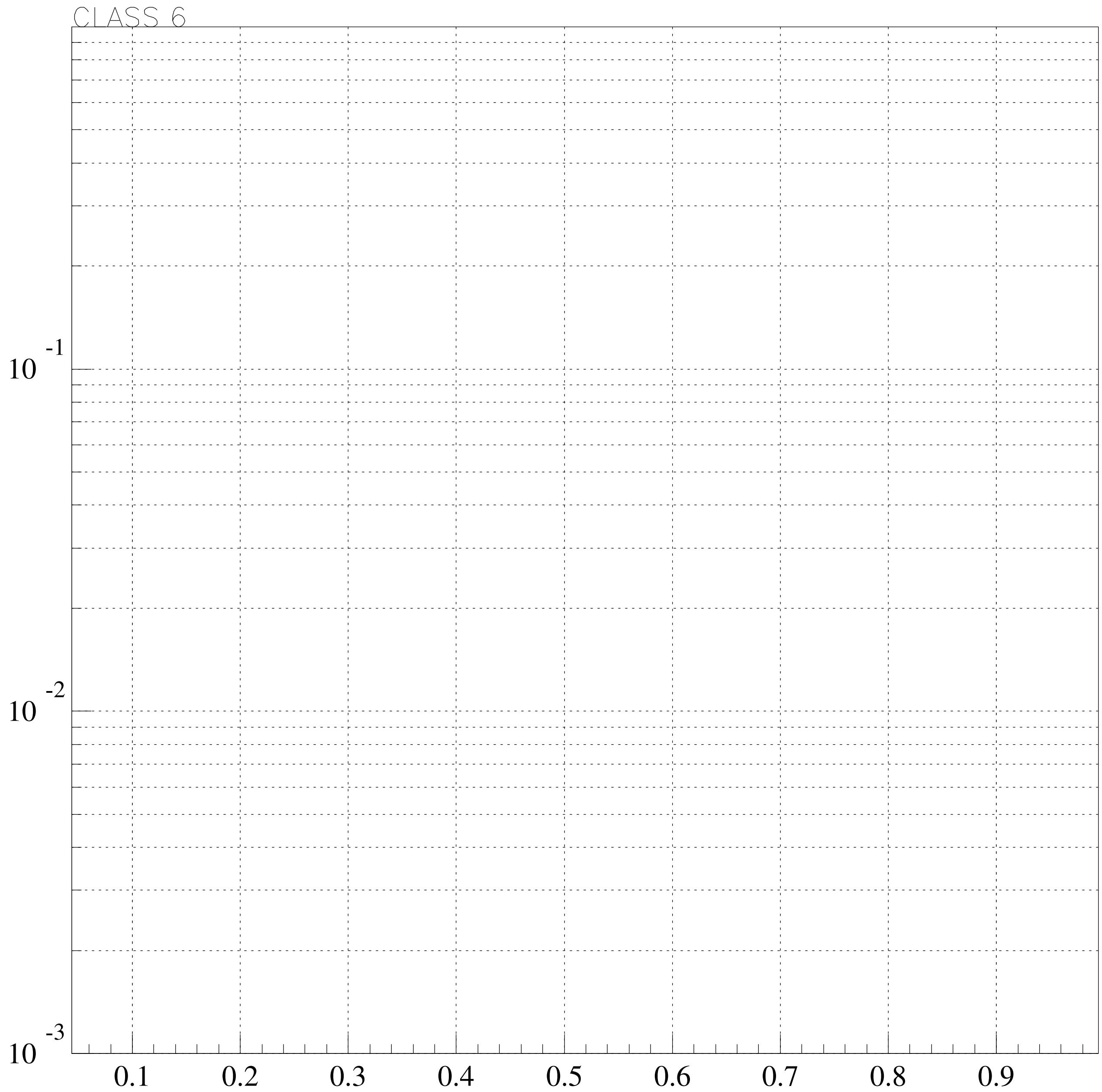
ID 7039
ENTRIES 339571
ldoublprob vs lsinglprob sg
ID 8039
ENTRIES 10158
ldoublprob vs lsinglprob bg
ID 7040
Entries 781628
tpi_tg sg
ID 8040
Entries 19732
tpi_tg bg
ID 7041
Entries 84715
mean tpi_tg sg
ID 8041
Entries 2477
mean tpi_tg bg


ID 7042
Entries 84715
sigma tpi_tg sg
ID 8042
Entries 2477
sigma tpi_tg bg
ID 7043
Entries 3434
epi_tg for K-pi overlap sg
ID 8043
Entries 73
epi_tg for K-pi overlap bg
ID 7044
Entries 26894
chi567 sg
ID 8044
Entries 793
chi567 bg

