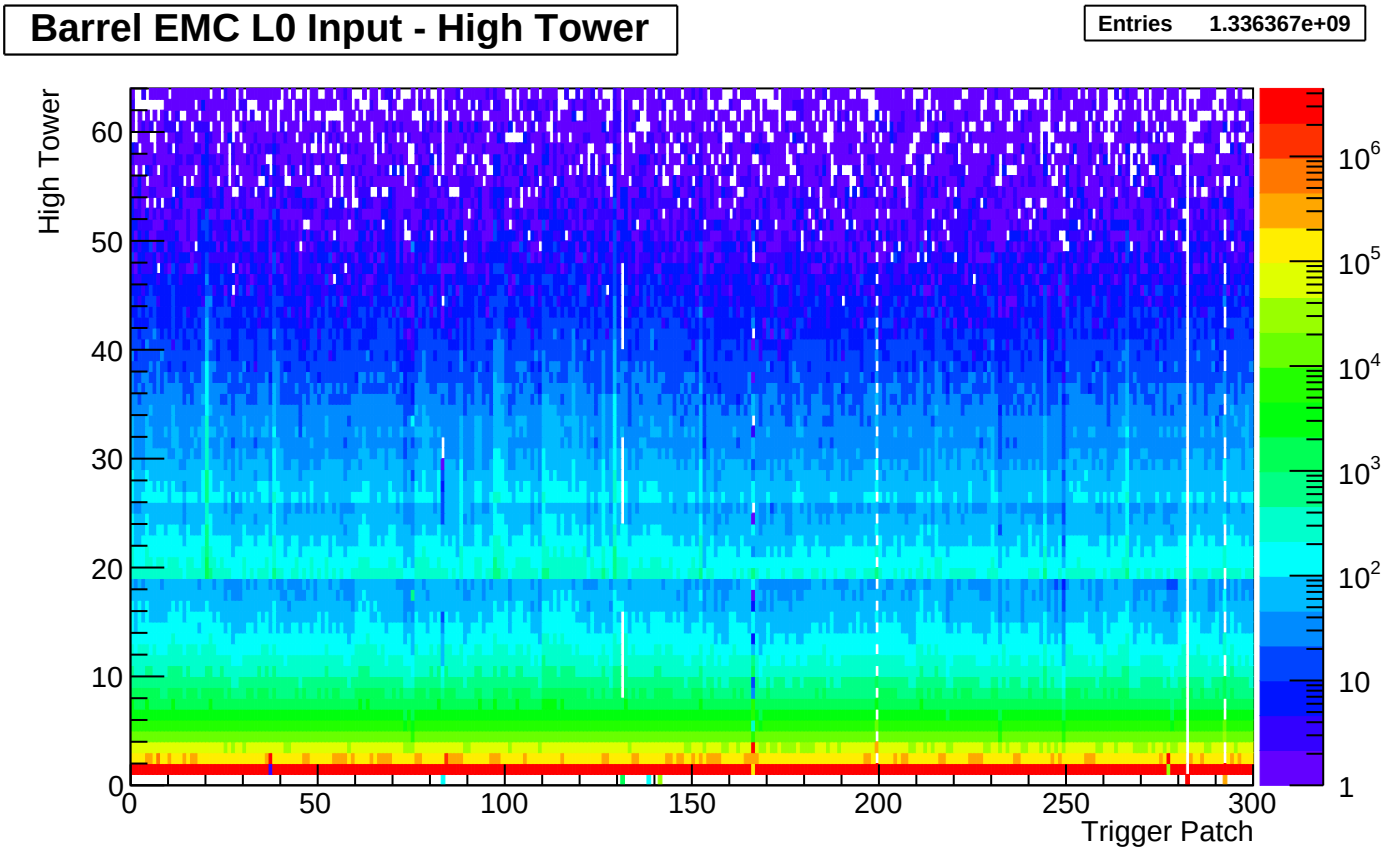
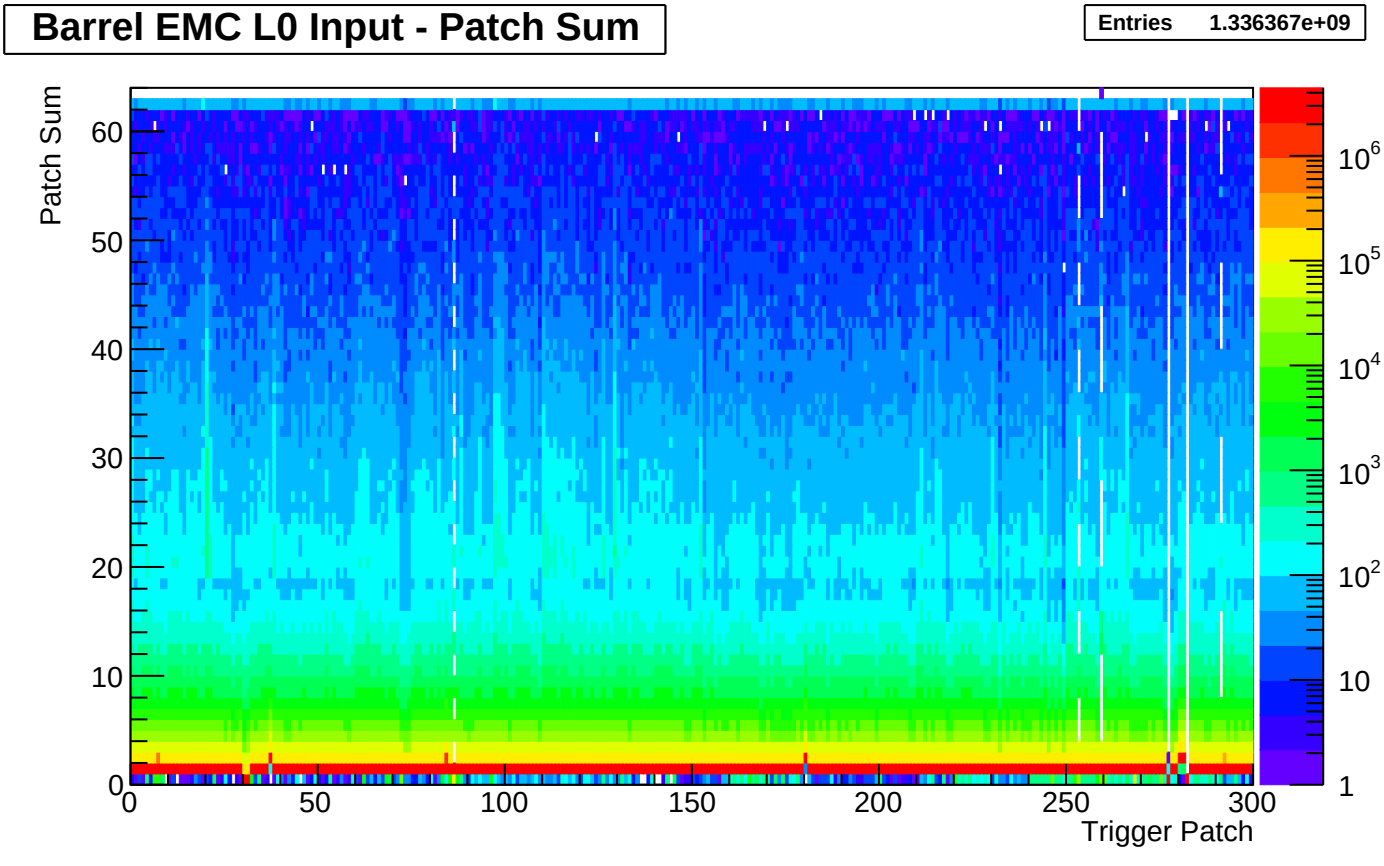
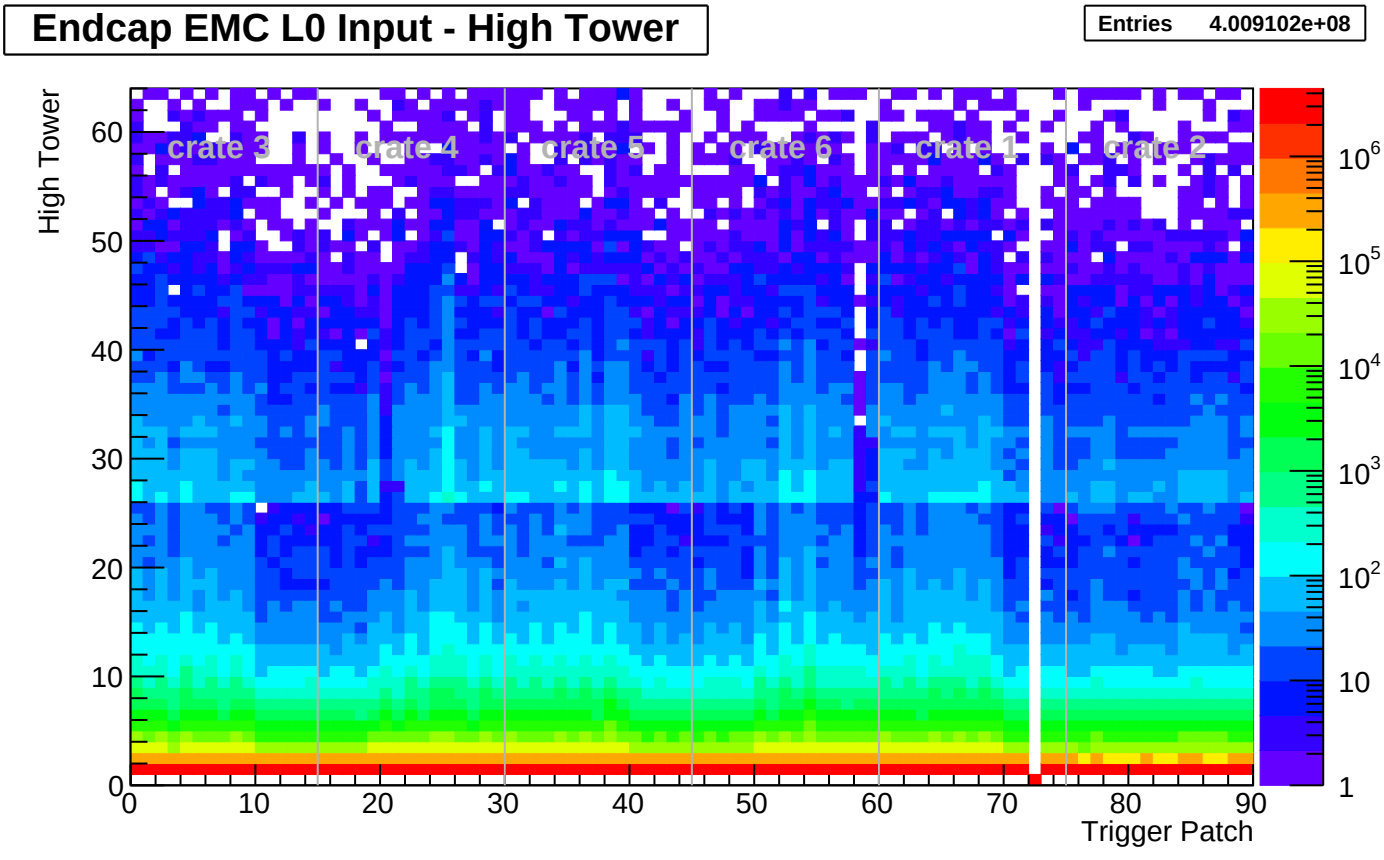
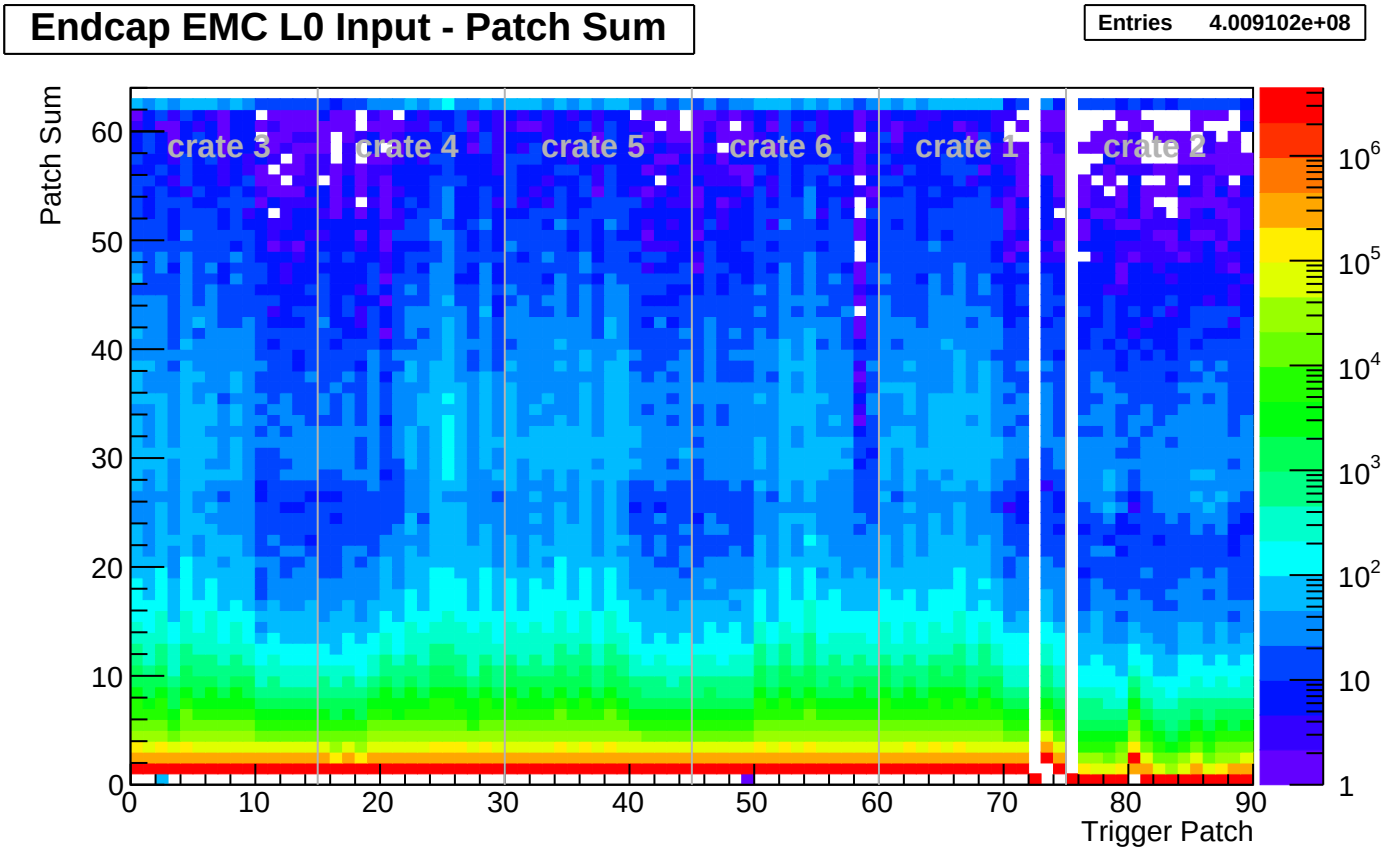
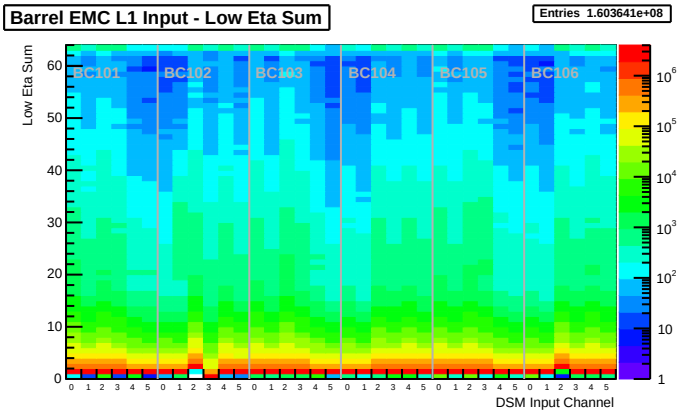
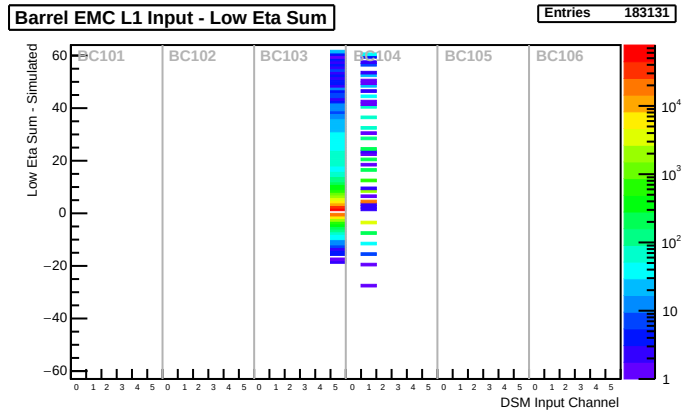

