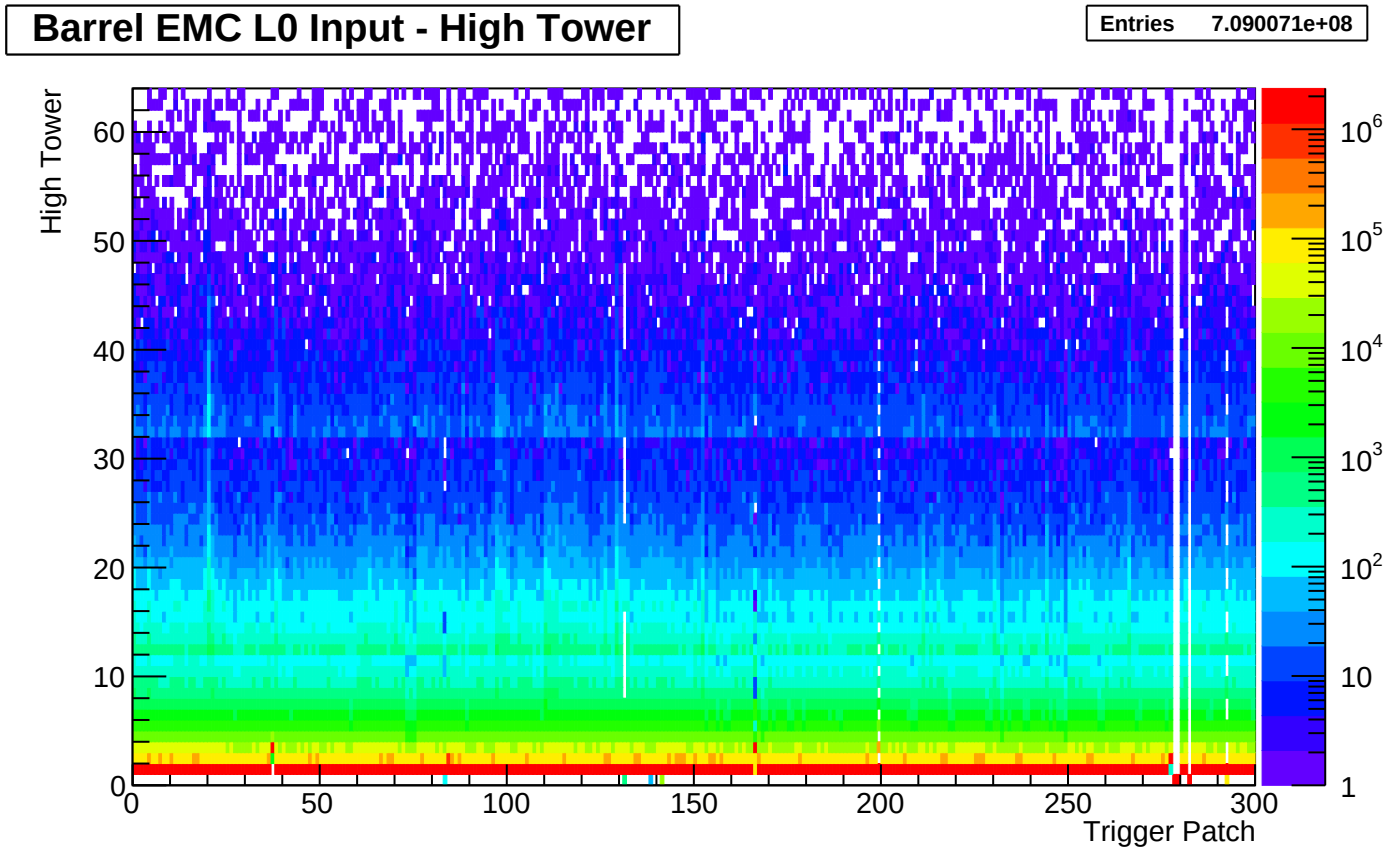
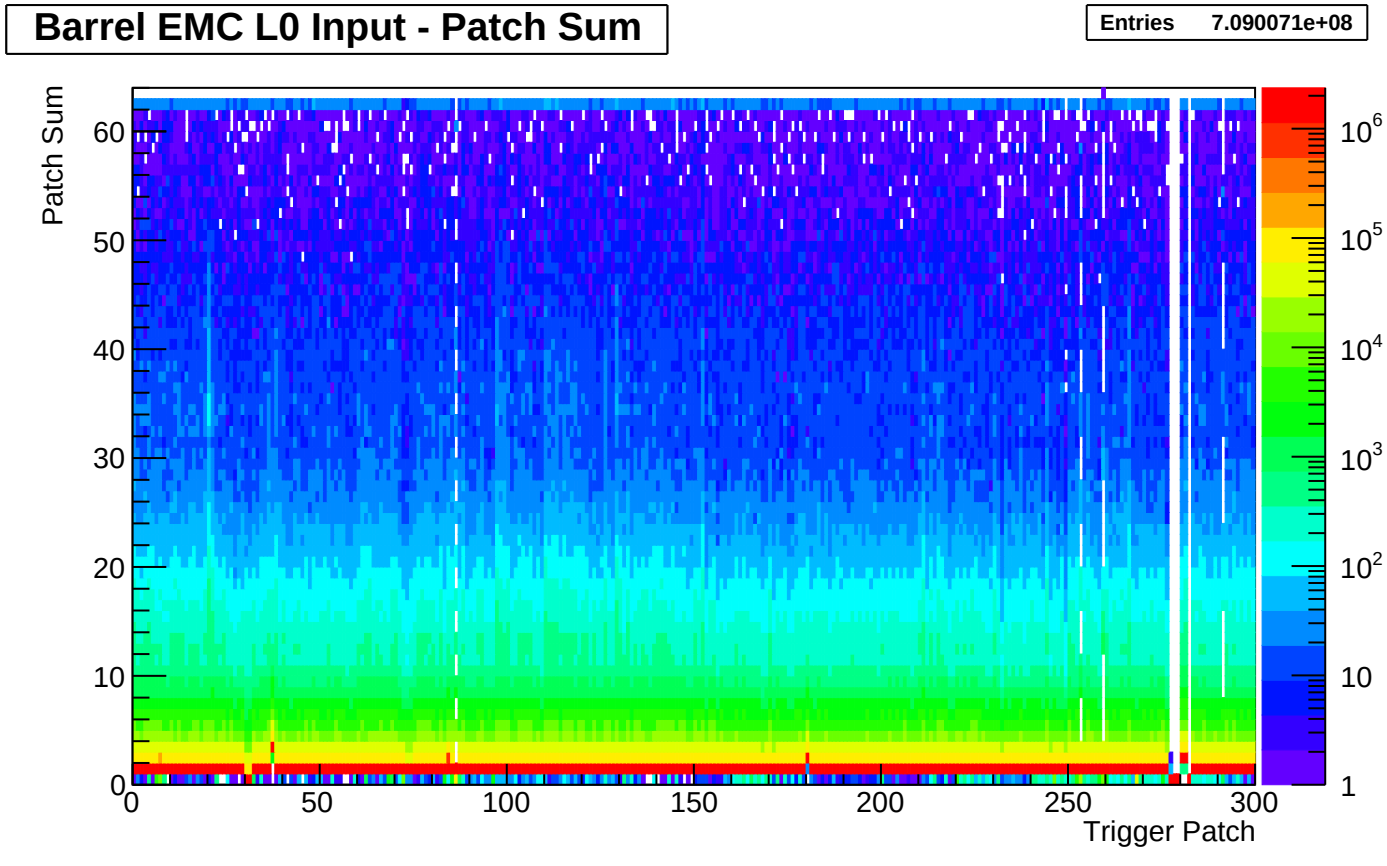
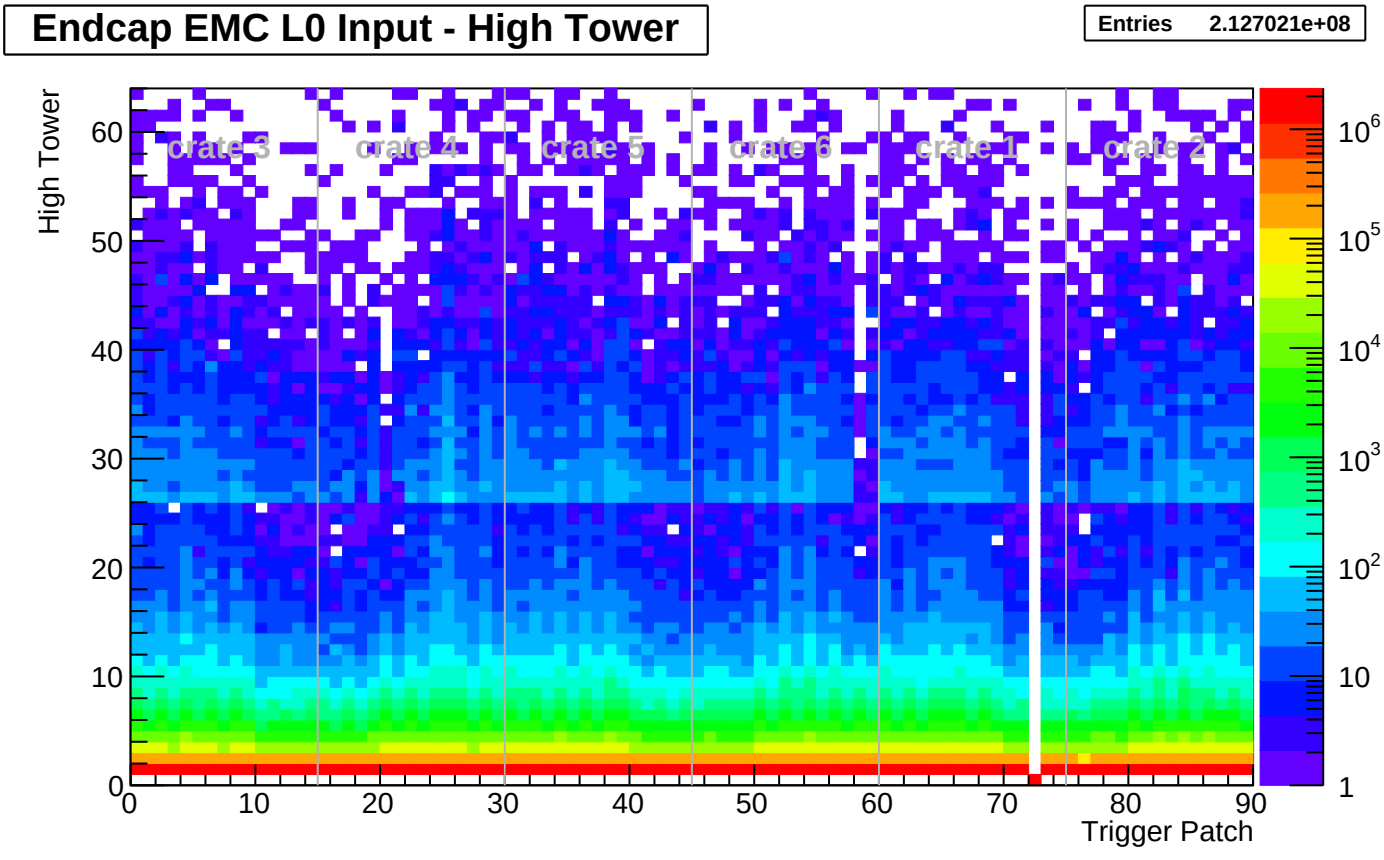
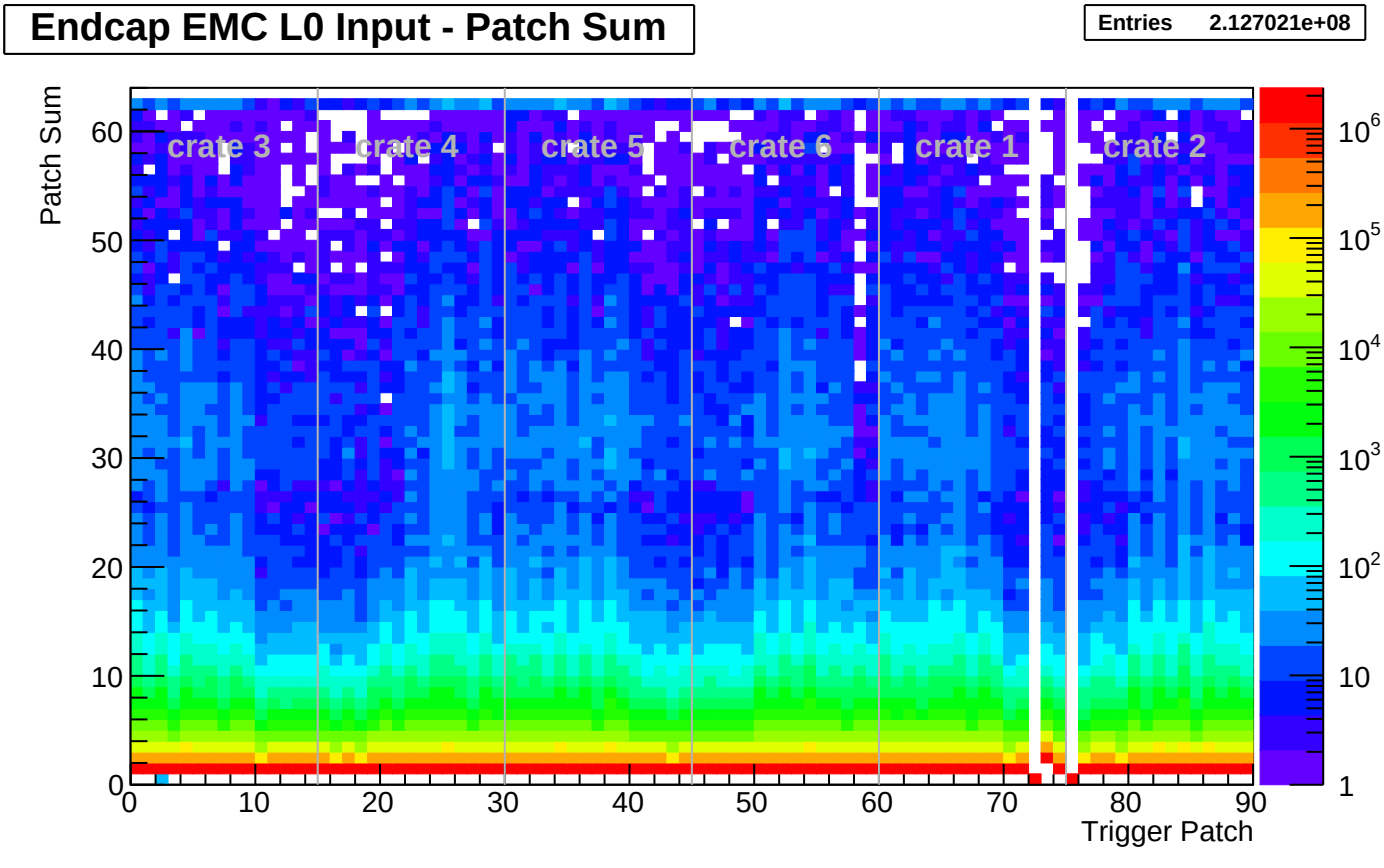
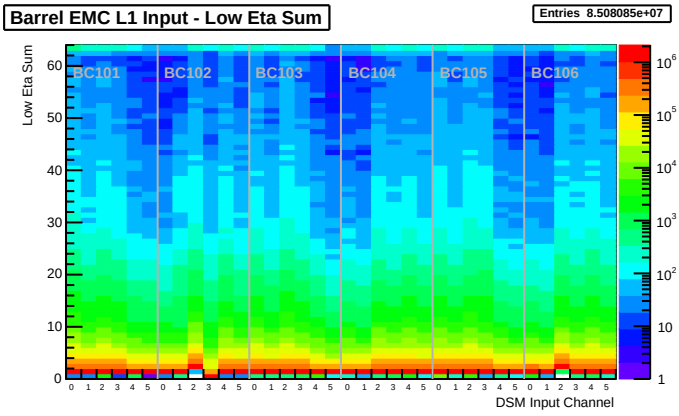
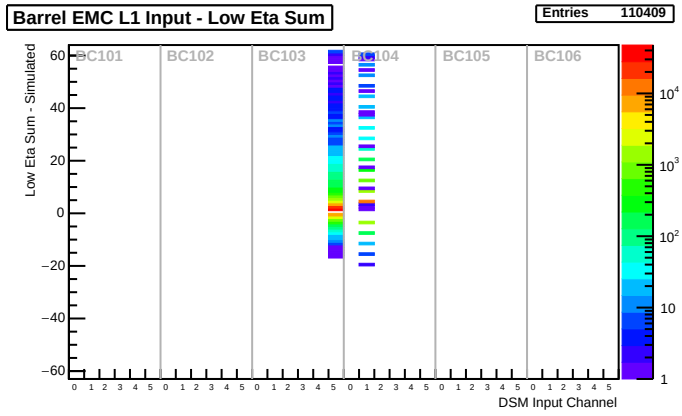

Barrel EMC L0 Input - High Tower
Entries 7.090071e+08
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

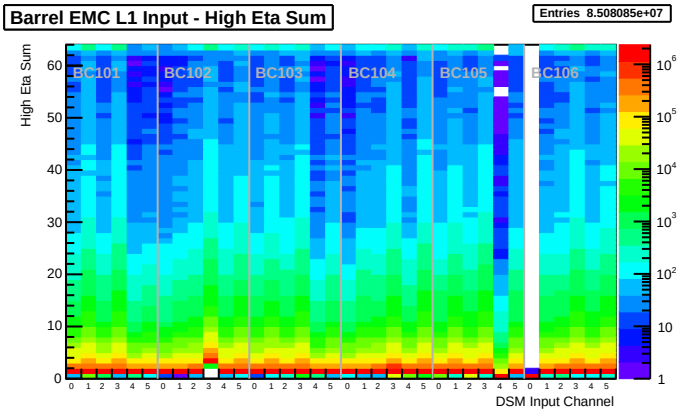

Barrel EMC L0 Input - Patch Sum
Entries 7.090071e+08
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

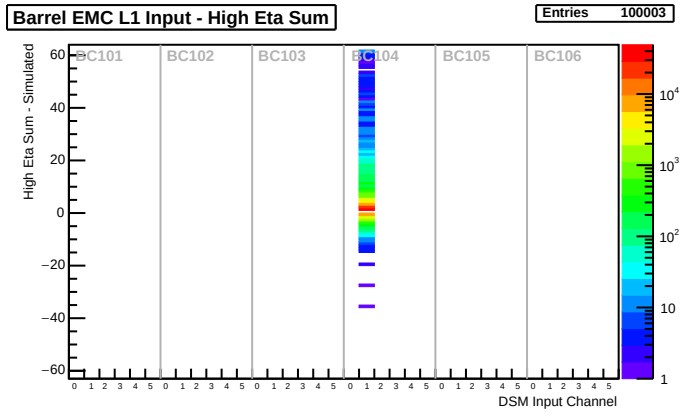

Endcap EMC L0 Input - High Tower
Entries 2.127021e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

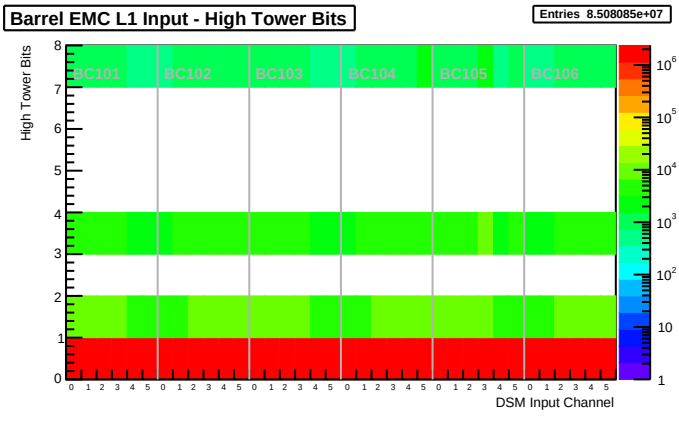

Endcap EMC L0 Input - Patch Sum
Entries 2.127021e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

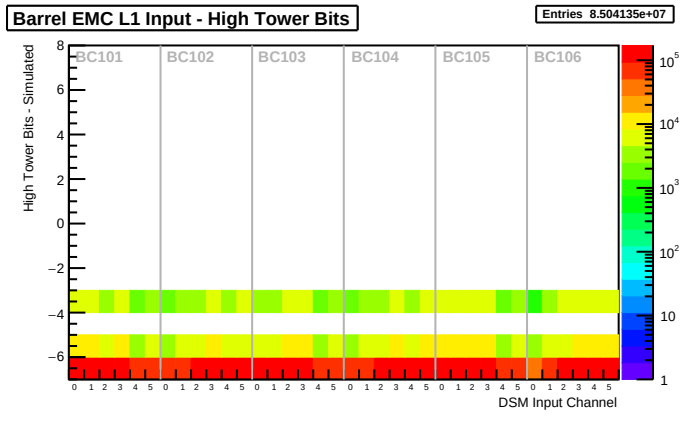

Barrel EMC L1 Input - Low Eta Sum
Entries 8.508085e+07
Low Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

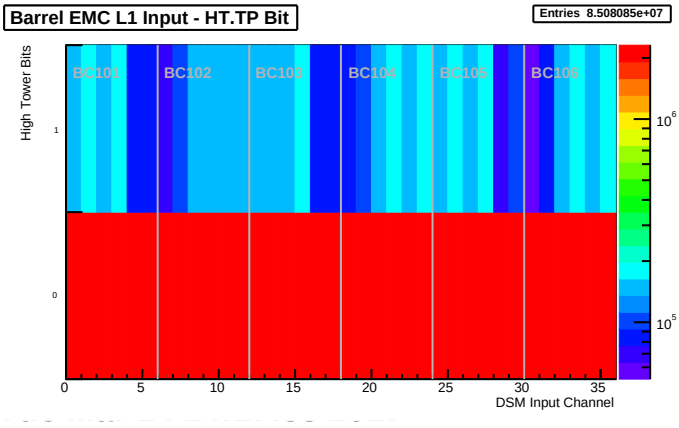

Barrel EMC L1 Input - Low Eta Sum
Entries 110409
Low Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

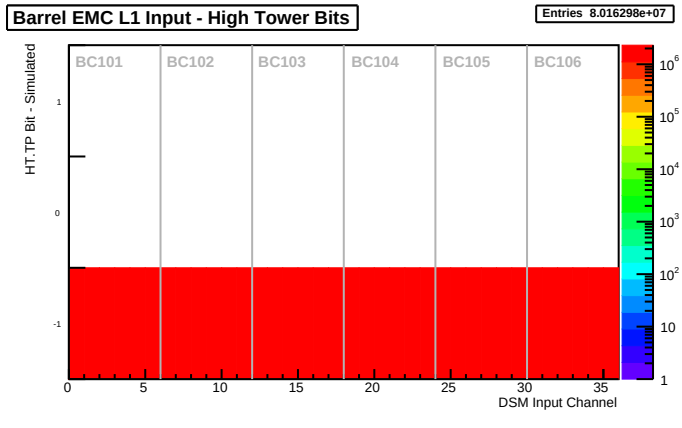

Barrel EMC L1 Input - High Eta Sum
Entries 8.508085e+07
High Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

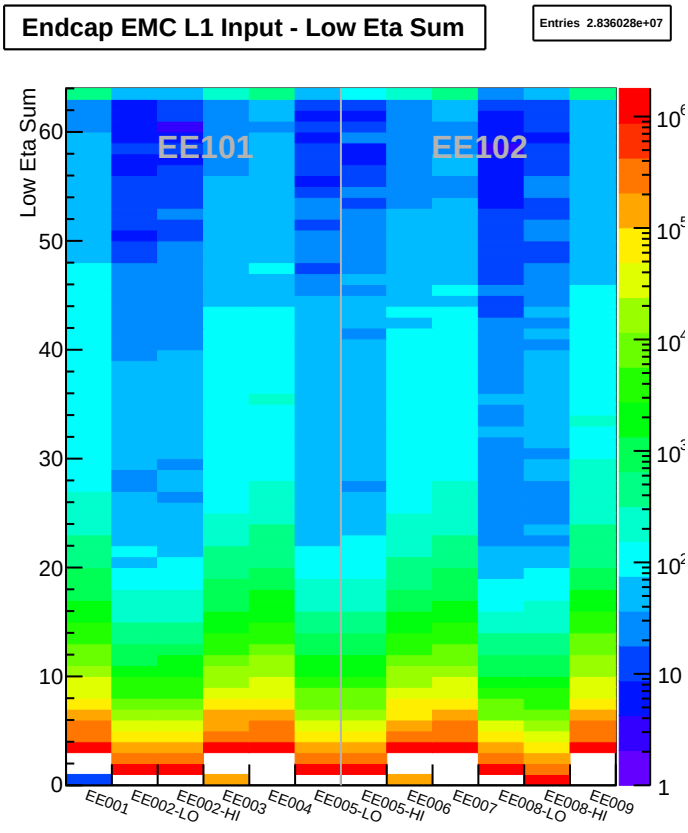

Barrel EMC L1 Input - High Eta Sum
Entries 100003
High Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

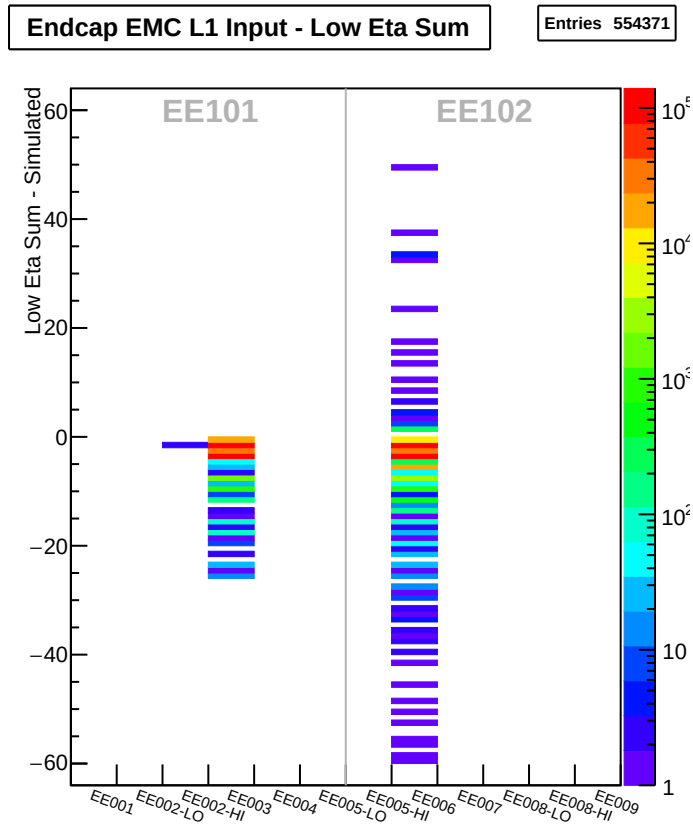

Barrel EMC L1 Input - High Tower Bits
Entries 8.508085e+07
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

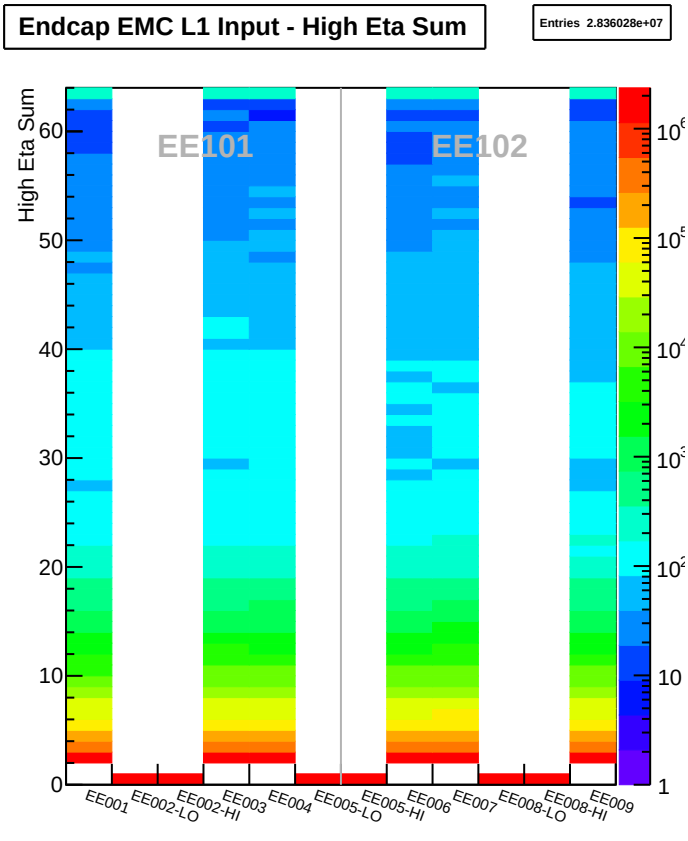

Barrel EMC L1 Input - High Tower Bits
Entries 8.504135e+07
High Tower Bits - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

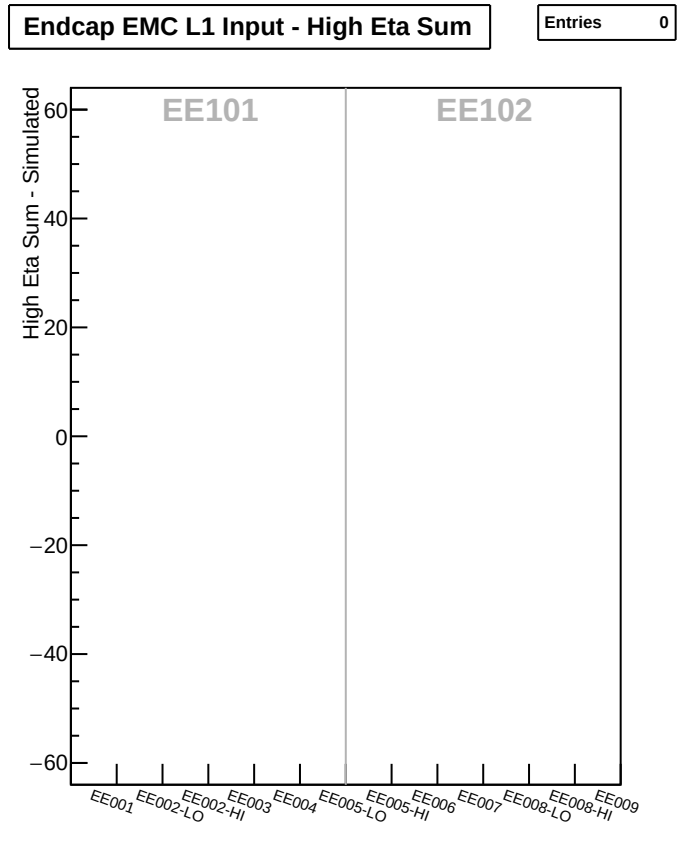

Barrel EMC L1 Input - HT.TP Bit
Entries 8.508085e+07
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

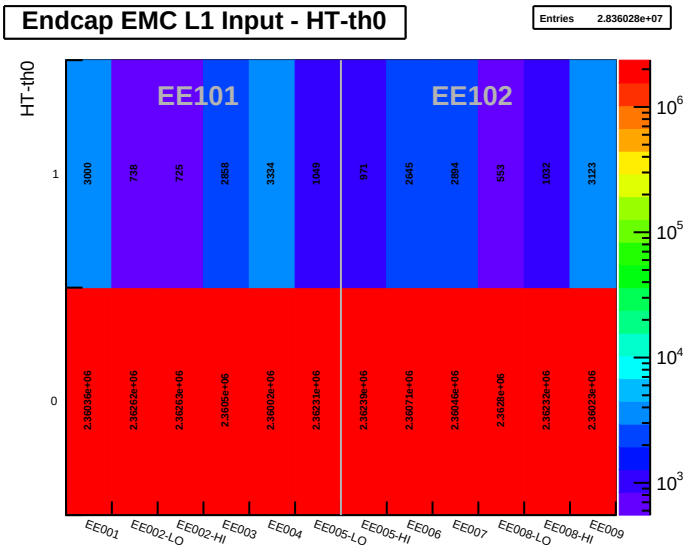

Barrel EMC L1 Input - High Tower Bits
Entries 8.016298e+07
HT.TP Bit - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

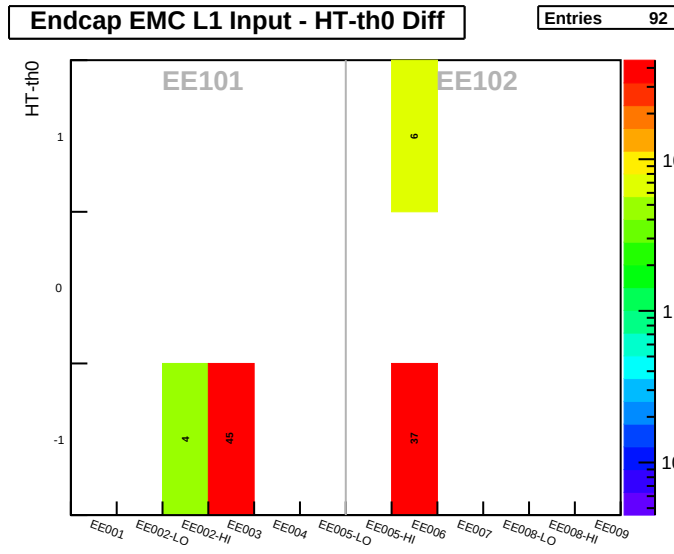

Endcap EMC L1 Input - Low Eta Sum
Entries 2.836028e+07
Low Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

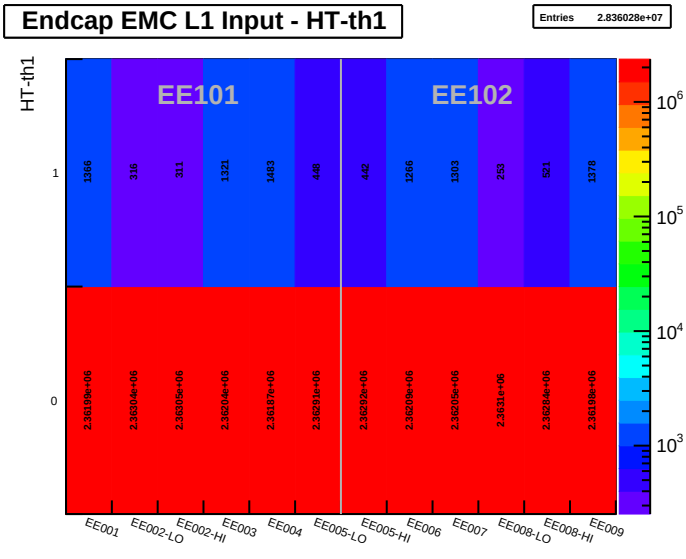

Endcap EMC L1 Input - Low Eta Sum
Entries 554371
Low Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

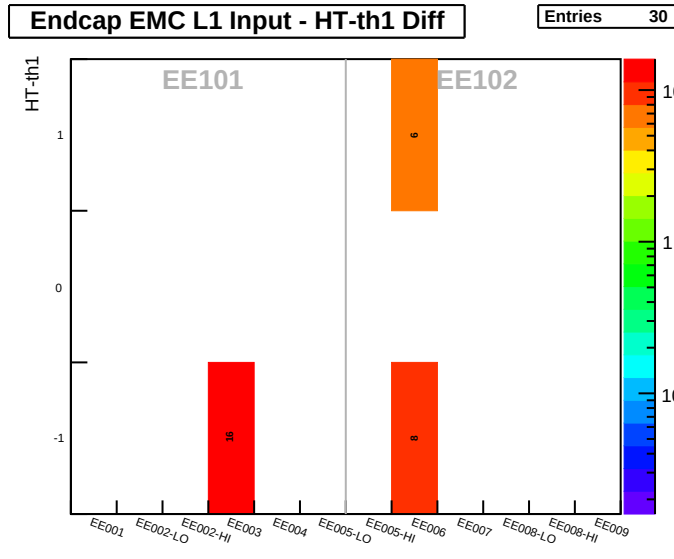

Endcap EMC L1 Input - High Eta Sum
Entries 2.836028e+07
High Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

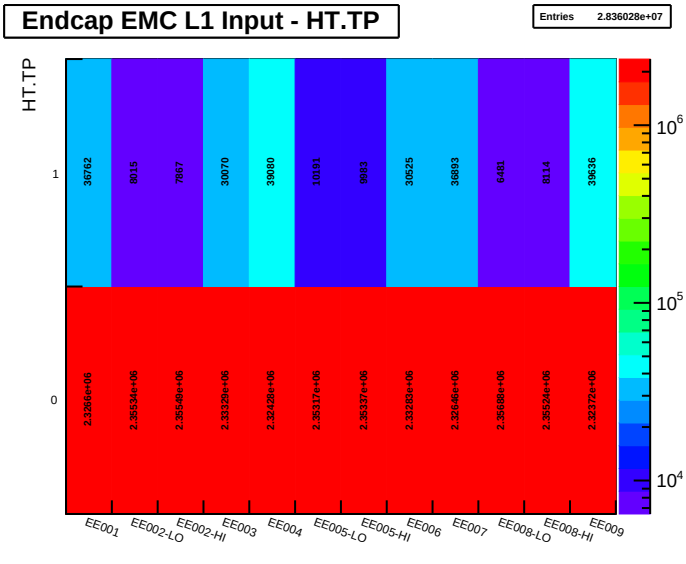

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

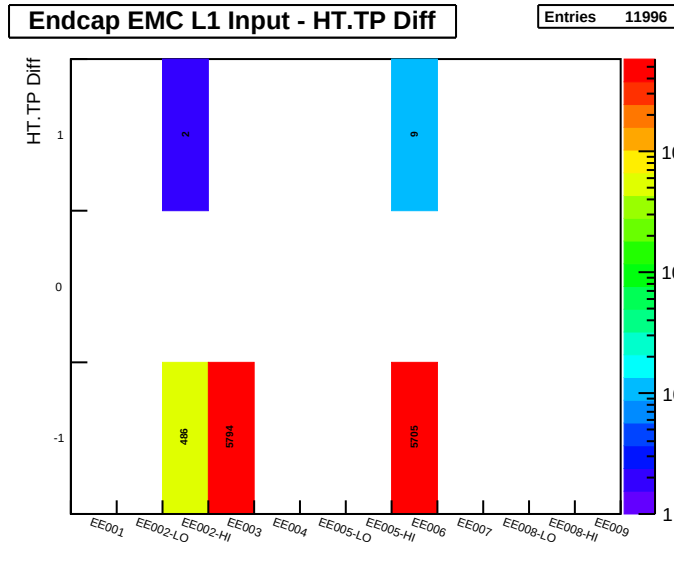

Endcap EMC L1 Input - HT-th0
Entries 2.836028e+07
HT-th0
EE101
EE102
3000 738 725 2858 3334 1049 971 2645 2894 553 1032 3123
2.36036e+06 2.36262e+06 2.36263e+06 2.36105e+06 2.36002e+06 2.36231e+06 2.36239e+06 2.36071e+06 2.36046e+06 2.36328e+06 2.36232e+06 2.36023e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