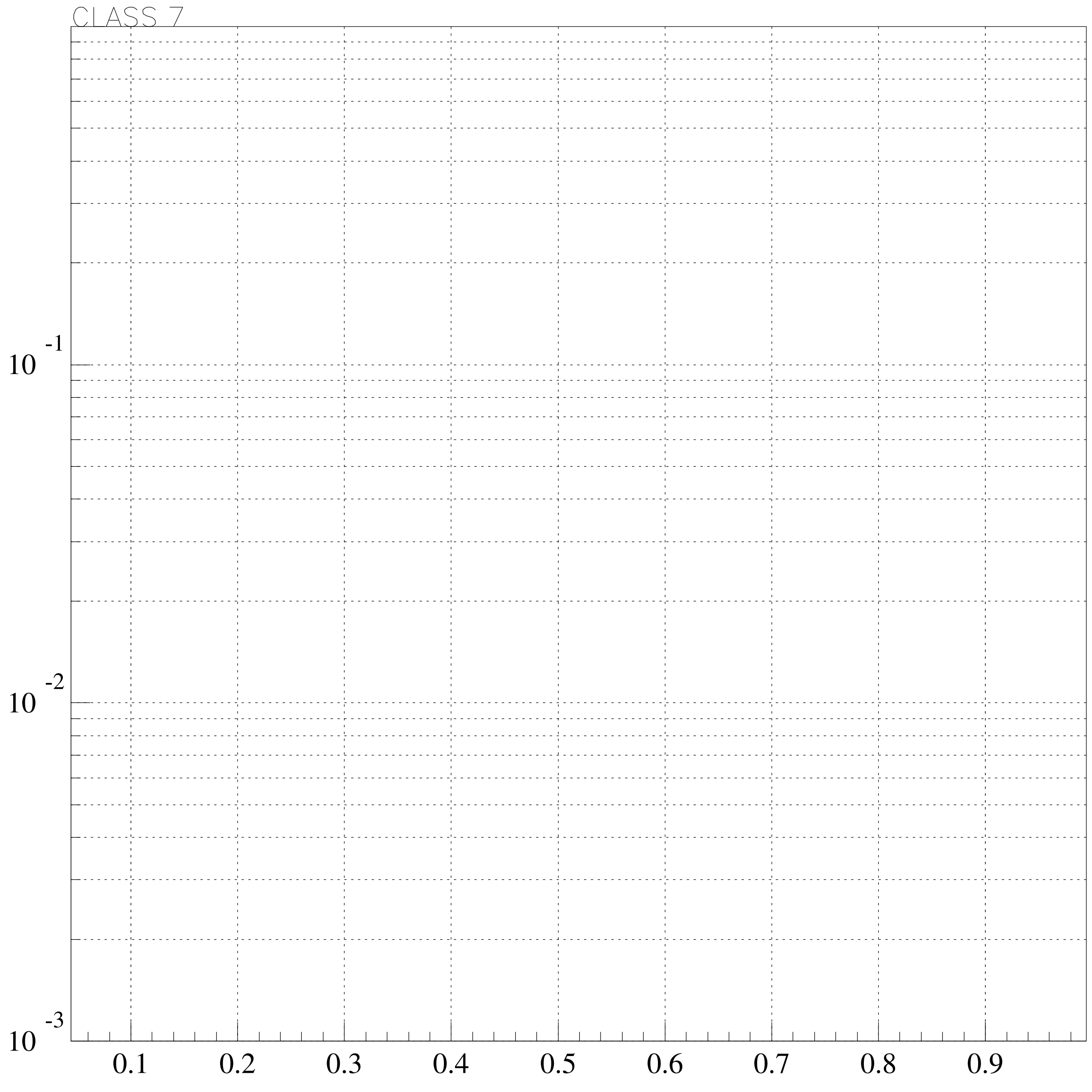

ID 7045
Entries 4763
verrng sg
ID 8045
Entries 379
verrng bg
ID 7046
Entries 2400
chi5max sg
ID 8046
Entries 54
chi5max bg
ID 7047
Entries 71
angli sg
ID 8047
Entries 8
angli bg

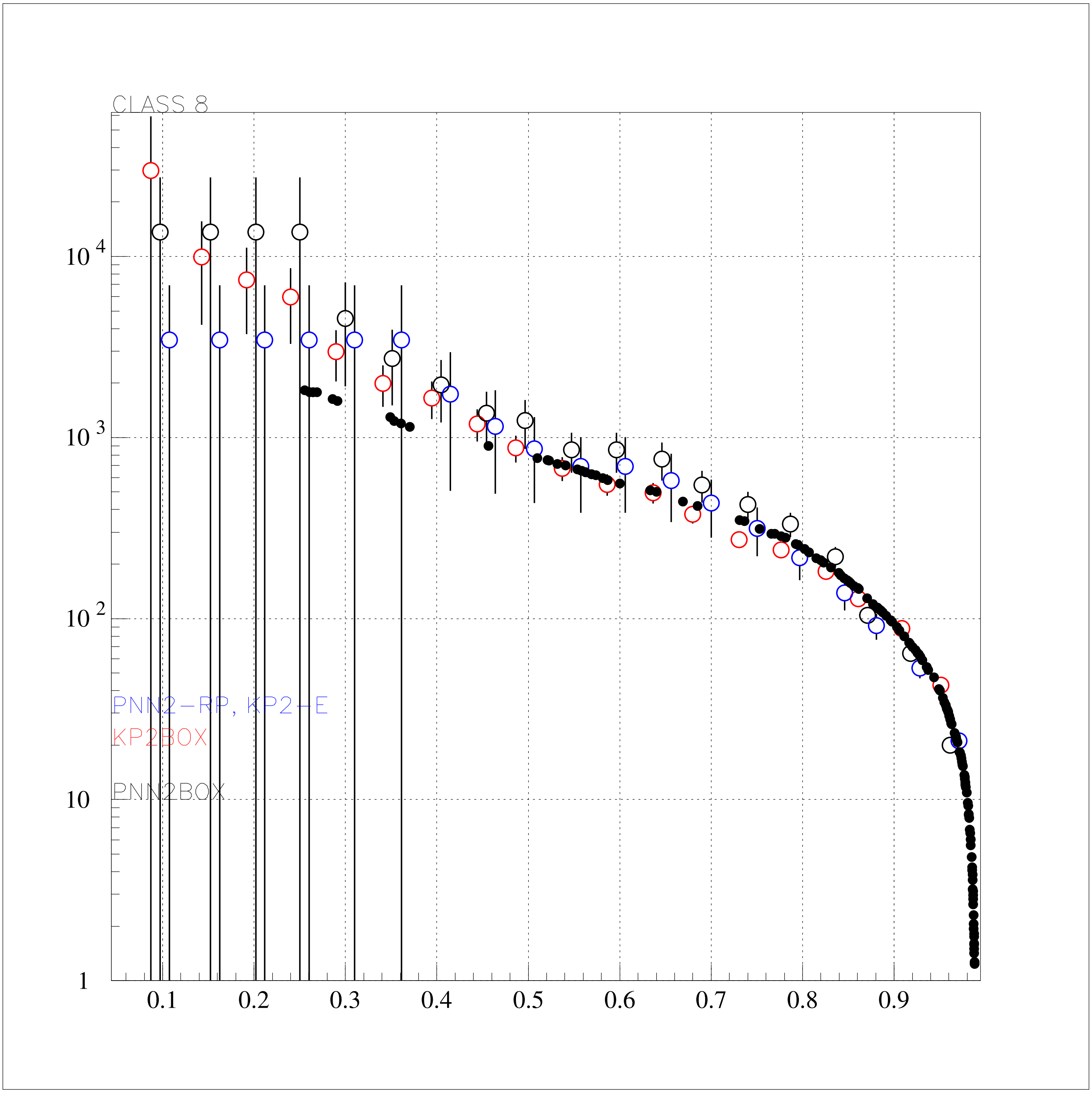

CLASS 1
10 4
10 3
10 2
10
1
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
PNN2−RP, KP2−E
KP2BOX
PNN2BOX