Barrel EMC L0 Input - High Tower
Entries 1.336367e+09
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

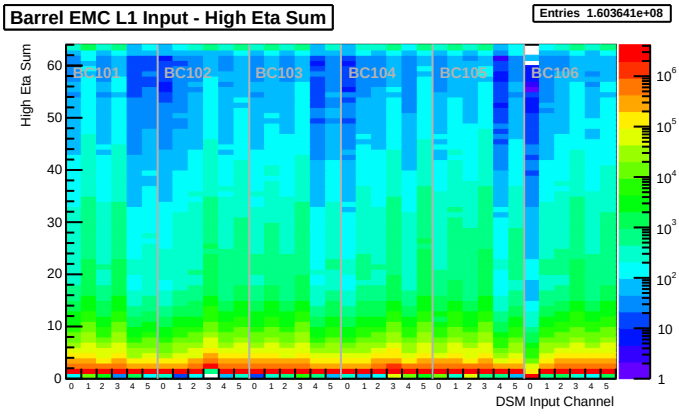

Barrel EMC L0 Input - Patch Sum
Entries 1.336367e+09
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

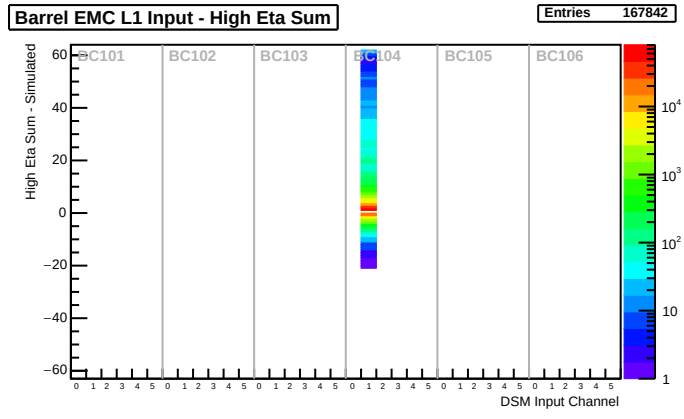

Endcap EMC L0 Input - High Tower
Entries 4.009102e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

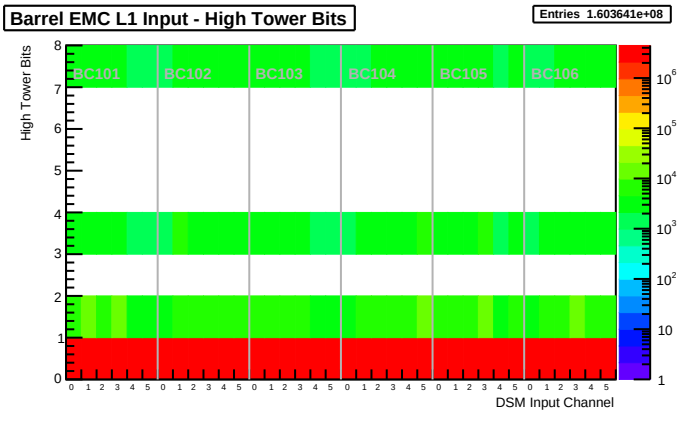

Endcap EMC L0 Input - Patch Sum
Entries 4.009102e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

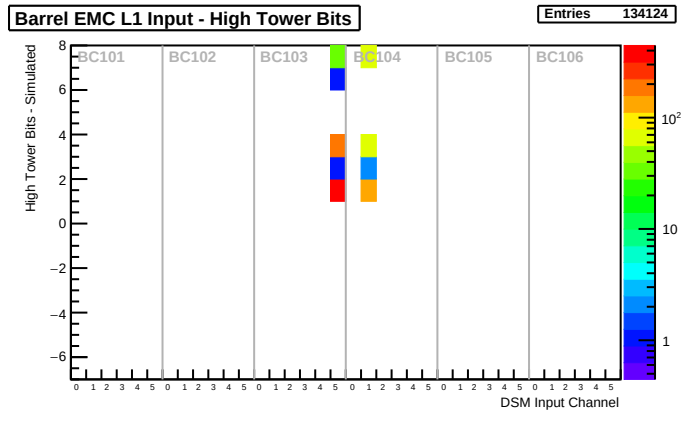

Barrel EMC L1 Input - Low Eta Sum
Entries 1.603641e+08
Low Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

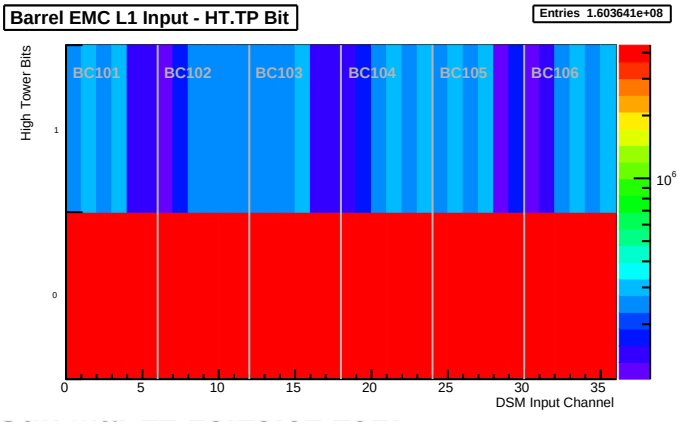

Barrel EMC L1 Input - Low Eta Sum
Entries 183131
Low Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