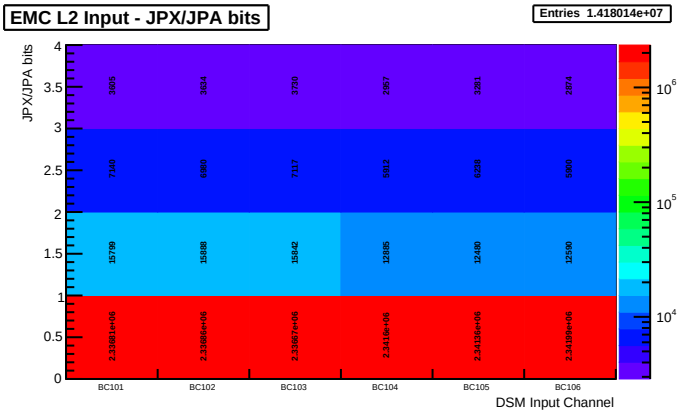

Endcap EMC L1 Input - HT-th0 Diff
Entries 92
HT-th0
EE101
EE102
4 45 37 6
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

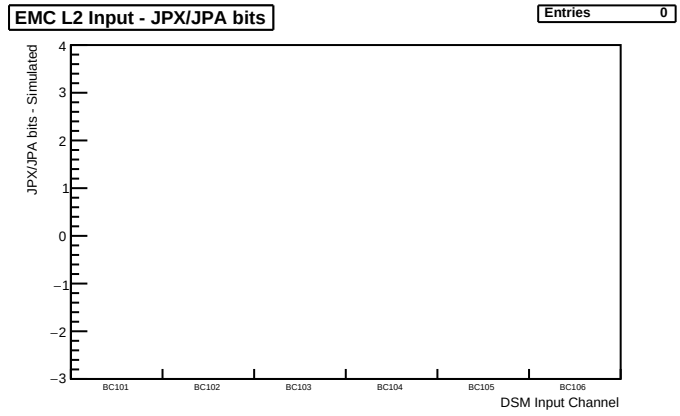

Endcap EMC L1 Input - HT-th1
Entries 2.836028e+07
HT-th1
EE101
EE102
1366 316 311 1321 1483 448 442 1266 1303 263 521 1378
2.36199e+06 2.36304e+06 2.36305e+06 2.36204e+06 2.36187e+06 2.36291e+06 2.36292e+06 2.36209e+06 2.36205e+06 2.36331e+06 2.36294e+06 2.36198e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

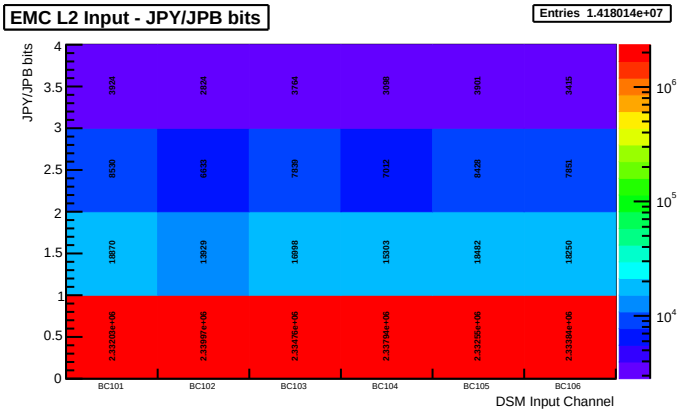

Endcap EMC L1 Input - HT-th1 Diff
Entries 30
HT-th1
EE101
EE102
16 8 6
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

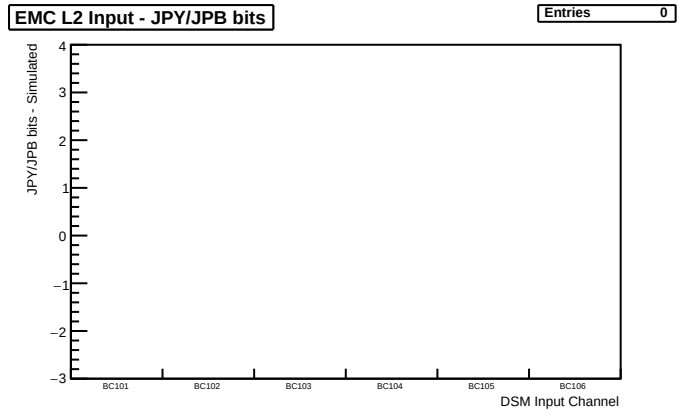

Endcap EMC L1 Input - HT.TP
Entries 2.836028e+07
HT.TP
36762 8015 7667 30070 39080 10191 9683 30525 36893 6431 8114 39636
2.3266e+06 2.35534e+06 2.35540e+06 2.33329e+06 2.32428e+06 2.35317e+06 2.35337e+06 2.33283e+06 2.32646e+06 2.35698e+06 2.35524e+06 2.32372e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

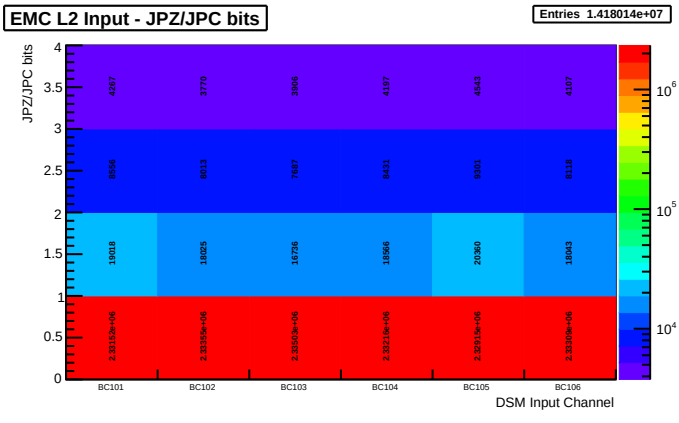

Endcap EMC L1 Input - HT.TP Diff
Entries 11996
HT.TP Diff
2 9 486 5794 5705
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

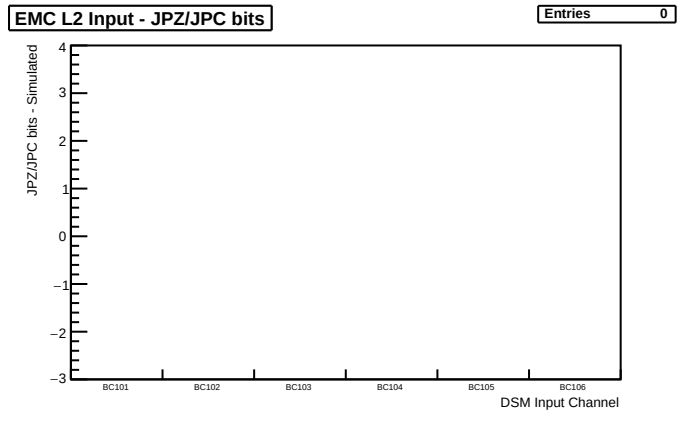

EMC L2 Input - JPX/JPA bits
Entries 1.418014e+07
JPX/JPA bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
3605
3634
3720
2957
3231
2874
7140
6980
7117
5912
6238
5900
15799
15988
15942
12585
12480
12590
2.33681e+06
2.33686e+06
2.33667e+06
2.3416e+06
2.34156e+06
2.34180e+06

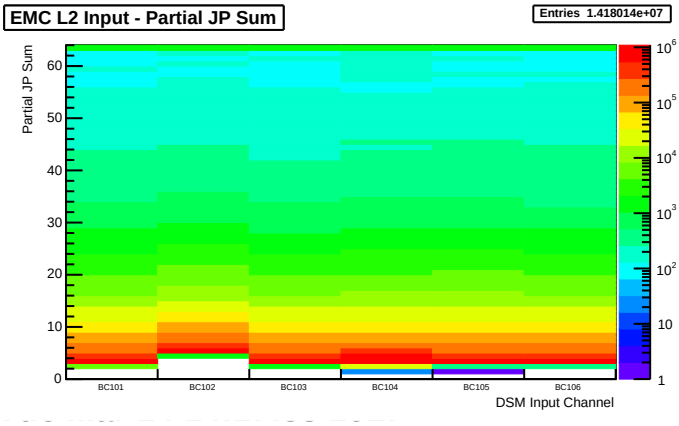

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

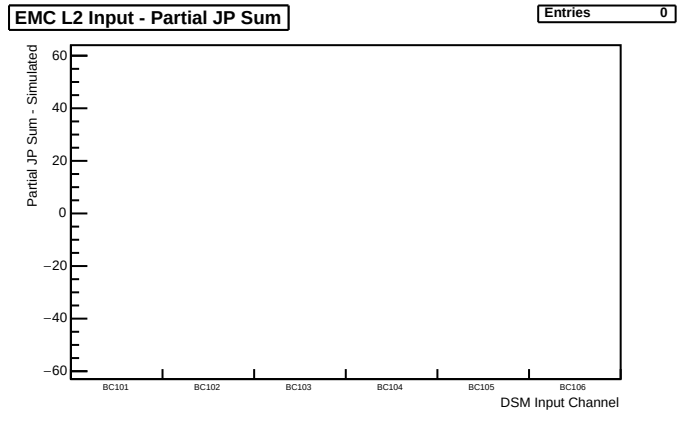

EMC L2 Input - JPY/JPB bits
Entries 1.418014e+07
JPY/JPB bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
3324
2324
3764
3098
3901
3415
6530
6533
7839
7012
8429
7651
18870
13929
16998
15303
19482
16250
2.33208e+06
2.33997e+06
2.33476e+06
2.33794e+06
2.33295e+06
2.33394e+06

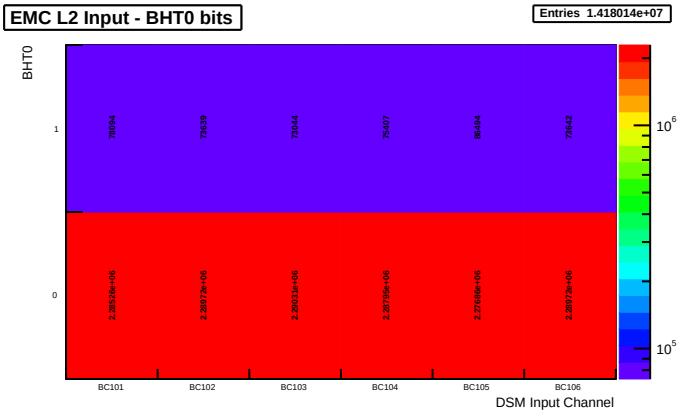

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

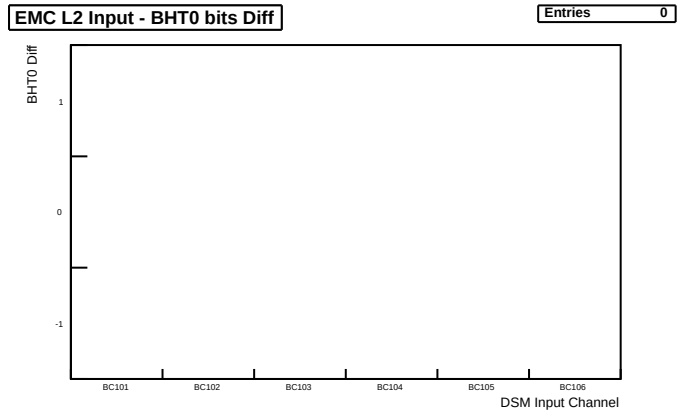

EMC L2 Input - JPZ/JPC bits
Entries 1.418014e+07
JPZ/JPC bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
4257
3770
3906
4197
4543
4107
8556
8913
7637
8431
9301
8118
19018
18025
16735
18566
20360
18043
2.33152e+06
2.33355e+06
2.33503e+06
2.33216e+06
2.32915e+06
2.33309e+06

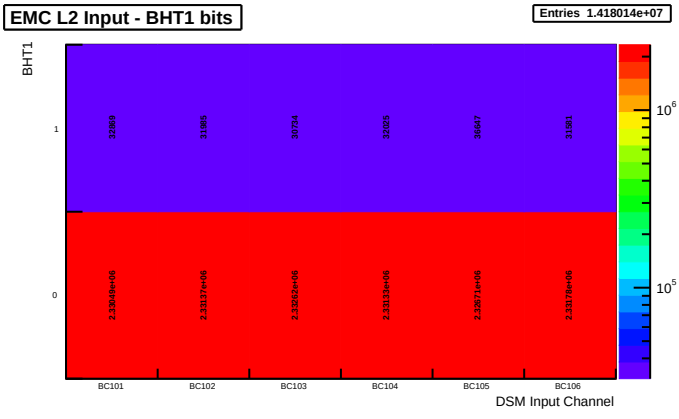

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

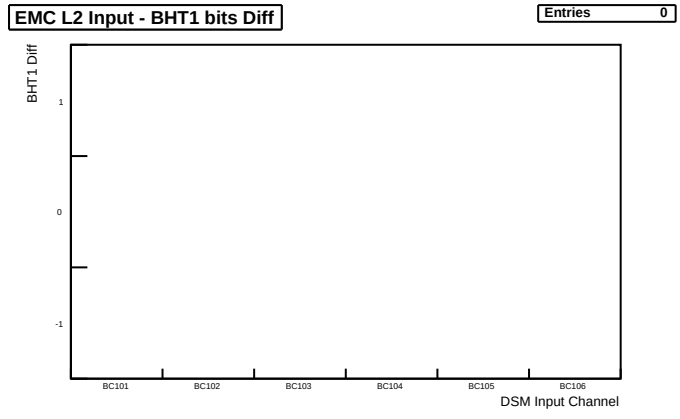

EMC L2 Input - Partial JP Sum
Entries 1.418014e+07
Partial JP Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

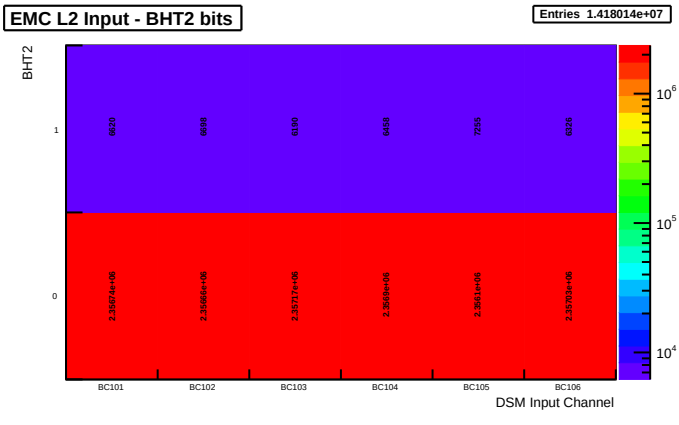

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

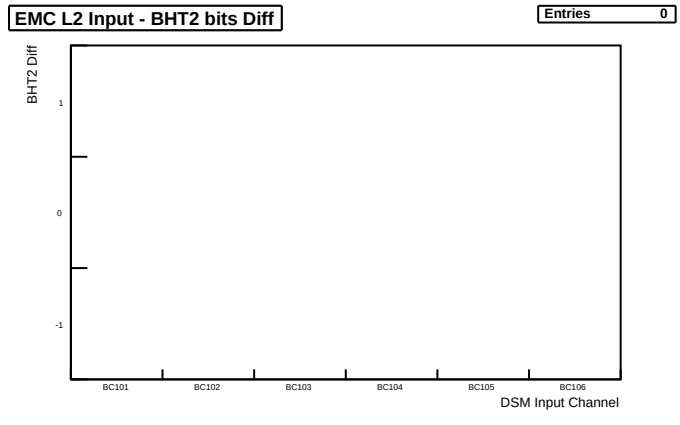

EMC L2 Input - BHT0 bits
Entries 1.418014e+07
BHT0
1
0
76094
73839
72044
75407
86434
73642
2.28329e+06
2.28972e+06
2.29031e+06
2.28795e+06
2.27686e+06
2.28972e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5

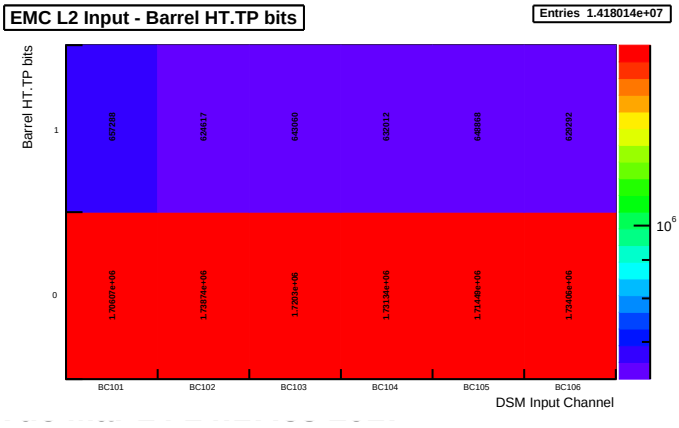

EMC L2 Input - BHT0 bits Diff
Entries 0
BHT0 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

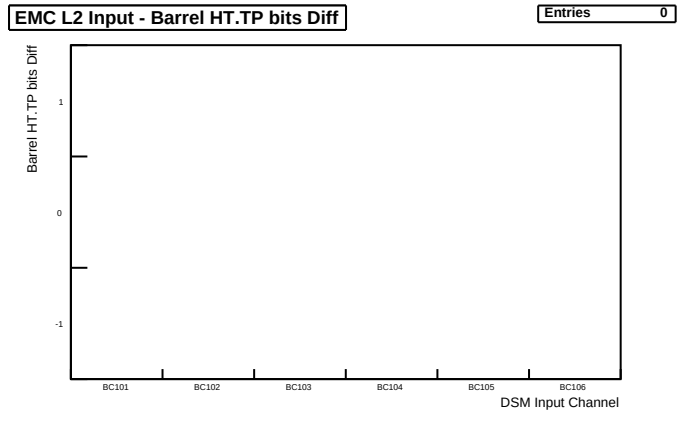

EMC L2 Input - BHT1 bits
Entries 1.418014e+07
BHT1
1
0
32869
31985
30734
32025
36647
31931
2.33149e+06
2.33137e+06
2.33262e+06
2.33133e+06
2.32671e+06
2.33178e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5

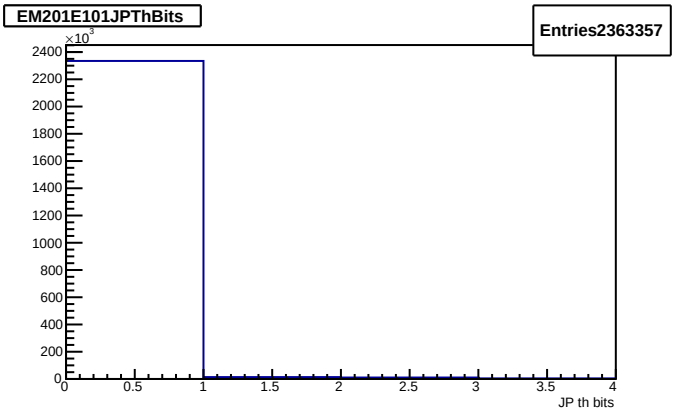

EMC L2 Input - BHT1 bits Diff
Entries 0
BHT1 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

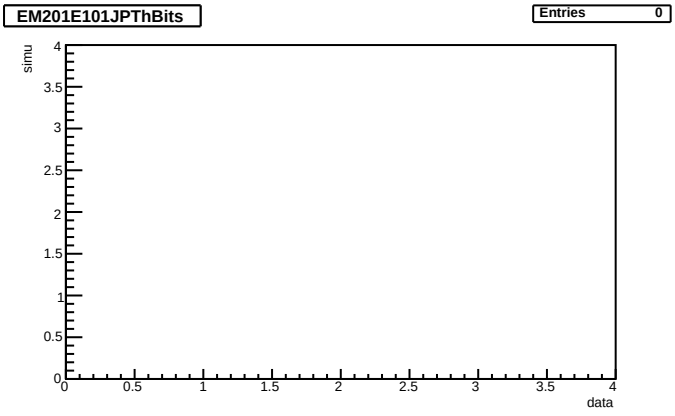

EMC L2 Input - BHT2 bits
Entries 1.418014e+07
BHT2
1
0
6620
6698
6190
6458
7255
6326
2.35674e+06
2.35665e+06
2.35717e+06
2.3569e+06
2.3561e+06
2.35763e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5
10^4

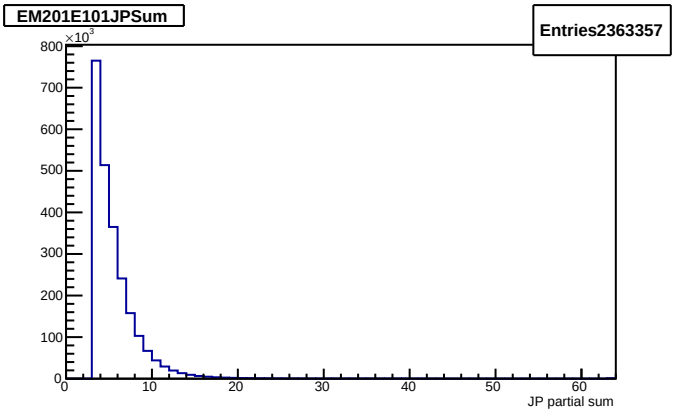

EMC L2 Input - BHT2 bits Diff
Entries 0
BHT2 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

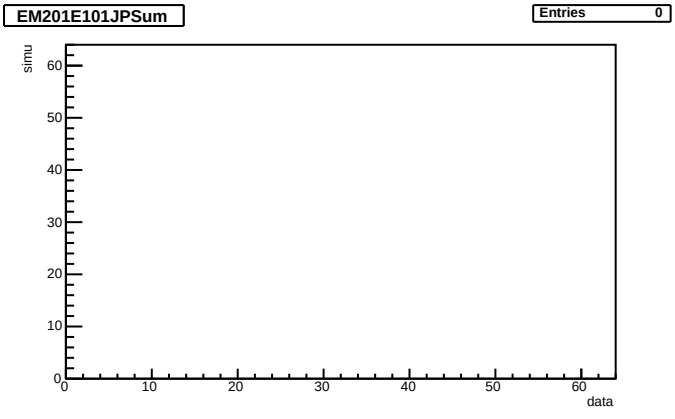

EMC L2 Input - Barrel HT.TP bits
Entries 1.418014e+07
Barrel HT.TP bits
1
0
637438
624617
643060
620112
648958
629202
1.70607e+06
1.73874e+06
1.72039e+06
1.73134e+06
1.71149e+06
1.73409e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6

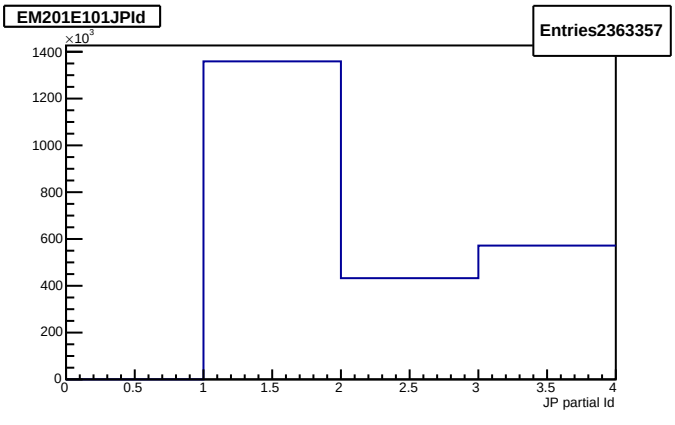

EMC L2 Input - Barrel HT.TP bits Diff
Entries 0
Barrel HT.TP bits Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

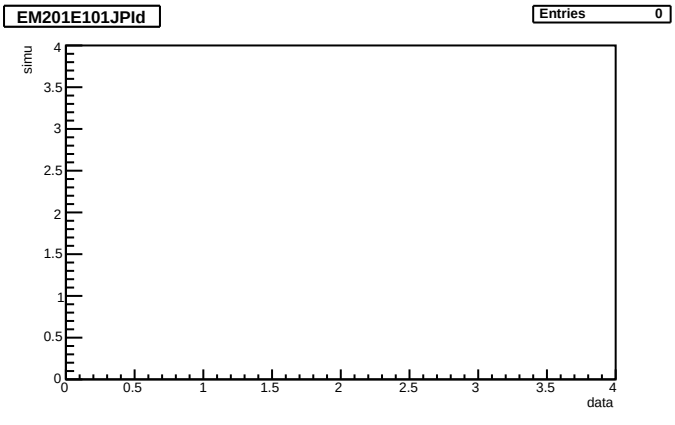

EM201E101JPThBits
Entries2363357
JP th bits

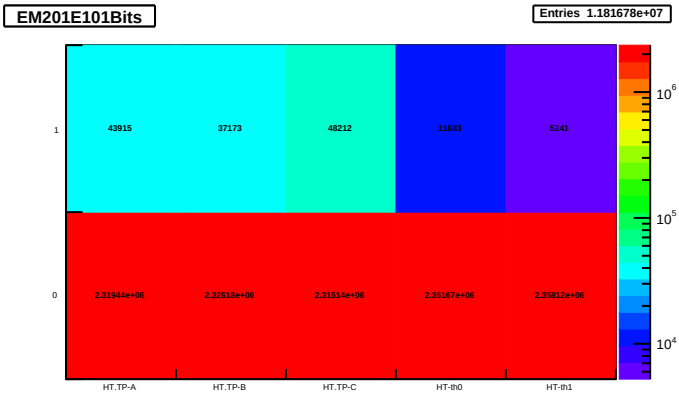

EM201E101JPThBits
Entries 0
simu
data

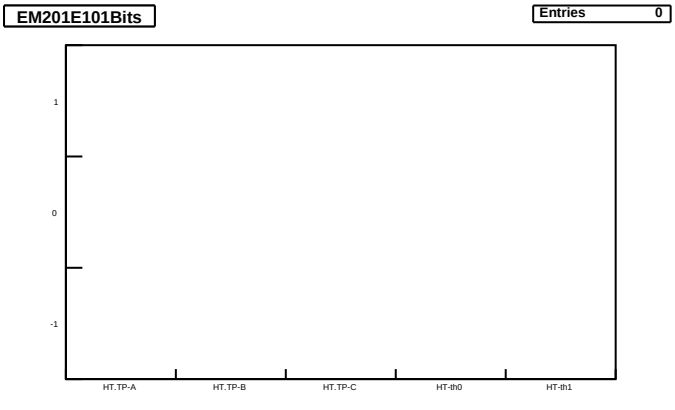

EM201E101JPSum
Entries2363357
JP partial sum

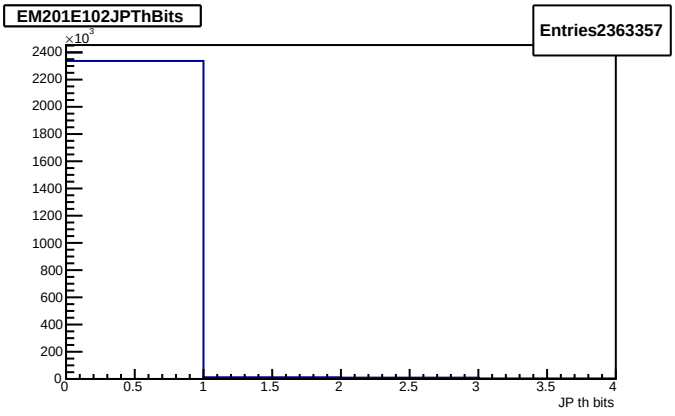

EM201E101JPSum
Entries 0
simu
data

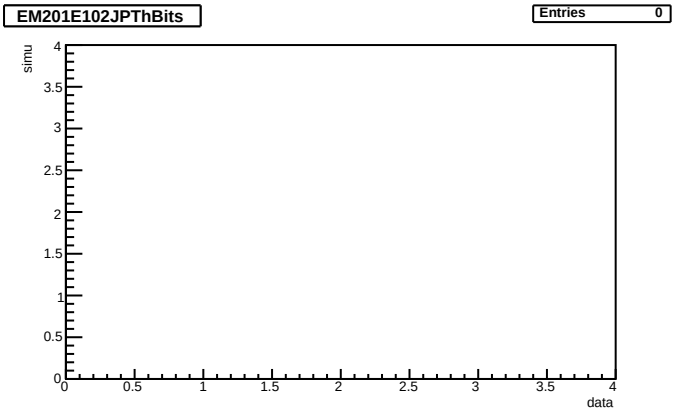

EM201E101JPId
Entries2363357
JP partial Id

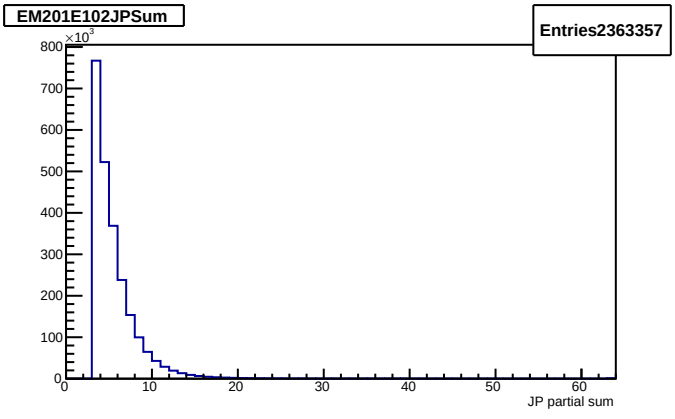

EM201E101JPId
Entries 0
simu
data

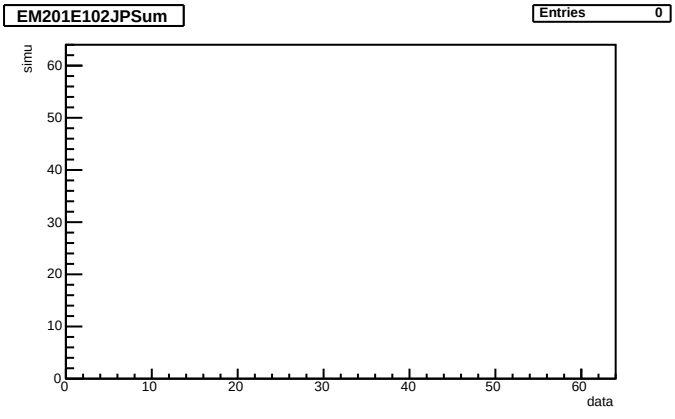

EM201E101Bits
Entries 1.181678e+07
43915
37173
48212
11683
5241
2.31944e+06
2.32618e+06
2.31514e+06
2.35167e+06
2.35812e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

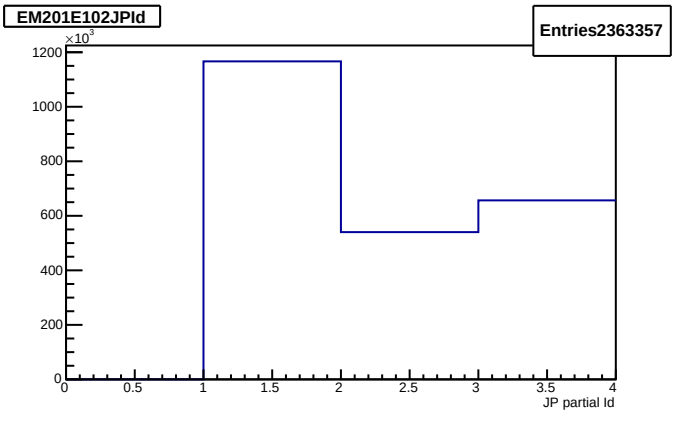

EM201E101Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

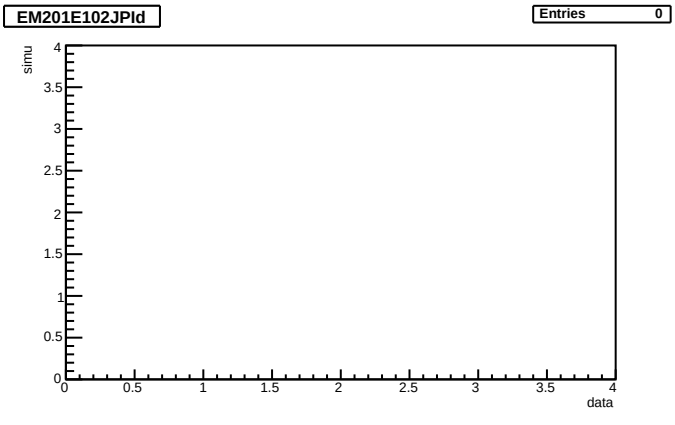

EM201E102JPThBits
Entries2363357
JP th bits

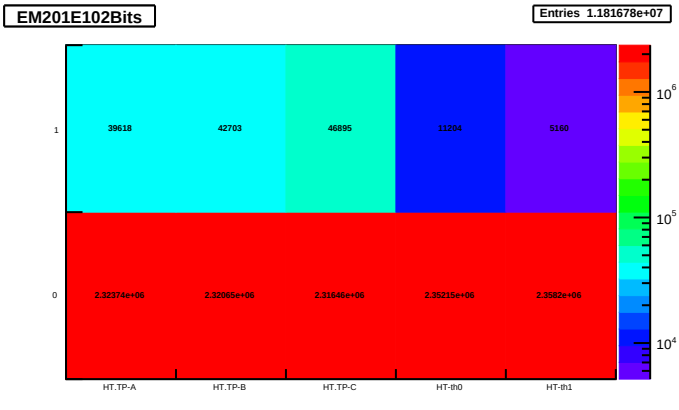

EM201E102JPThBits
Entries 0
simu
data

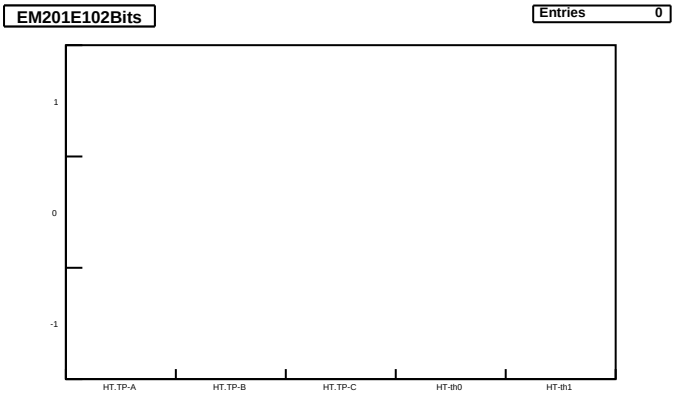

EM201E102JPSum
Entries2363357
JP partial sum

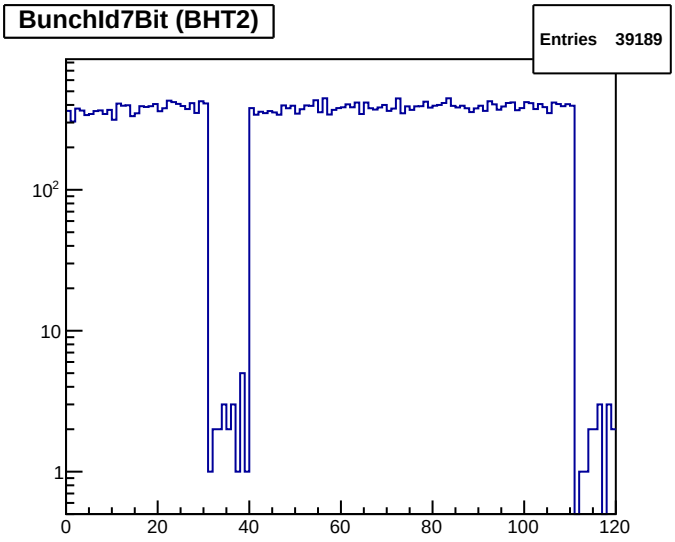

EM201E102JPSum
Entries 0
simu
data

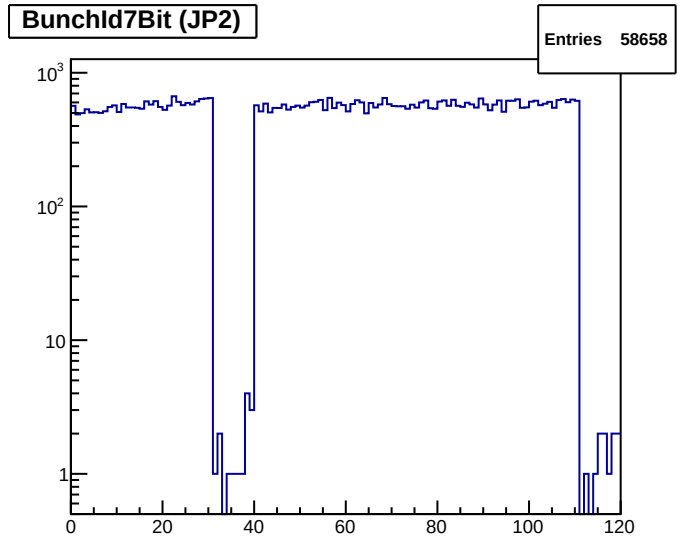

EM201E102JPId
Entries2363357
JP partial Id

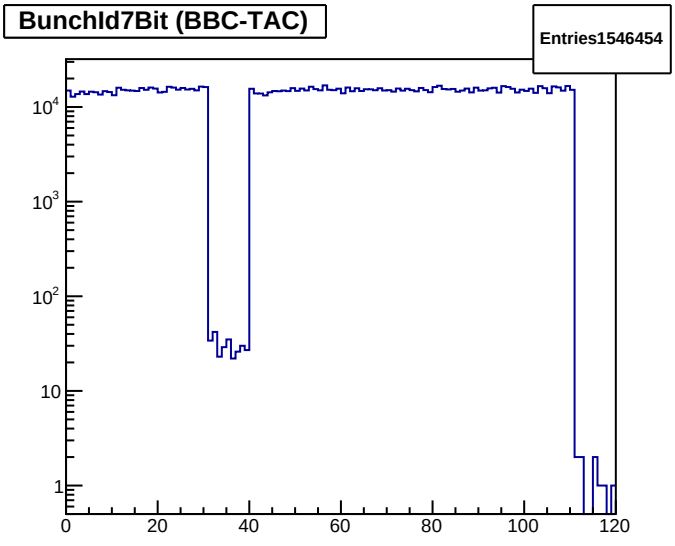

EM201E102JPId
Entries 0
simu
data

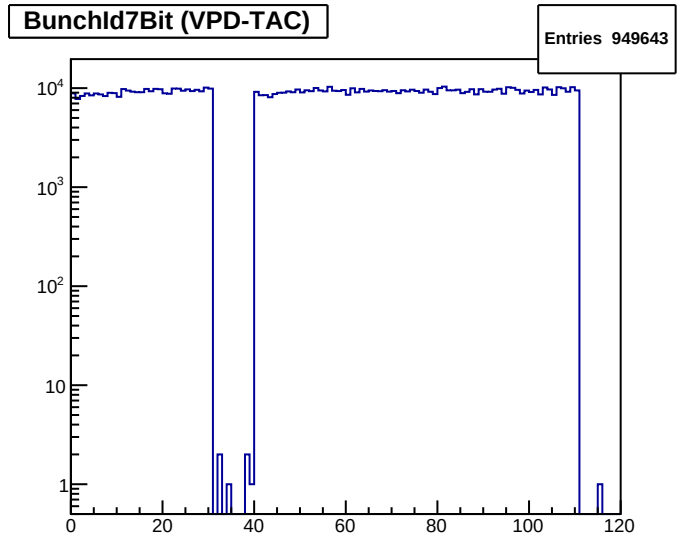

EM201E102Bits
Entries 1.181678e+07
39618
42703
46895
11204
5160
2.32374e+06
2.32065e+06
2.31646e+06
2.35215e+06
2.3582e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