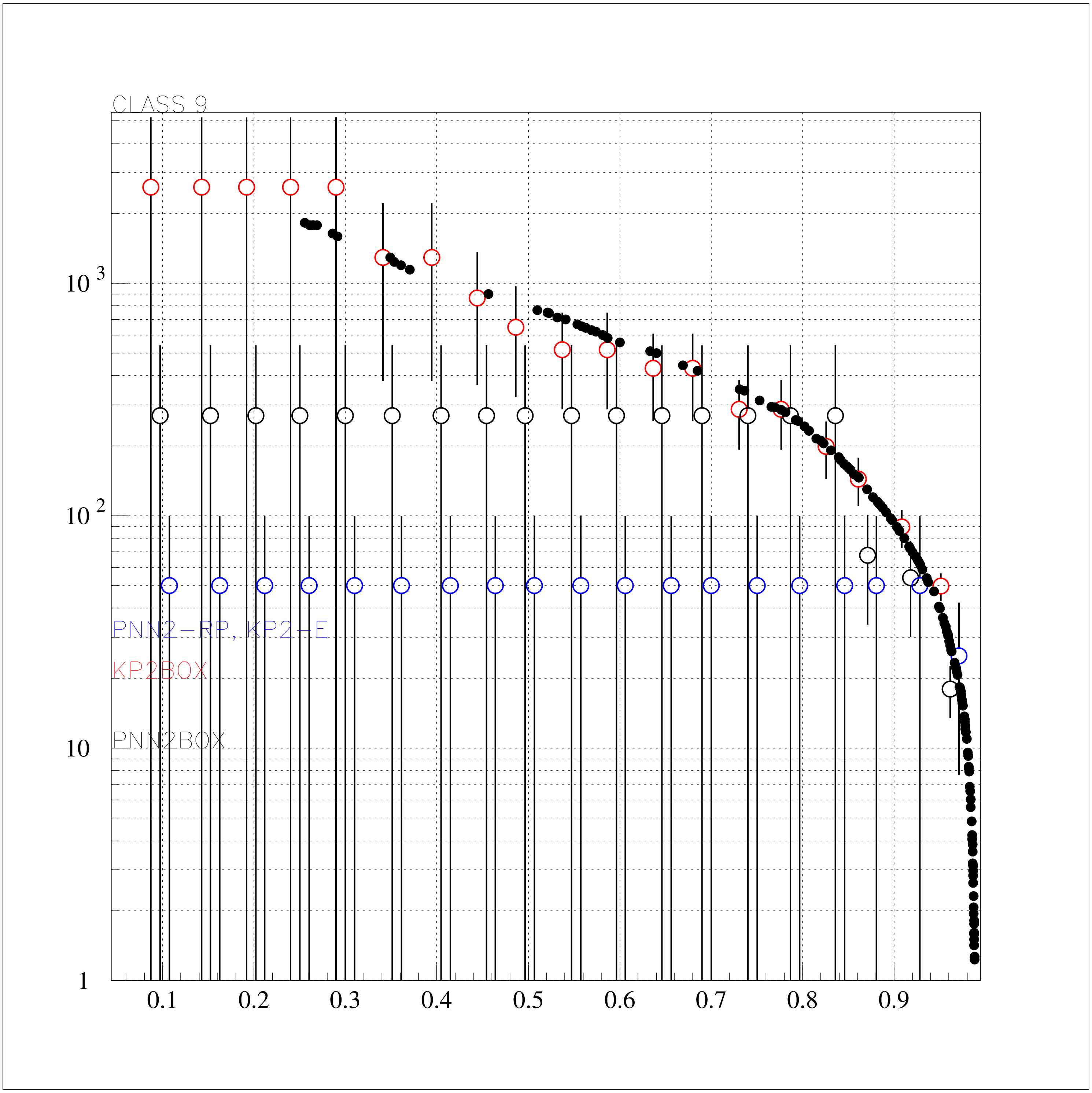

CLASS 2
10^4
10^3
10^2
10
1
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
PNN2−RP, KP2−E
KP2BOX
PNN2BOX