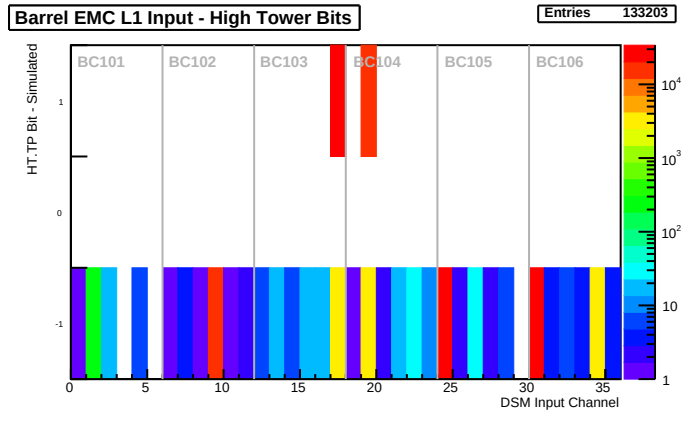

Barrel EMC L1 Input - High Eta Sum
Entries 1.603641e+08
High Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

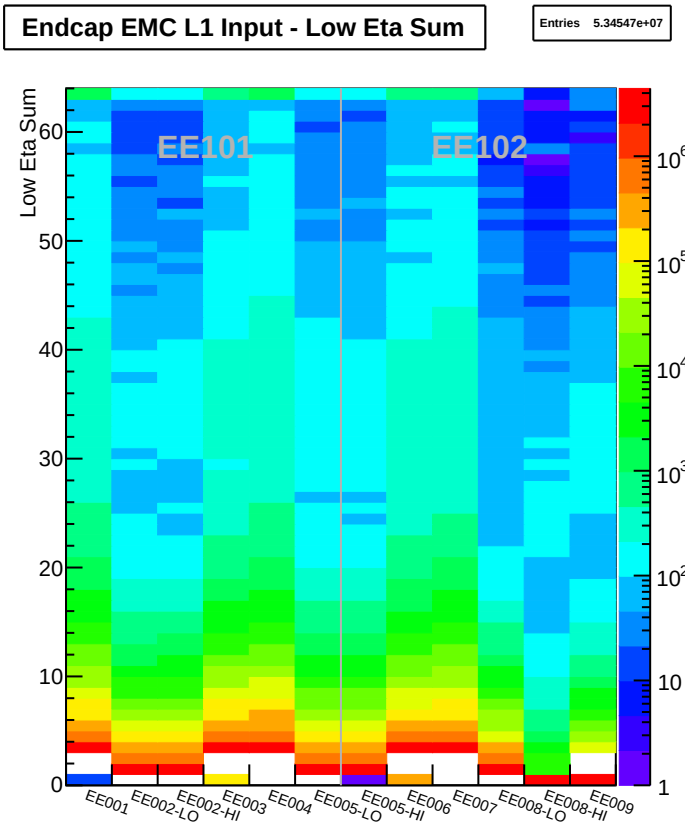

Barrel EMC L1 Input - High Eta Sum
Entries 167842
High Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

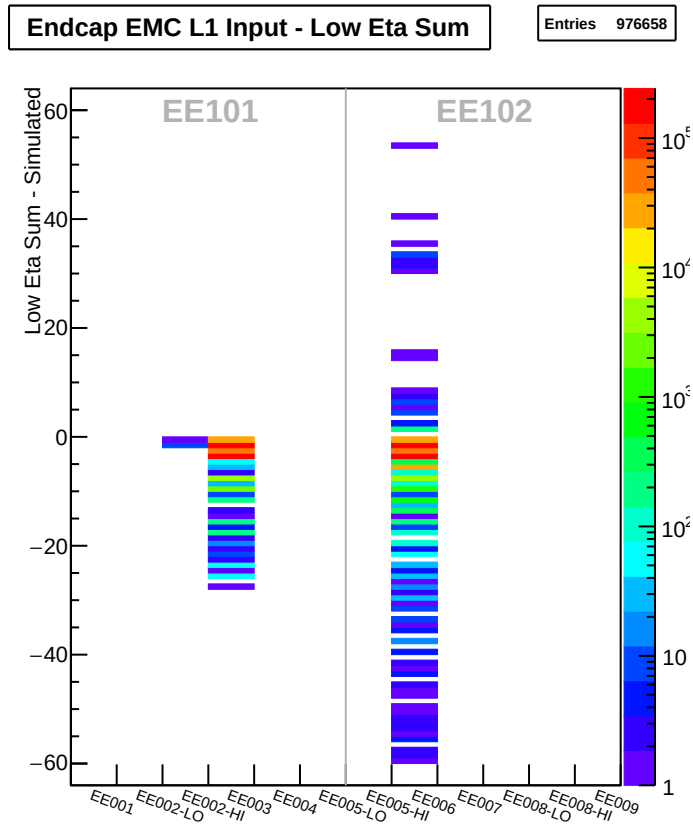

Barrel EMC L1 Input - High Tower Bits
Entries 1.603641e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

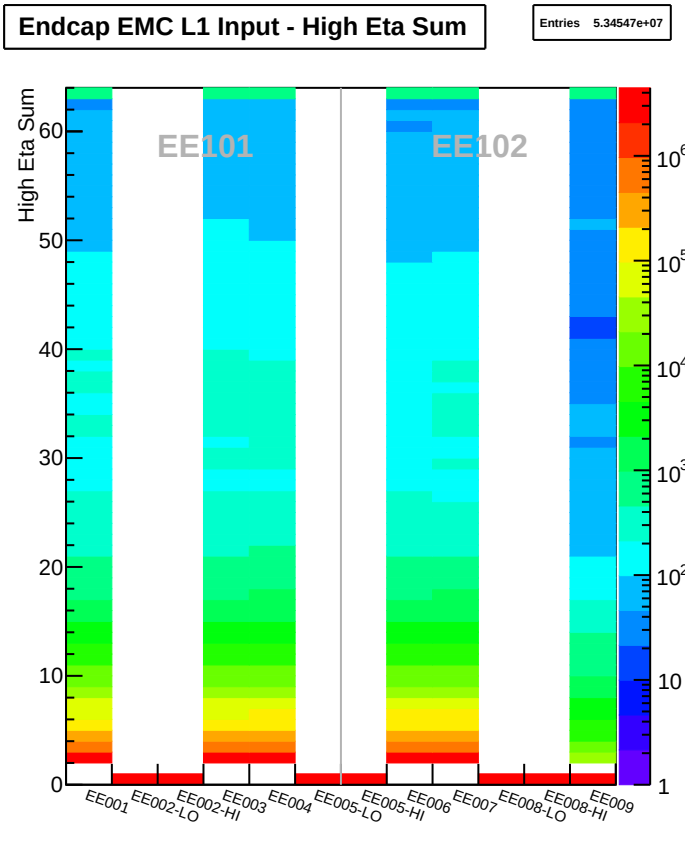

Barrel EMC L1 Input - High Tower Bits
Entries 134124
High Tower Bits - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

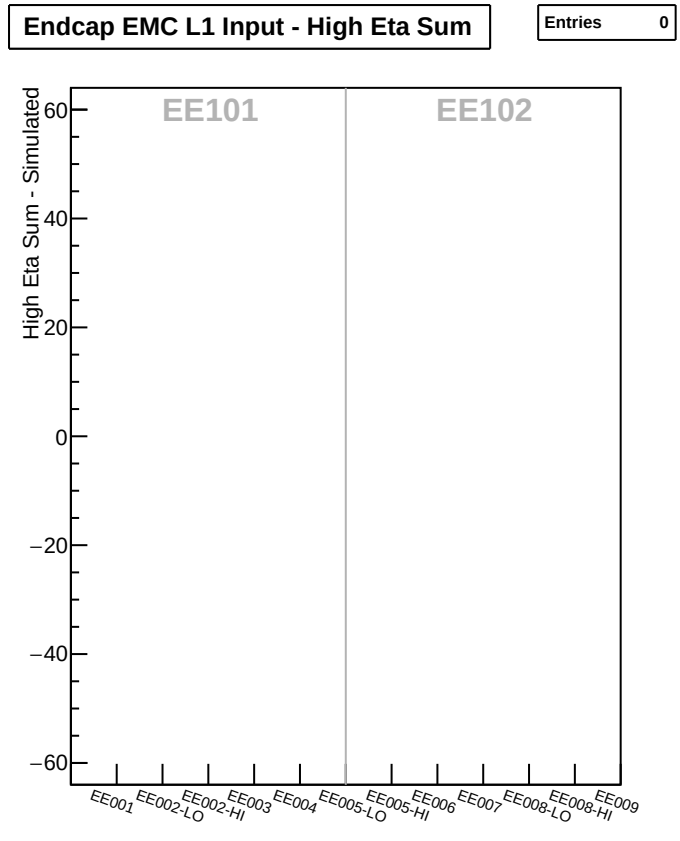

Barrel EMC L1 Input - HT.TP Bit
Entries 1.603641e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

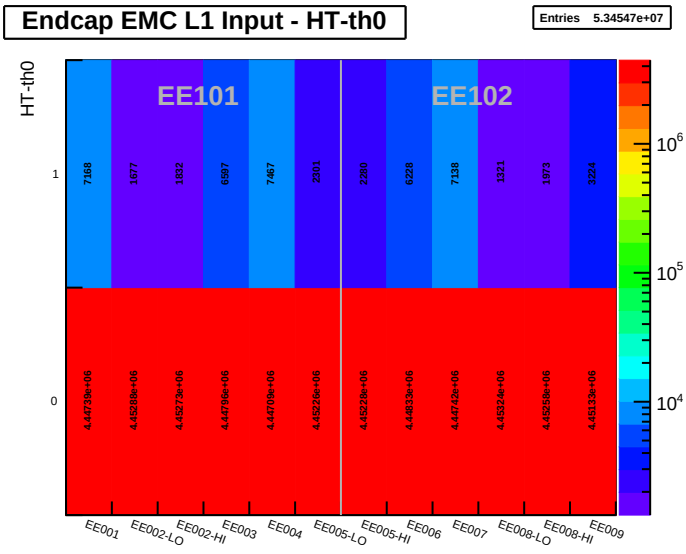

Barrel EMC L1 Input - High Tower Bits
Entries 133203
HT.TP Bit - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

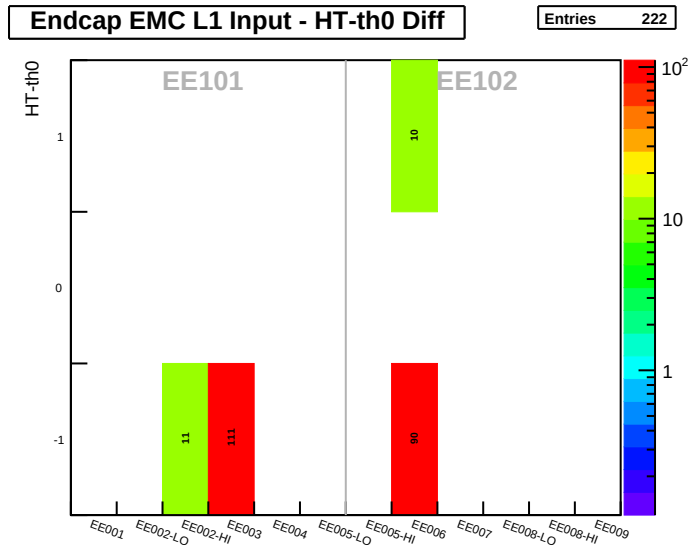

Endcap EMC L1 Input - Low Eta Sum
Entries 5.34547e+07
Low Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