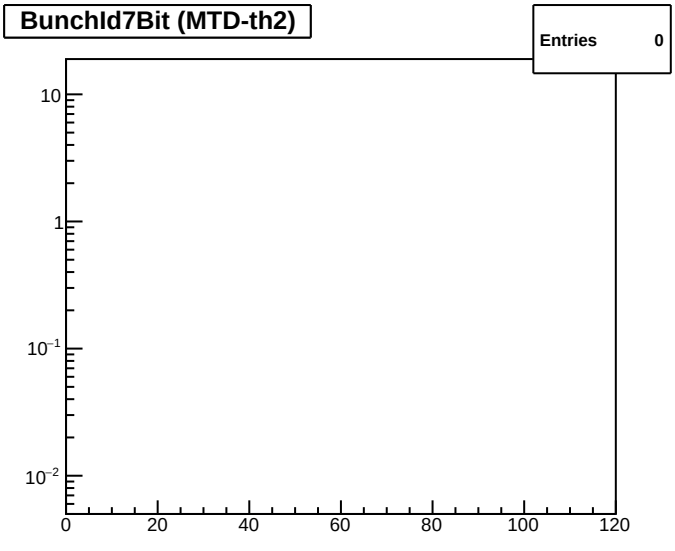

EM201E102Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

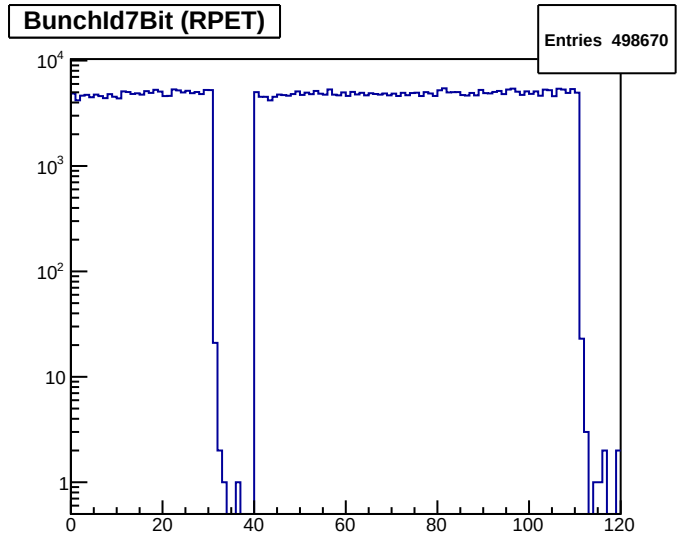

BunchId7Bit (BHT2)
Entries 39189

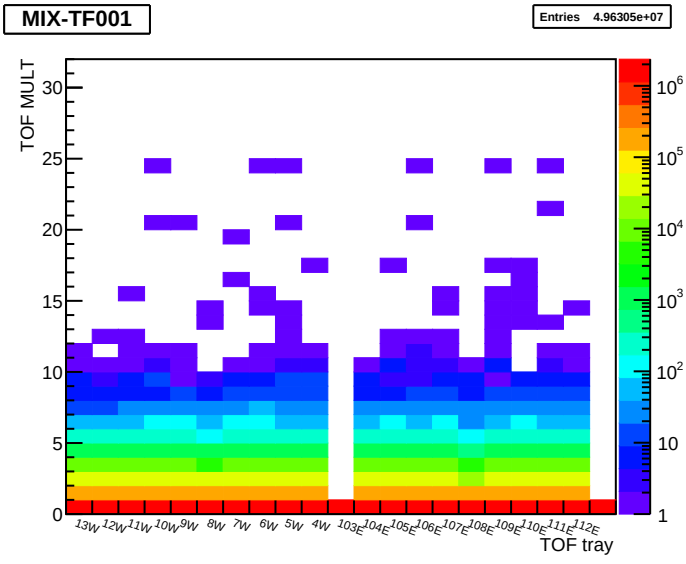

BunchId7Bit (JP2)
Entries 58658

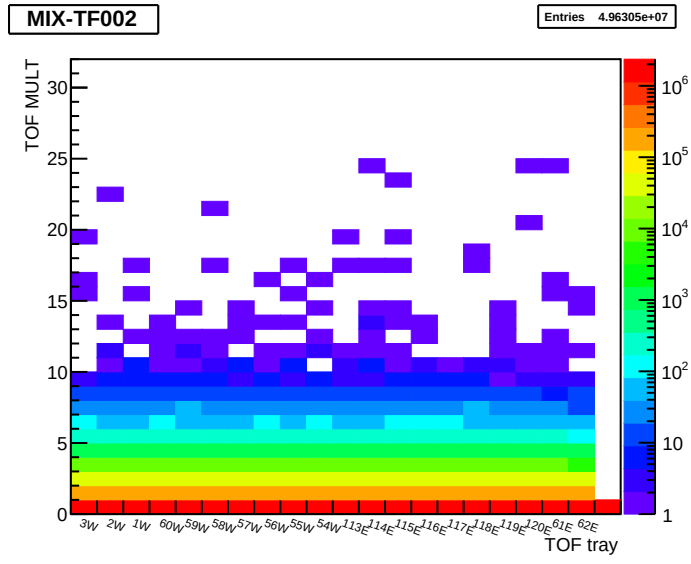

BunchId7Bit (BBC-TAC)
Entries1546454

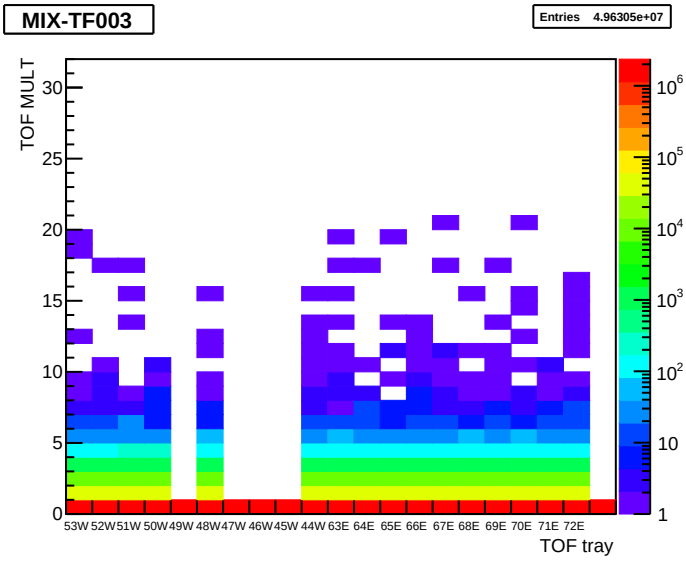

BunchId7Bit (VPD-TAC)
Entries 949643

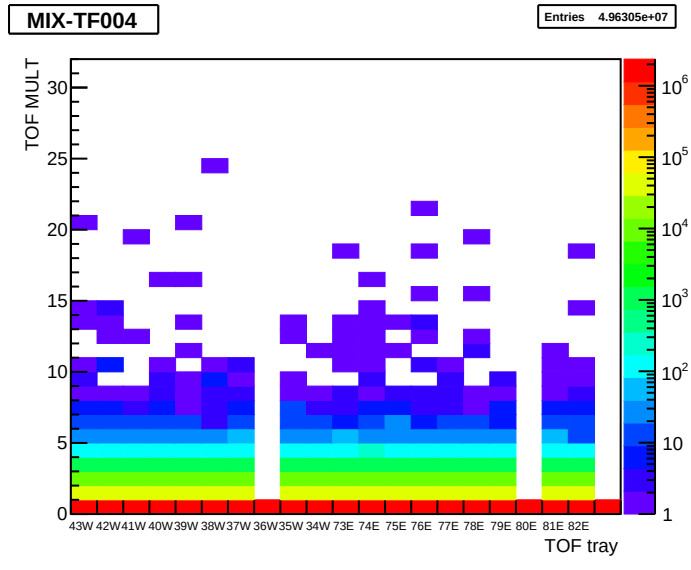

BunchId7Bit (MTD-th2)
Entries 0

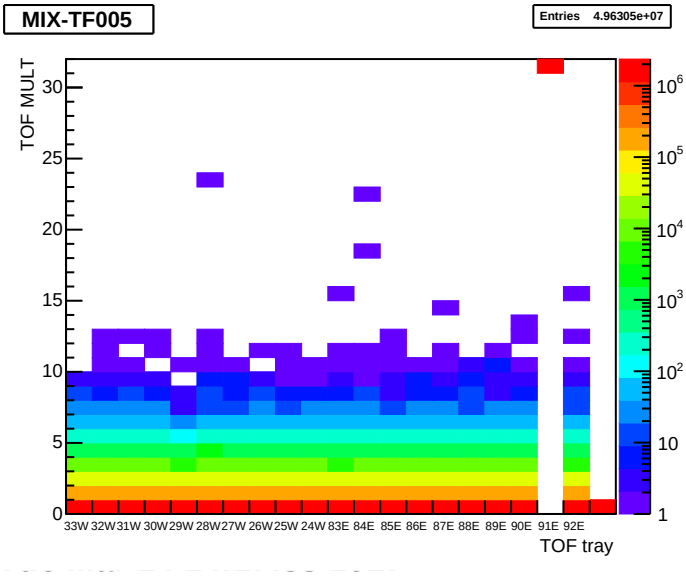

BunchId7Bit (RPET)
Entries 498670

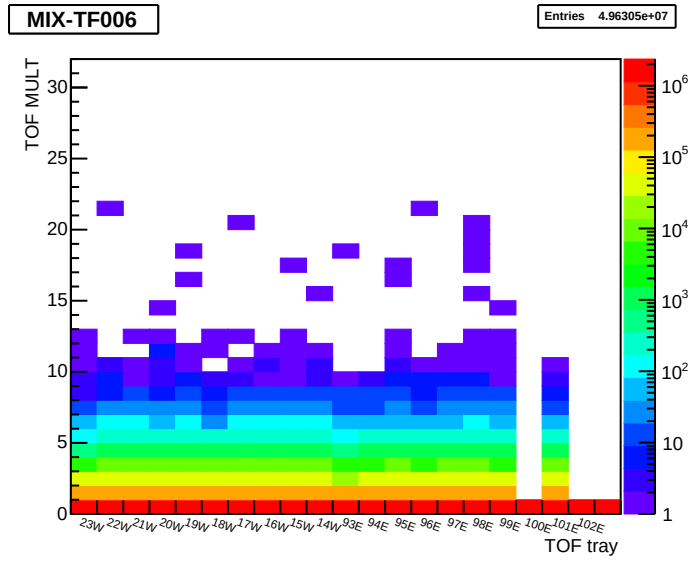

MIX-TF001
Entries 4.96305e+07
TOF MULT
TOF tray

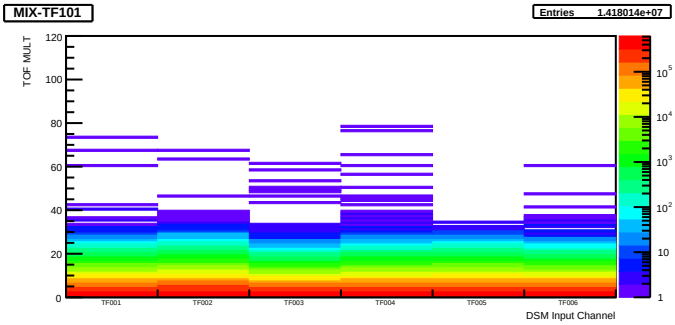

MIX-TF002
Entries 4.96305e+07
TOF MULT
TOF tray

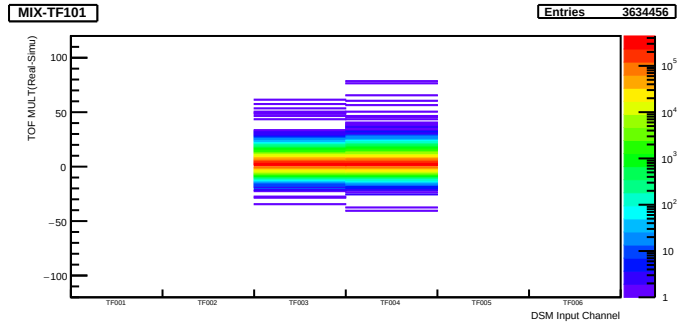

MIX-TF003
Entries 4.96305e+07
TOF MULT
TOF tray

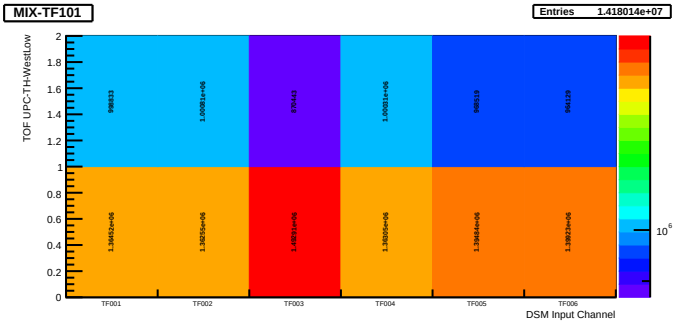

MIX-TF004
Entries 4.96305e+07
TOF MULT
TOF tray

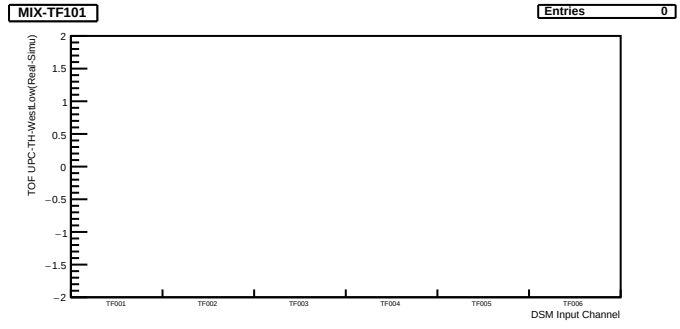

MIX-TF005
Entries 4.96305e+07
TOF MULT
TOF tray

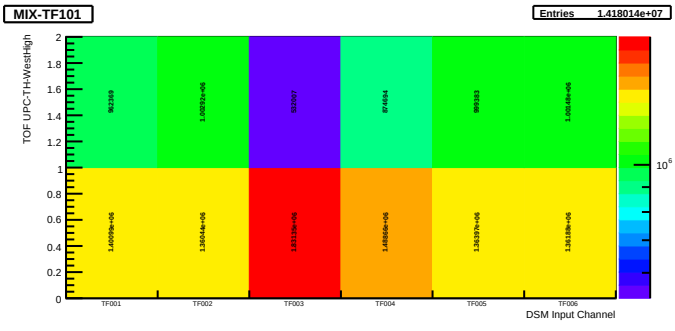

MIX-TF006
Entries 4.96305e+07
TOF MULT
TOF tray

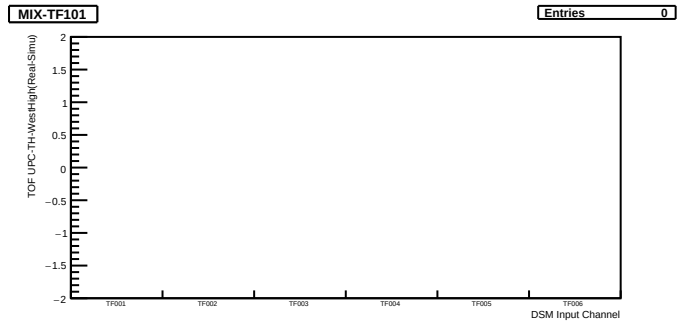

MIX-TF101
Entries 1.418014e+07
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

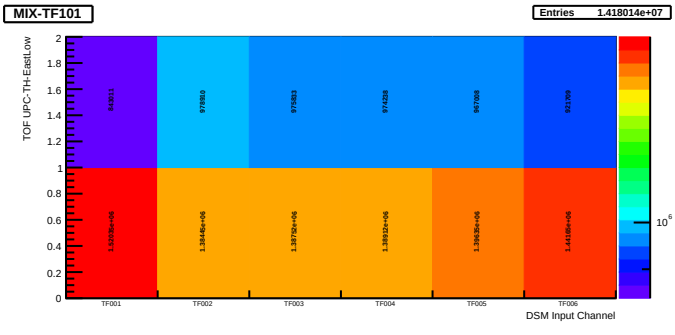

MIX-TF101
Entries 3634456
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

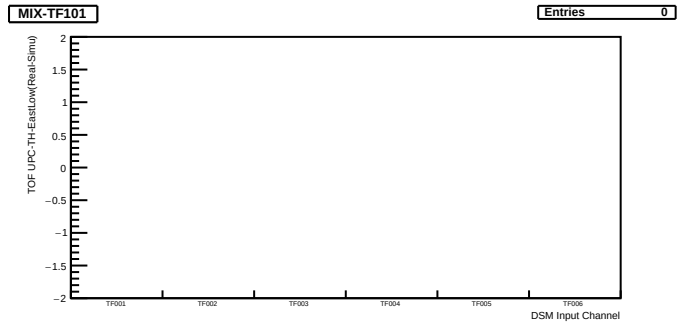

MIX-TF101
Entries 1.418014e+07
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

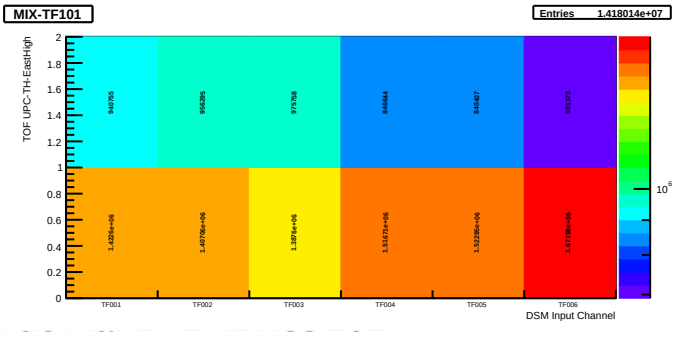

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

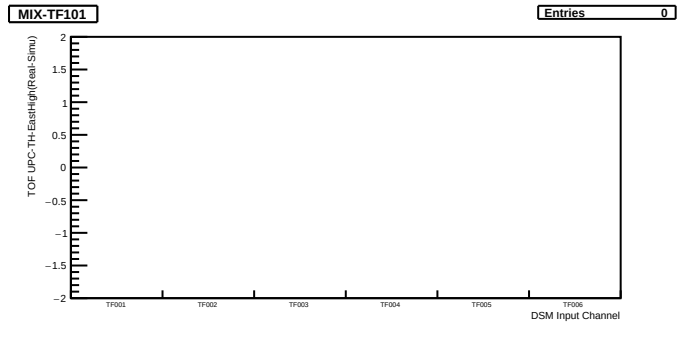

MIX-TF101
Entries 1.418014e+07
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

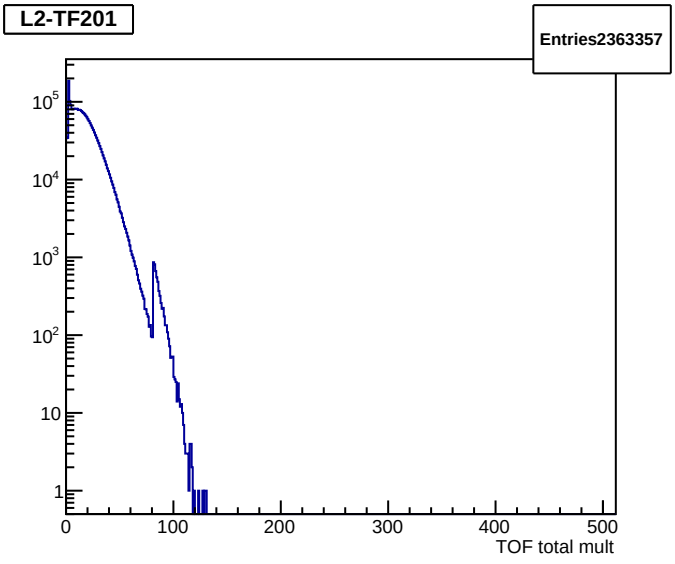

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

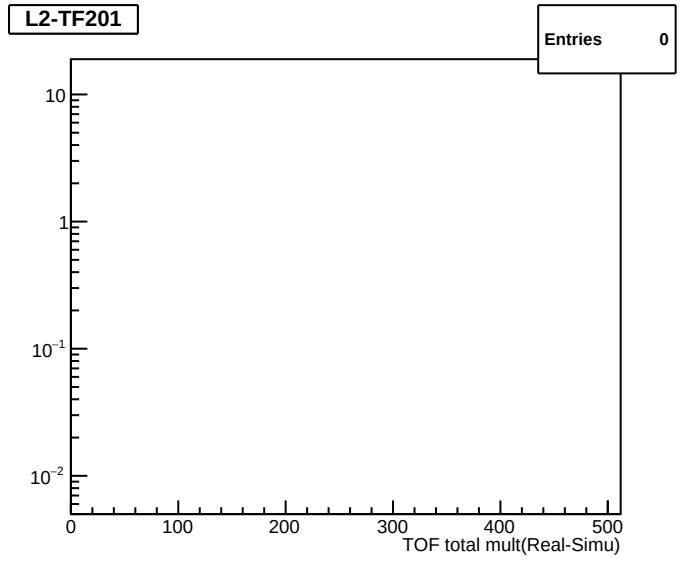

MIX-TF101
Entries 1.418014e+07
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

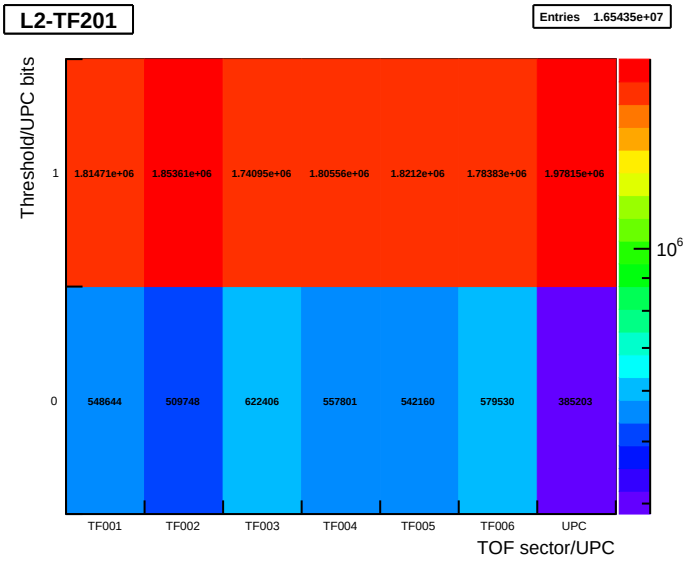

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

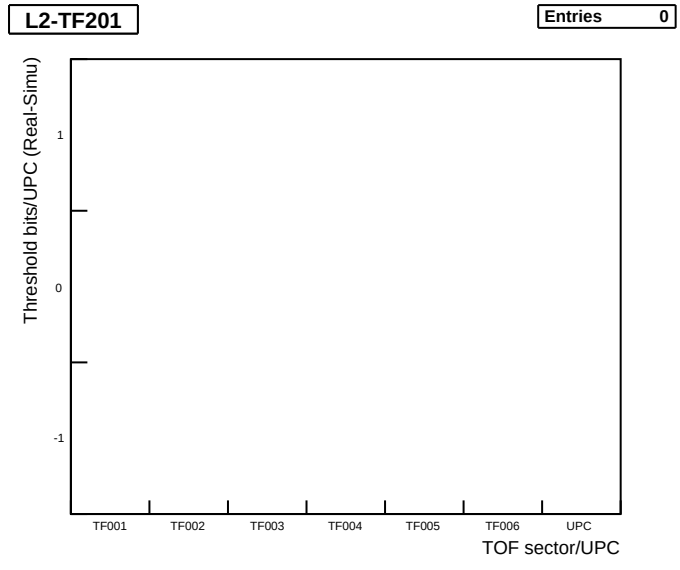

MIX-TF101
Entries 1.418014e+07
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

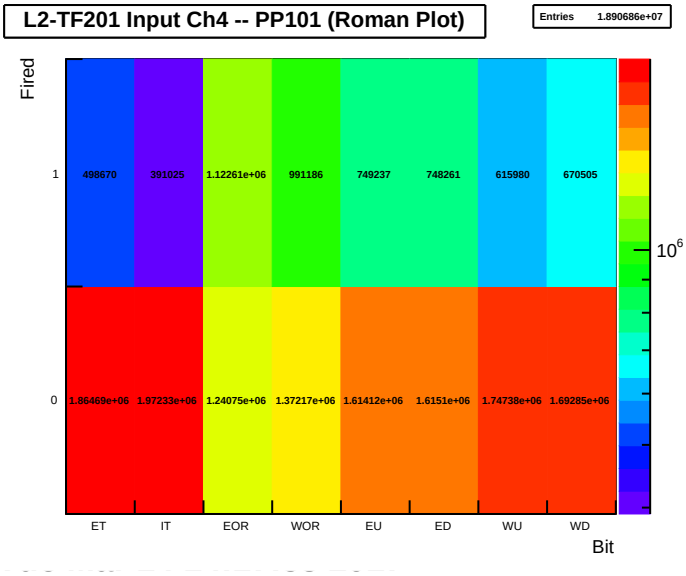

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

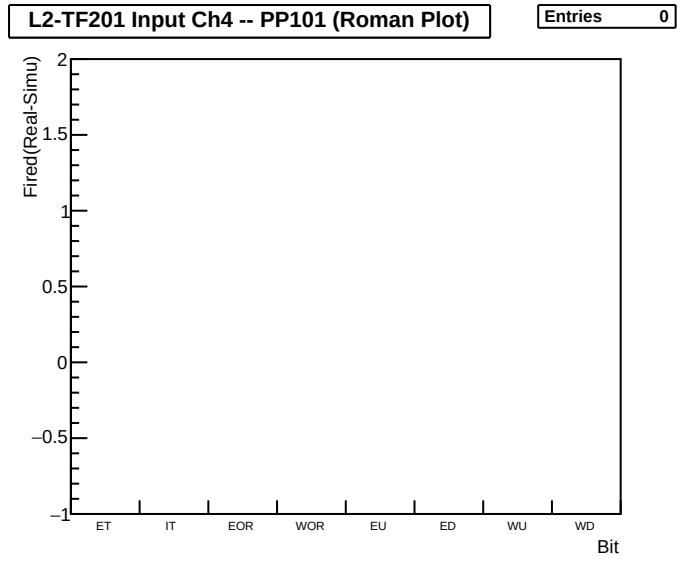

L2-TF201
Entries2363357
TOF total mult

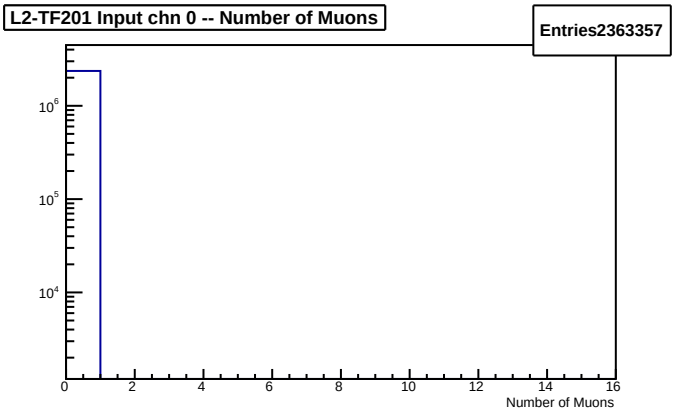

L2-TF201
Entries 0
TOF total mult(Real-Simu)

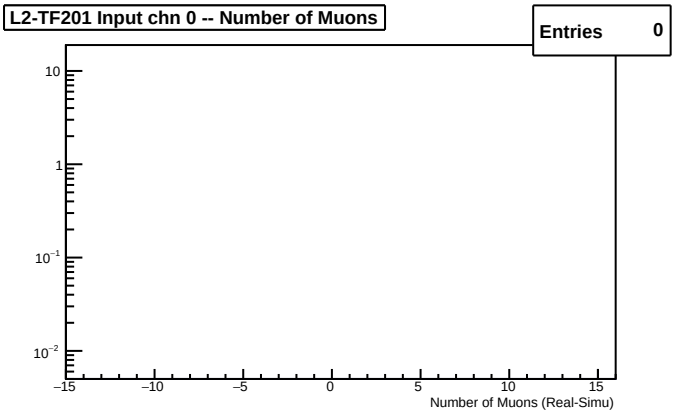

L2-TF201
Entries 1.65435e+07
Threshold/UPC bits
1.81471e+06
1.85361e+06
1.74095e+06
1.80556e+06
1.8212e+06
1.78383e+06
1.97815e+06
548644
509748
622406
557801
542160
579530
385203
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

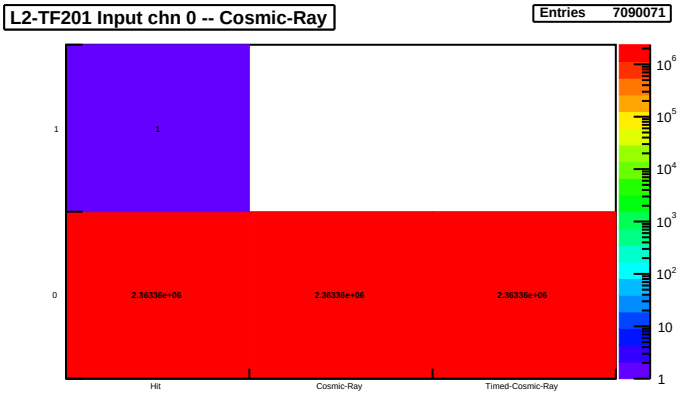

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

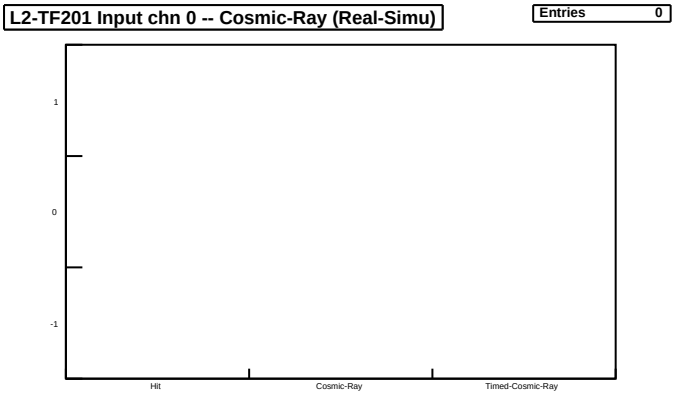

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 1.890686e+07
Fired
498670
391025
1.12261e+06
991186
749237
748261
615980
670505
1.86469e+06
1.97233e+06
1.24075e+06
1.37217e+06
1.61412e+06
1.6151e+06
1.74738e+06
1.69285e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

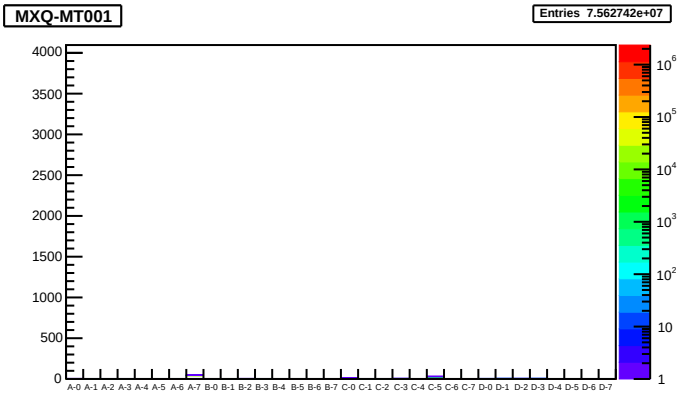

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

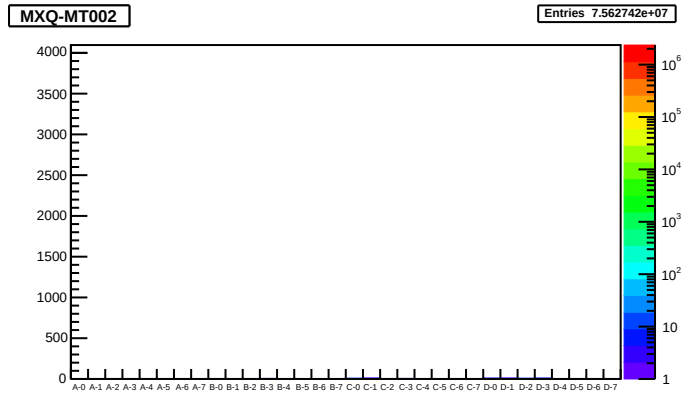

L2-TF201 Input chn 0 -- Number of Muons
Entries2363357
Number of Muons

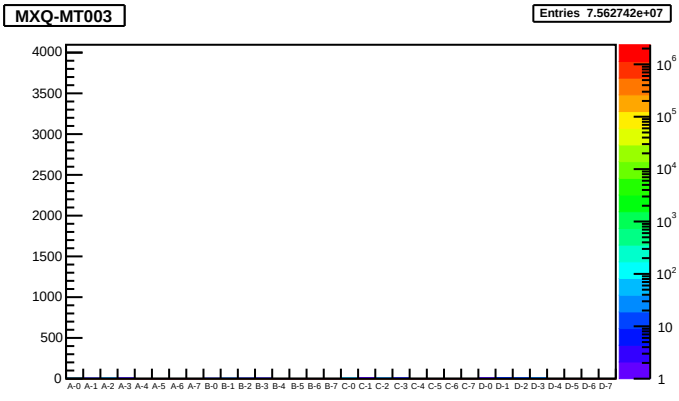

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

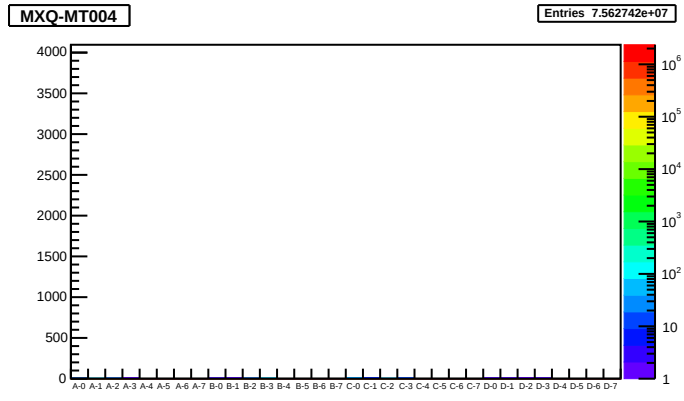

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 7090071
2.36336e+06
2.36336e+06
2.36336e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