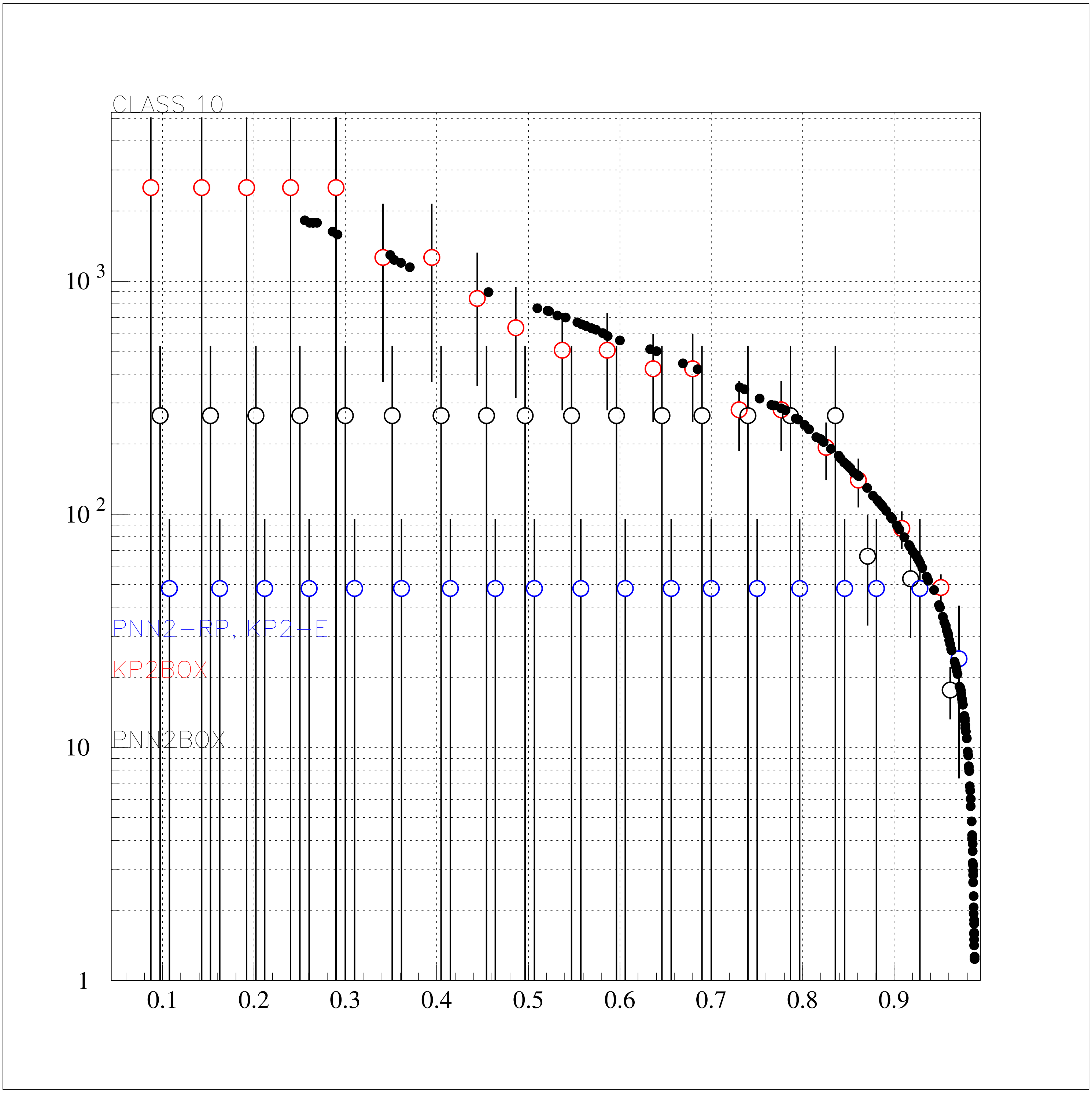


CLASS 6
10 -1
10 -2
10 -3
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9

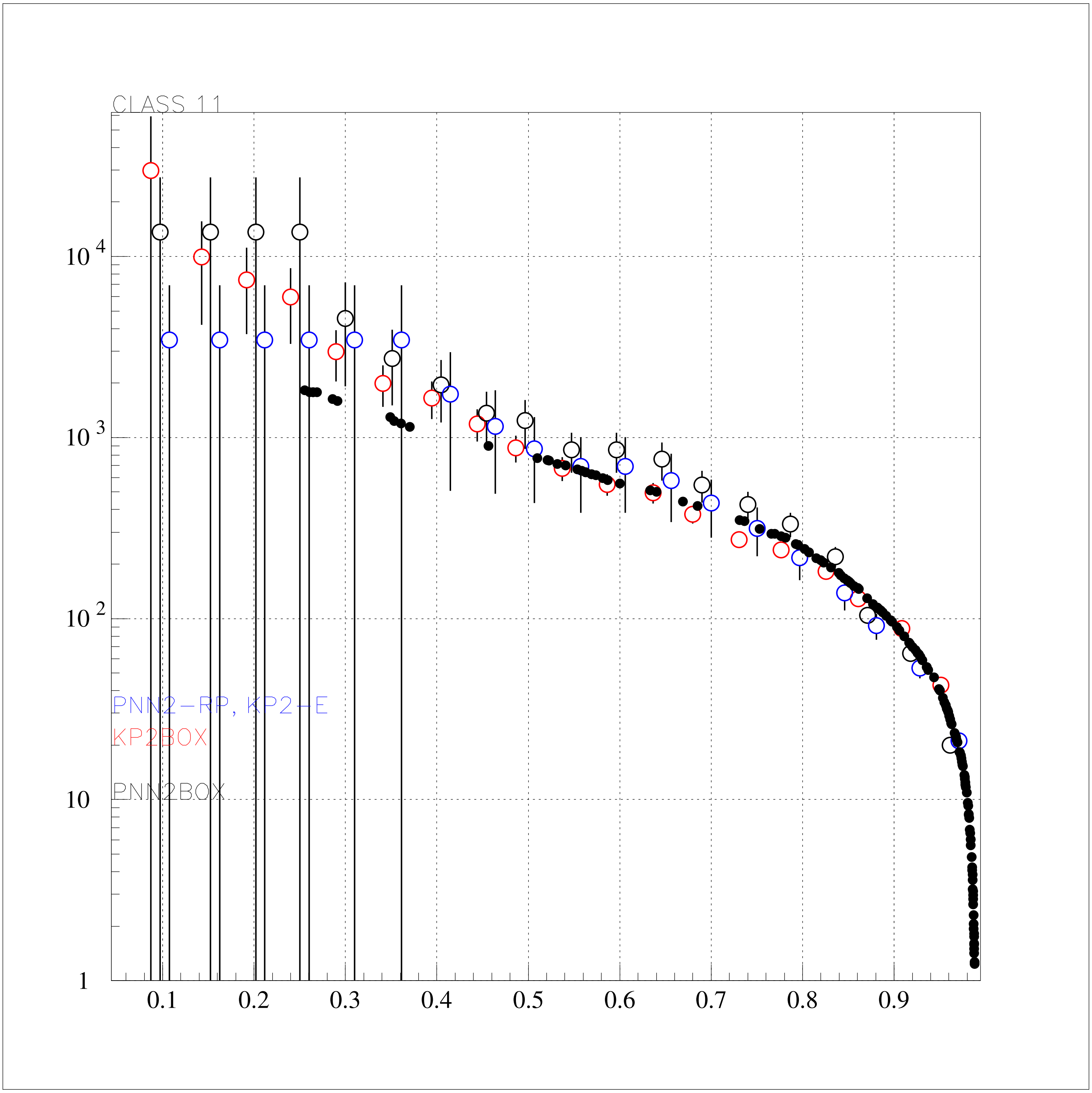

CLASS 7
10^{-1}
10^{-2}
10^{-3}
0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9