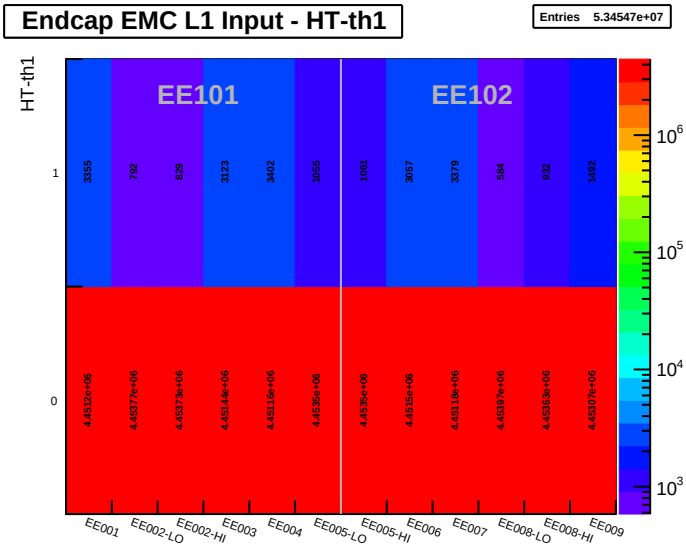

Endcap EMC L1 Input - Low Eta Sum
Entries 976658
Low Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

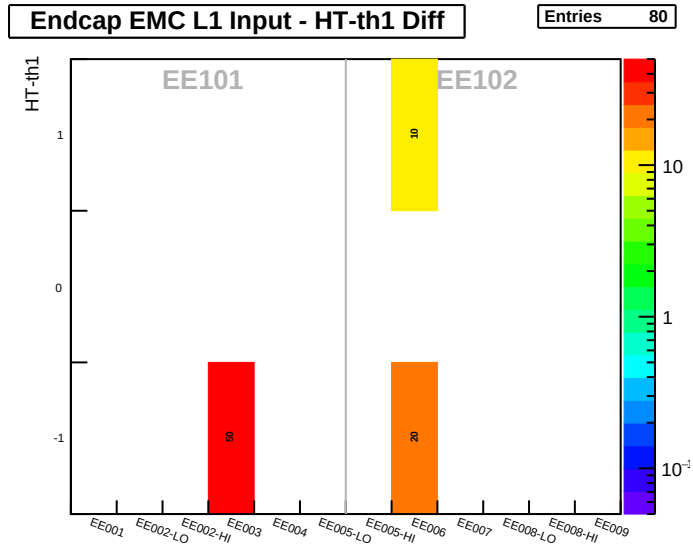

Endcap EMC L1 Input - High Eta Sum
Entries 5.34547e+07
High Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

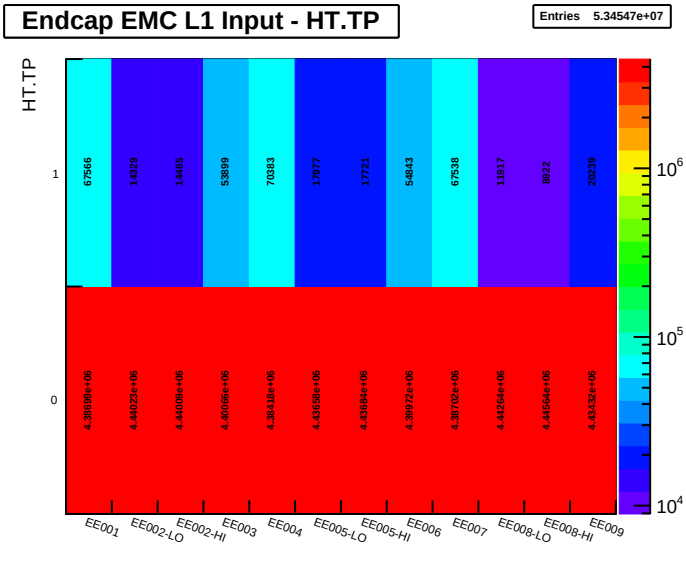

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

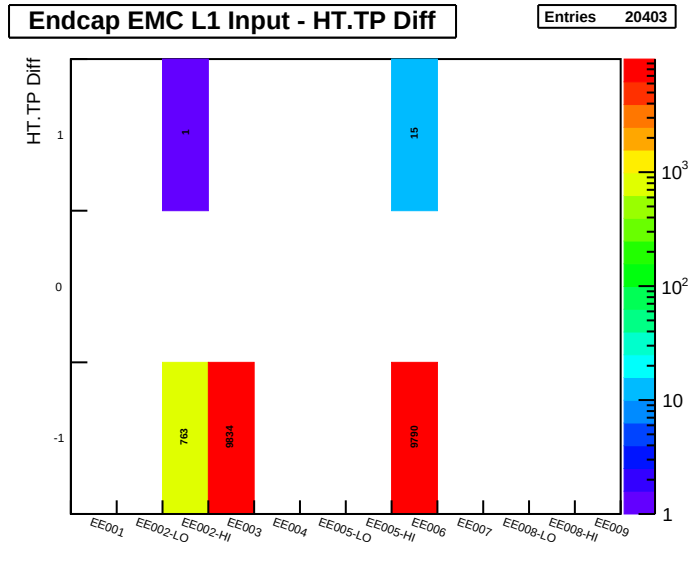

Endcap EMC L1 Input - HT-th0
Entries 5.34547e+07
HT-th0
EE101
EE102
7168 1677 1832 6397 7467 2301 2280 6228 7138 1321 1973 3224
4.44739e+06 4.45288e+06 4.45273e+06 4.44796e+06 4.44709e+06 4.45226e+06 4.45228e+06 4.44833e+06 4.44742e+06 4.45324e+06 4.45258e+06 4.45133e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

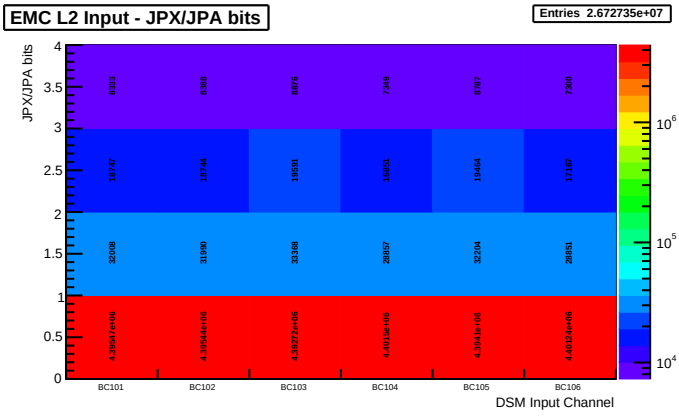

Endcap EMC L1 Input - HT-th0 Diff
Entries 222
HT-th0
EE101
EE102
10
11 111 90
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

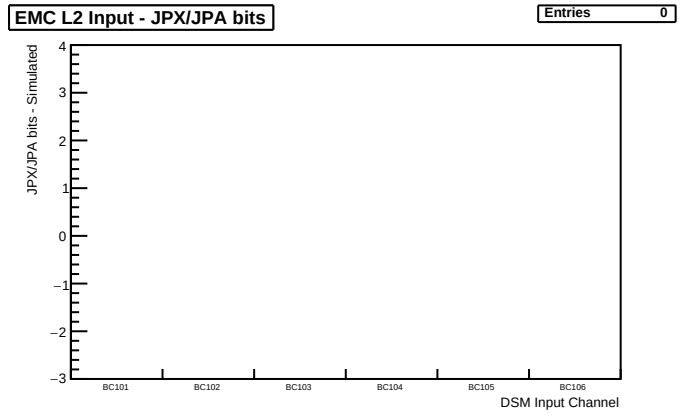

Endcap EMC L1 Input - HT-th1
Entries 5.34547e+07
HT-th1
EE101
EE102
3355 792 829 3123 3402 1055 1061 3057 3379 504 932 1492
4.45512e+06 4.45377e+06 4.45373e+06 4.45144e+06 4.45116e+06 4.45035e+06 4.45035e+06 4.45015e+06 4.45119e+06 4.45397e+06 4.45363e+06 4.45307e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

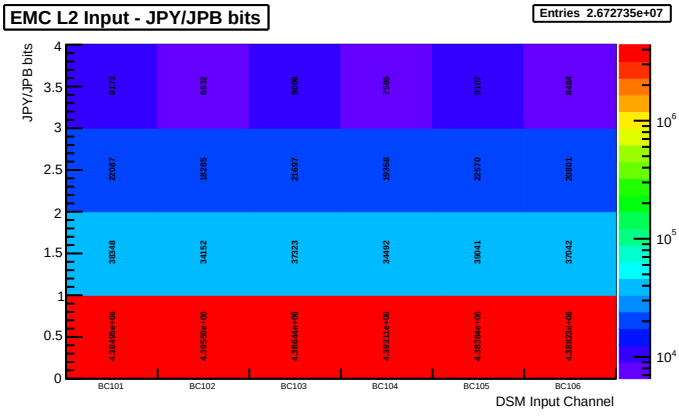

Endcap EMC L1 Input - HT-th1 Diff
Entries 80
HT-th1
EE101
EE102
10
50 20
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

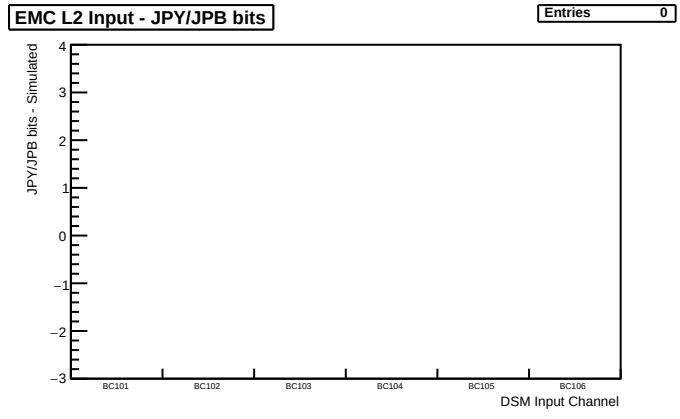

Endcap EMC L1 Input - HT.TP
Entries 5.34547e+07
HT.TP
67566 14329 14465 53899 70383 17977 17721 54843 67538 11917 8322 20239
4.36898e+06 4.44023e+06 4.44008e+06 4.40066e+06 4.38418e+06 4.43658e+06 4.43684e+06 4.39972e+06 4.39702e+06 4.44264e+06 4.44564e+06 4.45432e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