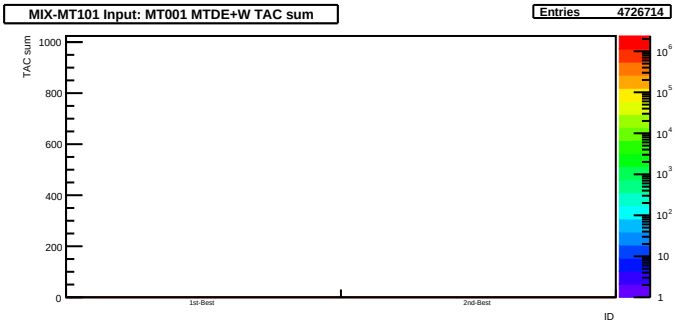

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

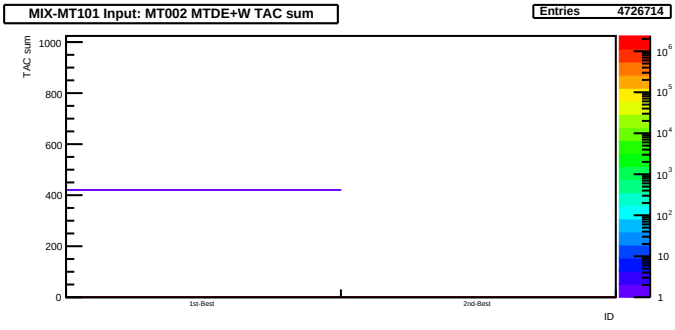

MXQ-MT001
Entries 7.562742e+07
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

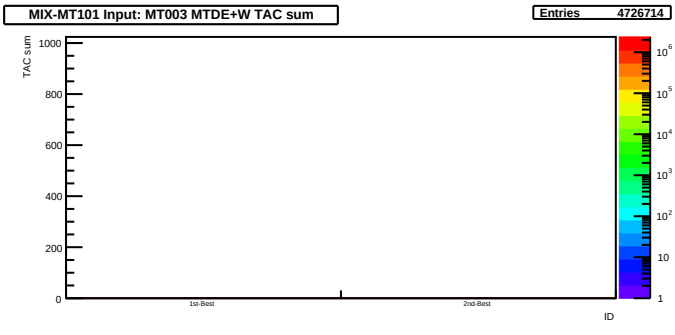

MXQ-MT002
Entries 7.562742e+07
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

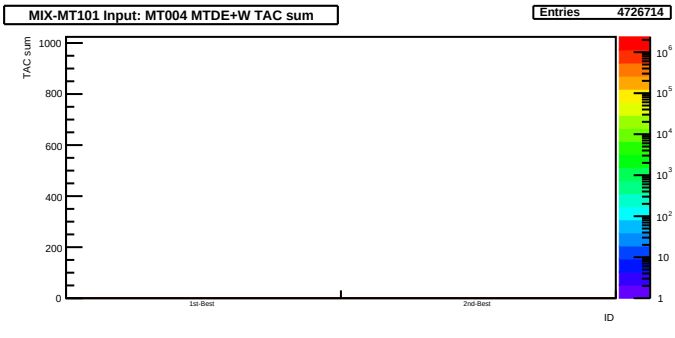

MXQ-MT003
Entries 7.562742e+07
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

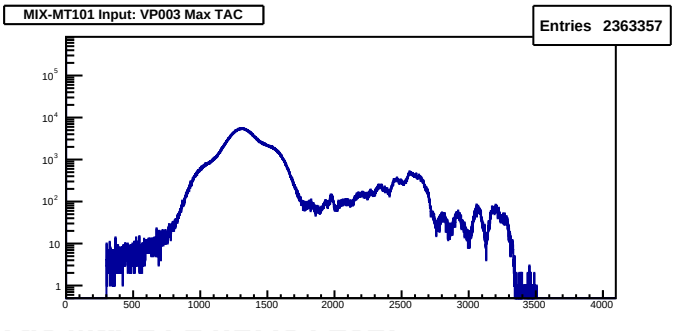

MXQ-MT004
Entries 7.562742e+07
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

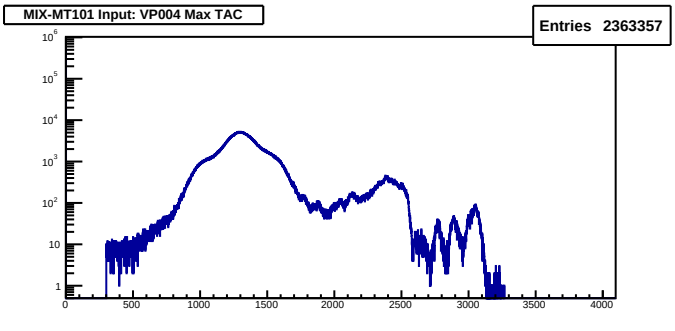

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 4726714
TAC sum
ID
1st-Best
2nd-Best

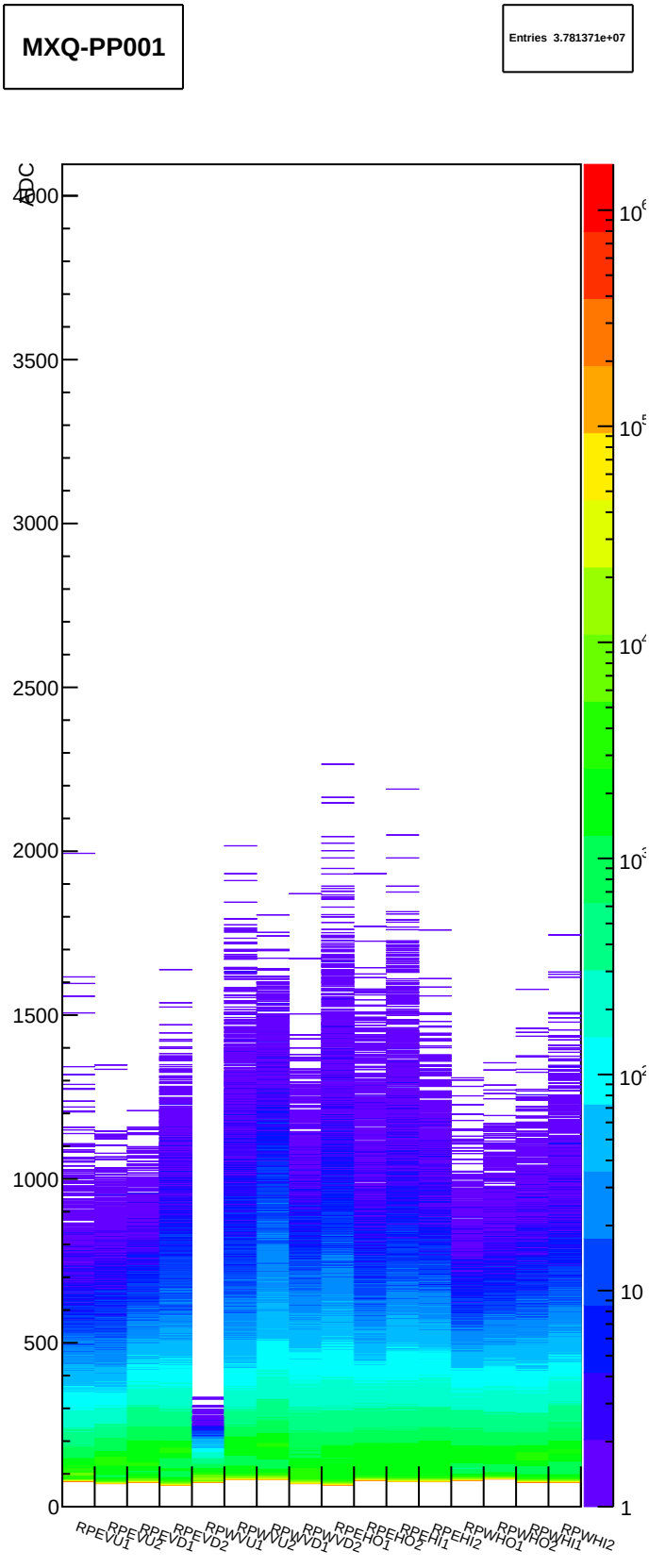

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 4726714
TAC sum
ID
1st-Best
2nd-Best

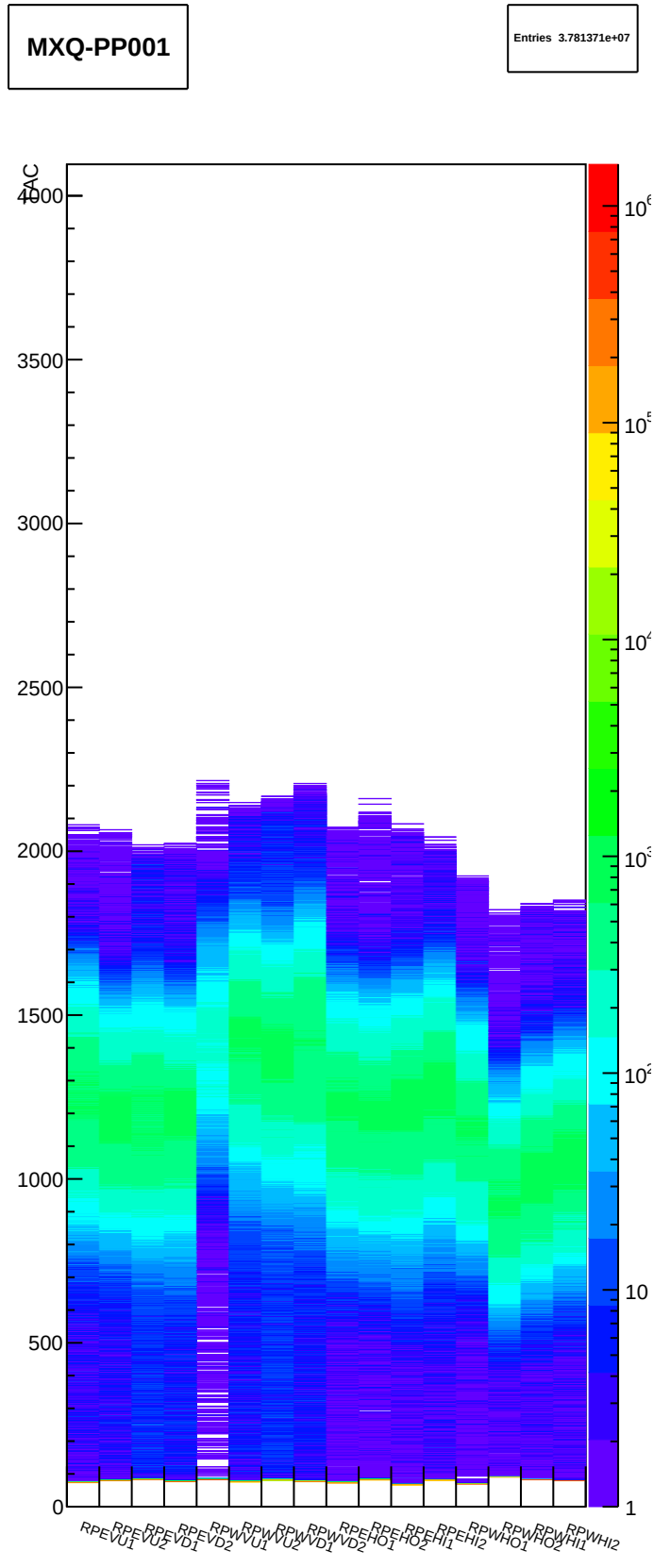

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 4726714
TAC sum
ID
1st-Best
2nd-Best

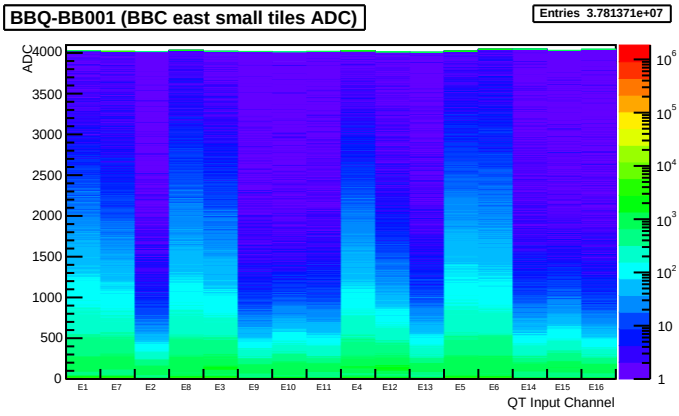

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 4726714
TAC sum
ID
1st-Best
2nd-Best

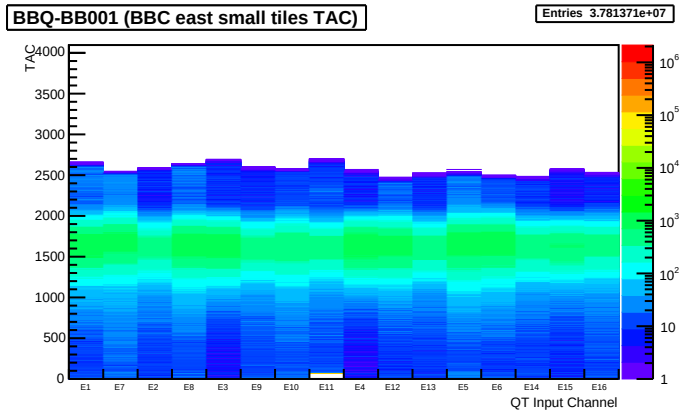

MIX-MT101 Input: VP003 Max TAC
Entries 2363357

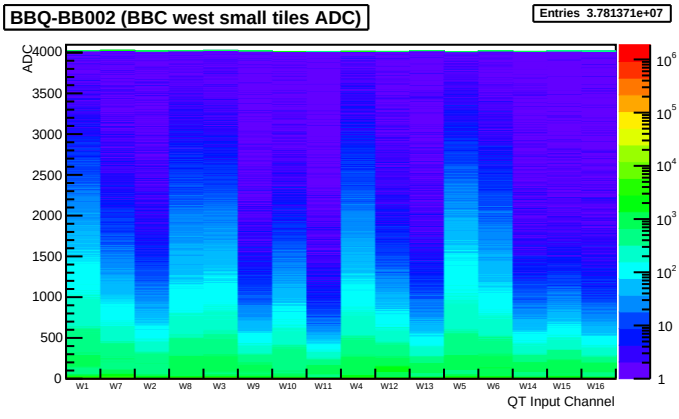

MIX-MT101 Input: VP004 Max TAC
Entries 2363357

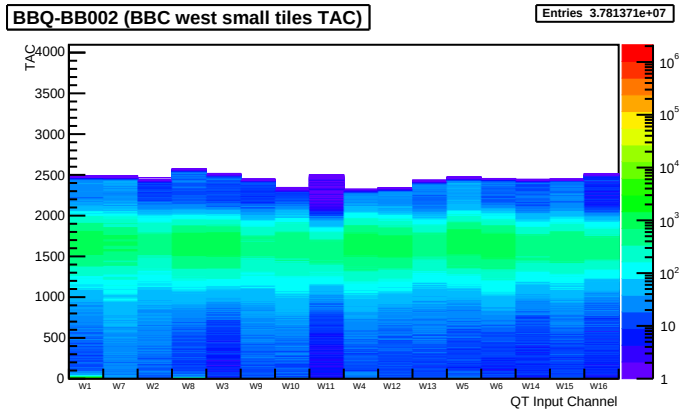

MXQ-PP001
Entries 3.781371e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

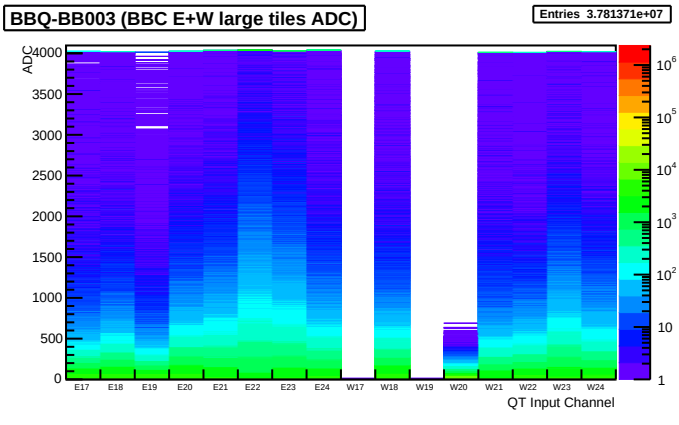

MXQ-PP001
Entries 3.781371e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

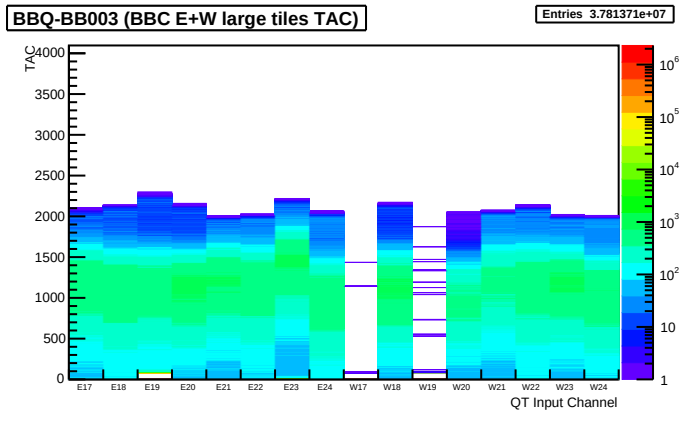

BBQ-BB001 (BBC east small tiles ADC)
Entries 3.781371e+07
ADC
QT Input Channel

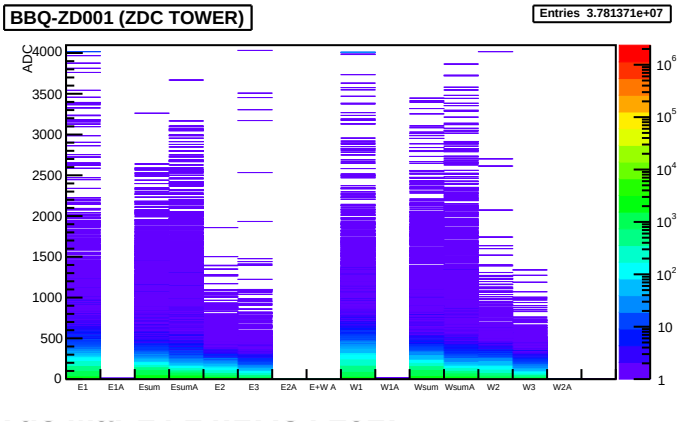

BBQ-BB001 (BBC east small tiles TAC)
Entries 3.781371e+07
TAC
QT Input Channel

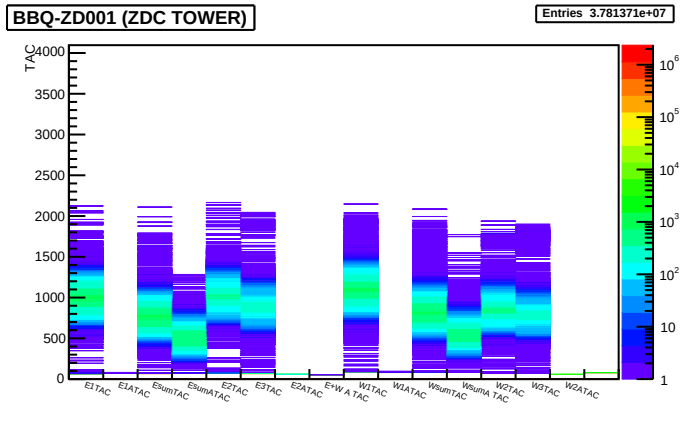

BBQ-BB002 (BBC west small tiles ADC)
Entries 3.781371e+07
ADC
QT Input Channel

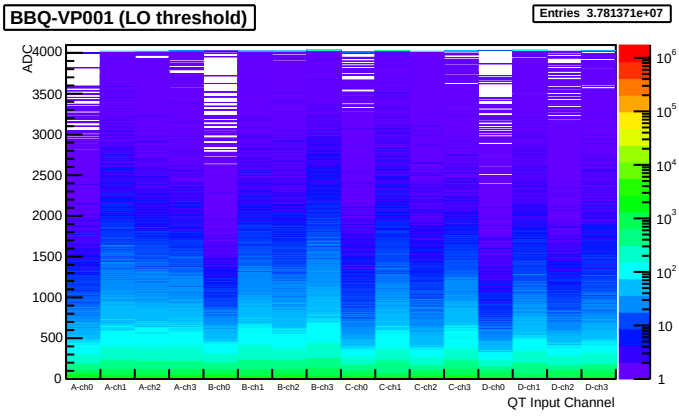

BBQ-BB002 (BBC west small tiles TAC)
Entries 3.781371e+07
TAC
QT Input Channel

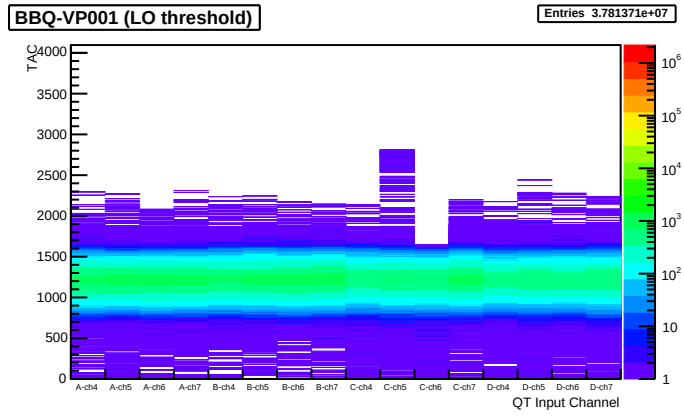

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 3.781371e+07
ADC
QT Input Channel

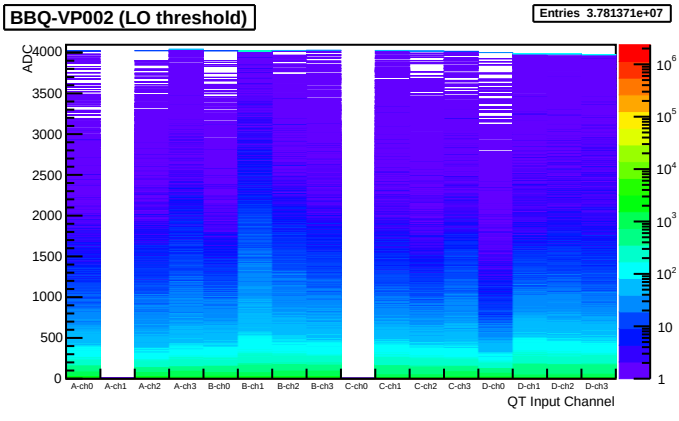

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 3.781371e+07
TAC
QT Input Channel

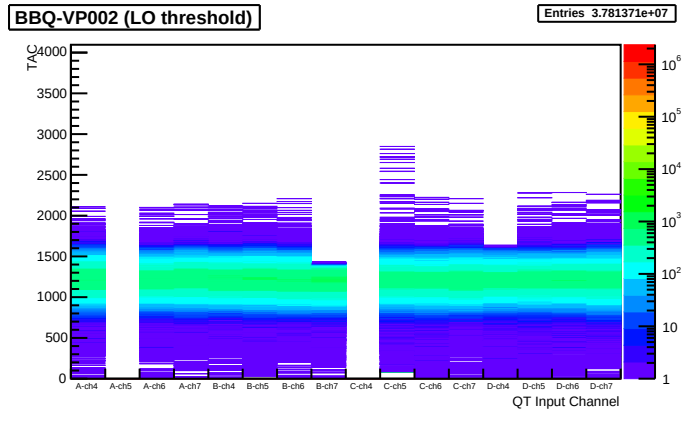

BBQ-ZD001 (ZDC TOWER)
Entries 3.781371e+07
ADC

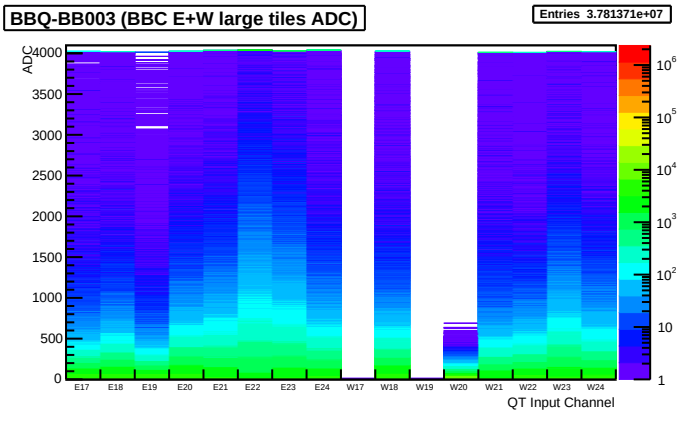

BBQ-ZD001 (ZDC TOWER)
Entries 3.781371e+07
TAC

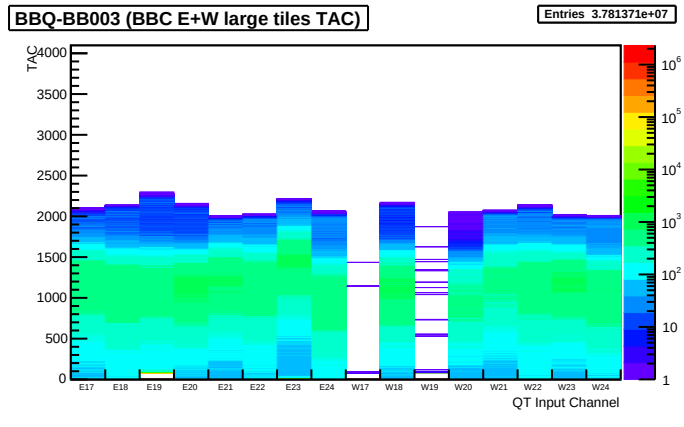

BBQ-VP001 (LO threshold)
Entries 3.781371e+07
ADC
QT Input Channel

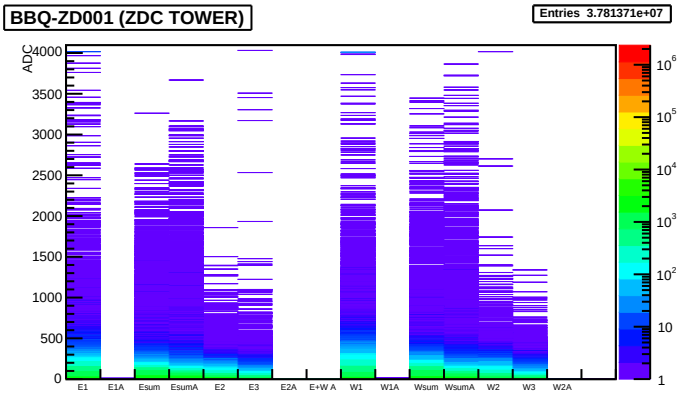

BBQ-VP001 (LO threshold)
Entries 3.781371e+07
TAC
QT Input Channel

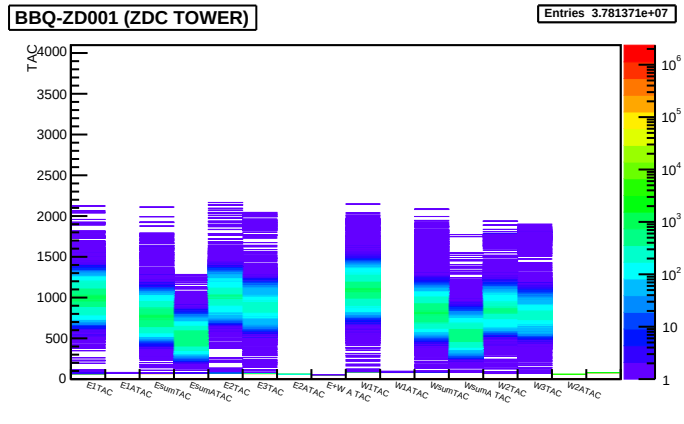

BBQ-VP002 (LO threshold)
Entries 3.781371e+07
ADC
QT Input Channel

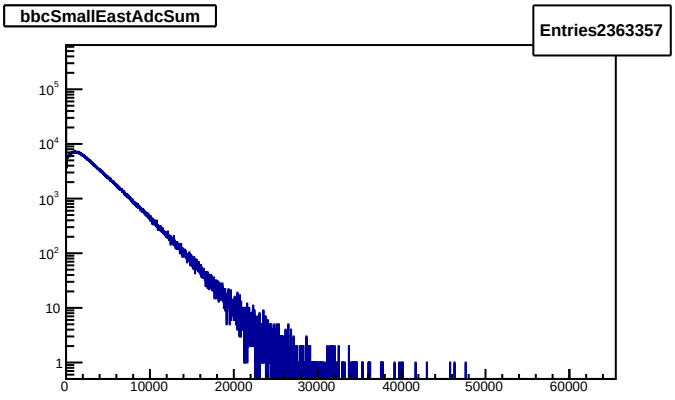

BBQ-VP002 (LO threshold)
Entries 3.781371e+07
TAC
QT Input Channel

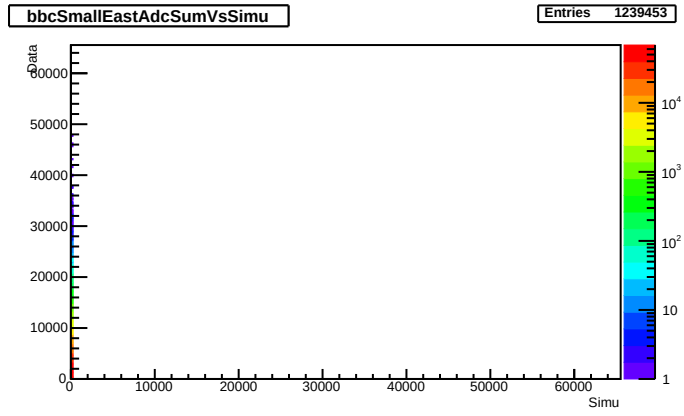

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 3.781371e+07
ADC
QT Input Channel

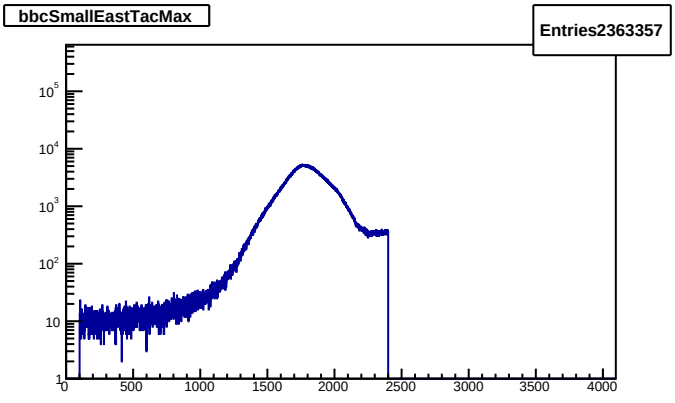

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 3.781371e+07
TAC
QT Input Channel