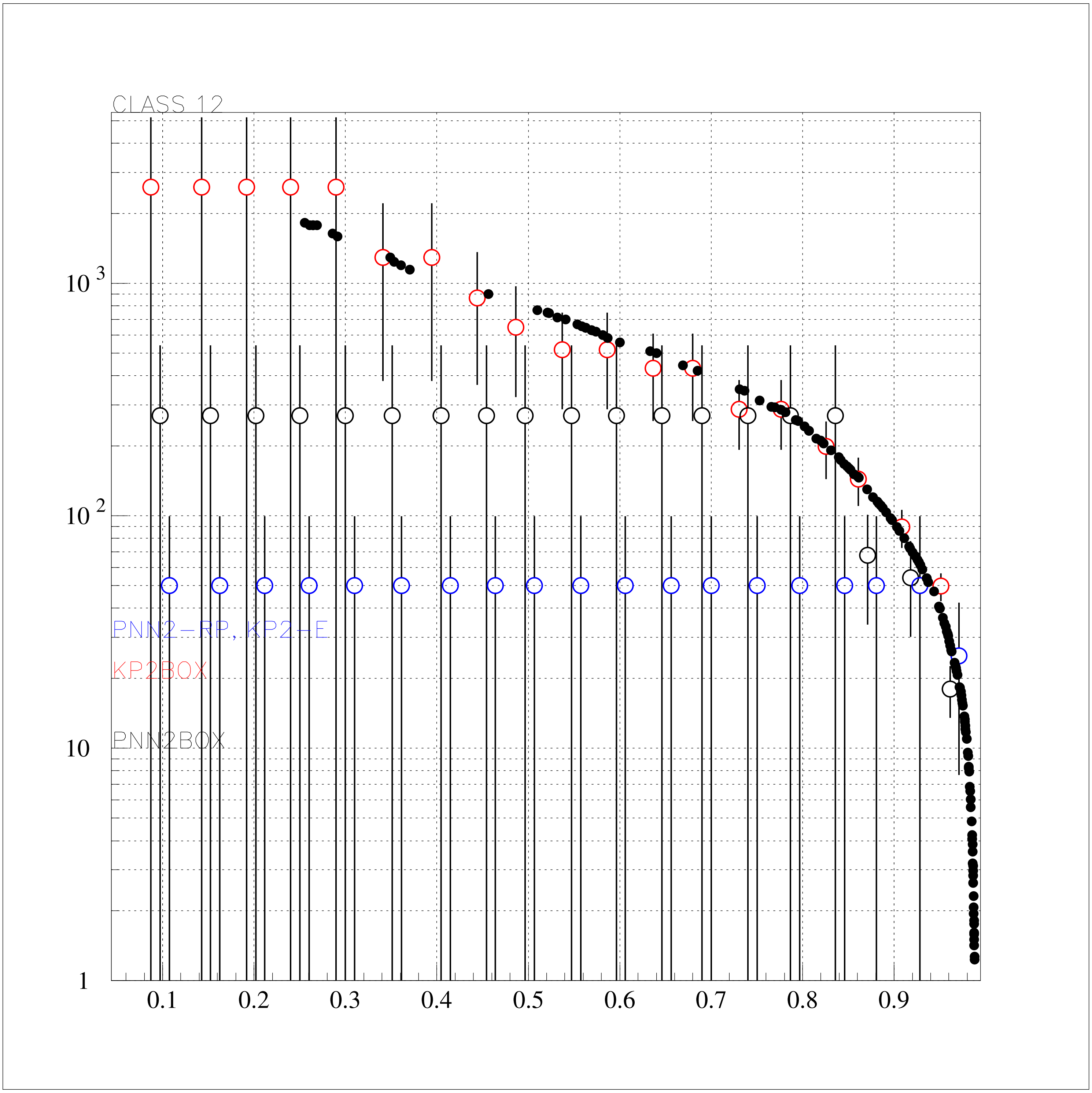

CLASS 8
PNN2-RP, KP2-E
KP2BOX
PNN2BOX
10^4
10^3
10^2
10
1
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9