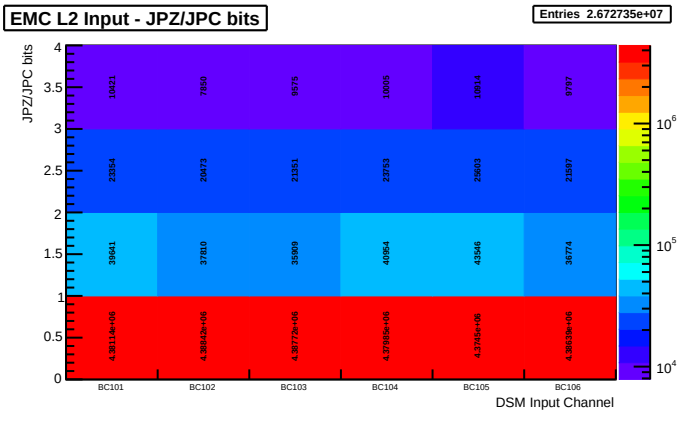

Endcap EMC L1 Input - HT.TP Diff
Entries 20403
HT.TP Diff
1
15
763 9834
9790
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

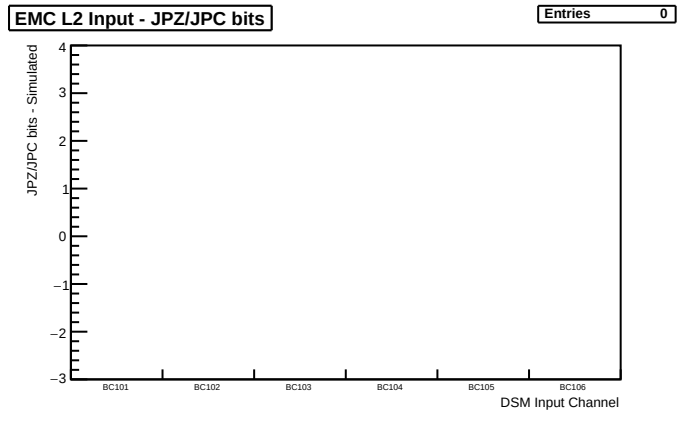

EMC L2 Input - JPX/JPA bits
Entries 2.672735e+07
JPX/JPA bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
8333
8338
8876
7349
8727
7300
16747
16744
19581
16851
19464
17167
32008
31990
33388
28957
32204
28951
4.39947e+06
4.39564e+06
4.39272e+06
4.4015e+06
4.39418e+06
4.40124e+06

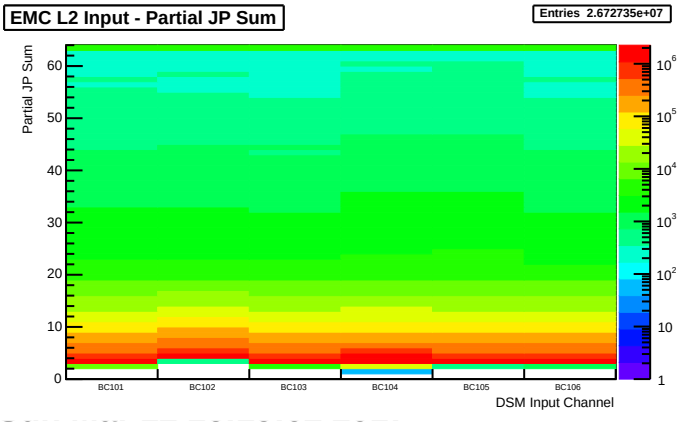

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

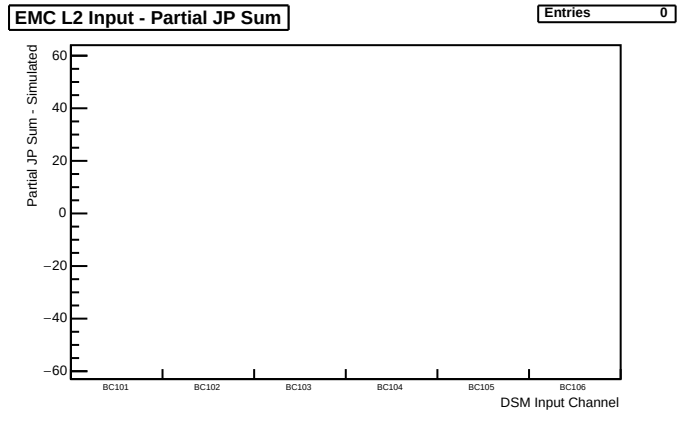

EMC L2 Input - JPY/JPB bits
Entries 2.672735e+07
JPY/JPB bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
9123
6532
9066
7585
9107
8494
22087
18285
21697
19368
22570
20891
38848
34152
37323
34492
39041
37042
4.38495e+06
4.39559e+06
4.38544e+06
4.39311e+06
4.38394e+06
4.39323e+06

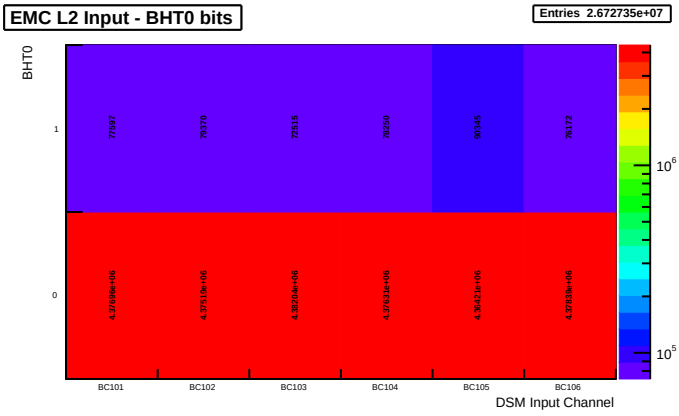

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

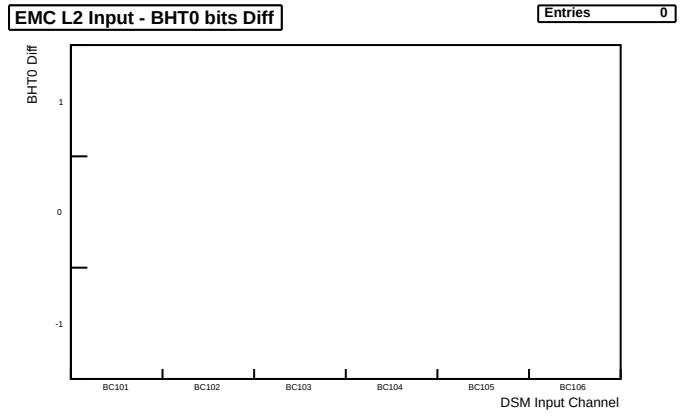

EMC L2 Input - JPZ/JPC bits
Entries 2.672735e+07
JPZ/JPC bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
10421
7859
9575
10005
10514
9707
23354
20473
21351
23753
25803
21597
39641
37810
35909
40954
43546
36774
4.38114e+06
4.38842e+06
4.38772e+06
4.37935e+06
4.37454e+06
4.38639e+06

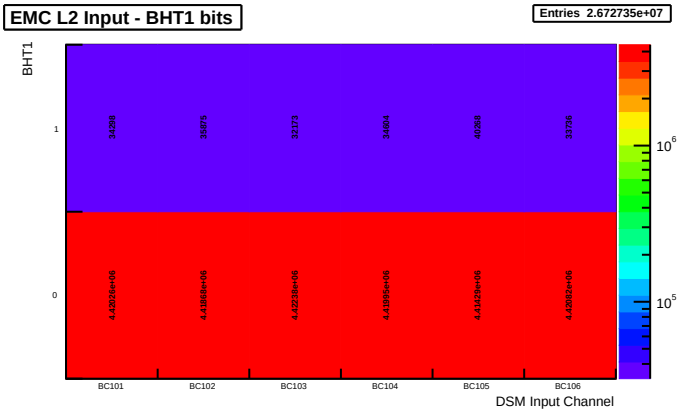

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

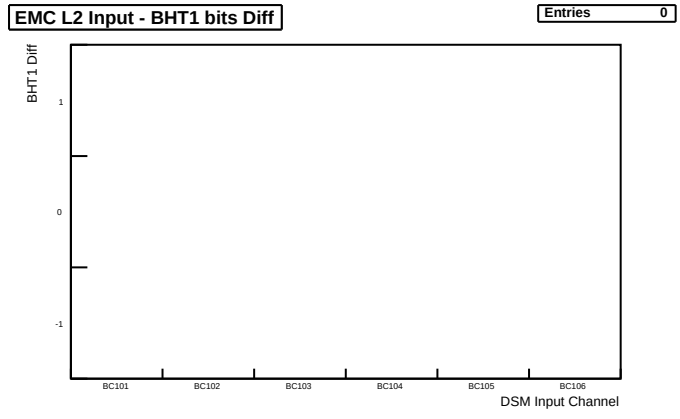

EMC L2 Input - Partial JP Sum
Entries 2.672735e+07
Partial JP Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

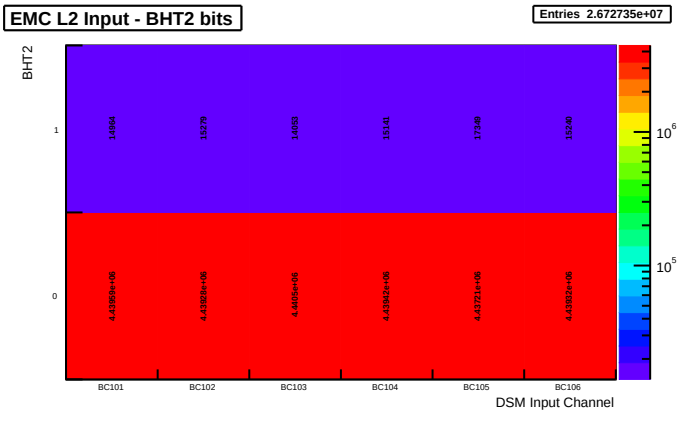

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

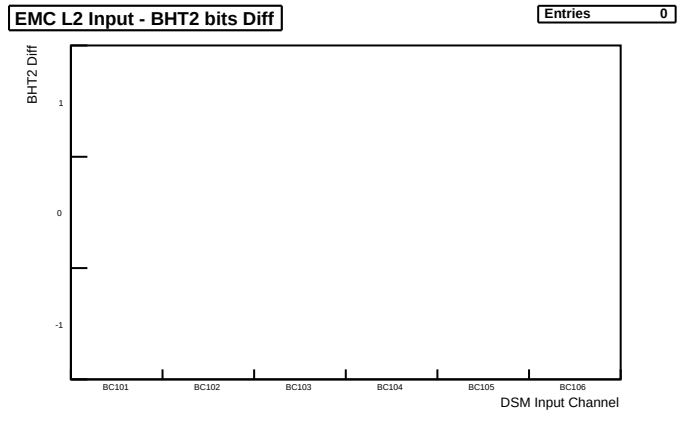

EMC L2 Input - BHT0 bits
Entries 2.672735e+07
BHT0
1
0
77397
79370
72515
78250
90345
78172
4.37698e+06
4.37519e+06
4.39204e+06
4.37631e+06
4.35421e+06
4.37039e+06
10^6
10^5
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