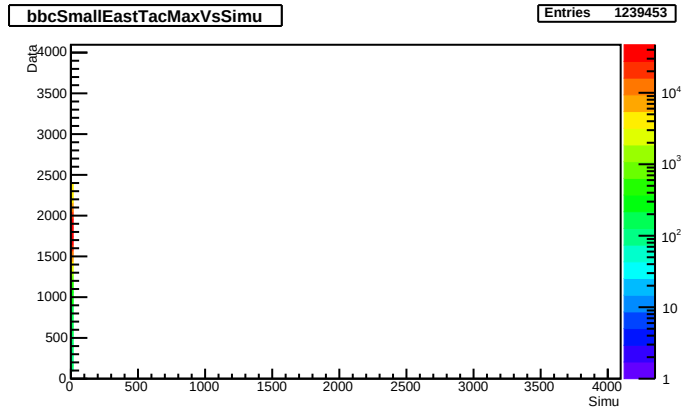

BBQ-ZD001 (ZDC TOWER)
Entries 3.781371e+07
ADC

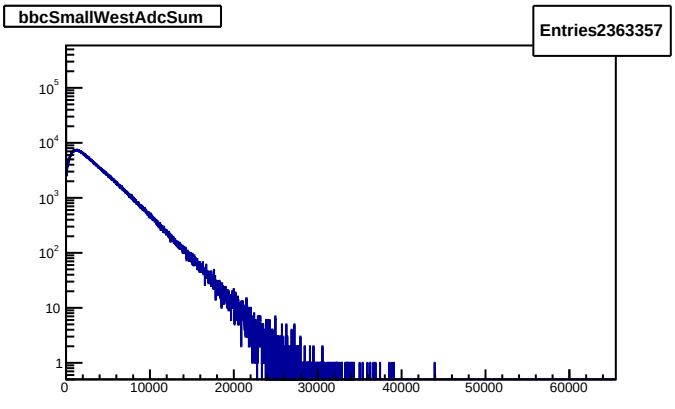

BBQ-ZD001 (ZDC TOWER)
Entries 3.781371e+07
TAC

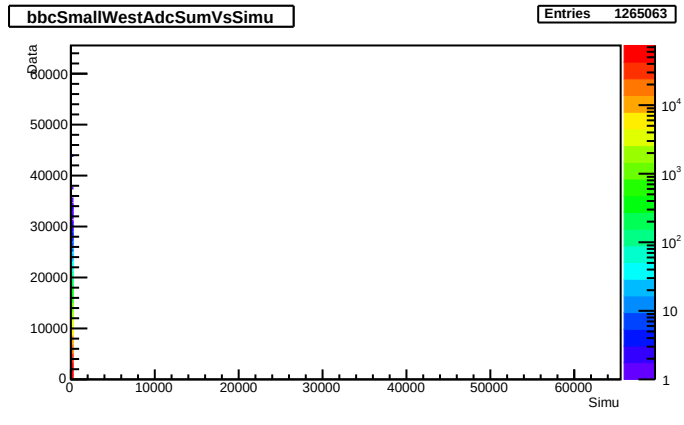

bbcSmallEastAdcSum
Entries2363357

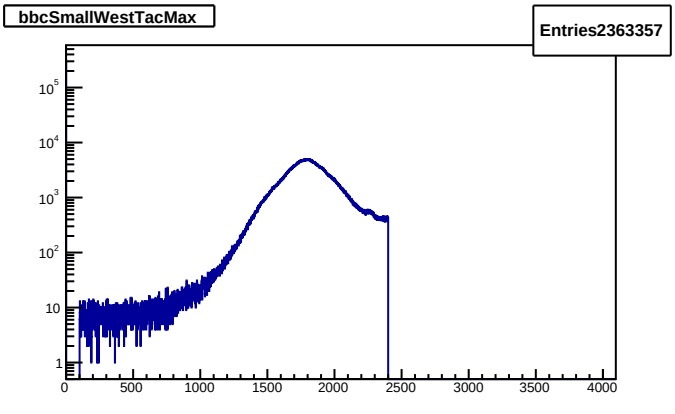

bbcSmallEastAdcSumVsSimu
Entries 1239453
Data
Simu

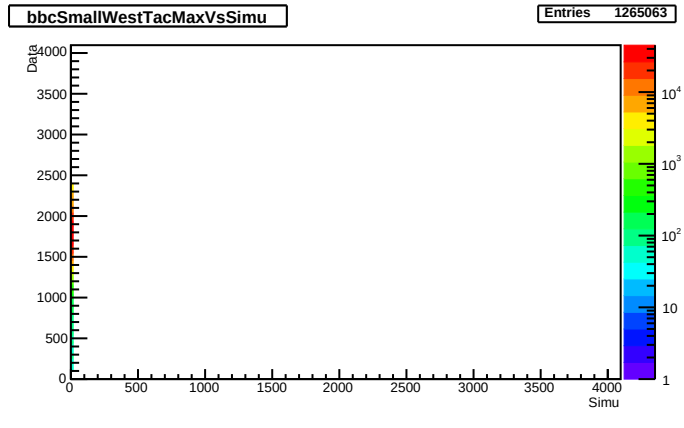

bbcSmallEastTacMax
Entries2363357

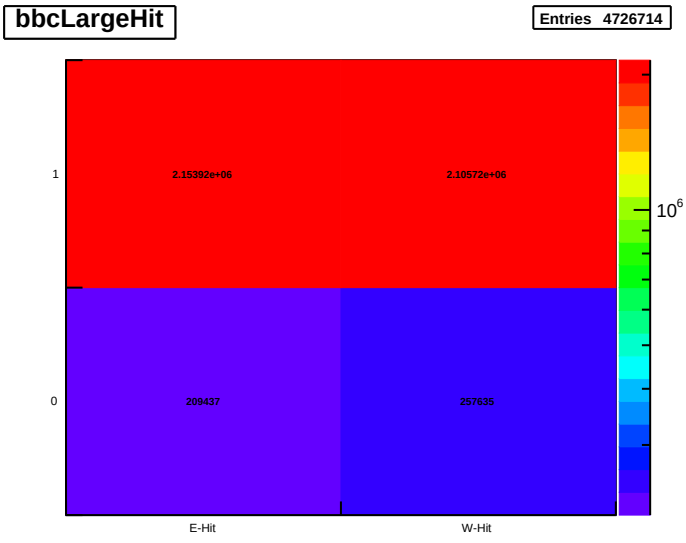

bbcSmallEastTacMaxVsSimu
Entries 1239453
Data
Simu

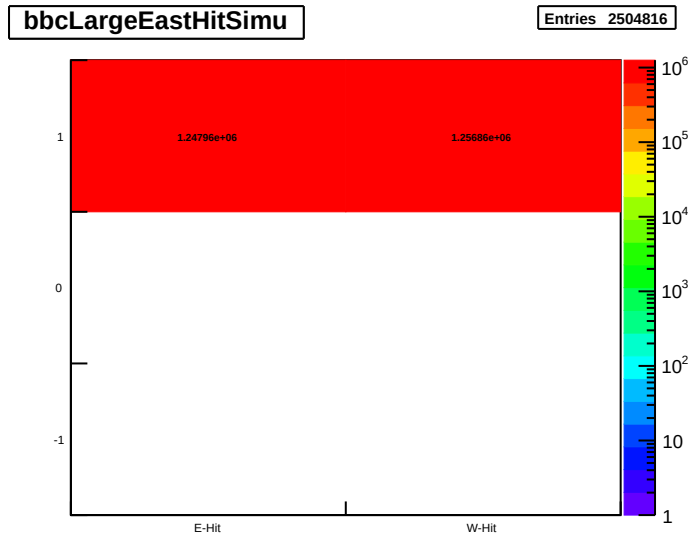

bbcSmallWestAdcSum
Entries2363357

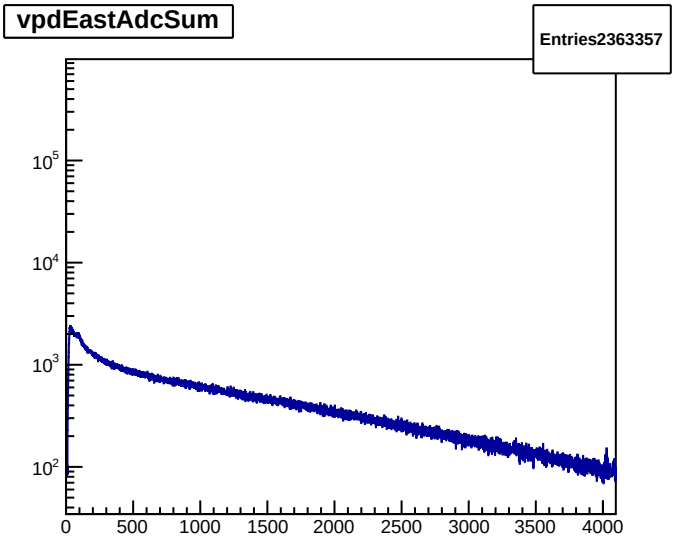

bbcSmallWestAdcSumVsSimu
Entries 1265063
Data
Simu

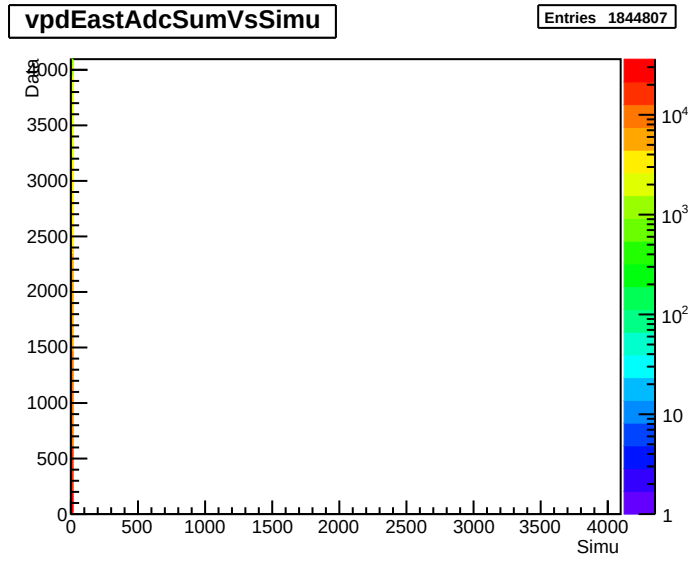

bbcSmallWestTacMax
Entries2363357

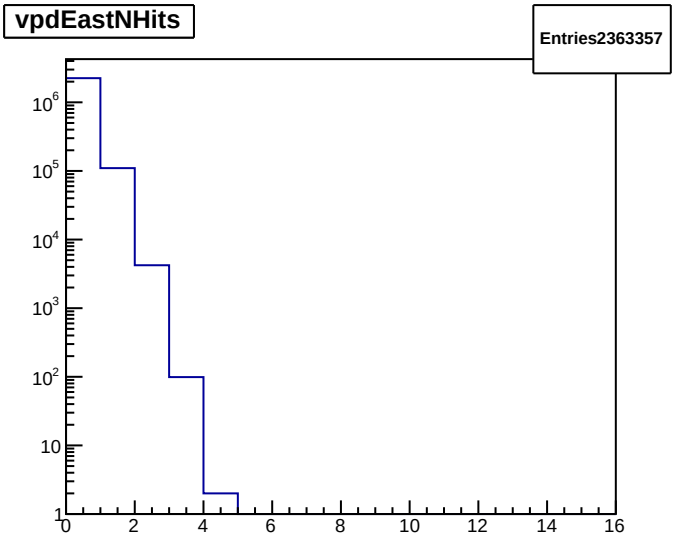

bbcSmallWestTacMaxVsSimu
Entries 1265063
Data
Simu

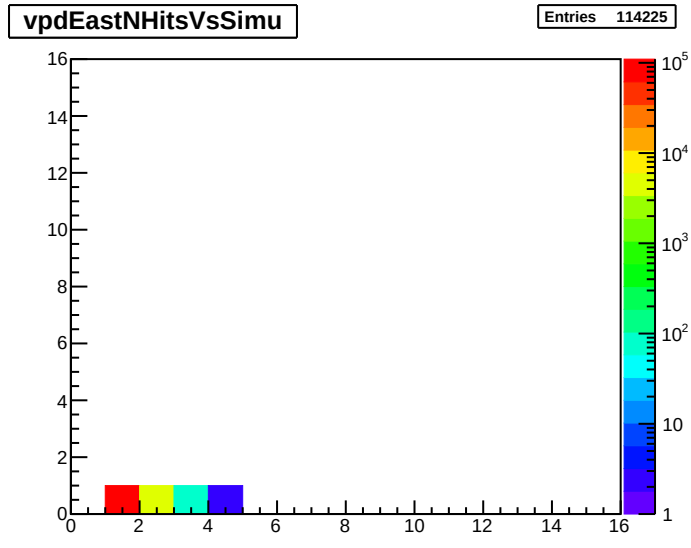

bbcLargeHit
Entries 4726714
1
0
2.15392e+06
2.10572e+06
209437
257635
E-Hit
W-Hit
10^6

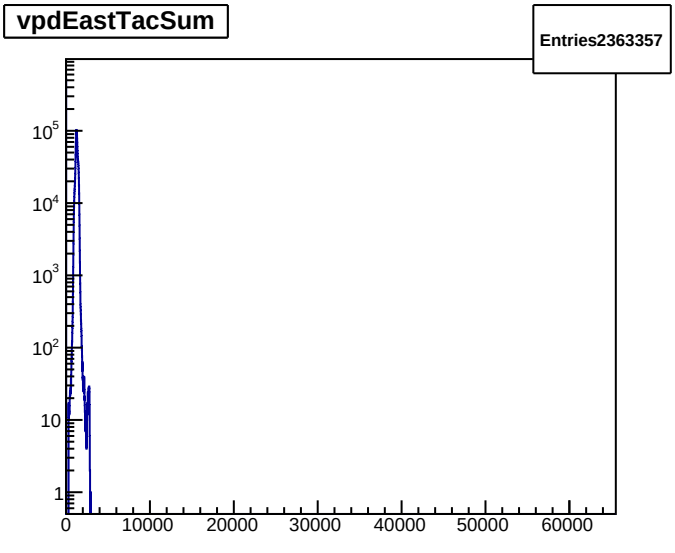

bbcLargeEastHitSimu
Entries 2504816
1
0
-1
1.24796e+06
1.25686e+06
E-Hit
W-Hit
10^6
10^5
10^4
10^3
10^2
10
1

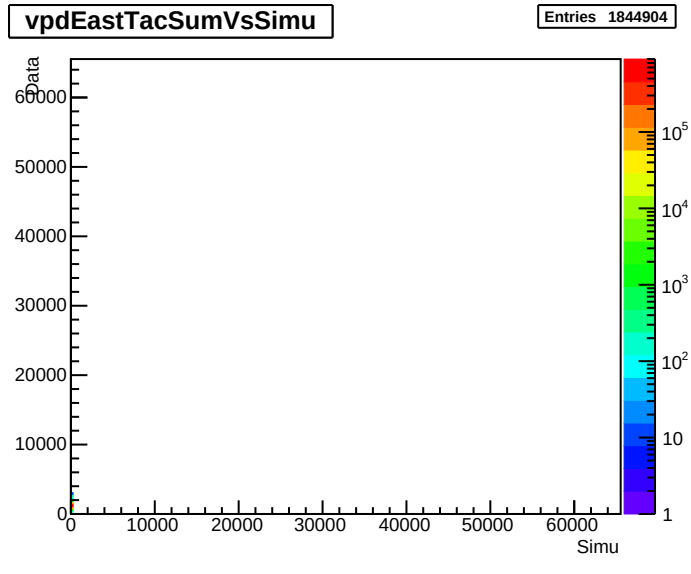

vpdEastAdcSum
Entries2363357

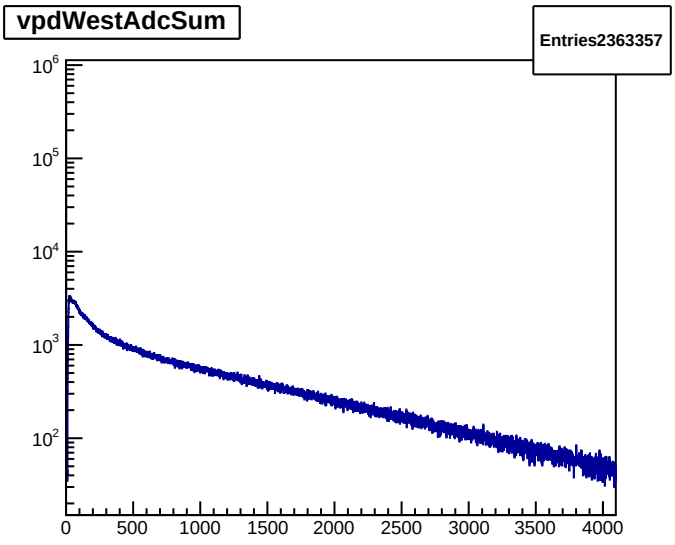

vpdEastAdcSumVsSimu
Entries 1844807
Data
Simu

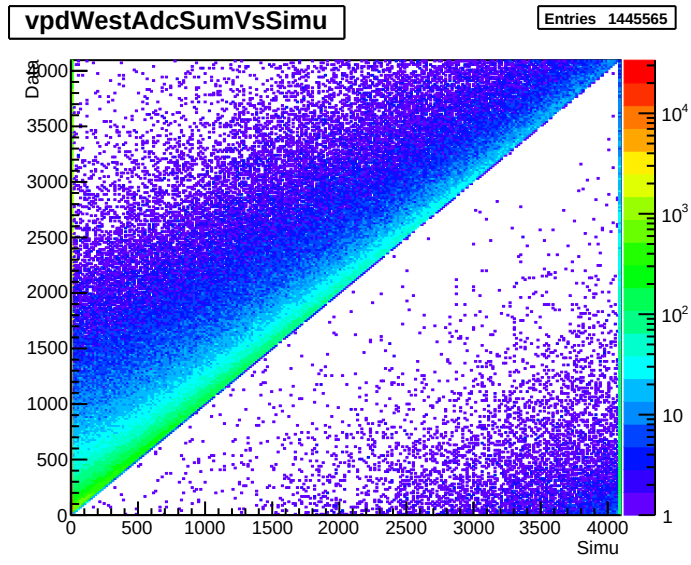

vpdEastNHits
Entries2363357

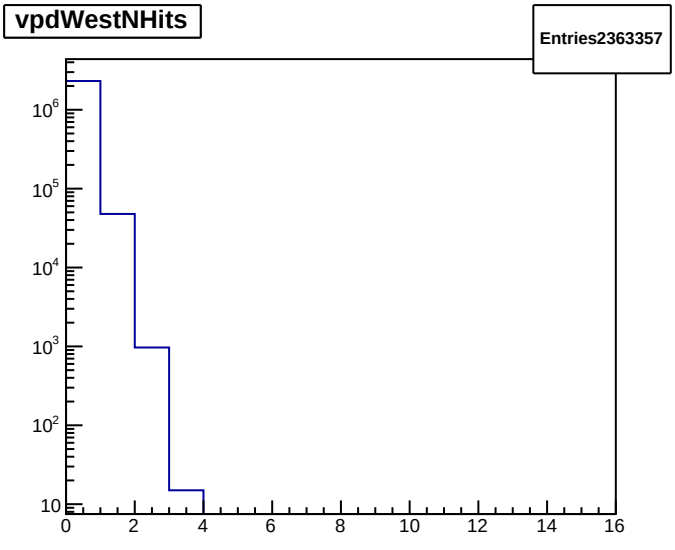

vpdEastNHitsVsSimu
Entries 114225

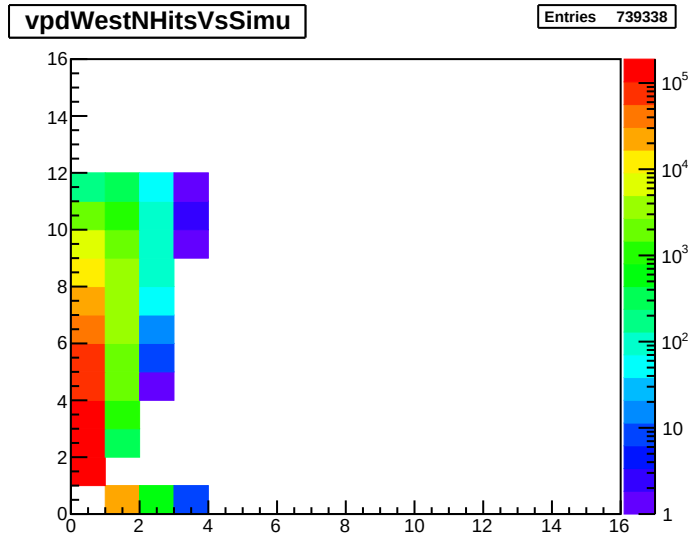

vpdEastTacSum
Entries2363357

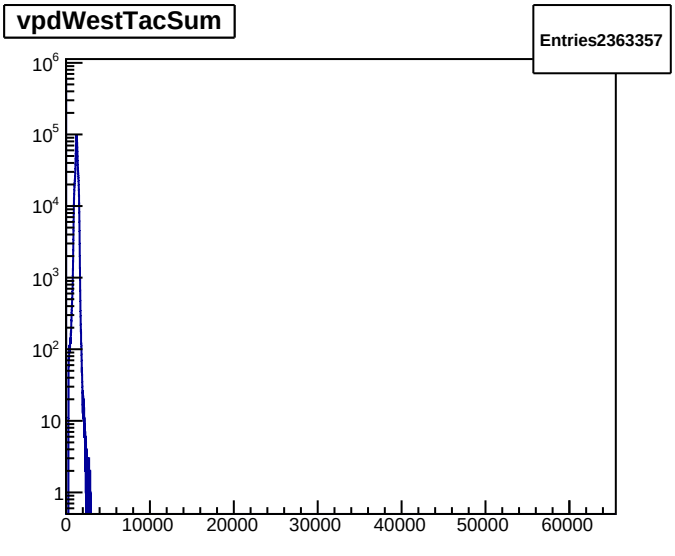

vpdEastTacSumVsSimu
Entries 1844904
Data
Simu

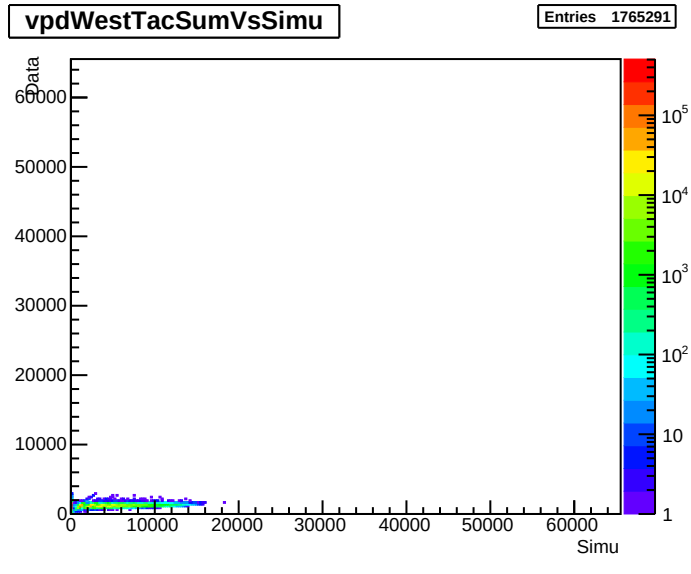

vpdWestAdcSum
Entries2363357

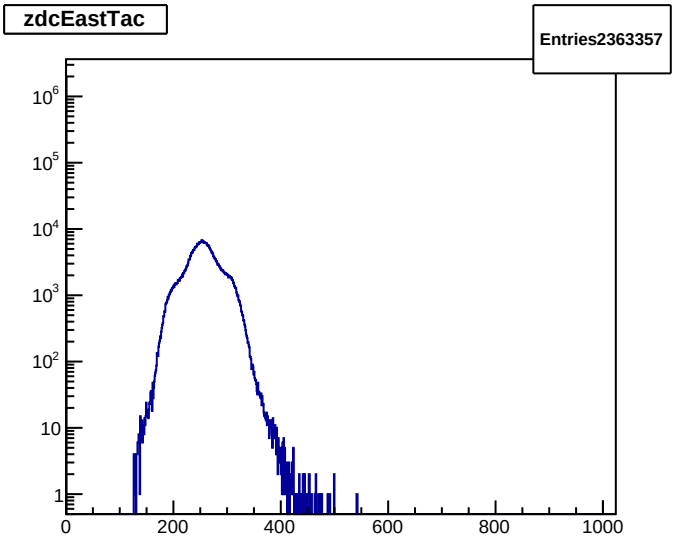

vpdWestAdcSumVsSimu
Entries 1445565
Data
Simu

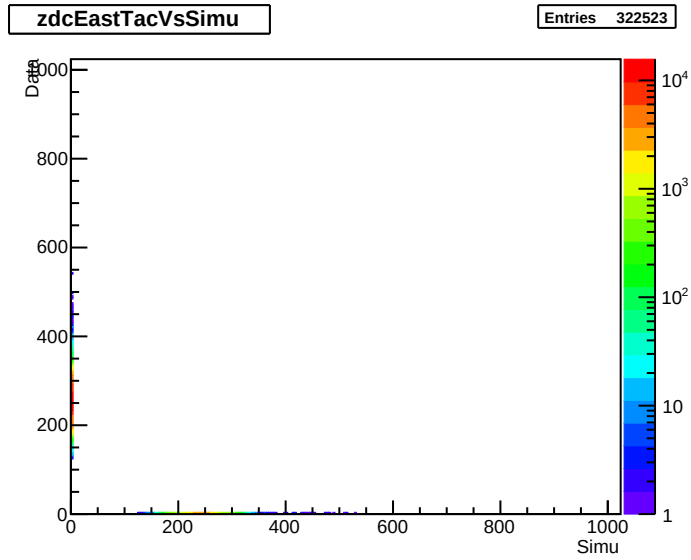

vpdWestNHits
Entries2363357

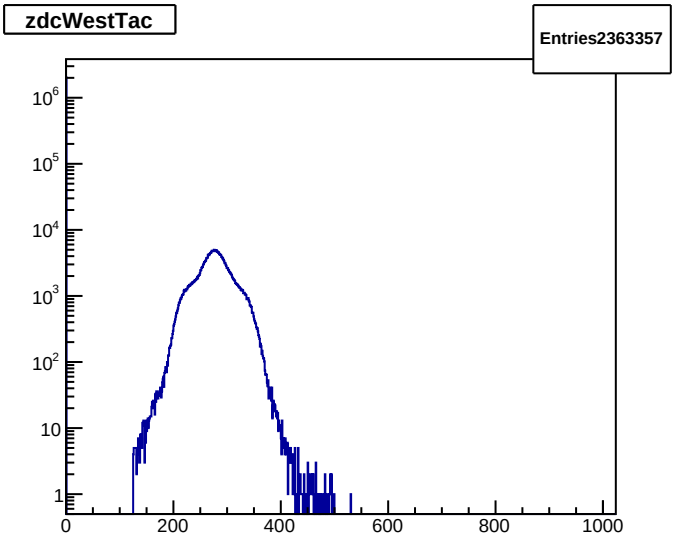

vpdWestNHitsVsSimu
Entries 739338

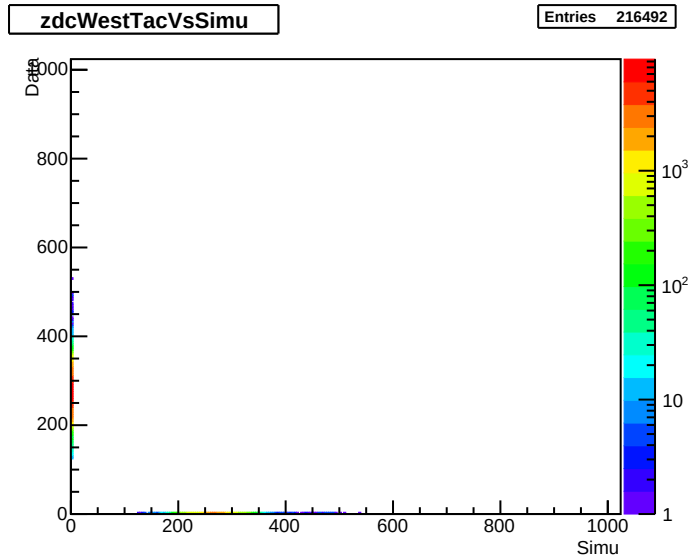

vpdWestTacSum
Entries2363357

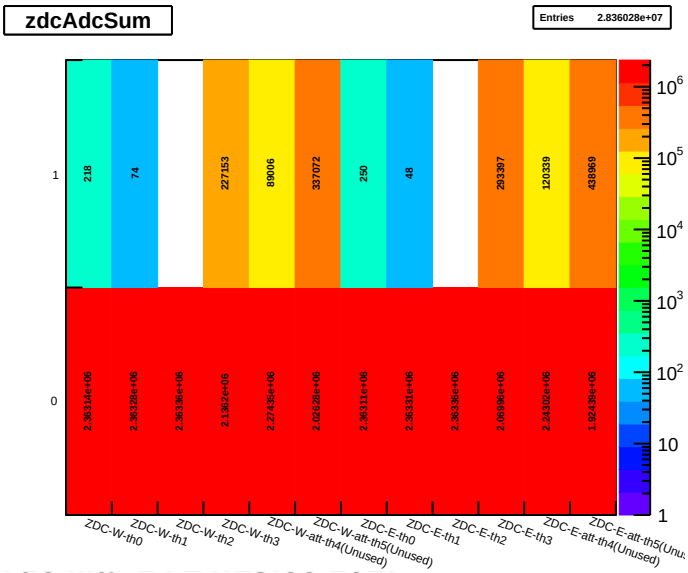

vpdWestTacSumVsSimu
Entries 1765291
Data
Simu

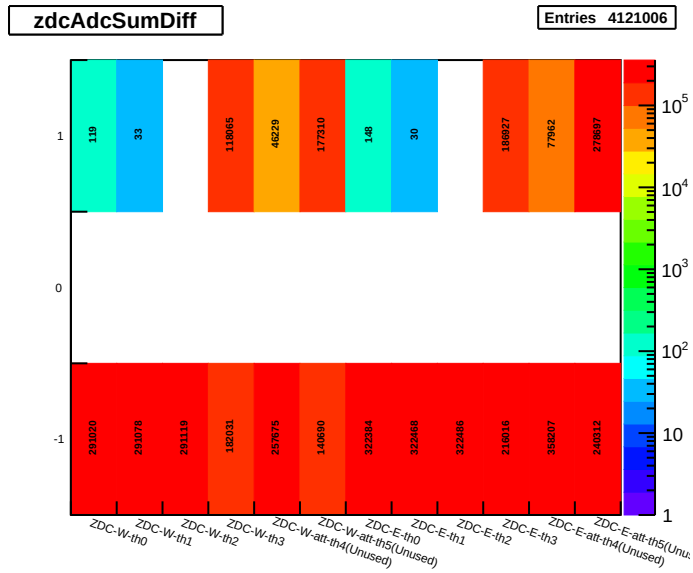

zdcEastTac
Entries2363357

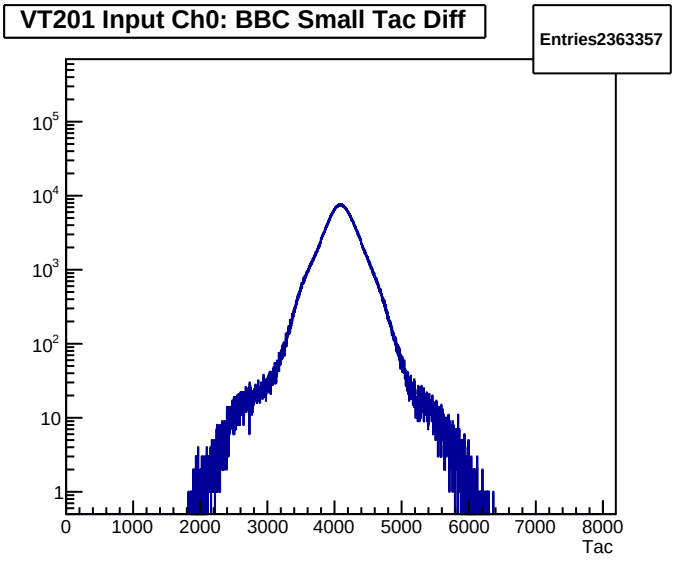

zdcEastTacVsSimu
Entries 322523
Data
Simu

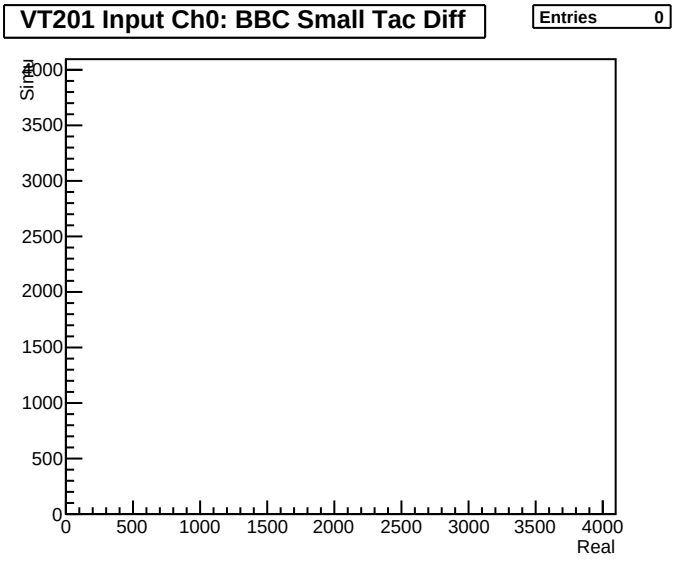

zdcWestTac
Entries2363357

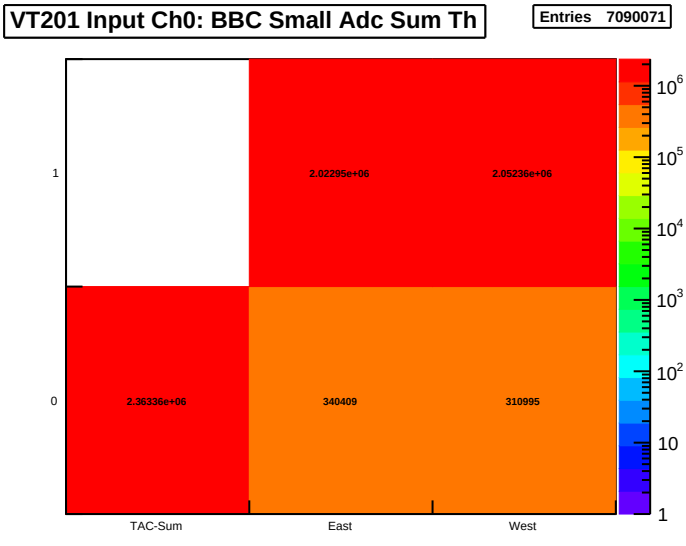

zdcWestTacVsSimu
Entries 216492
Data
Simu

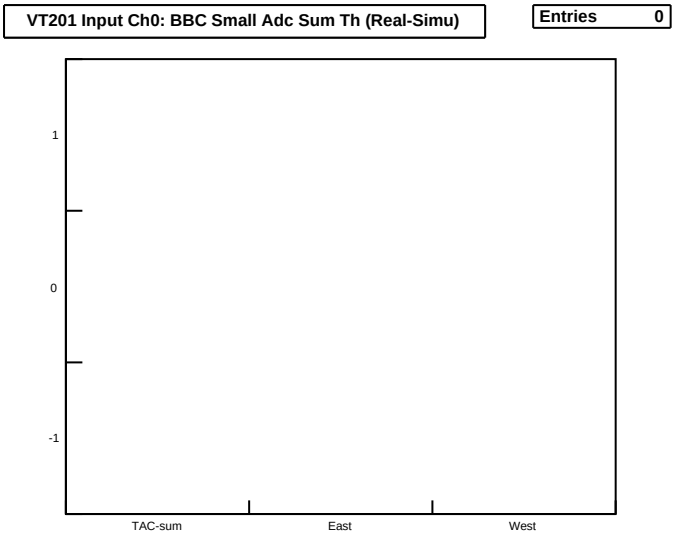

zdcAdcSum
Entries 2.836028e+07
218
74
227153
89006
337072
250
48
293397
120339
438969
2.36314e+06
2.36328e+05
2.36336e+06
2.13862e+06
2.27435e+06
2.02628e+05
2.36311e+06
2.36331e+06
2.36336e+05
2.06896e+06
2.24302e+06
1.92439e+06
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

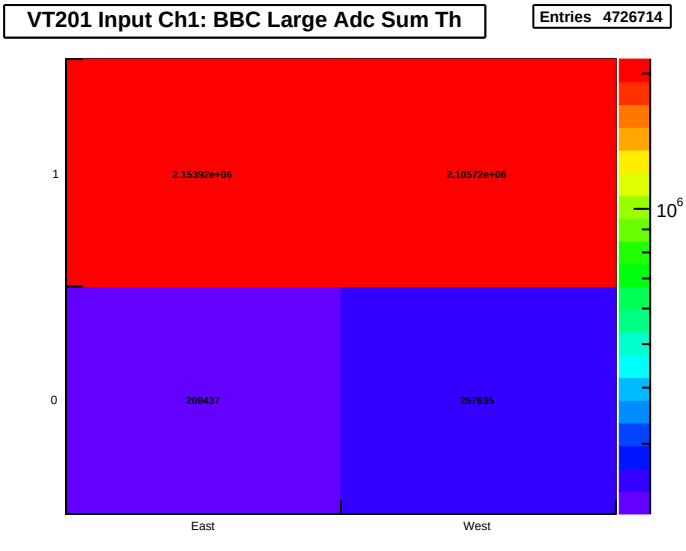

zdcAdcSumDiff
Entries 4121006
119
33
118065
46229
177310
148
30
186927
77962
278597
291020
291078
291119
182031
257675
140690
322394
322468
322486
216016
353207
240312
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

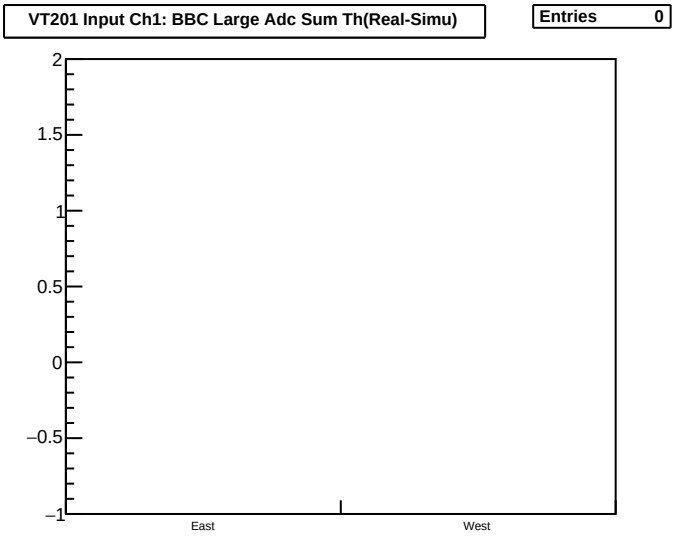

VT201 Input Ch0: BBC Small Tac Diff
Entries2363357
Tac


VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

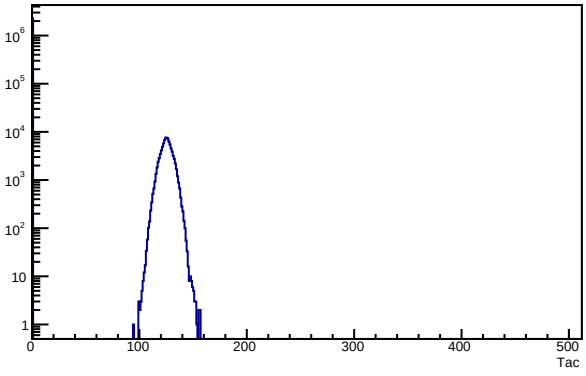

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 7090071
2.02295e+06
2.05236e+06
2.36336e+06
340409
310995
TAC-Sum
East
West


VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
TAC-sum
East
West

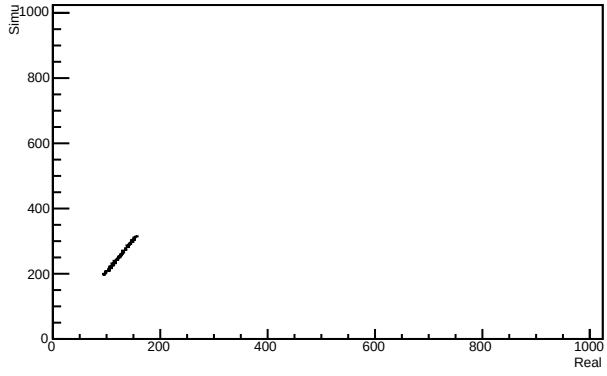

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 4726714
2.15392e+06
2.10572e+06
209437
257635
East
West


VT201 Input Ch1: BBC Large Adc Sum Th(Real-Simu)
Entries 0
East
West

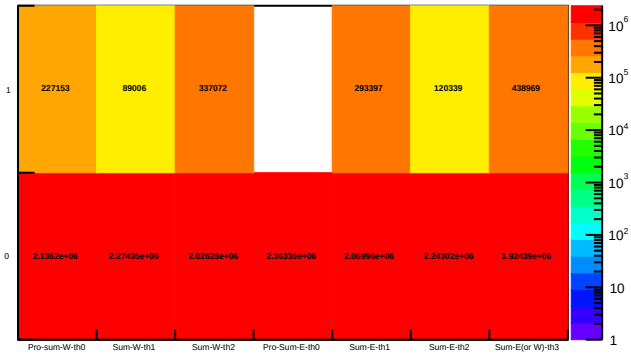
VT201 Input Ch2: ZDC Tac Diff



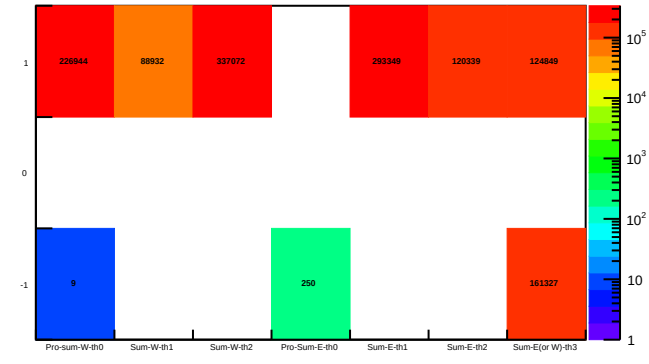
VT201 Input Ch2: ZDC Tac Diff



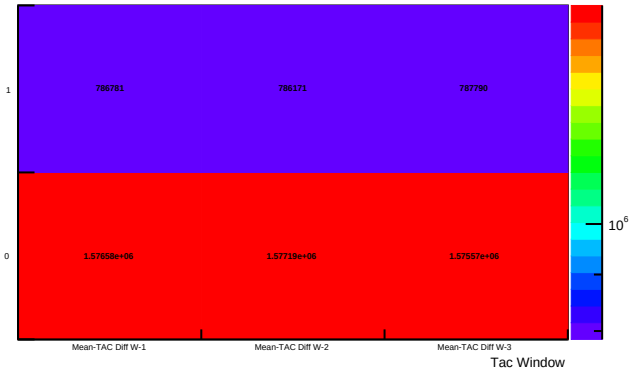
VT201 Input Ch2: ZDC Adc Sum Th



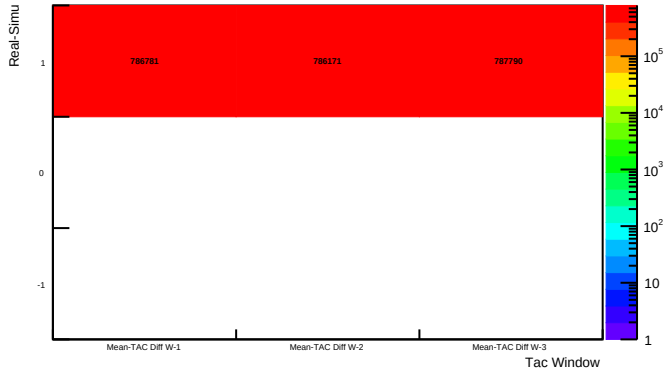
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