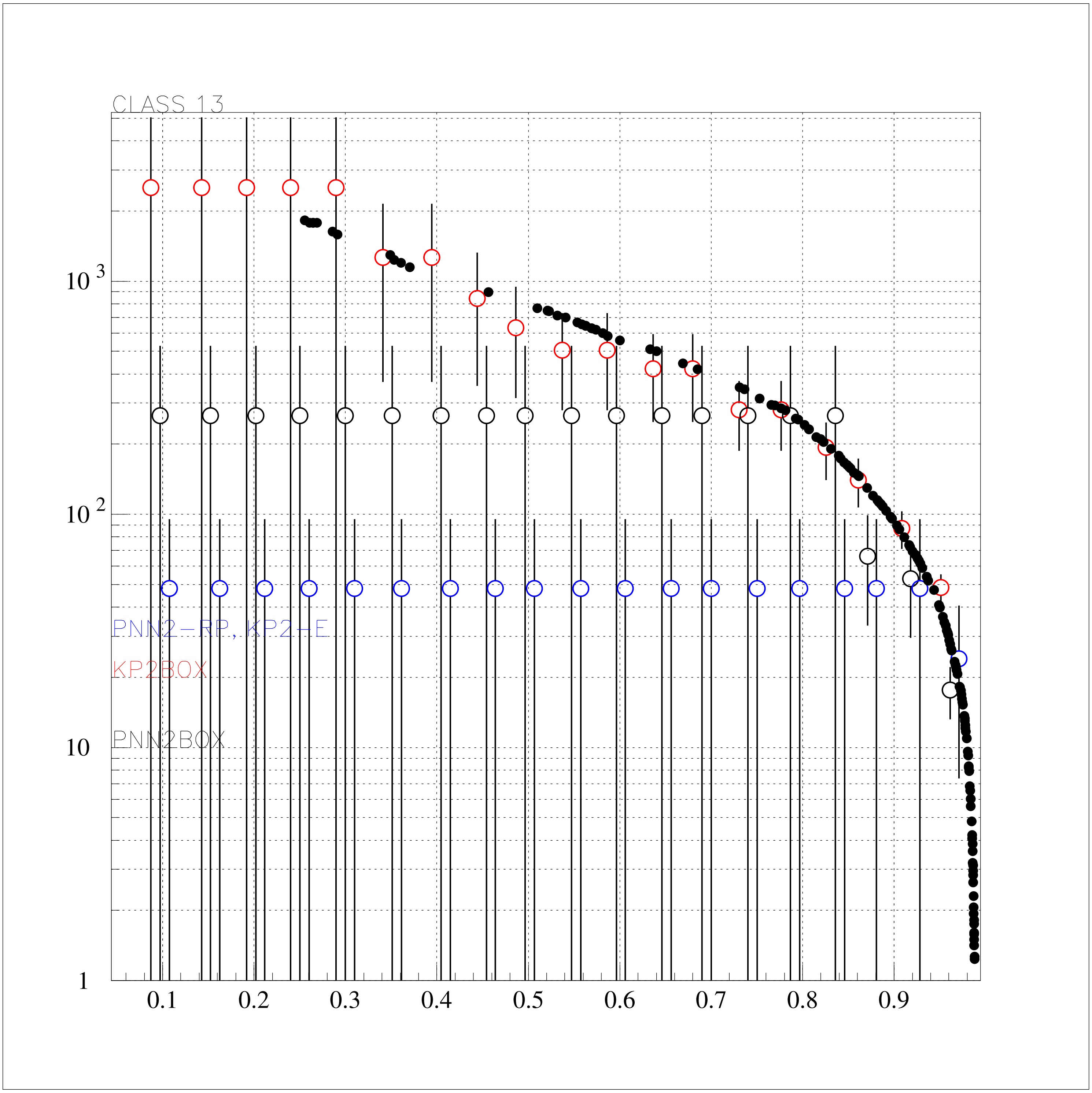

CLASS 9
PNN2−RP, KP2−E
KP2BOX
PNN2BOX
10 3
10 2
10
1
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9



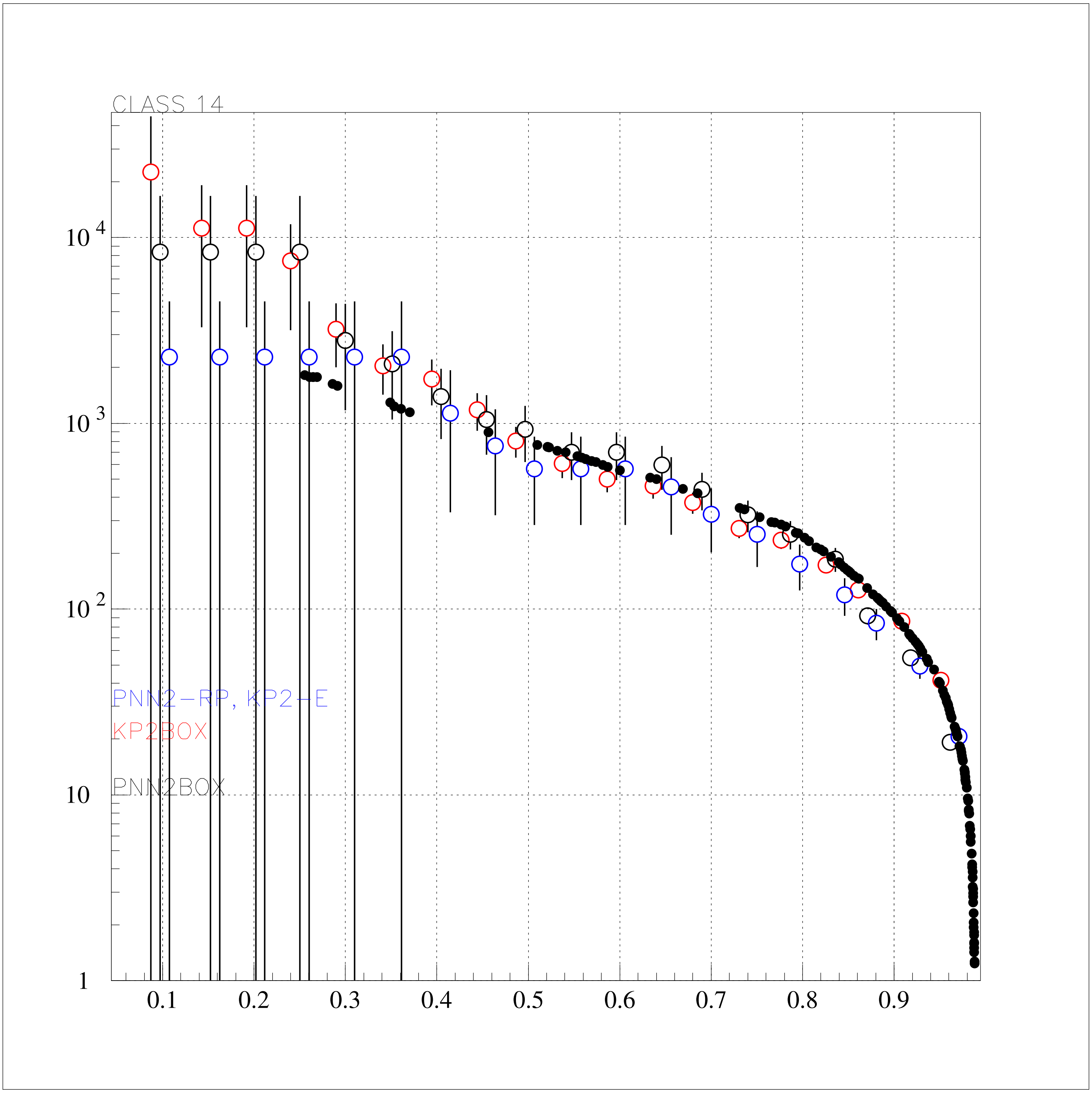
CLASS 10
10^3
10^2
10
1
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
PNN2−RP, KP2−E
KP2BOX
PNN2BOX


CLASS 11
PNN2-RP, KP2-E
KP2BOX
PNN2BOX
10^4
10^3
10^2
10
1
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9