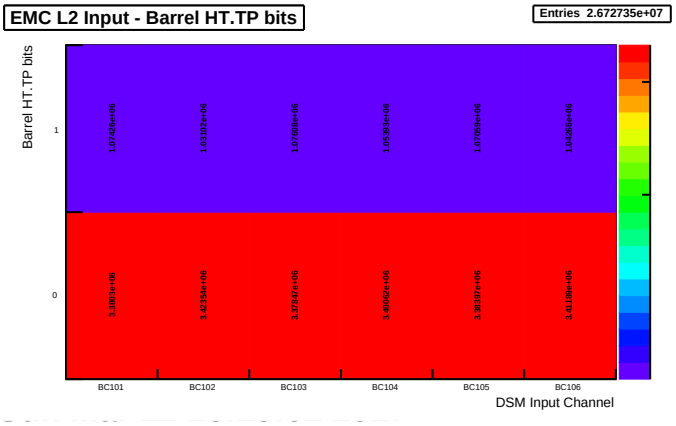

EMC L2 Input - BHT0 bits Diff
Entries 0
BHT0 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

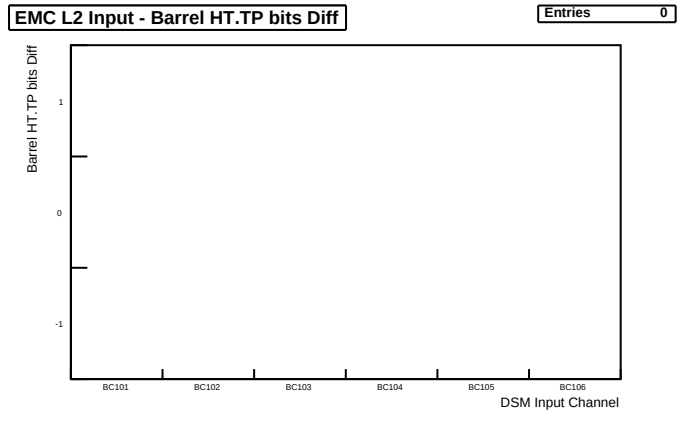

EMC L2 Input - BHT1 bits
Entries 2.672735e+07
BHT1
1
0
34258
35975
32173
34604
40258
33736
4.42026e+06
4.41868e+06
4.42238e+06
4.41995e+06
4.41429e+06
4.42002e+06
10^6
10^5
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

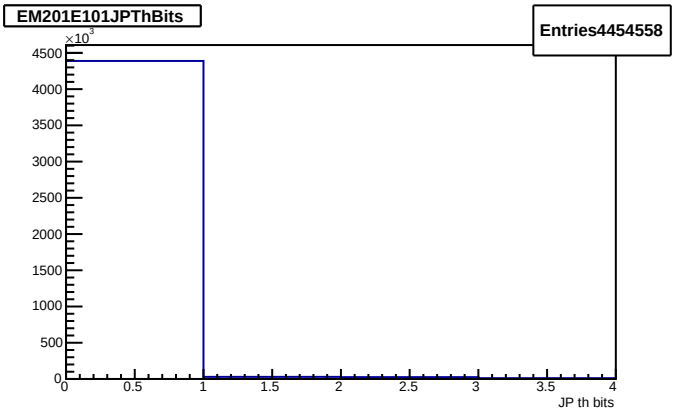

EMC L2 Input - BHT1 bits Diff
Entries 0
BHT1 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

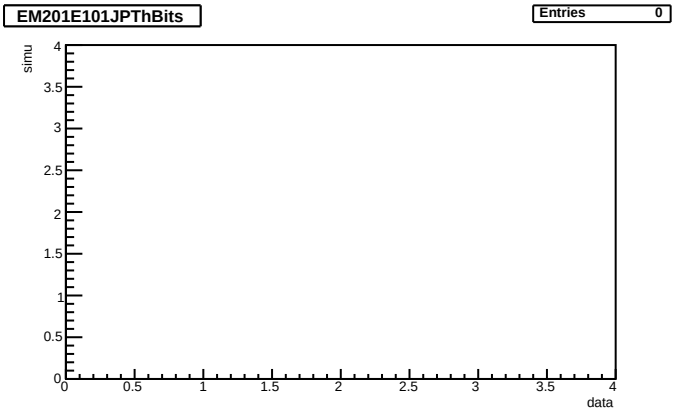

EMC L2 Input - BHT2 bits
Entries 2.672735e+07
BHT2
1
0
14364
15279
14053
15141
17349
15240
4.43939e+06
4.43928e+06
4.44054e+06
4.43942e+06
4.43721e+06
4.43932e+06
10^6
10^5
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

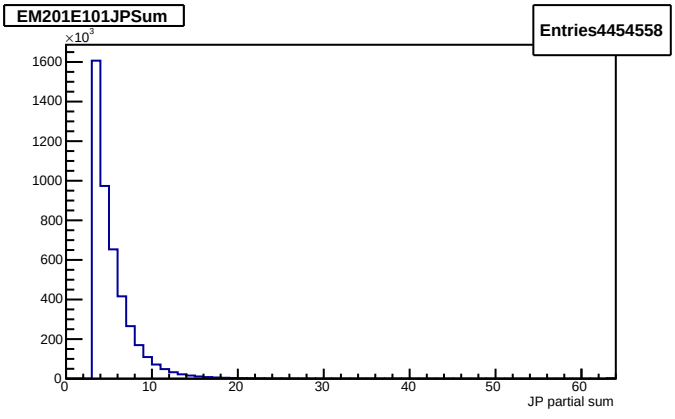

EMC L2 Input - BHT2 bits Diff
Entries 0
BHT2 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

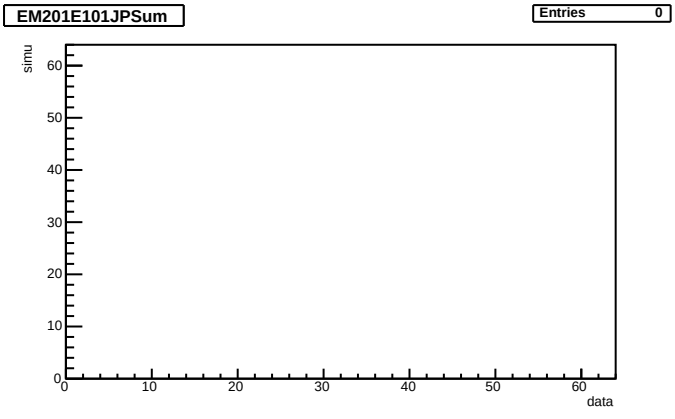

EMC L2 Input - Barrel HT.TP bits
Entries 2.672735e+07
Barrel HT.TP bits
1
0
1.07426e+06
1.03102e+06
1.07689e+06
1.05293e+06
1.07059e+06
1.04266e+06
3.3803e+06
3.42354e+06
3.37947e+06
3.40052e+06
3.38397e+06
3.41188e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

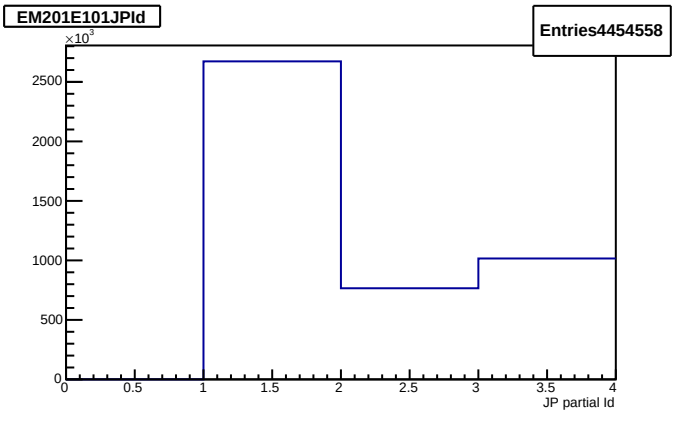

EMC L2 Input - Barrel HT.TP bits Diff
Entries 0
Barrel HT.TP bits Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