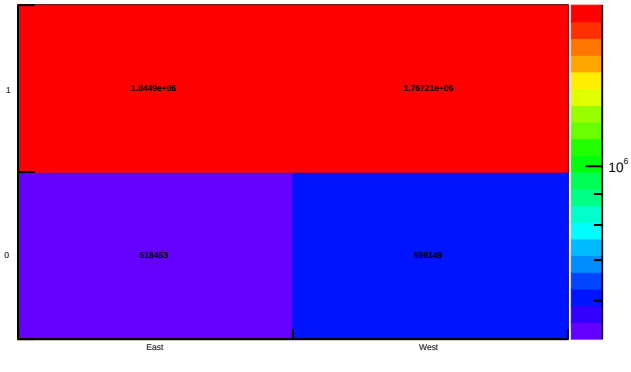
VT201 Input Ch4: VPD Tac Diff



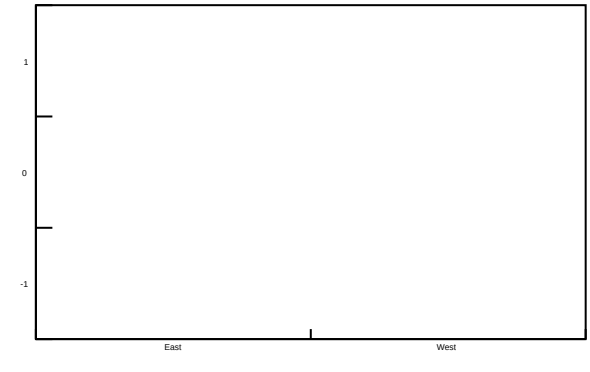
VT201 Input Ch4: VPD Tac Diff

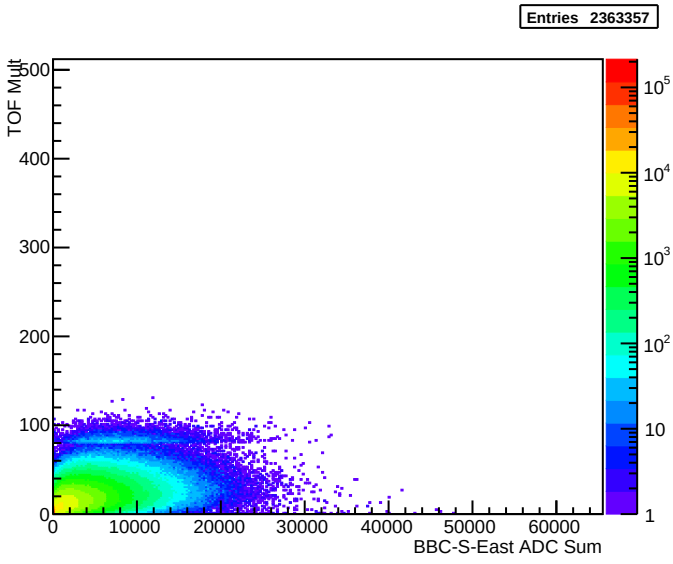


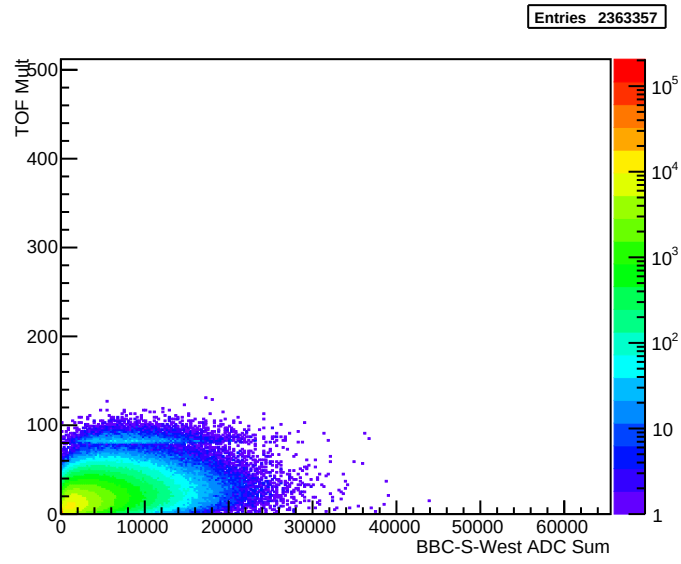
VT201 Input Ch4: VPD Adc Sum Th

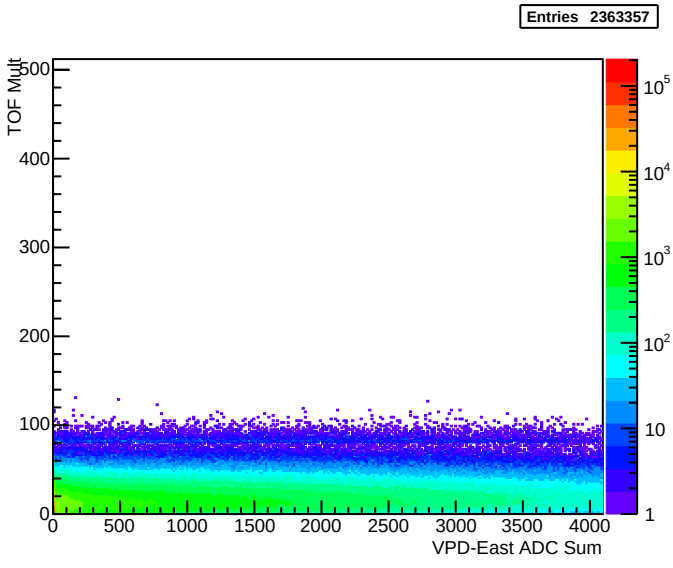


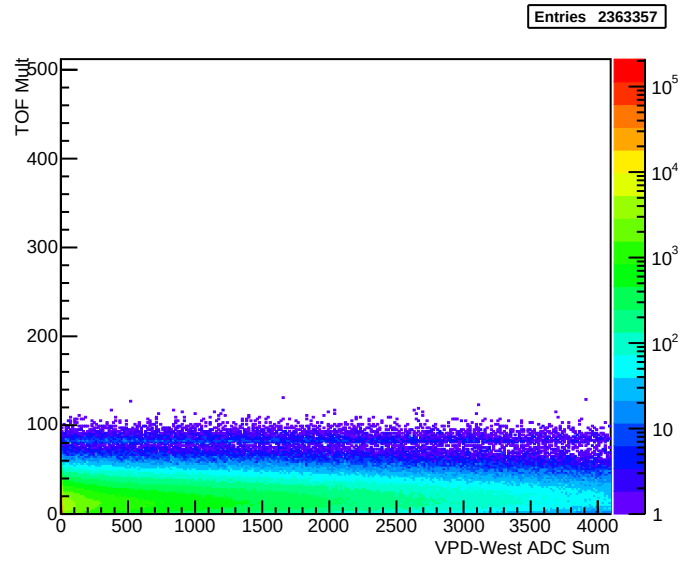
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