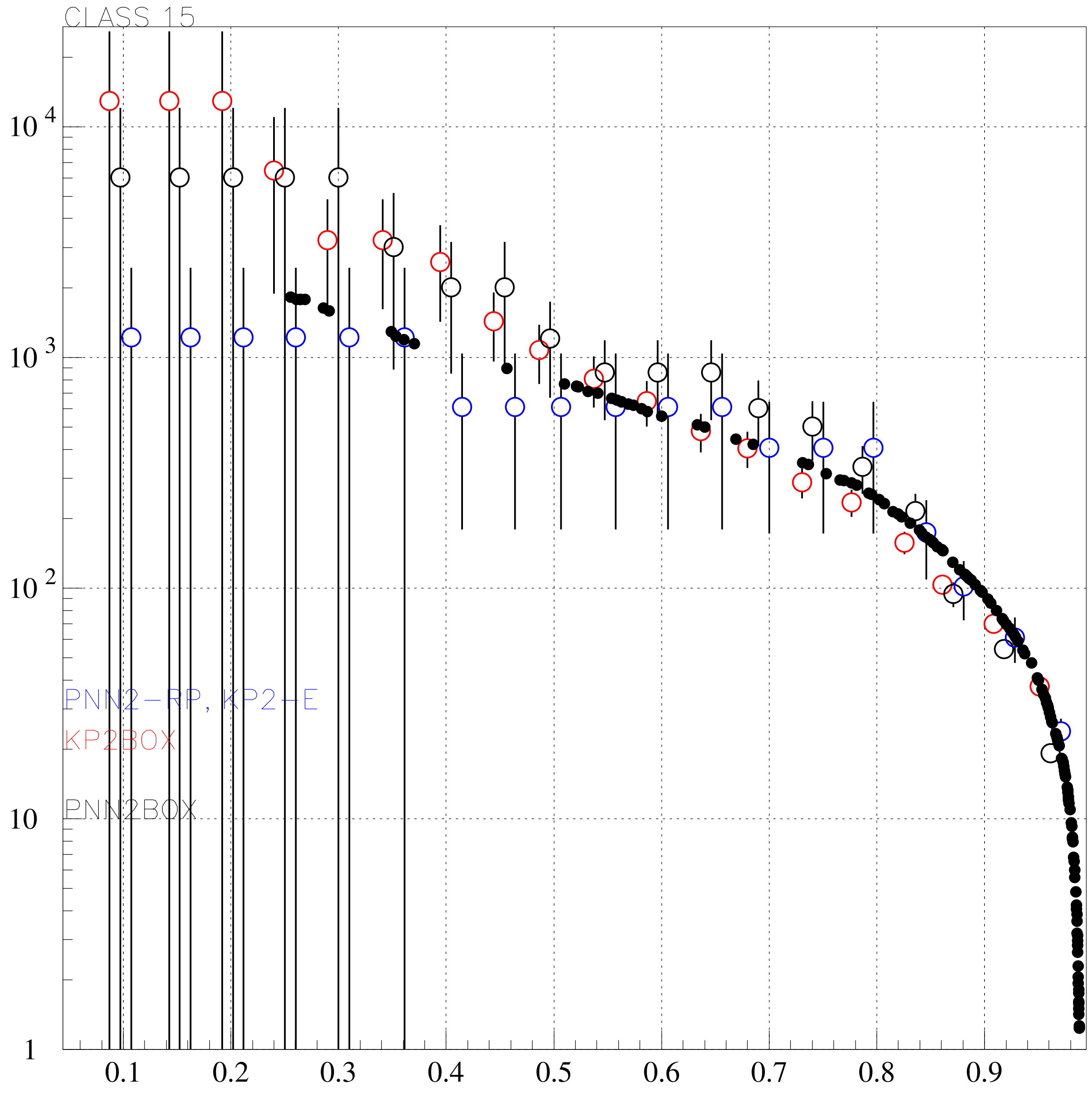

CLASS 12
PNN2−RP, KP2−E
KP2BOX
PNN2BOX
10 3
10 2
10
1
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9



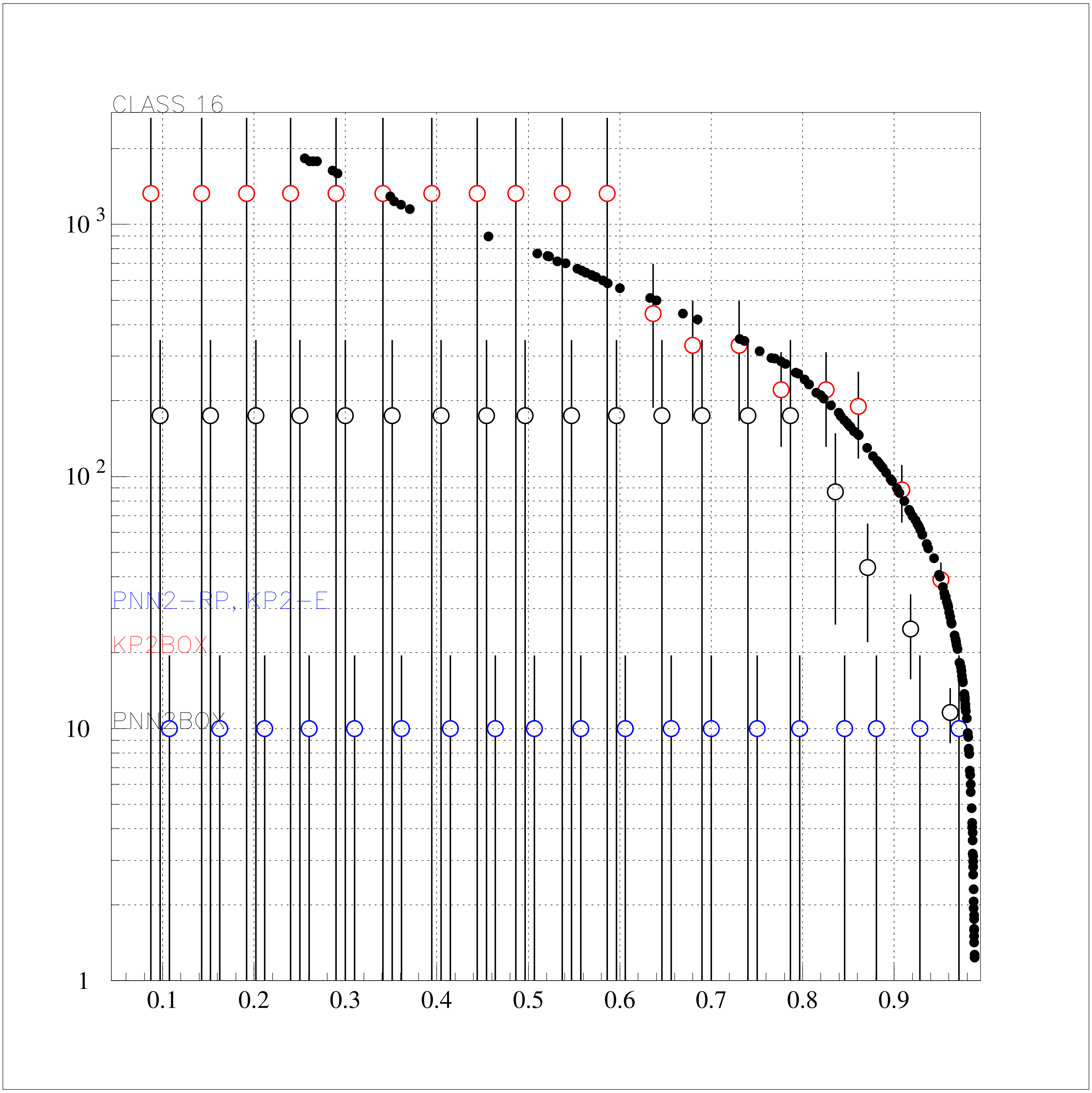
CLASS 13
PNN2−RP, KP2−E
KP2BOX
PNN2BOX
10 3
10 2
10
1
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9