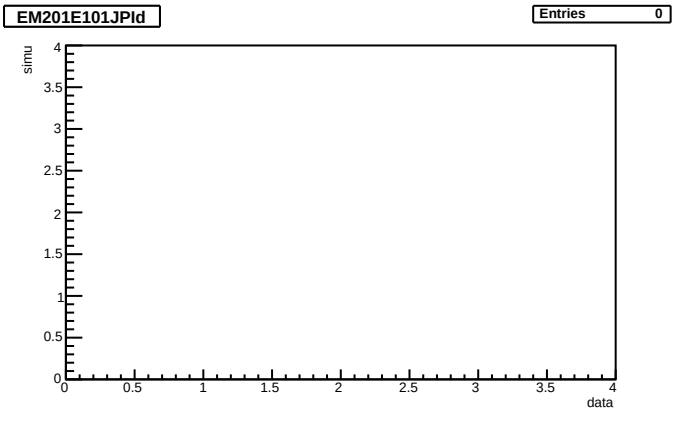

EM201E101JPThBits
Entries4454558
×10^3
JP th bits

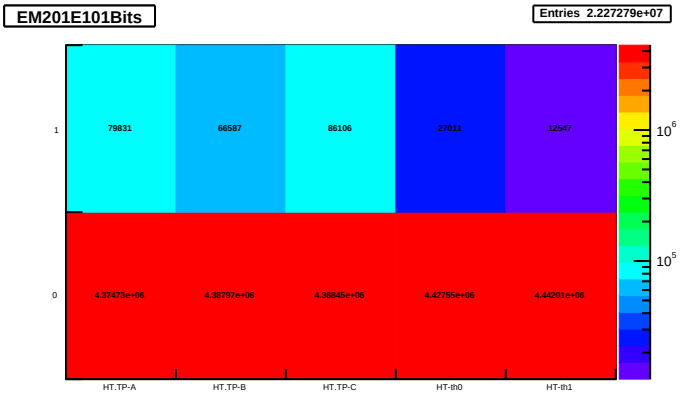

EM201E101JPThBits
Entries 0
simu
data

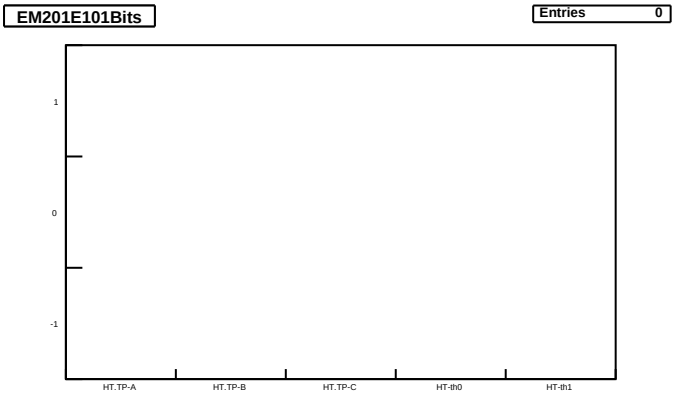

EM201E101JPSum
Entries4454558
×10^3
JP partial sum

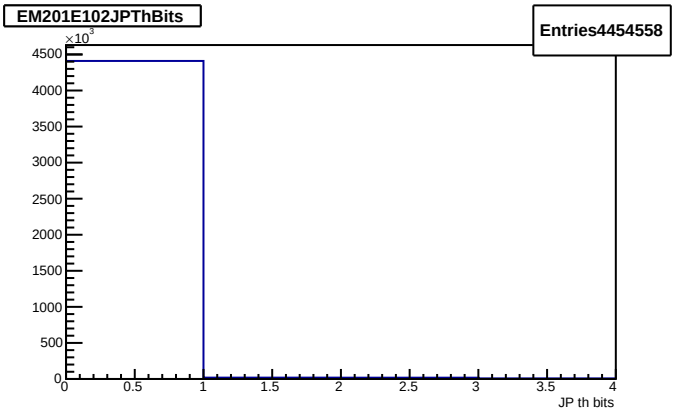

EM201E101JPSum
Entries 0
simu
data

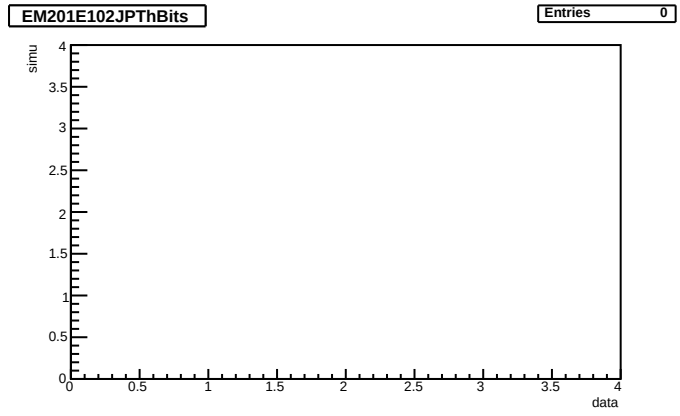

EM201E101JPId
Entries4454558
×10^3
JP partial Id

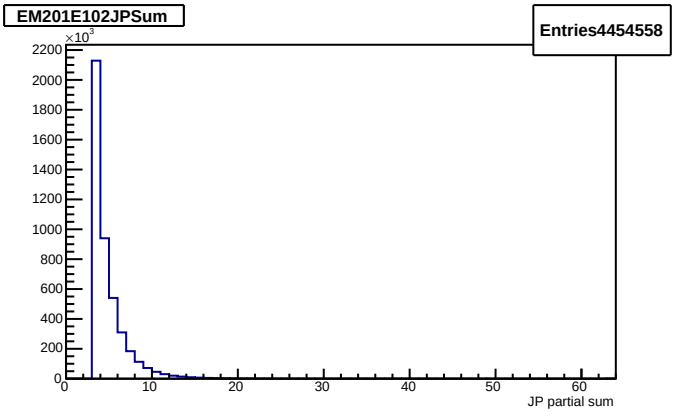

EM201E101JPId
Entries 0
simu
data

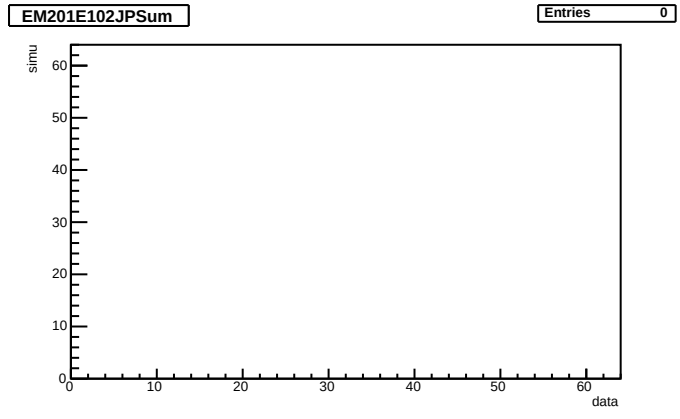

EM201E101Bits
Entries 2.227279e+07
79831
66587
86106
27011
12547
4.37473e+06
4.38797e+06
4.36845e+06
4.42755e+06
4.44201e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