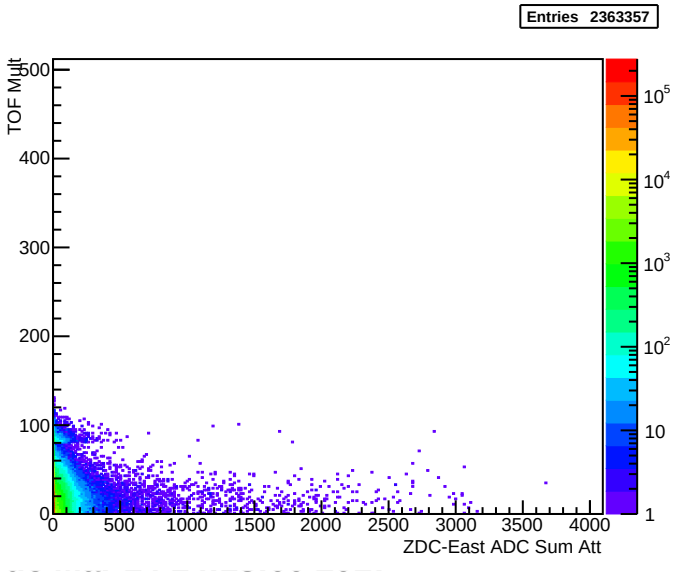


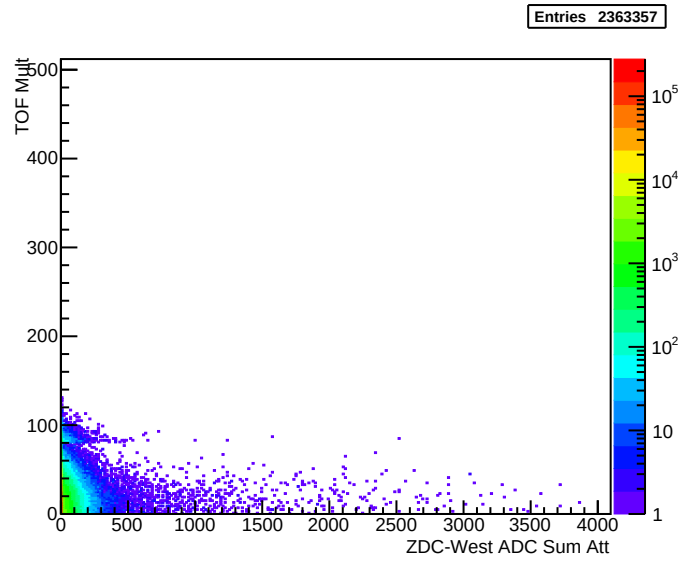

Entries 2363357
TOF Mult
BBC-S-East ADC Sum

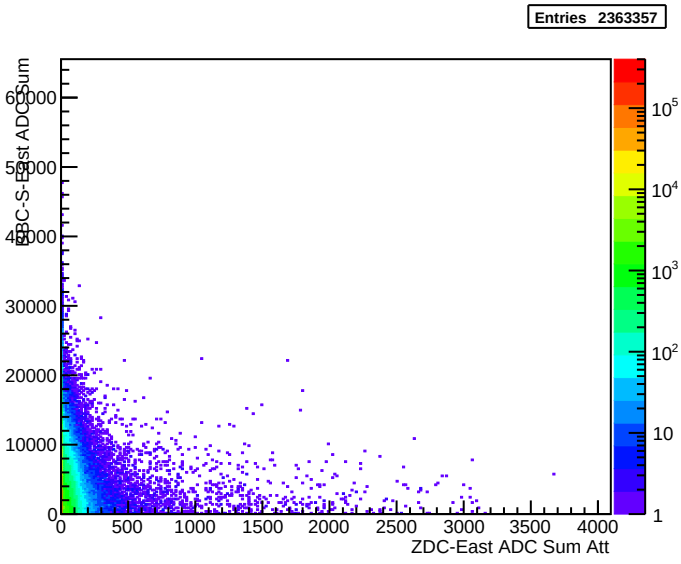

Entries 2363357
TOF Mult
BBC-S-West ADC Sum

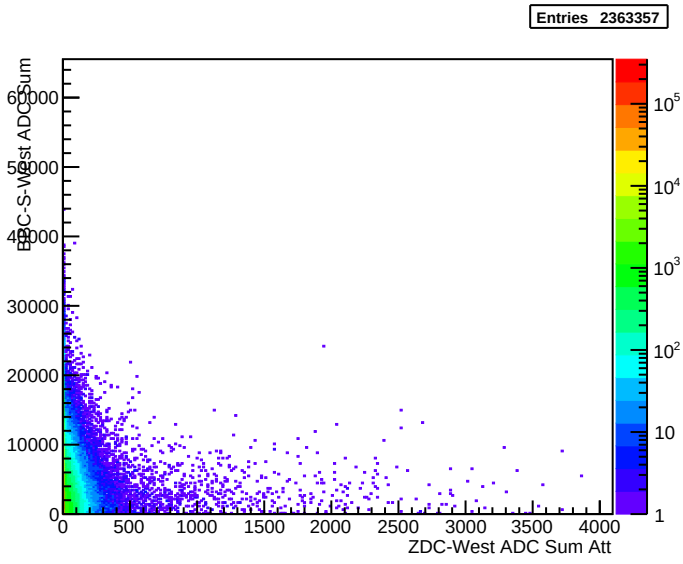

Entries 2363357
TOF Mult
VPD-East ADC Sum

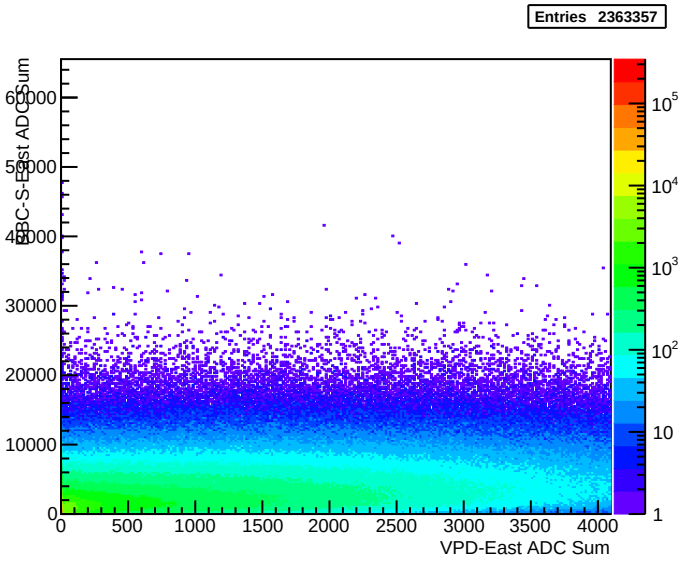

Entries 2363357
TOF Mult
VPD-West ADC Sum

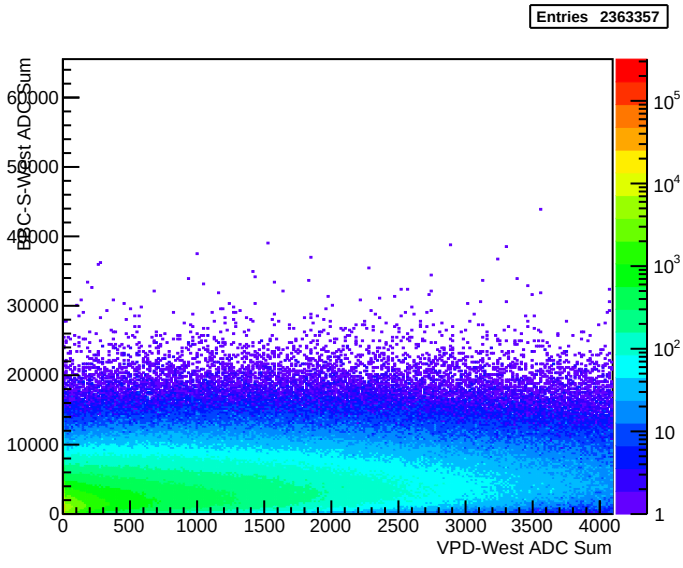

Entries 2363357
TOF Mult
ZDC-East ADC Sum Att

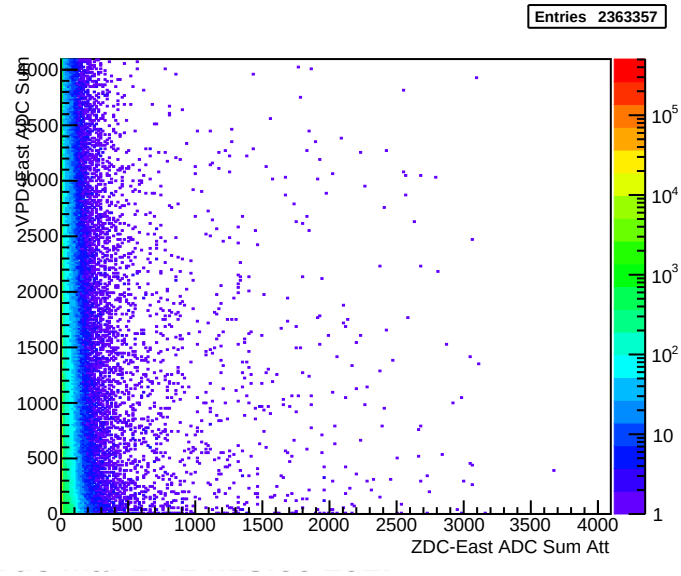

Entries 2363357
TOF Mult
ZDC-West ADC Sum Att

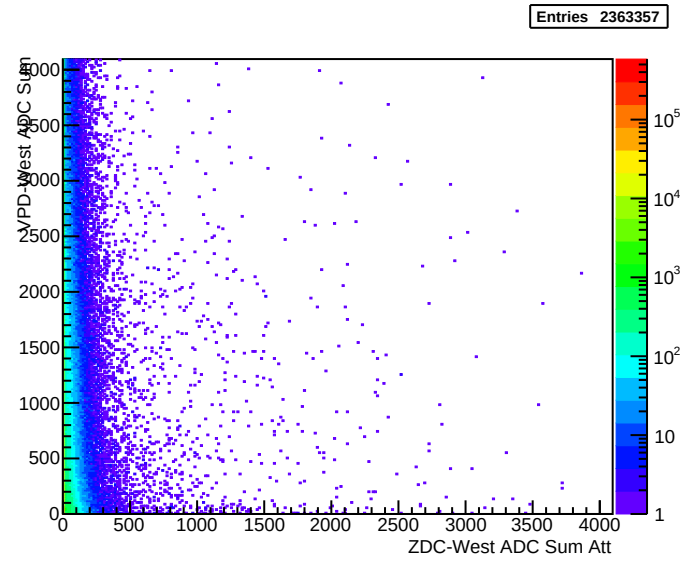

Entries 2363357
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

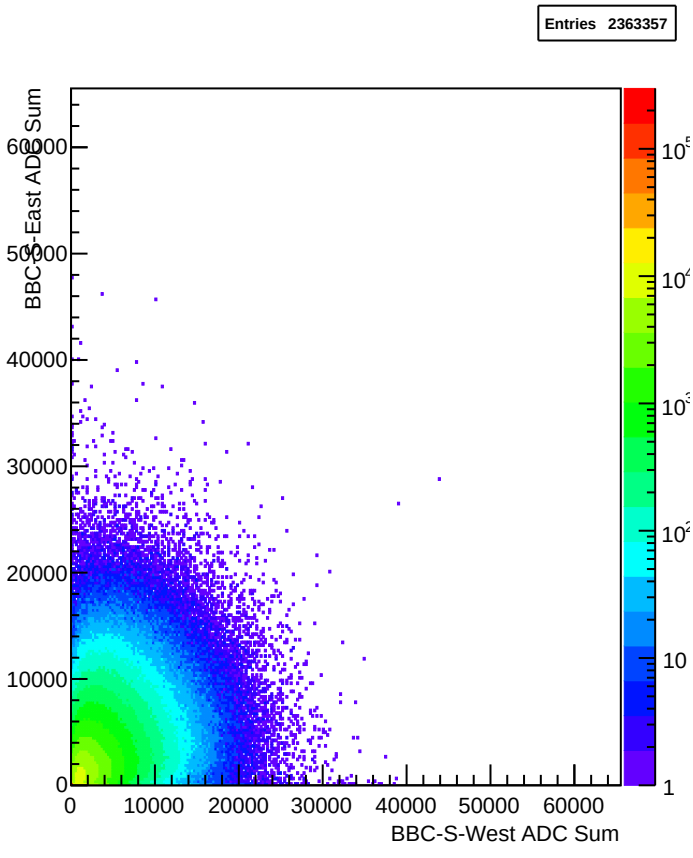

Entries 2363357
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

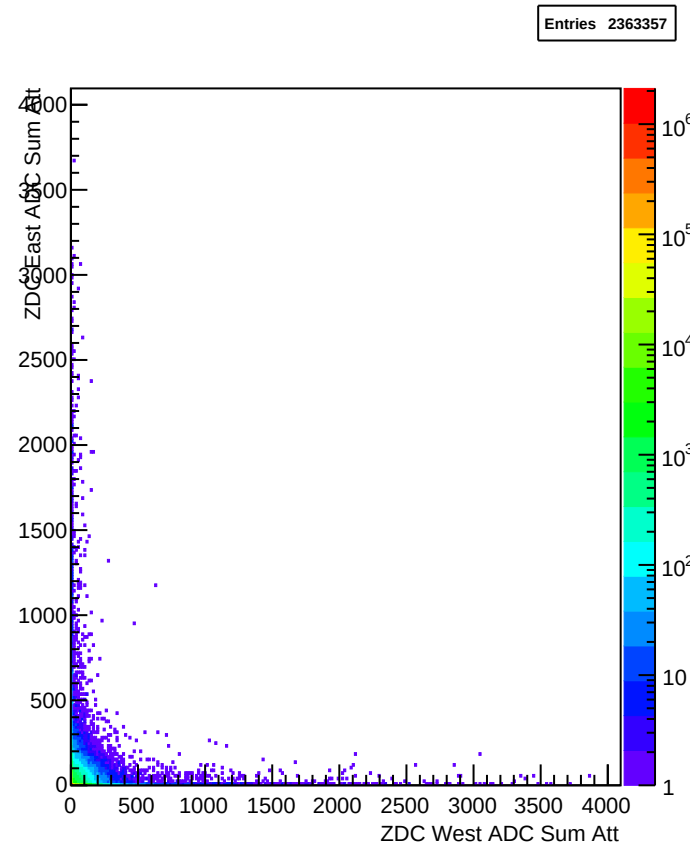

Entries 2363357
BBC-S-East ADC Sum
VPD-East ADC Sum

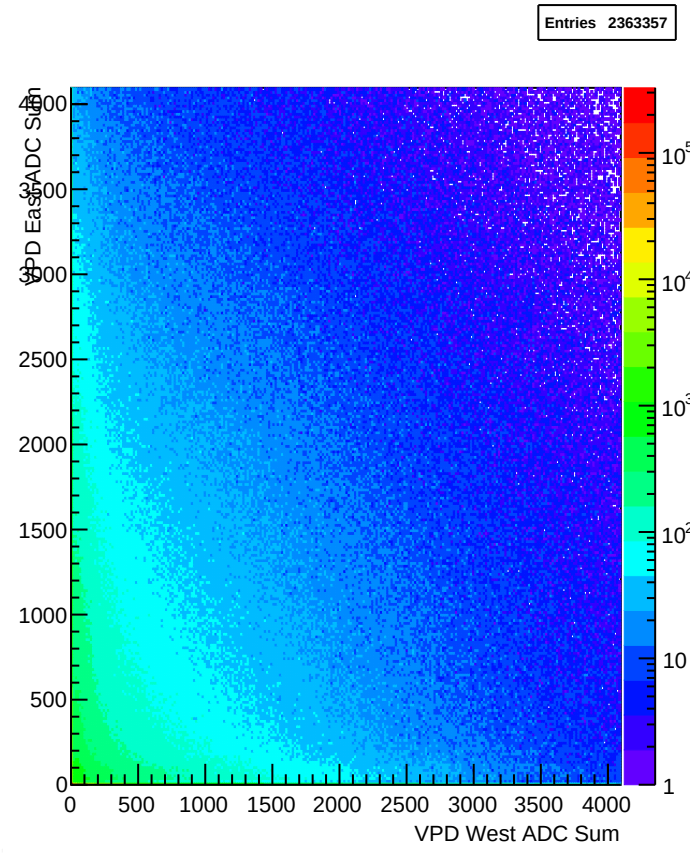

Entries 2363357
BBC-S-West ADC Sum
VPD-West ADC Sum

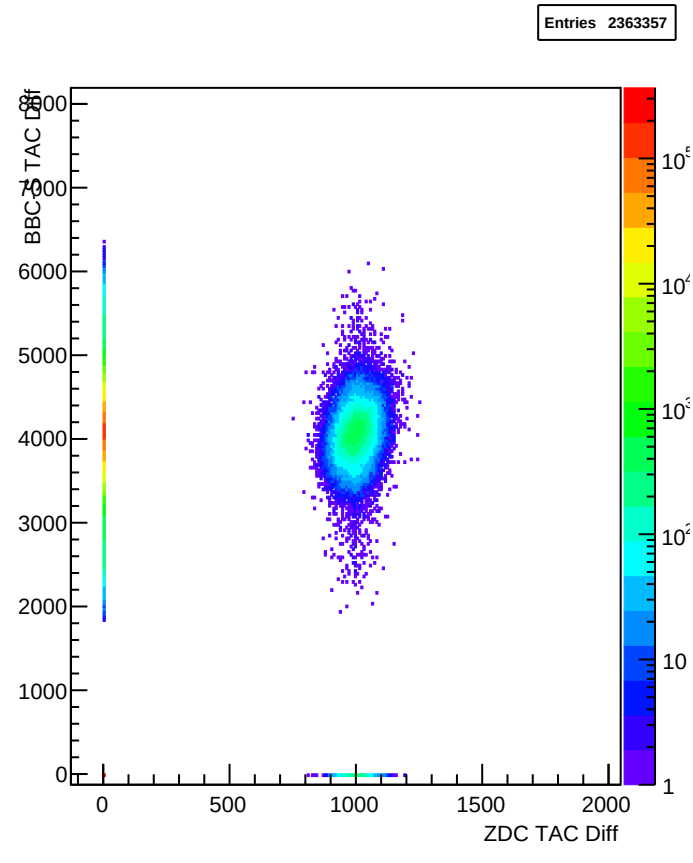

Entries 2363357
VPD-East ADC Sum
ZDC-East ADC Sum Att

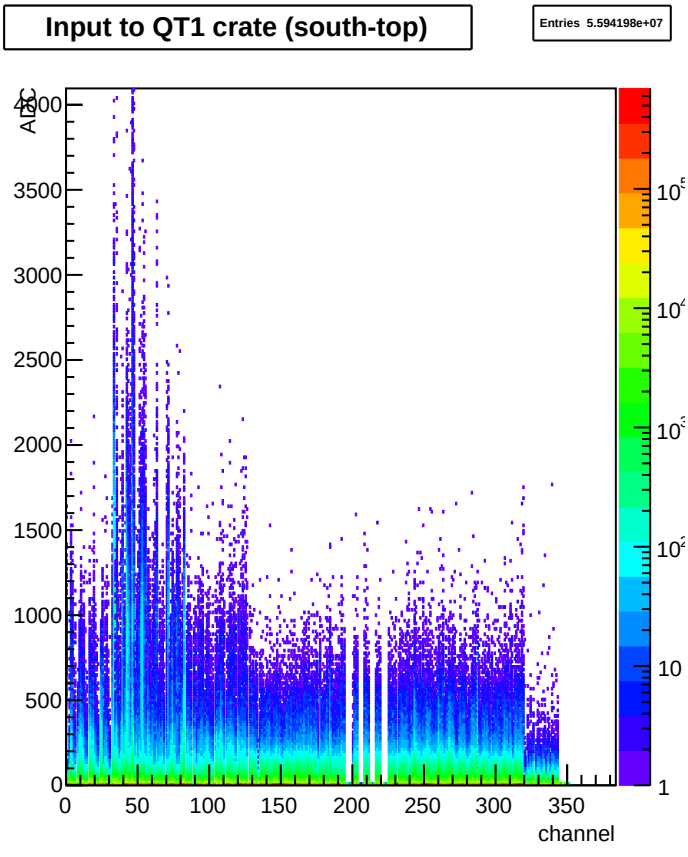

Entries 2363357
VPD-West ADC Sum
ZDC-West ADC Sum Att

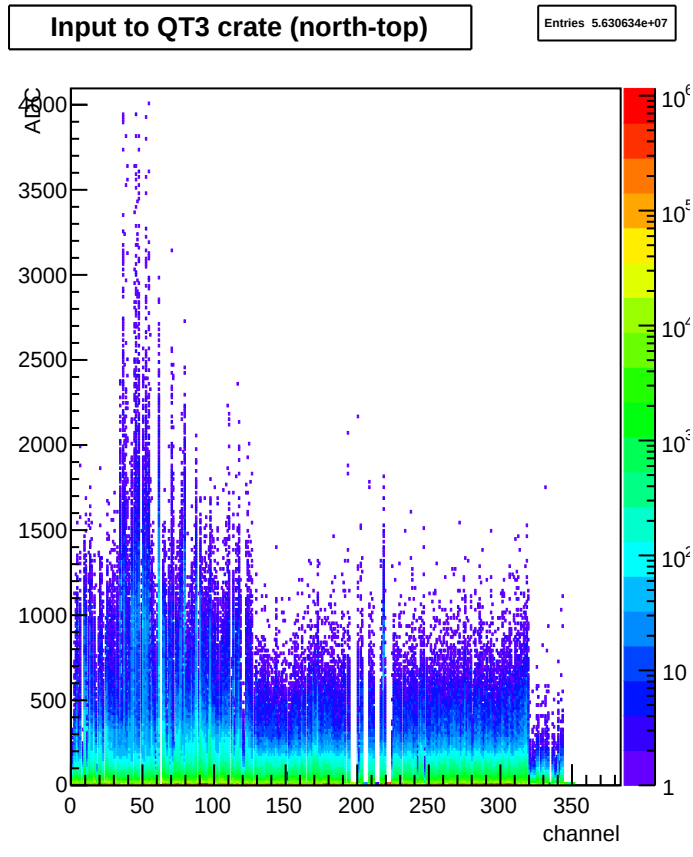

Entries 2363357
BBC-S-East ADC Sum
BBC-S-West ADC Sum

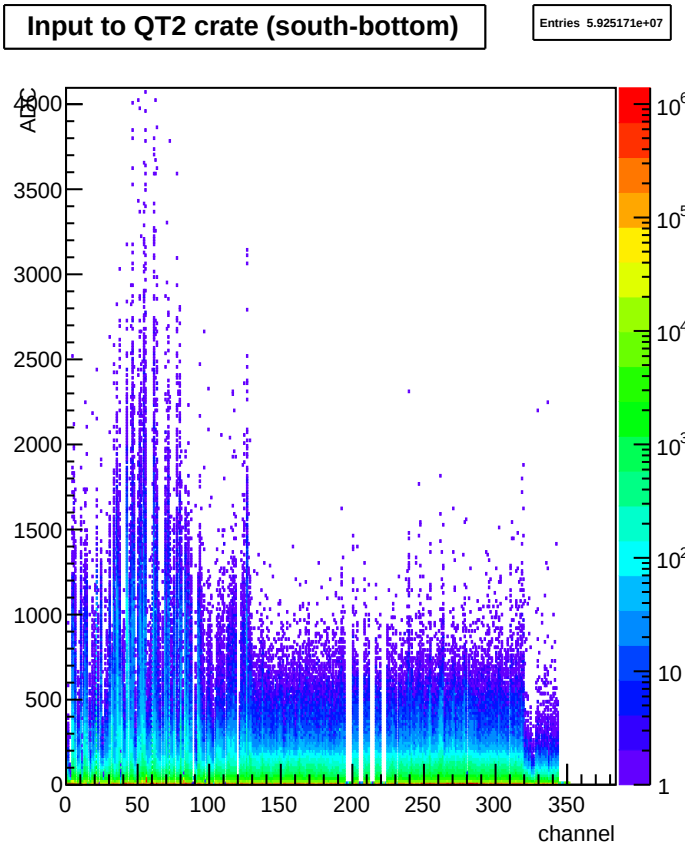

Entries 2363357
ZDC East ADC Sum Att
ZDC West ADC Sum Att

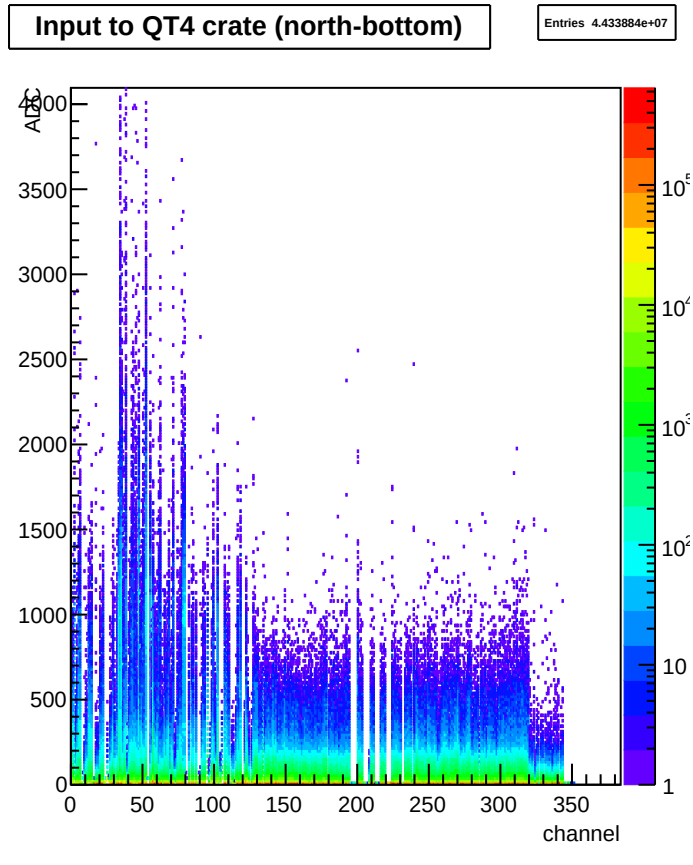

Entries 2363357
VPD East ADC Sum
VPD West ADC Sum

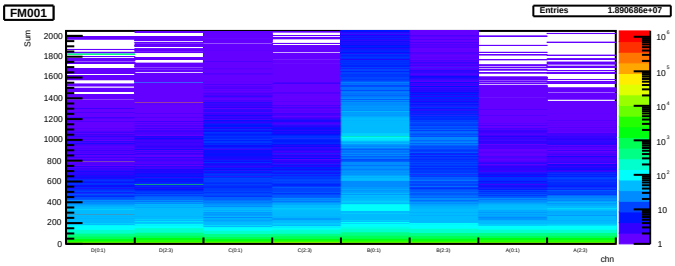

Entries 2363357
BBC-S TAC Diff
ZDC TAC Diff

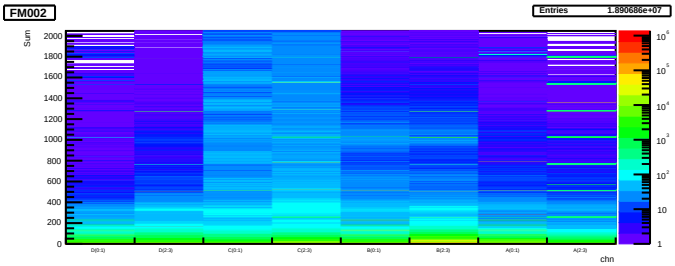

Input to QT1 crate (south-top)
Entries 5.594198e+07
ADC
channel

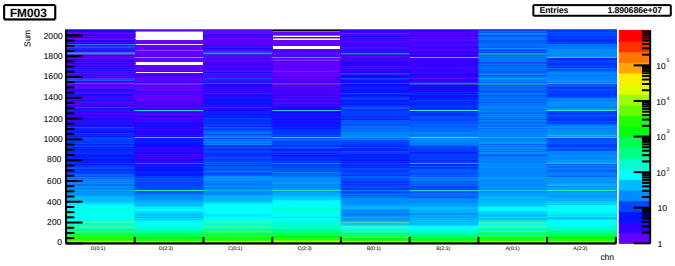

Input to QT3 crate (north-top)
Entries 5.630634e+07
ADC
channel

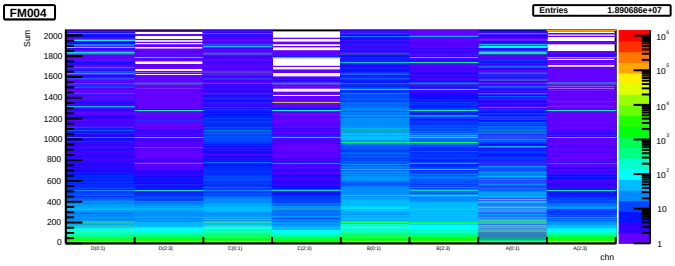

Input to QT2 crate (south-bottom)
Entries 5.925171e+07
ADC
channel


Input to QT4 crate (north-bottom)
Entries 4.433884e+07
ADC
channel


FM001
Entries 1.890686e+07
Sum
chn


FM002
Entries 1.890686e+07
Sum
chn


FM003
Entries 1.890686e+07
Sum
chn


FM004
Entries 1.890686e+07
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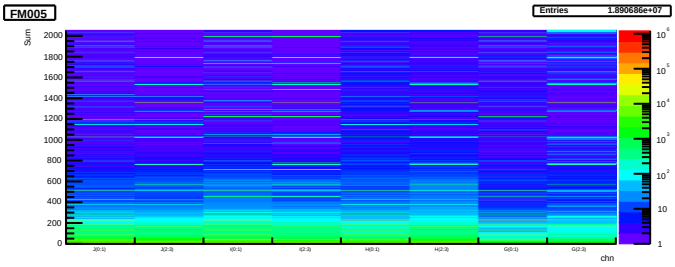
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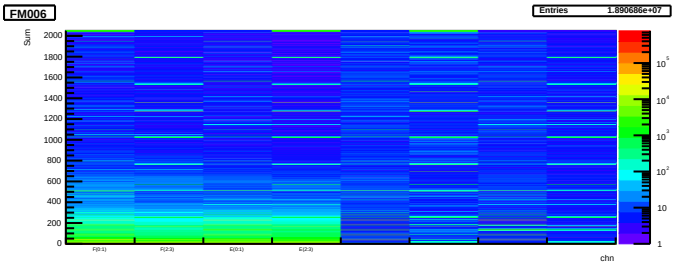
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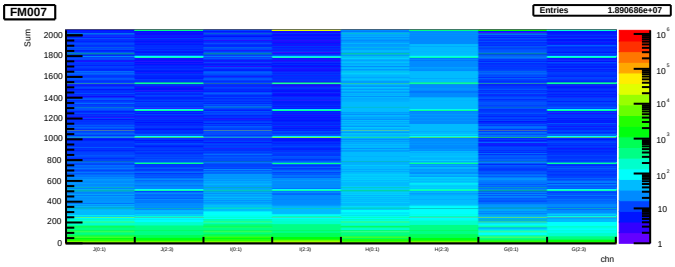
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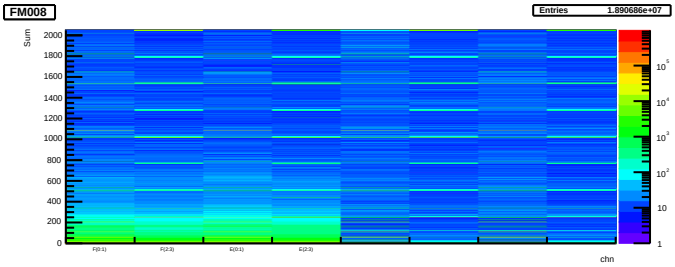
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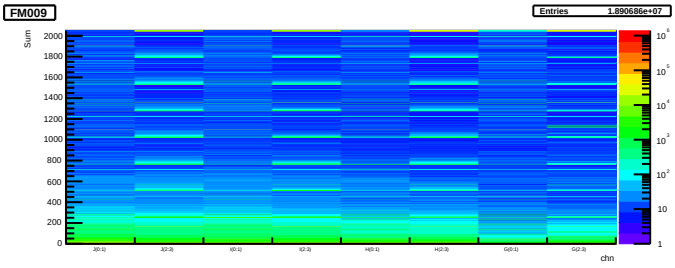
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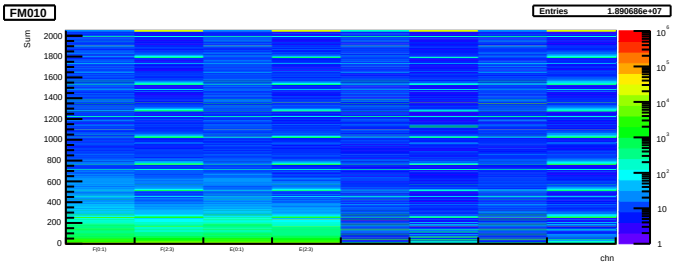
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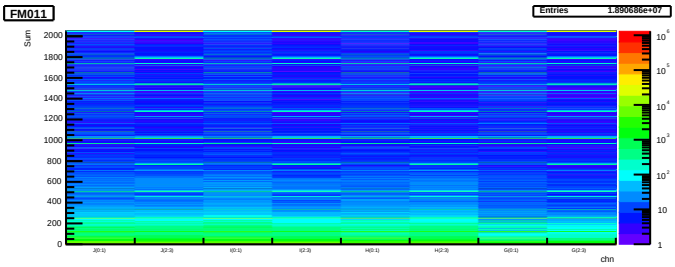
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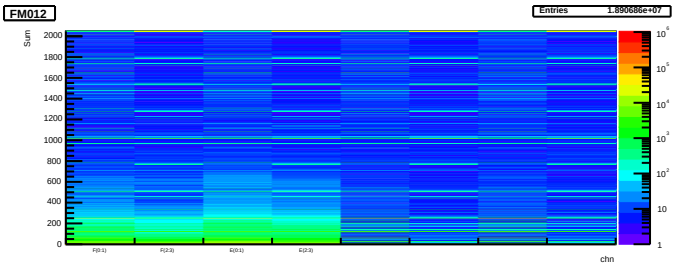
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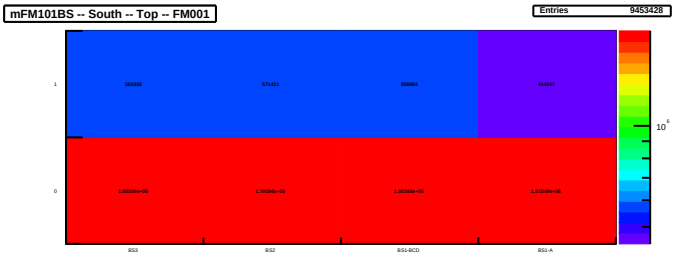
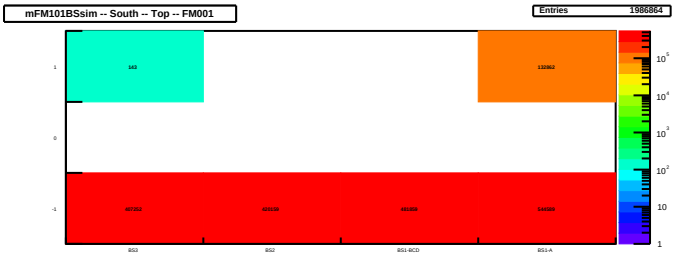
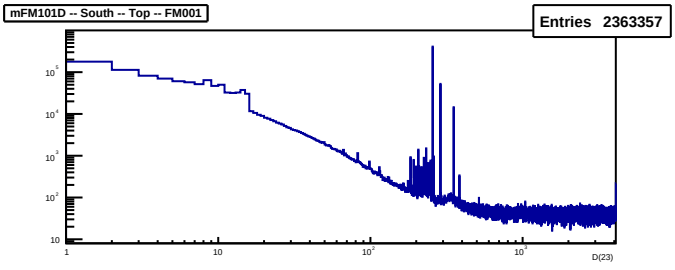

mFM101BS -- South -- Top -- FM001
Entries 9453428


mFM101BSsim -- South -- Top -- FM001
Entries 1986864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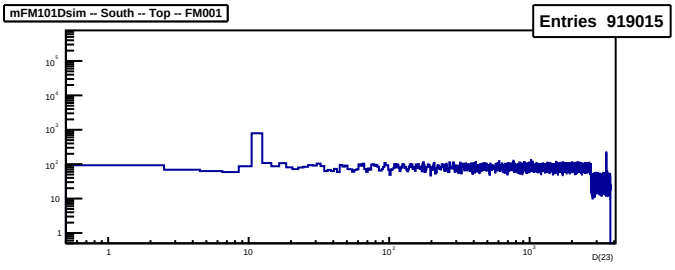
Entries 2363357
D(23)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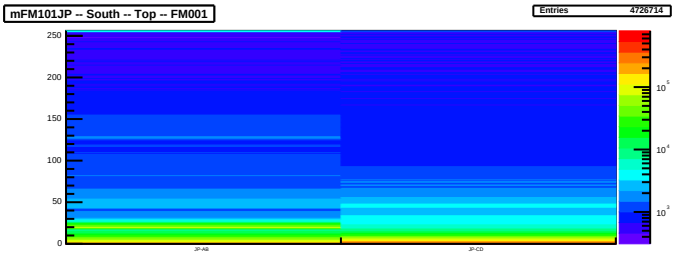
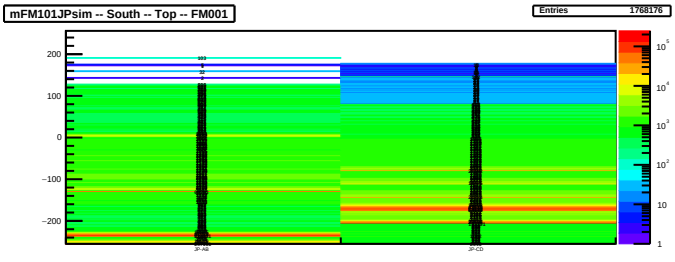
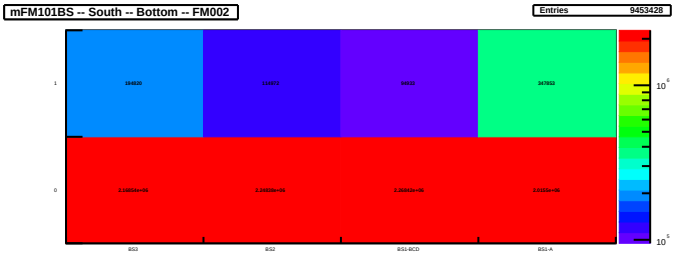
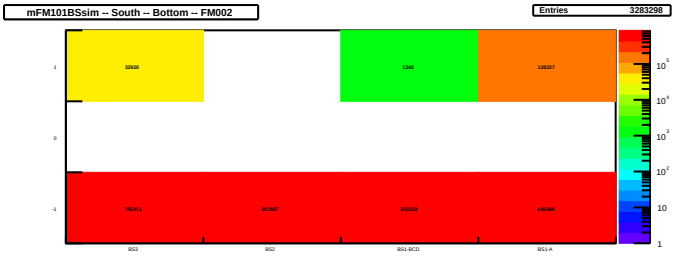
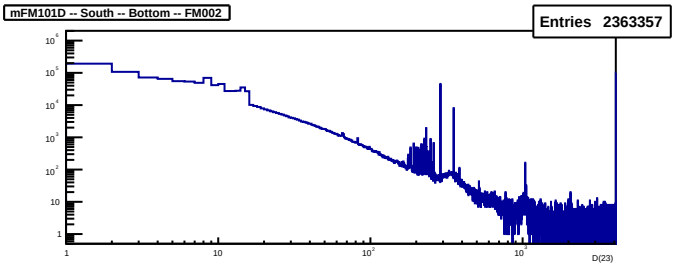
D(23)


mFM101JP -- South -- Top -- FM001
Entries 4726714


mFM101JPsim -- South -- Top -- FM001
Entries 1768176


mFM101BS -- South -- Bottom -- FM002
Entries 9453428


mFM101BSsim -- South -- Bottom -- FM002
Entries 3283298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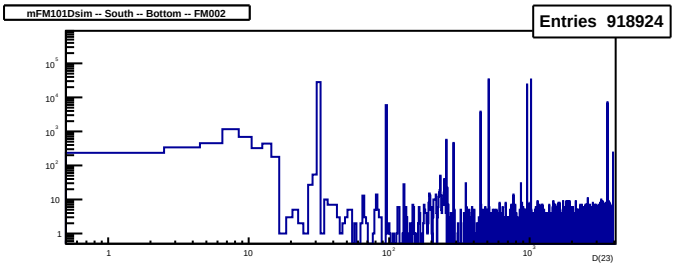
Entries 2363357
D(23)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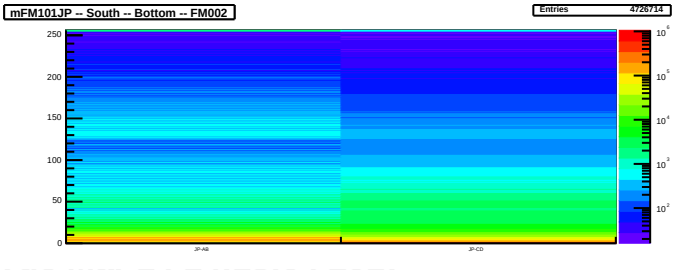
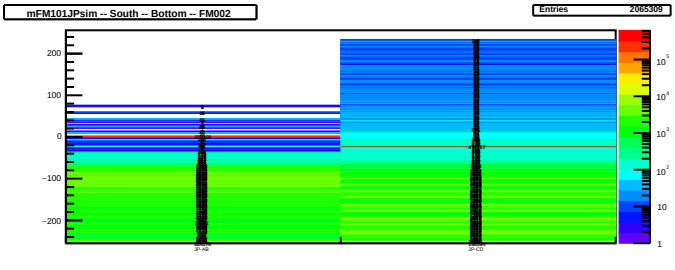
Entries 918924
D(23)


mFM101JP -- South -- Bottom -- FM002
Entries 4726714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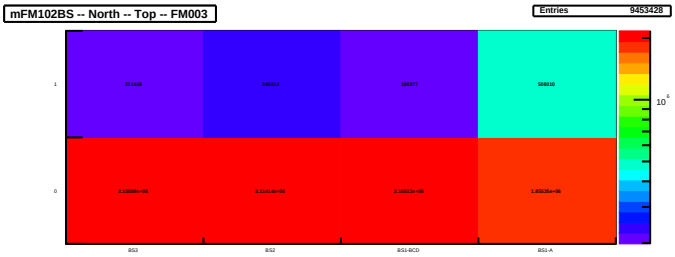
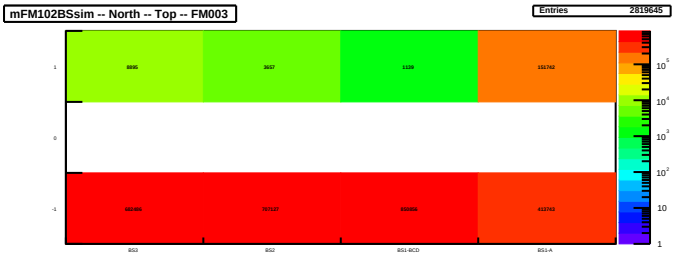

mFM102BS -- North -- Top -- FM003
Entries 9453428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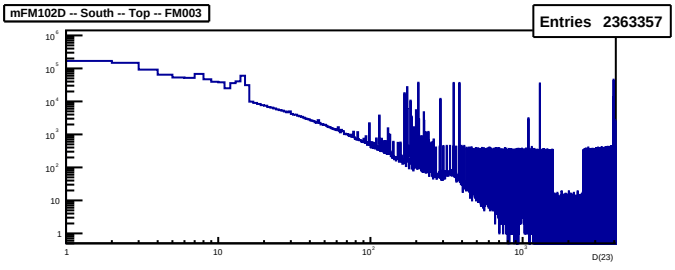
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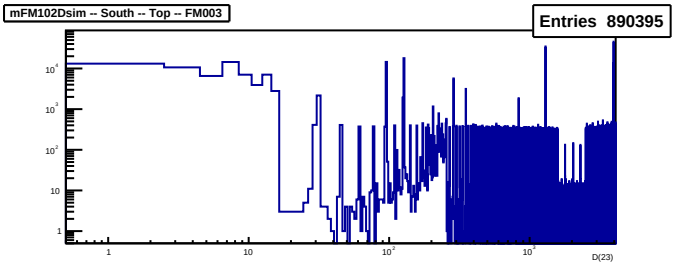
Entries 2363357
D(23)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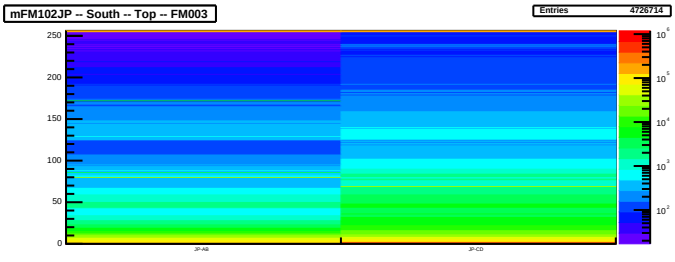
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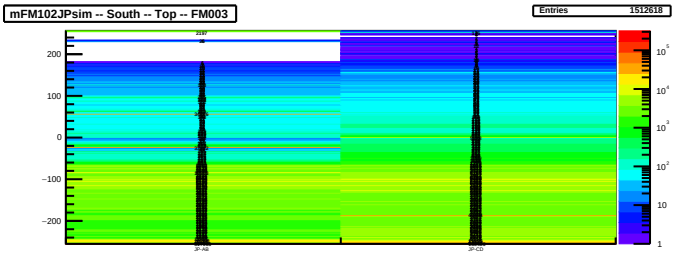
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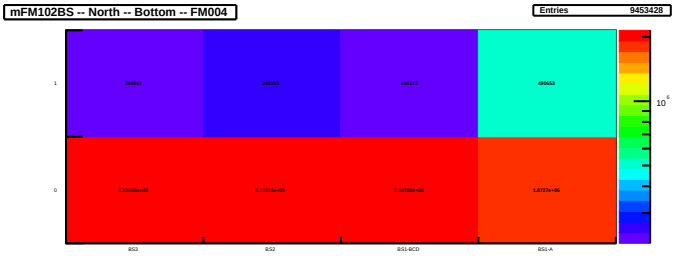
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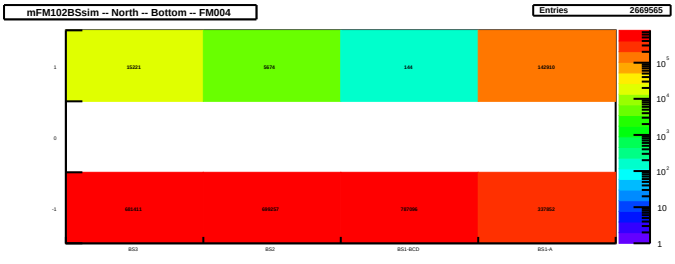
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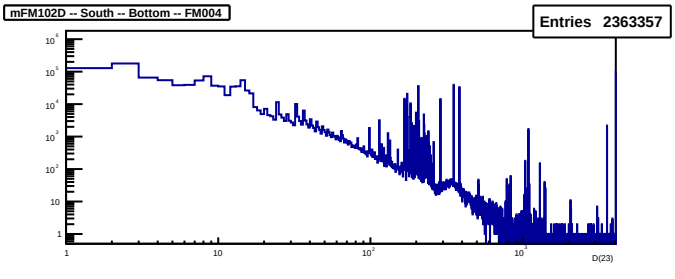
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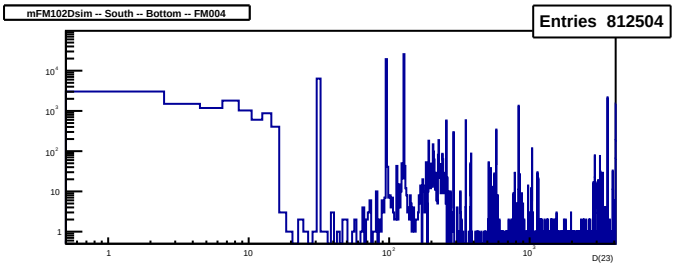
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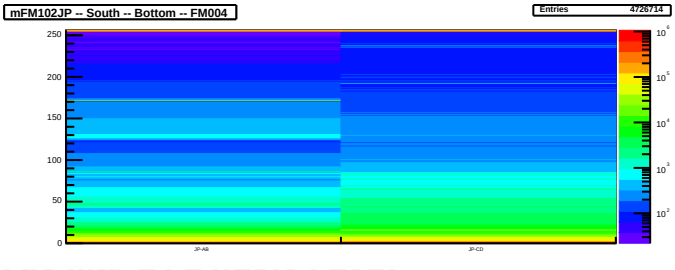
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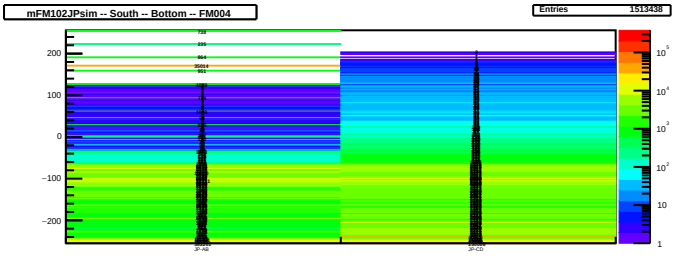
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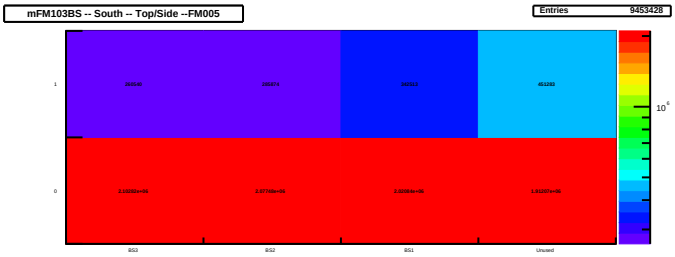
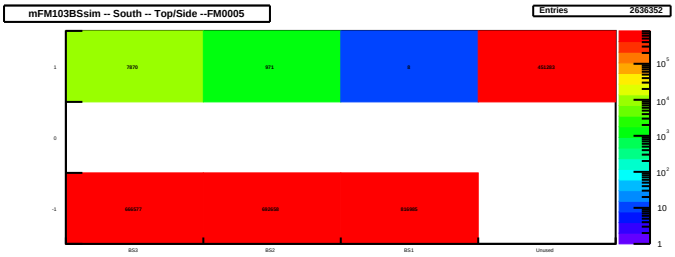

mFM103BS -- South -- Top/Side --FM005
Entries 9453428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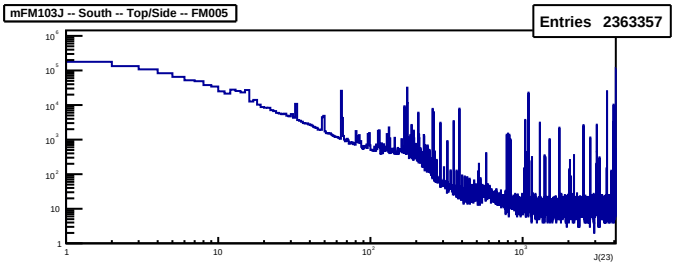
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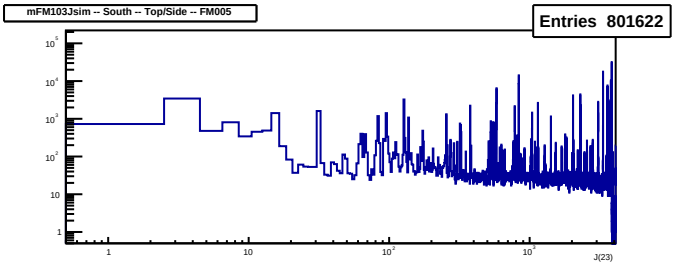
Entries 2363357
J(23)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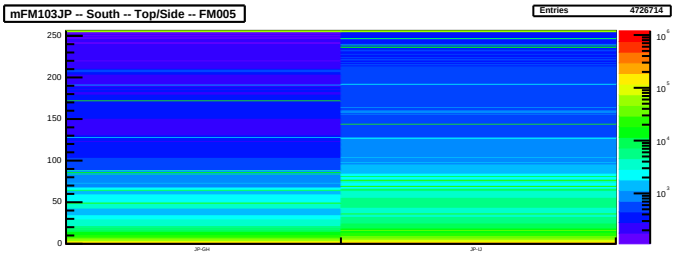
J(23)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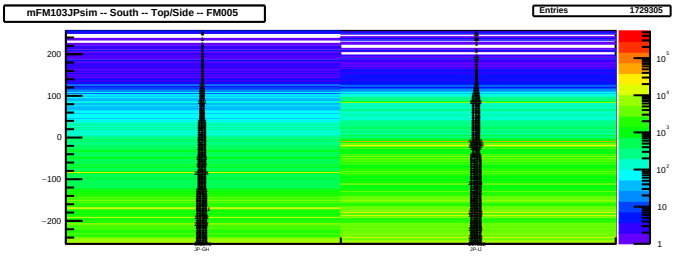
Entries 4726714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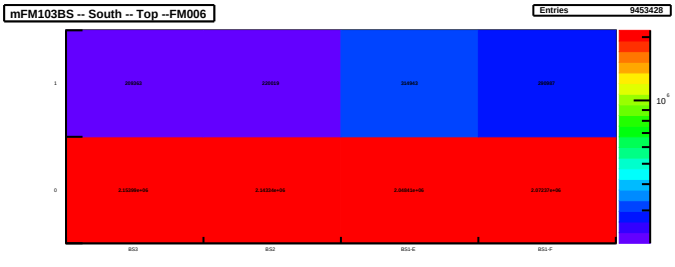
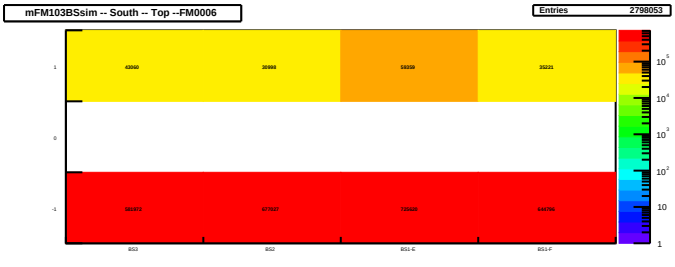

mFM103BS -- South -- Top --FM006
Entries 9453428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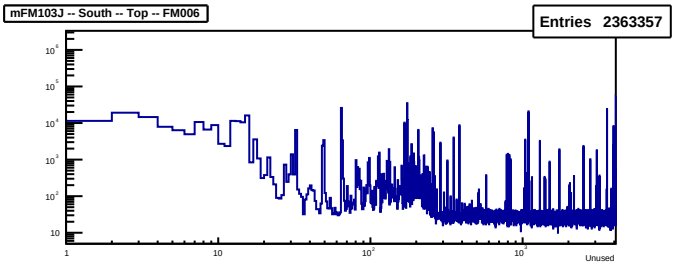
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Entries 2363357
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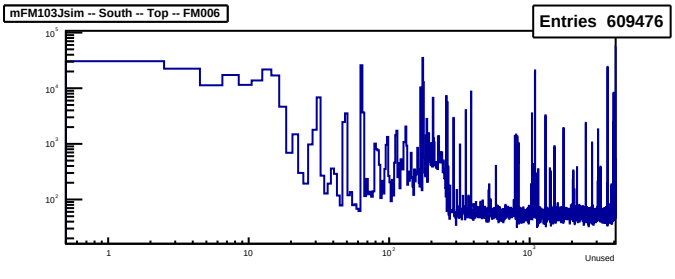
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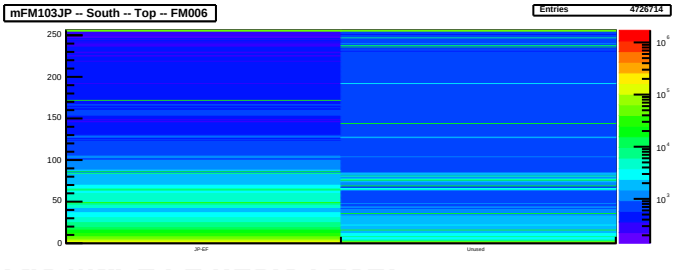
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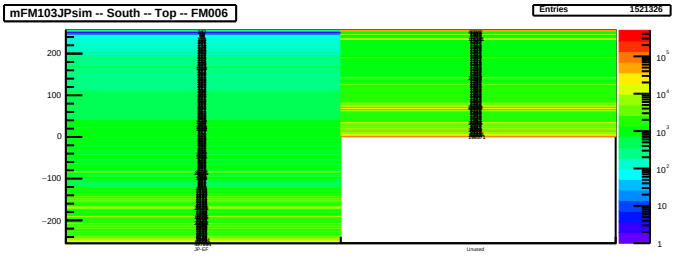
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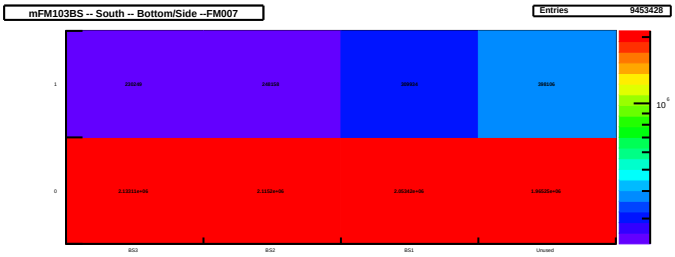
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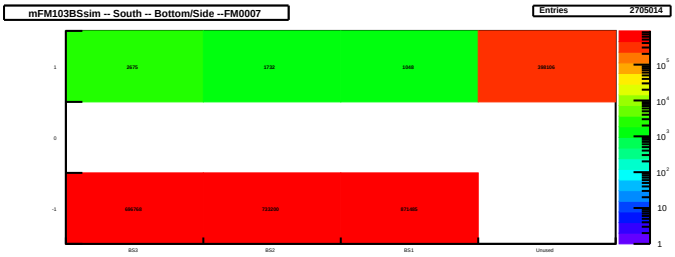
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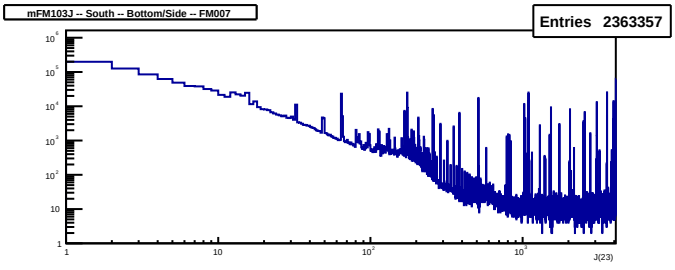
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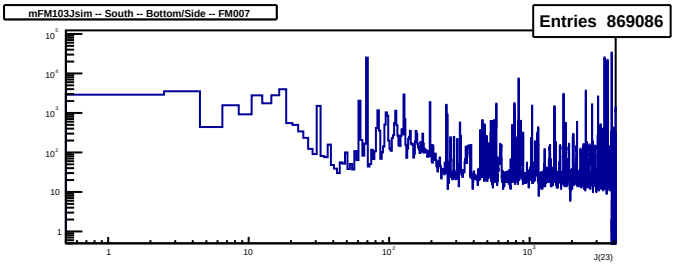
J(23)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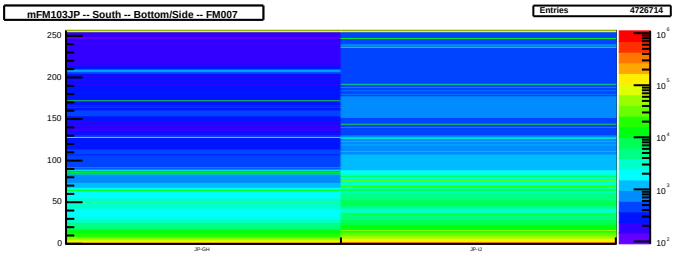
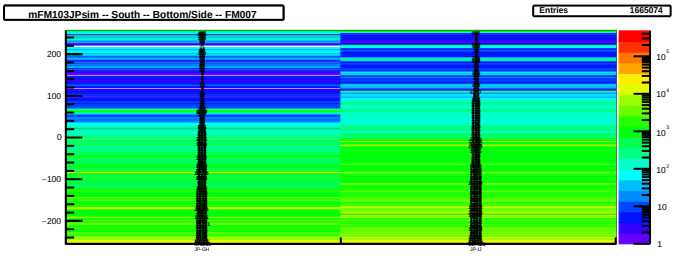
J(23)


mFM103JP -- South -- Bottom/Side -- FM007
Entries 4726714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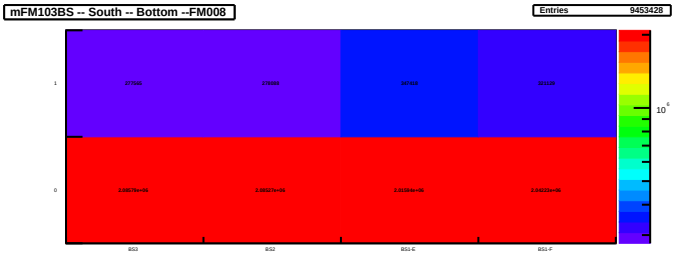
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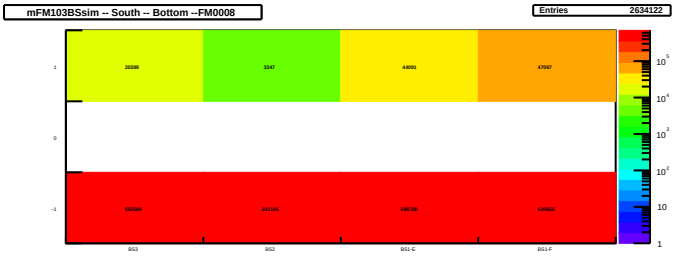
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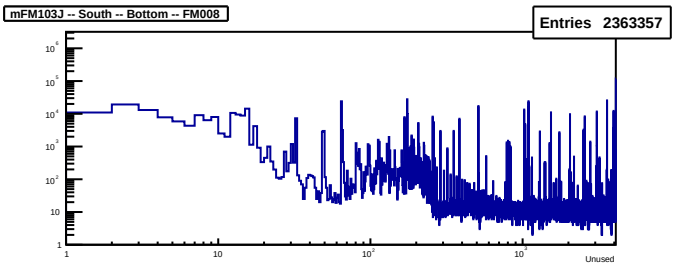
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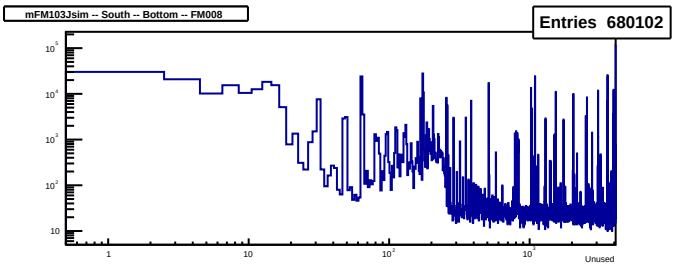
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Entries 680102
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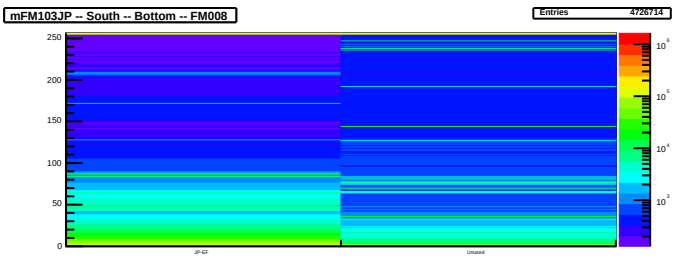
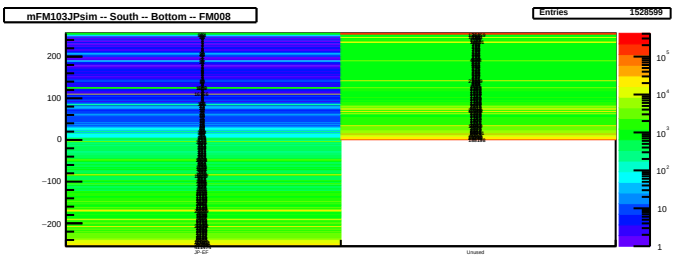
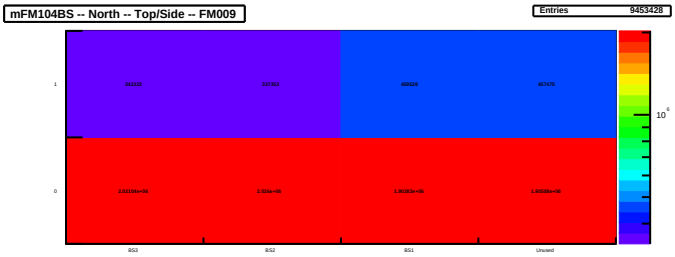
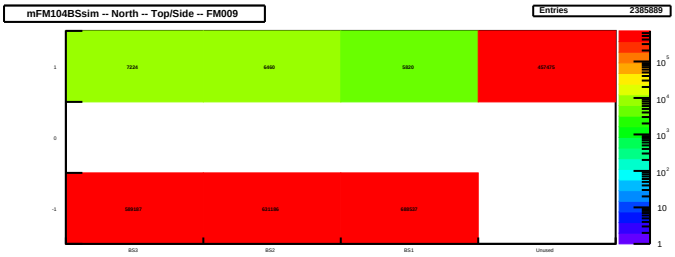

mFM103JP -- South -- Bottom -- FM008
Entries 4726714


mFM103JPsim -- South -- Bottom -- FM008
Entries 1528599


mFM104BS -- North -- Top/Side -- FM009
Entries 9453428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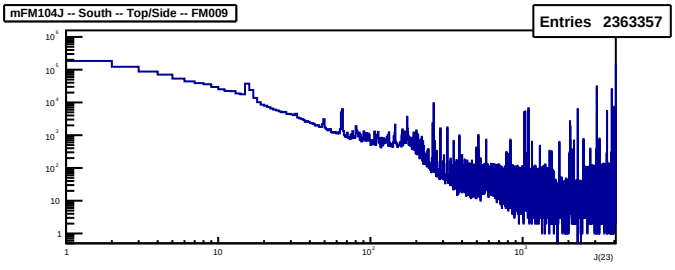
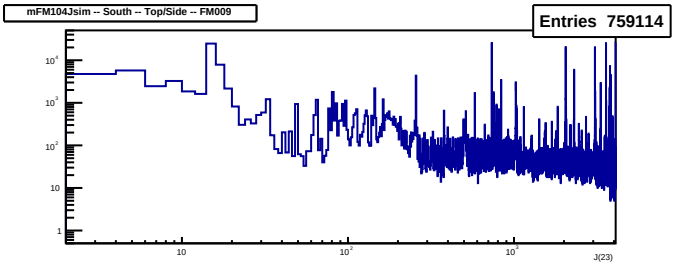
Entries 2385889