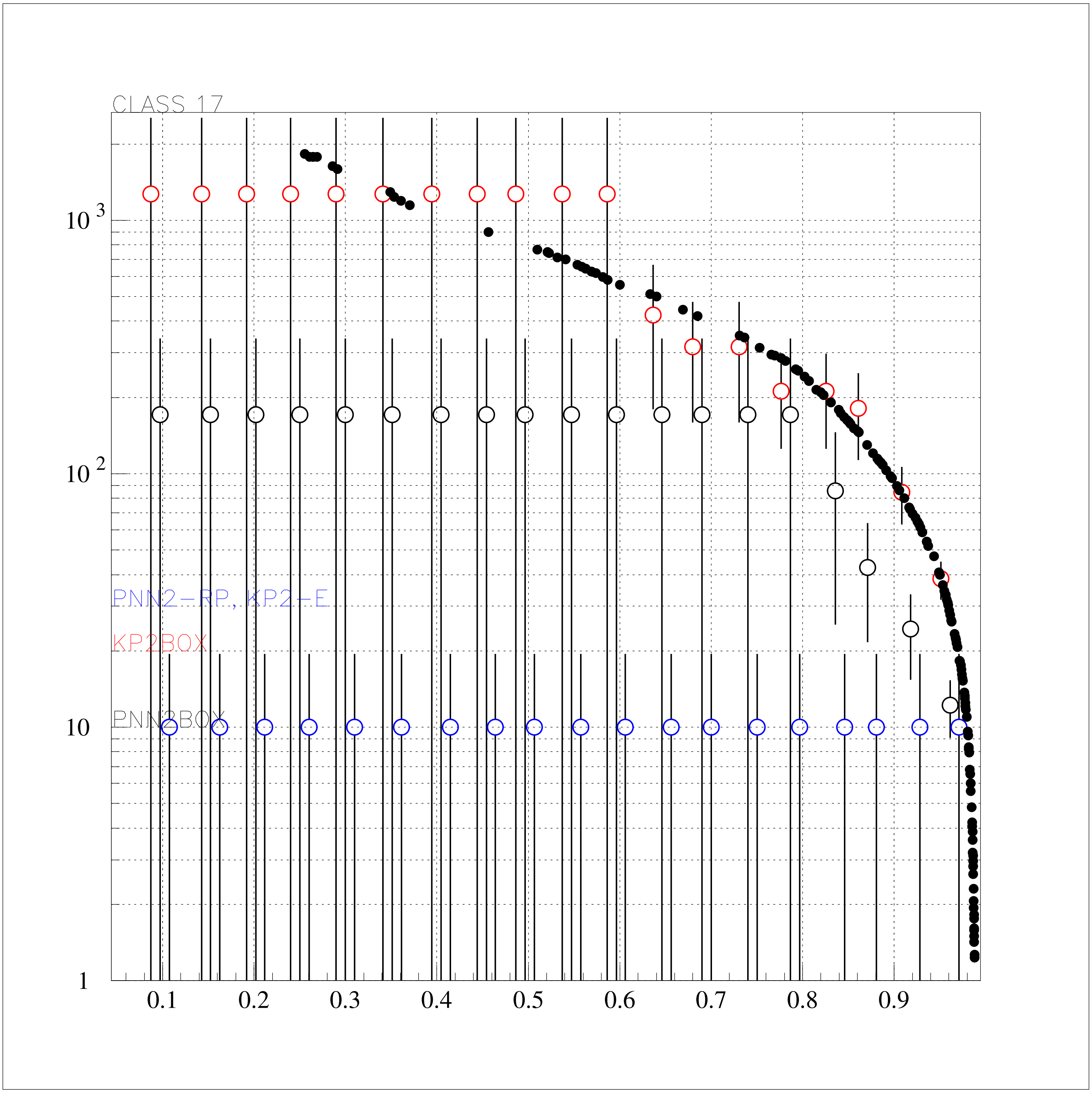


CLASS 14
PNN2-RP, KP2-E
KP2BOX
PNN2BOX
10^4
10^3
10^2
10
1
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9



CLASS 15
PNN2-RP, KP2-E
KP2BOX
PNN2BOX


CLASS 16
PNN2-RP, KP2-E
KP2BOX
PNN2BOX
10³
10²
10
1
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9



CLASS 17
PNN2-RP, KP2-E
KP2BOX
PNN2BOX