mFM104J -- South -- Top/Side -- FM009
Entries 2363357
J(23)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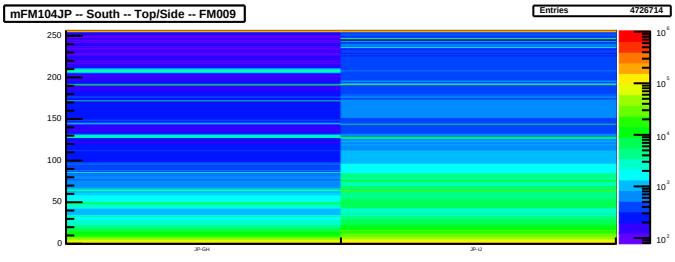
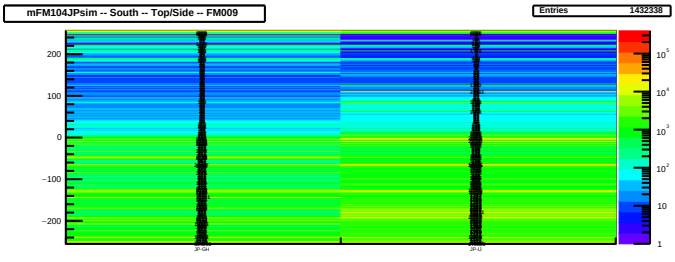
J(23)


mFM104JP -- South -- Top/Side -- FM009
Entries 4726714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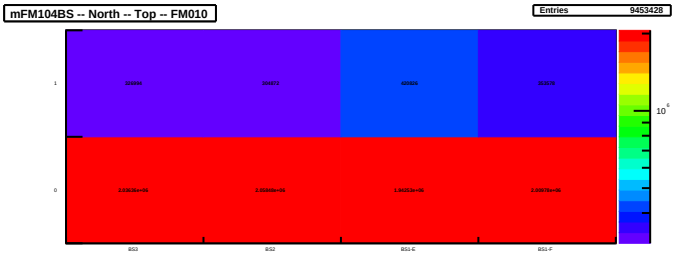
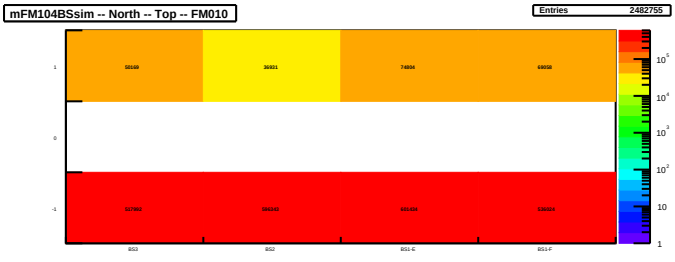
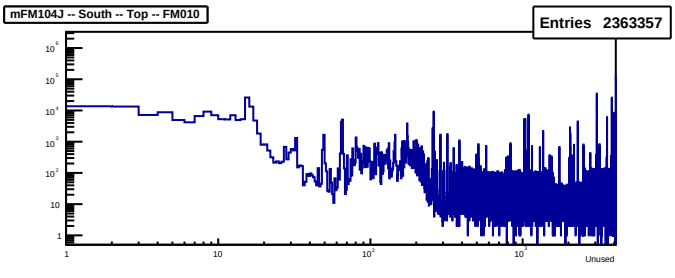
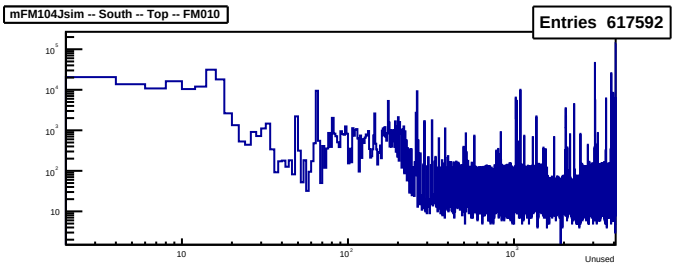
Entries 1432338


mFM104BS -- North -- Top -- FM010
Entries 9453428


mFM104BSsim -- North -- Top -- FM010
Entries 2482755


mFM104J -- South -- Top -- FM010
Entries 2363357
Unused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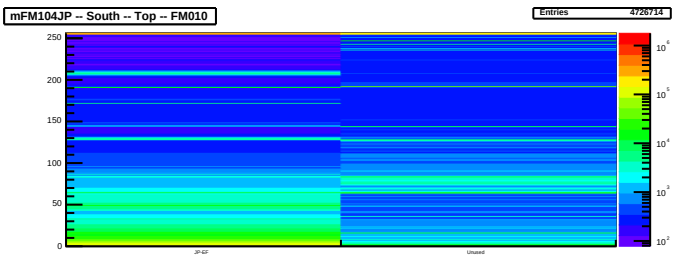
Entries 617592
Unused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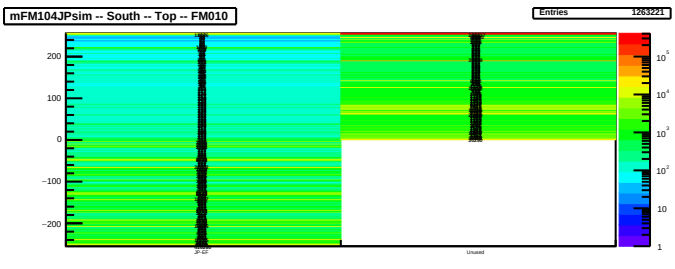
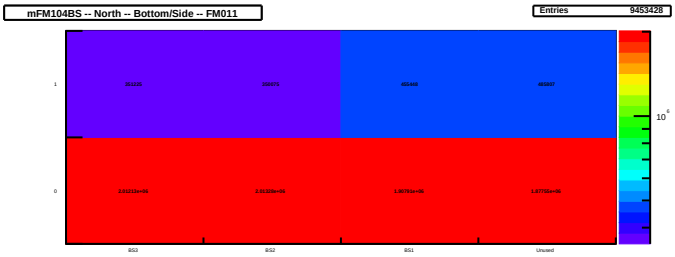
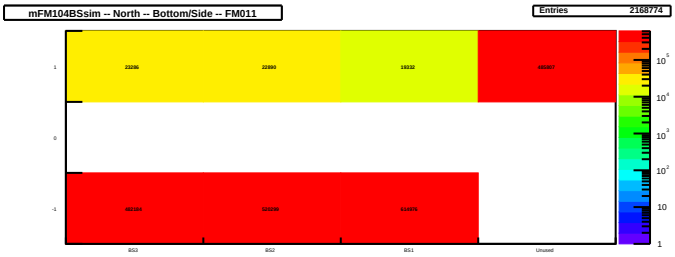
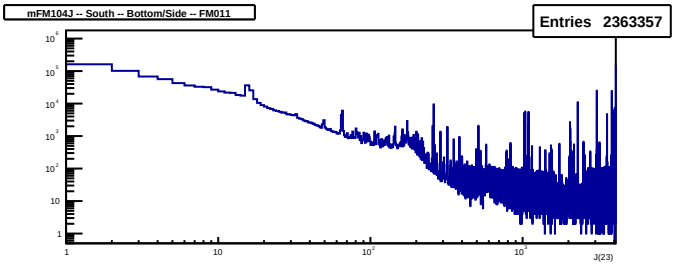
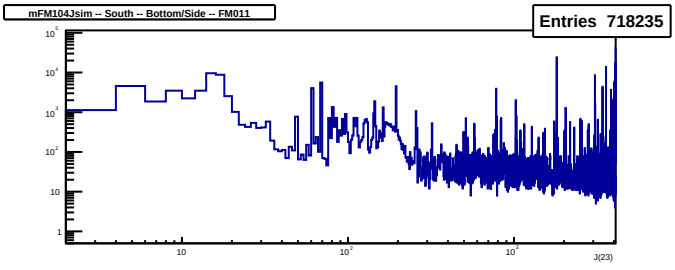
Entries 4726714

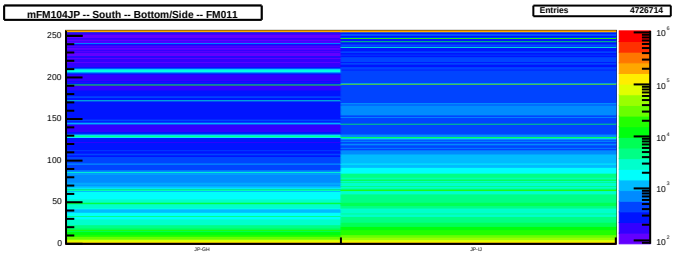

mFM104JPsim -- South -- Top -- FM010
Entries 1263221

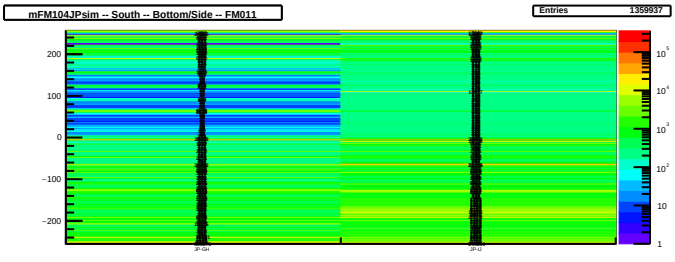

mFM104BS -- North -- Bottom/Side -- FM011
Entries 9453428


mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 2168774


mFM104J -- South -- Bottom/Side -- FM011
Entries 2363357
J(23)


mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 718235
J(23)


mFM104JP -- South -- Bottom/Side -- FM011
Entries 4726714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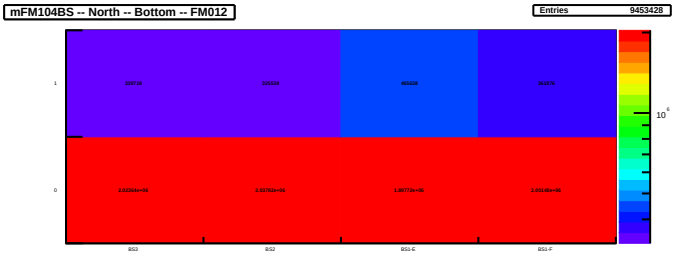
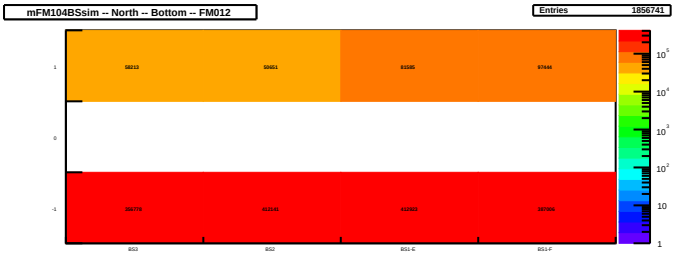
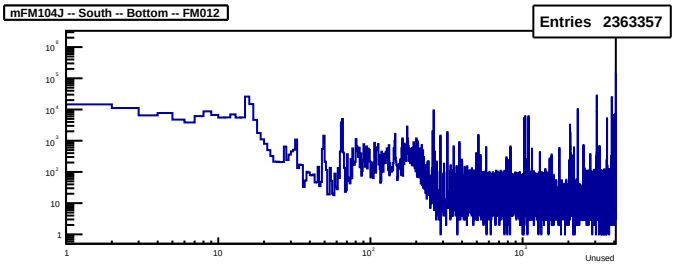
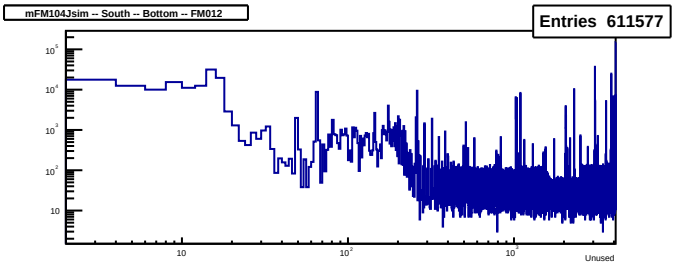
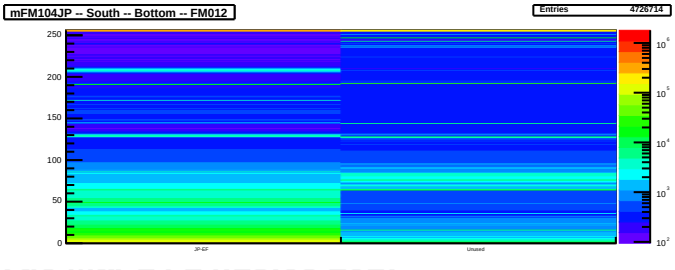
Entries 1359937

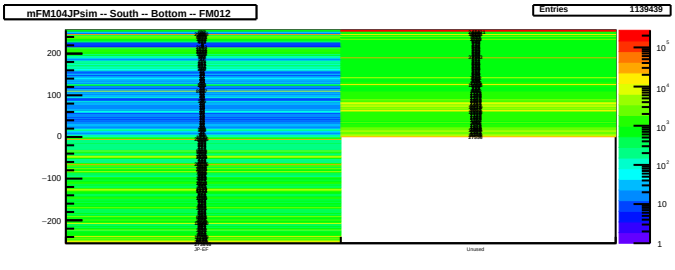

mFM104BS -- North -- Bottom -- FM012
Entries 9453428

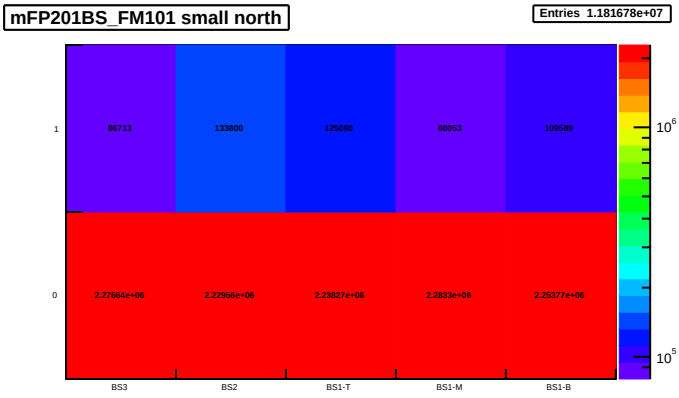

mFM104BSsim -- North -- Bottom -- FM012
Entries 1856741

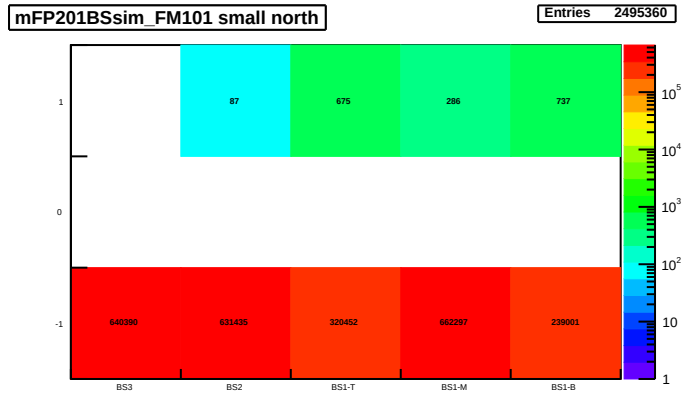

mFM104J -- South -- Bottom -- FM012
Entries 2363357
Unused

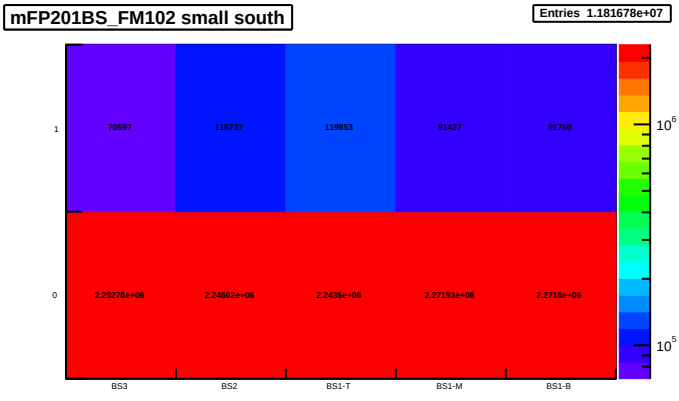

mFM104Jsim -- South -- Bottom -- FM012
Entries 611577
Unused

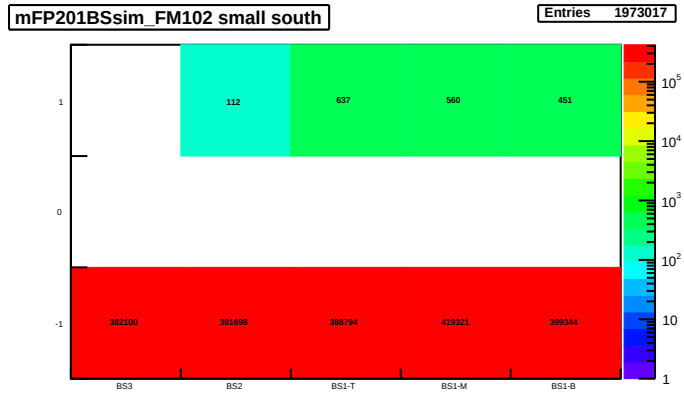

mFM104JP -- South -- Bottom -- FM012
Entries 4726714


mFM104JPsim -- South -- Bottom -- FM012
Entries 1139439


mFP201BS_FM101 small north
Entries 1.181678e+07
1
0
86713
133800
125090
80053
109589
2.27664e+06
2.22956e+06
2.23827e+06
2.2833e+06
2.25377e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6
10^5


mFP201BSsim_FM101 small north
Entries 2495360
1
0
-1
87
675
286
737
640390
631435
320452
662297
239001
BS3
BS2
BS1-T
BS1-M
BS1-B
10^5
10^4
10^3
10^2
10
1


mFP201BS_FM102 small south
Entries 1.181678e+07
1
0
70597
116737
119853
91427
91760
2.29276e+06
2.24662e+06
2.2435e+06
2.27193e+06
2.2716e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6
10^5


mFP201BSsim_FM102 small south
Entries 1973017
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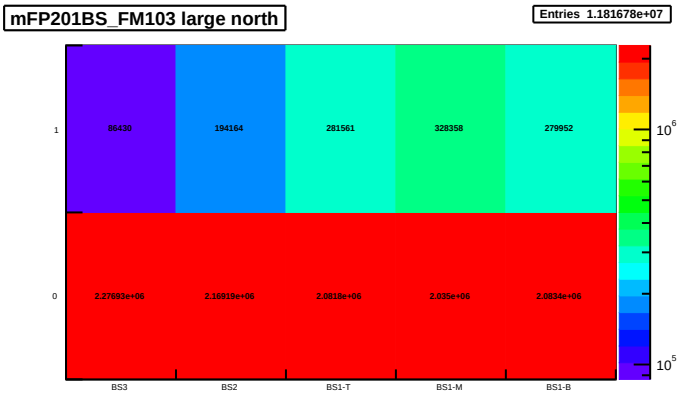
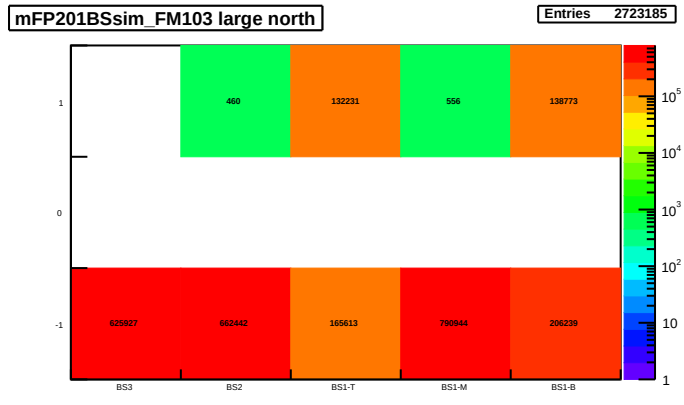
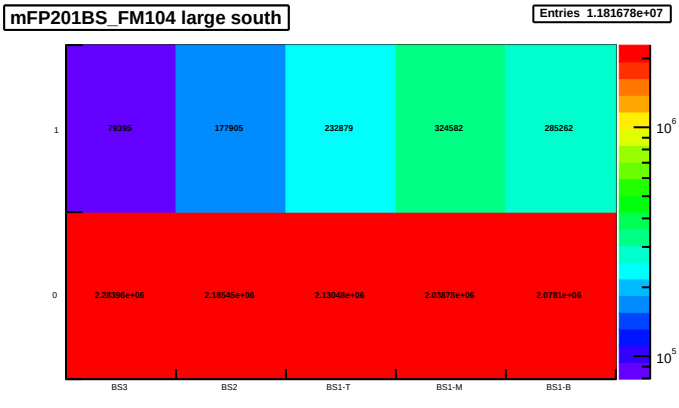
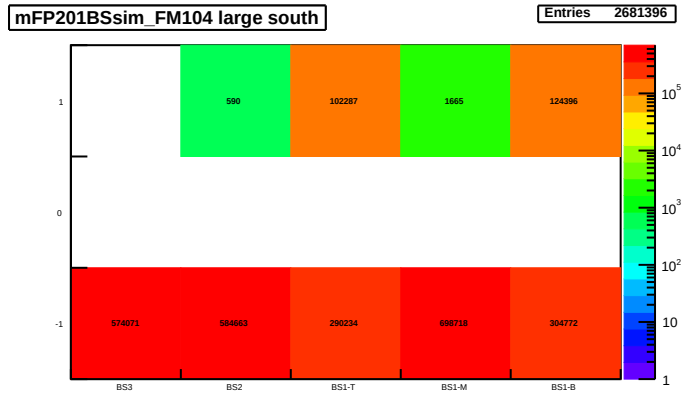
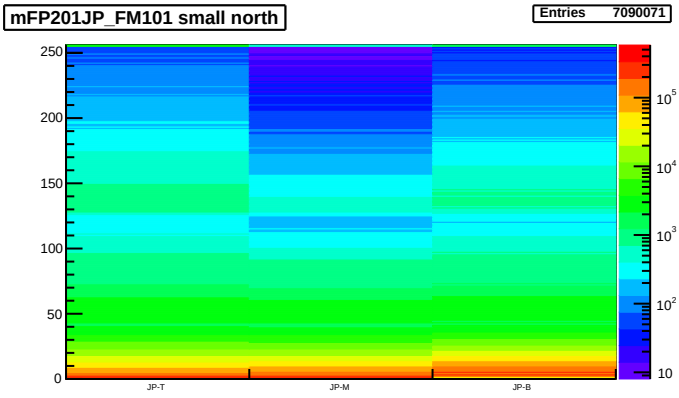
0
-1
112
637
560
451
382100
381698
388794
419321
399344
BS3
BS2
BS1-T
BS1-M
BS1-B
10^5
10^4
10^3
10^2
10
1

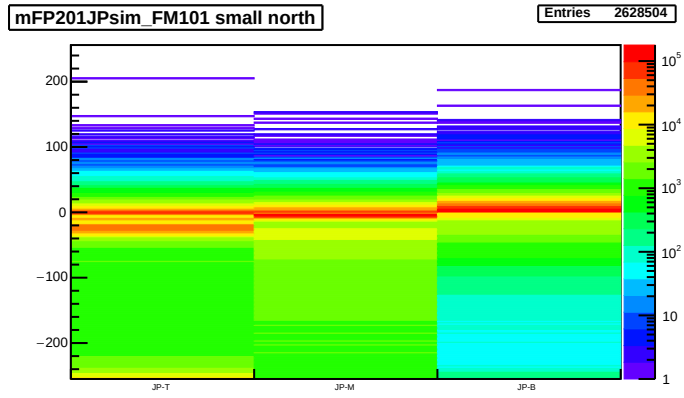

mFP201BS_FM103 large north
Entries 1.181678e+07
1
0
86430
194164
281561
328358
279952
2.27693e+06
2.16919e+06
2.0818e+06
2.035e+06
2.0834e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6
10^5

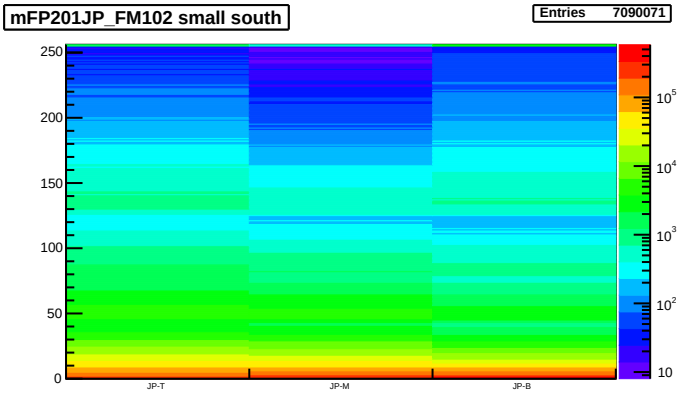

mFP201BSsim_FM103 large north
Entries 2723185
1
0
-1
460
132231
556
138773
625927
662442
165613
790944
206239
BS3
BS2
BS1-T
BS1-M
BS1-B
10^5
10^4
10^3
10^2
10
1

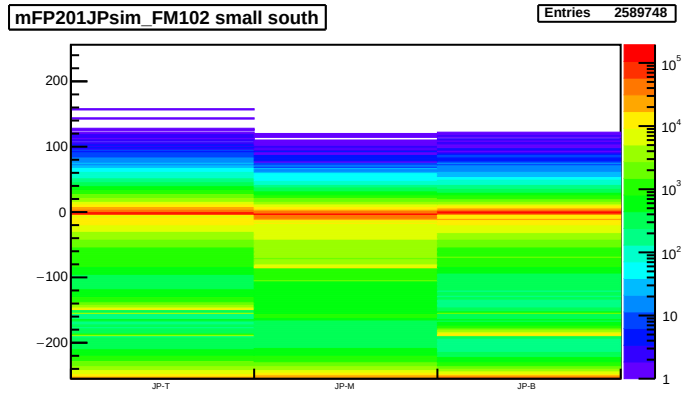

mFP201BS_FM104 large south
Entries 1.181678e+07
1
0
79395
177905
232879
324582
285262
2.28396e+06
2.18545e+06
2.13048e+06
2.03878e+06
2.0781e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6
10^5

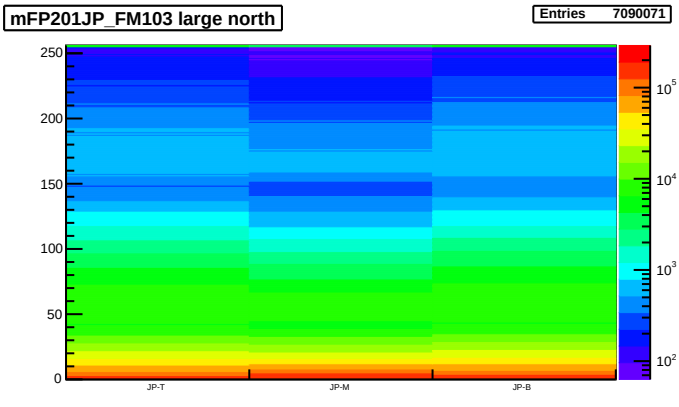

mFP201BSsim_FM104 large south
Entries 2681396
1
0
-1
590
102287
1665
124396
574071
584663
290234
698718
304772
BS3
BS2
BS1-T
BS1-M
BS1-B
10^5
10^4
10^3
10^2
10
1

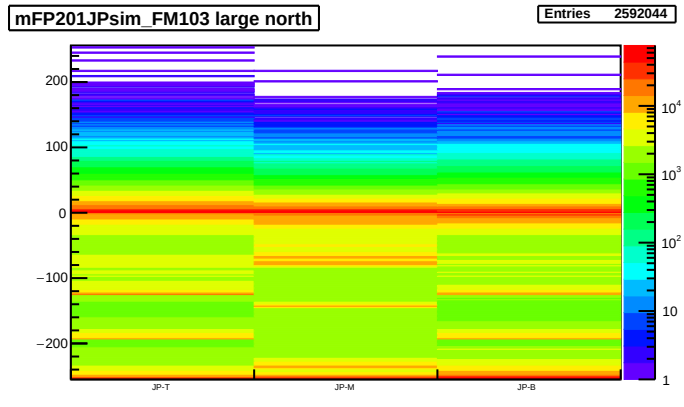

mFP201JP_FM101 small north
Entries 7090071
JP-T
JP-M
JP-B

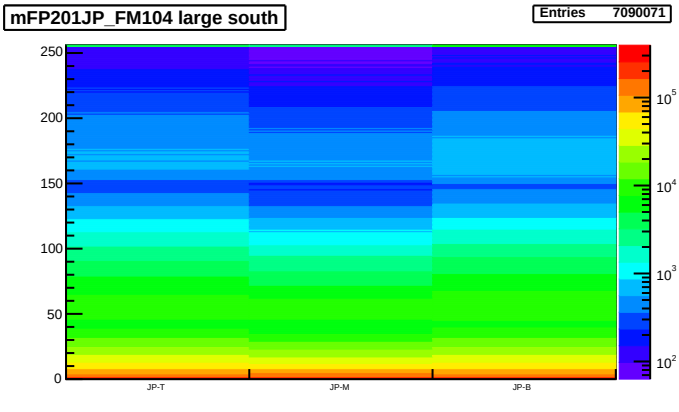

mFP201JPsim_FM101 small north
Entries 2628504
JP-T
JP-M
JP-B

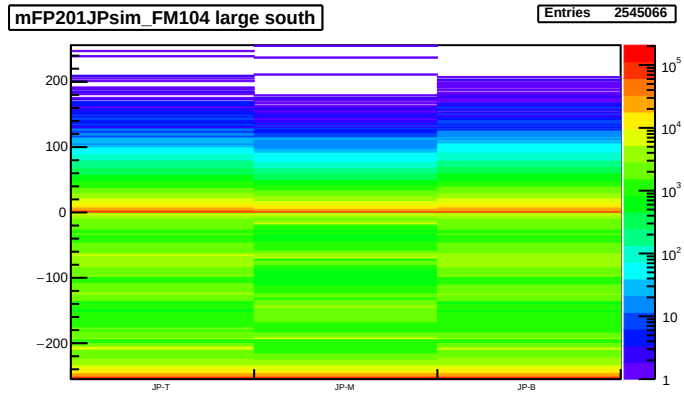

mFP201JP_FM102 small south
Entries 7090071
JP-T
JP-M
JP-B

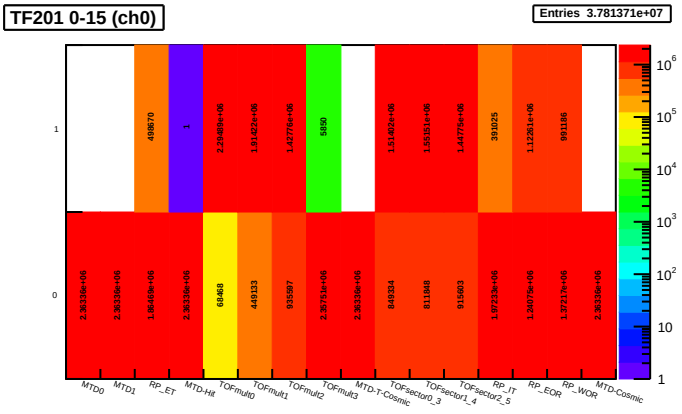

mFP201JPsim_FM102 small south
Entries 2589748
JP-T
JP-M
JP-B

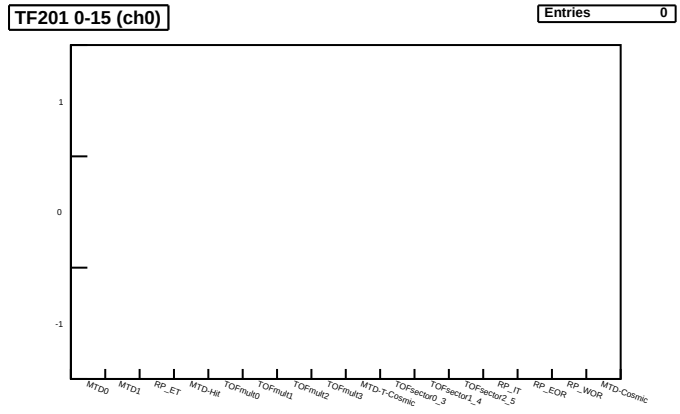

mFP201JP_FM103 large north
Entries 7090071
JP-T
JP-M
JP-B

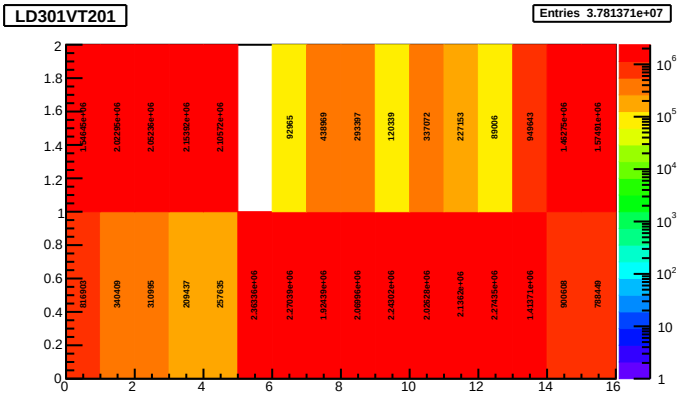

mFP201JPsim_FM103 large north
Entries 2592044
JP-T
JP-M
JP-B

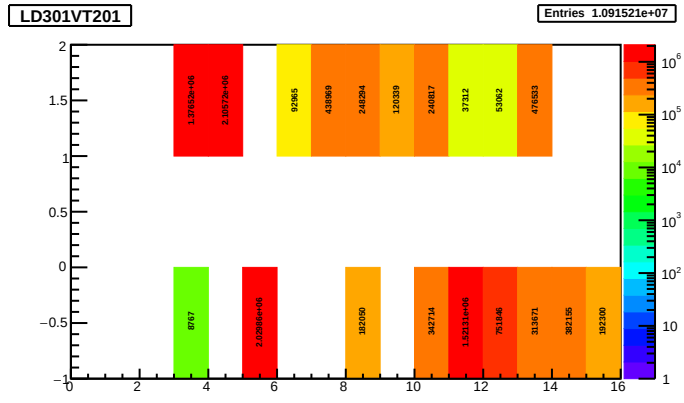

mFP201JP_FM104 large south
Entries 7090071
JP-T
JP-M
JP-B

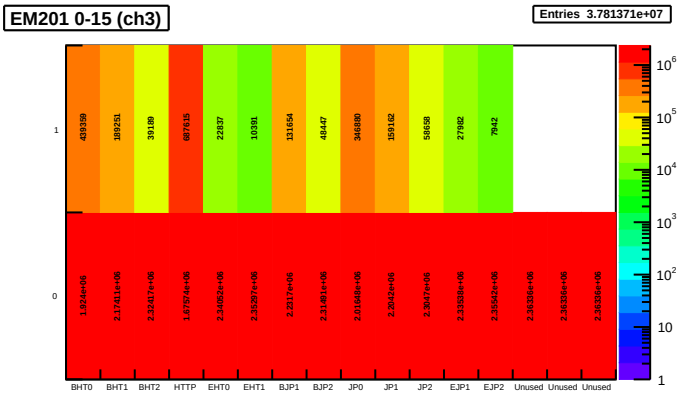

mFP201JPsim_FM104 large south
Entries 2545066
JP-T
JP-M
JP-B


TF201 0-15 (ch0)
Entries 3.781371e+07
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic


TF201 0-15 (ch0)
Entries 0
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic


LD301VT201
Entries 3.781371e+07


LD301VT201
Entries 1.091521e+07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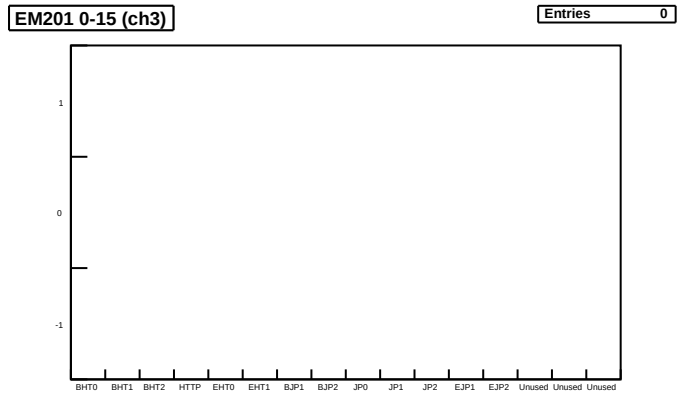
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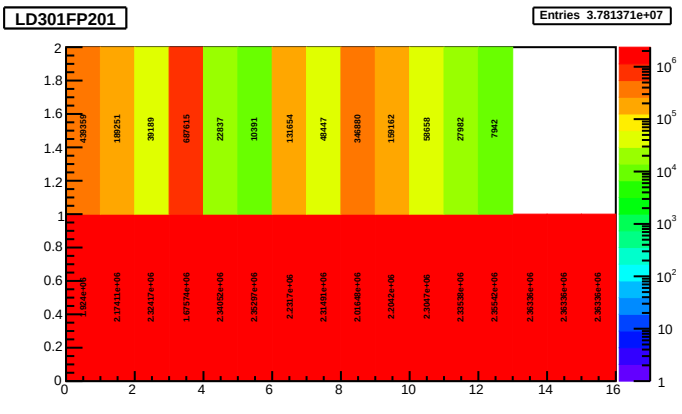
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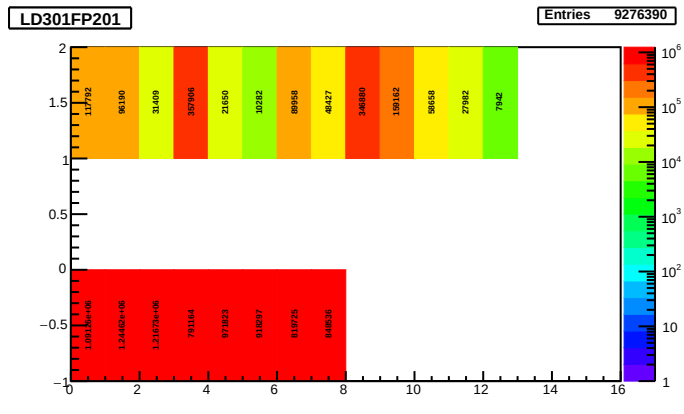
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