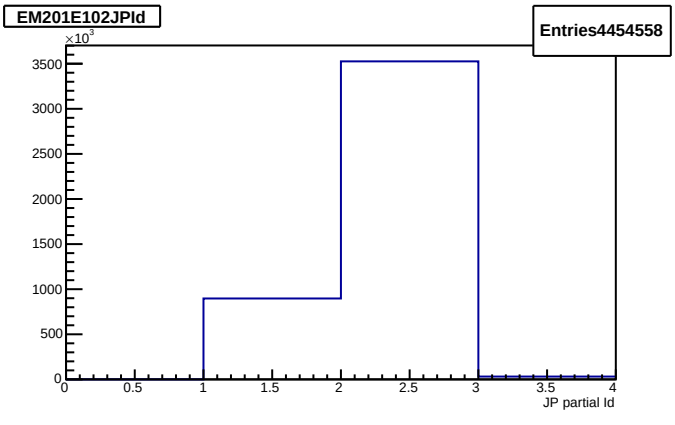

EM201E101Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

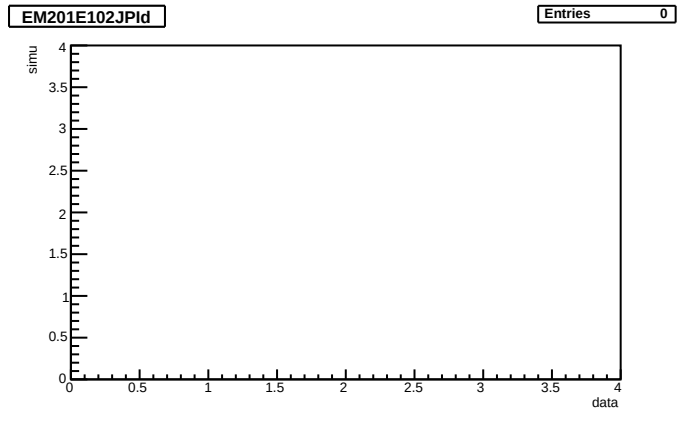

EM201E102JPThBits
Entries4454558
JP th bits

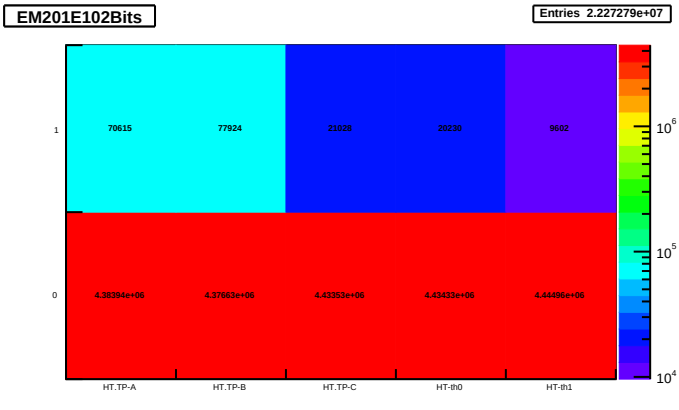

EM201E102JPThBits
Entries 0
simu
data

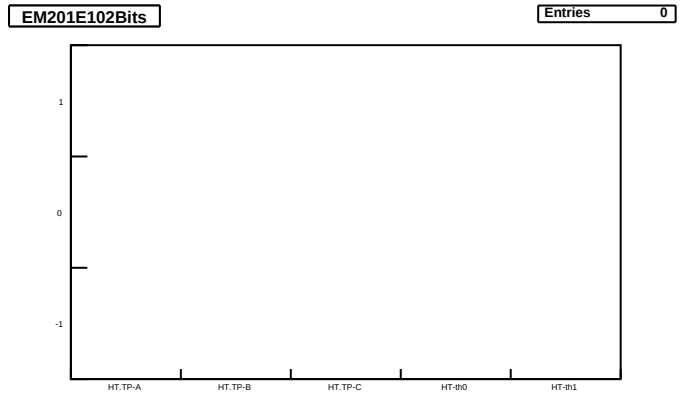

EM201E102JPSum
Entries4454558
JP partial sum

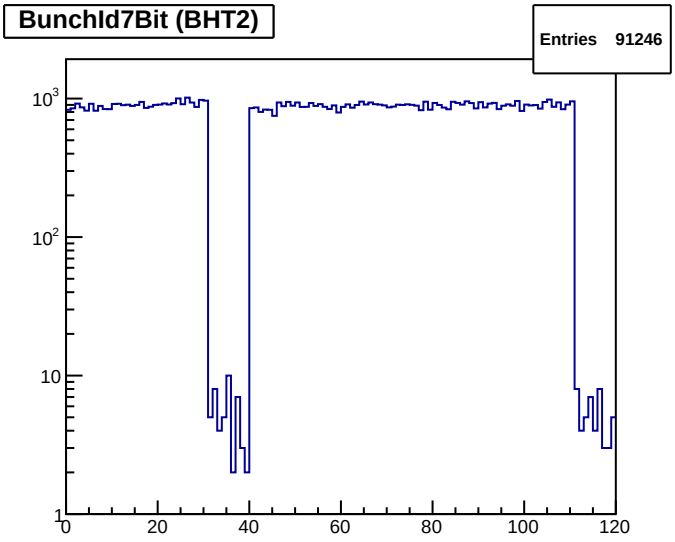

EM201E102JPSum
Entries 0
simu
data

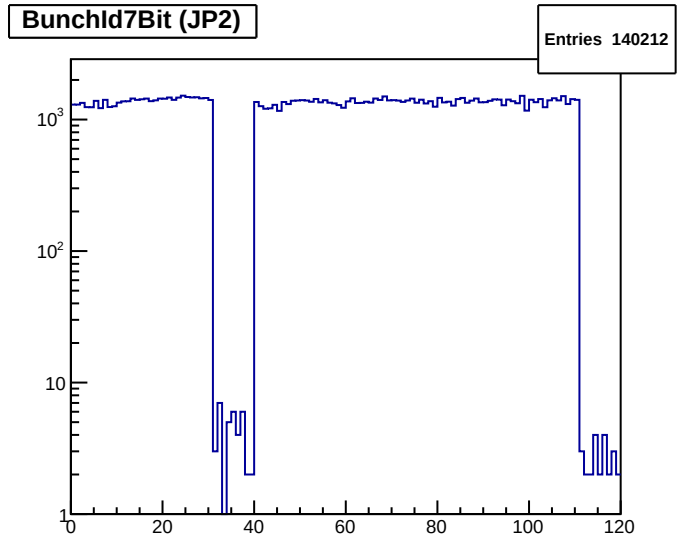

EM201E102JPId
Entries4454558
JP partial Id

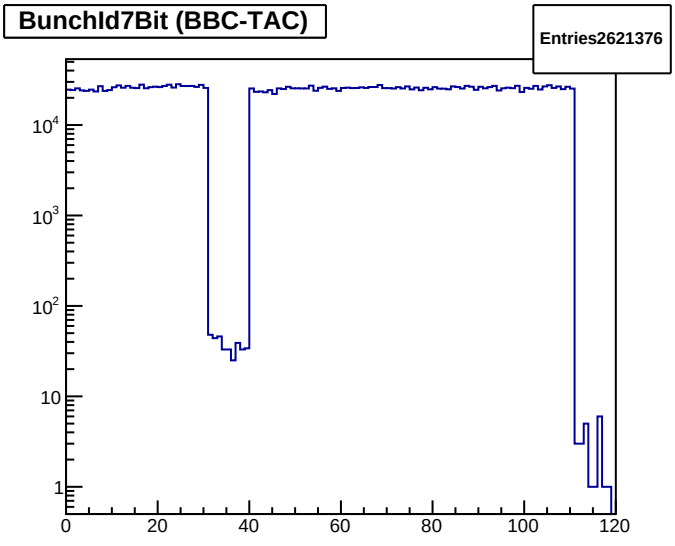

EM201E102JPId
Entries 0
simu
data

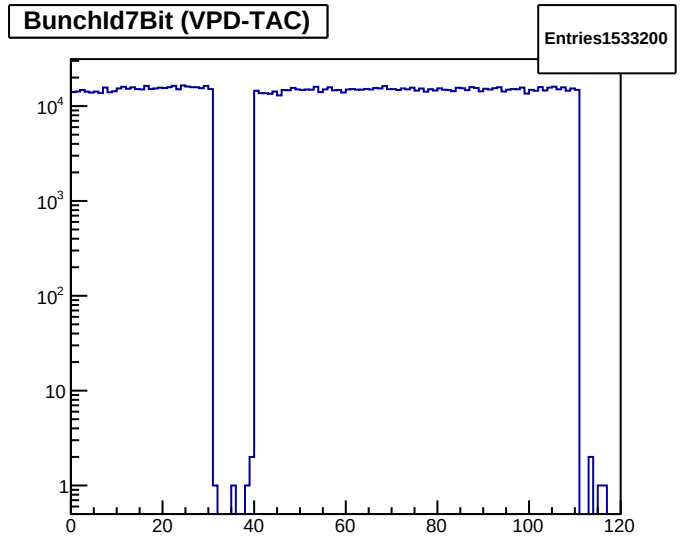

EM201E102Bits
Entries 2.227279e+07
70615
77924
21028
20230
9602
4.38394e+06
4.37663e+06
4.43353e+06
4.43433e+06
4.44496e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

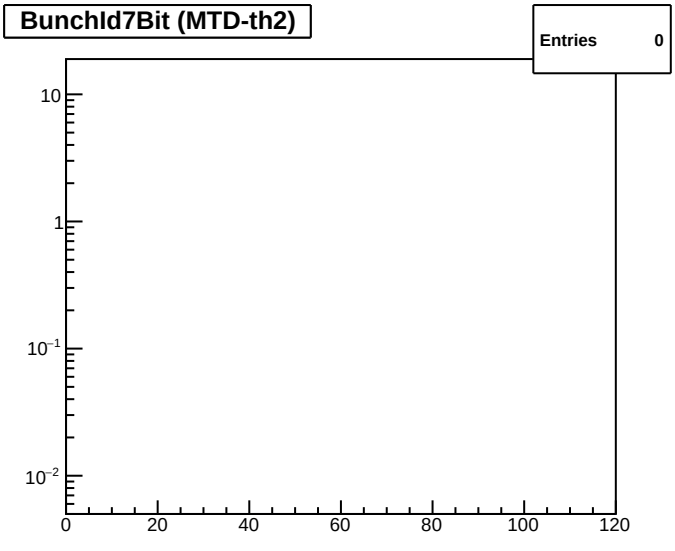

EM201E102Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

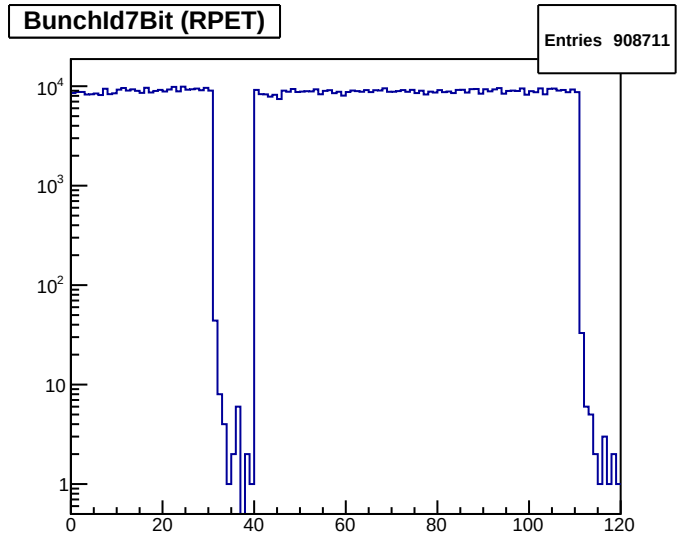

BunchId7Bit (BHT2)
Entries 91246

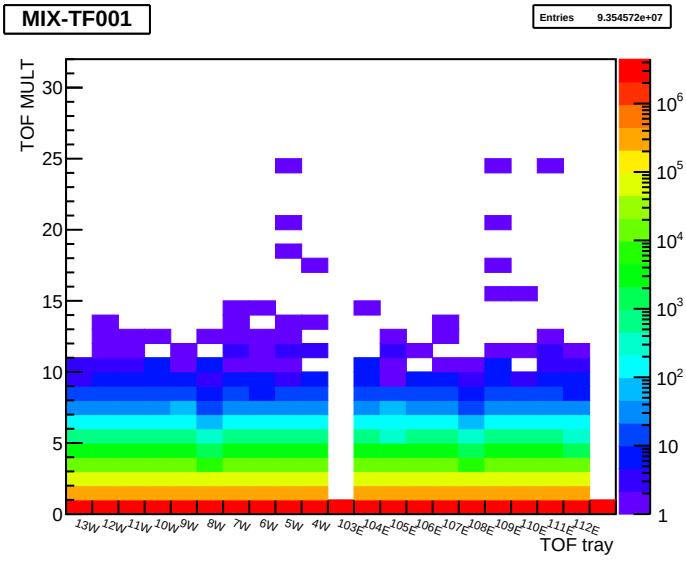

BunchId7Bit (JP2)
Entries 140212

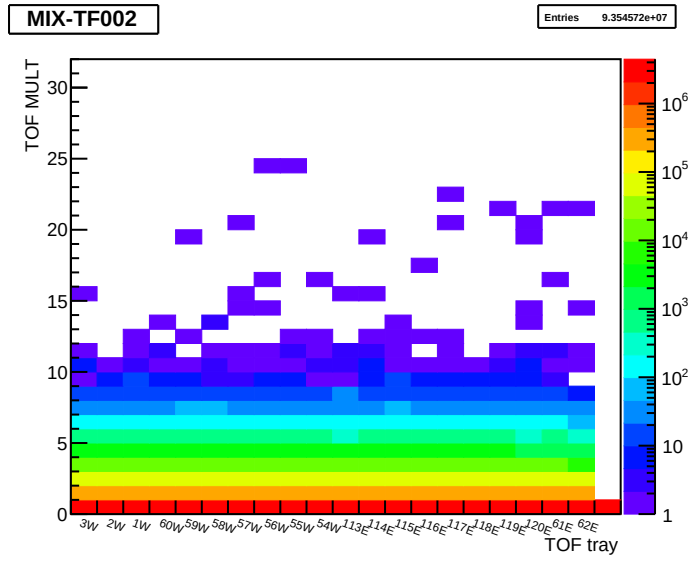

BunchId7Bit (BBC-TAC)
Entries2621376

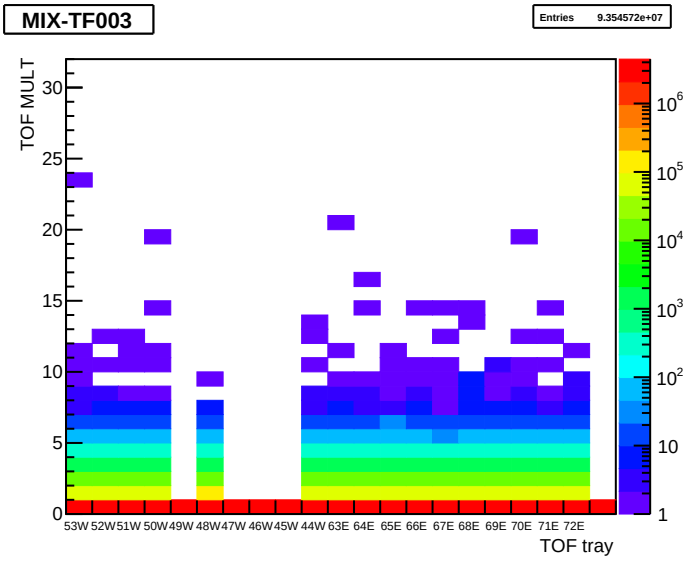

BunchId7Bit (VPD-TAC)
Entries1533200

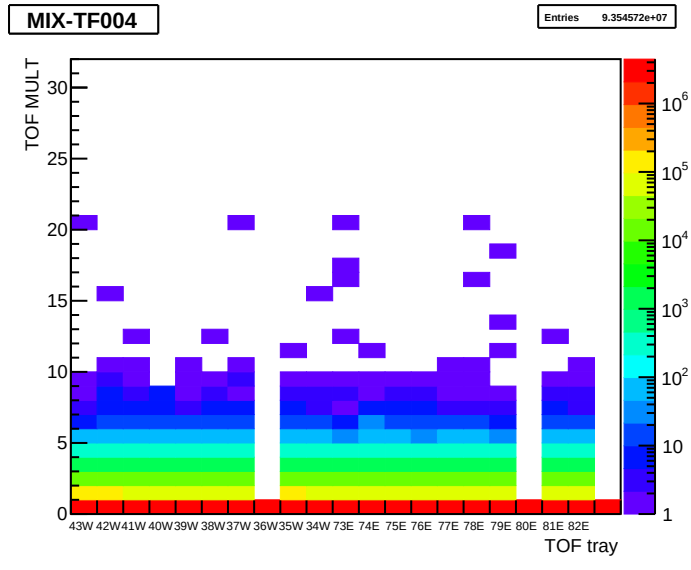

BunchId7Bit (MTD-th2)
Entries 0

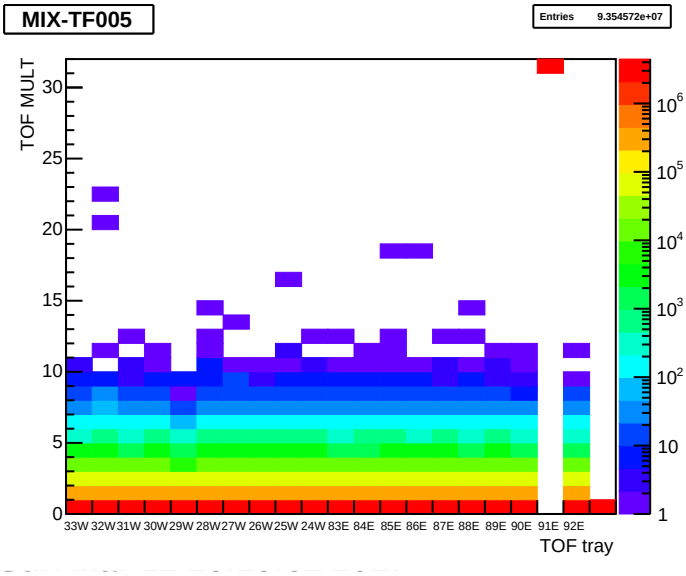

BunchId7Bit (RPET)
Entries 908711

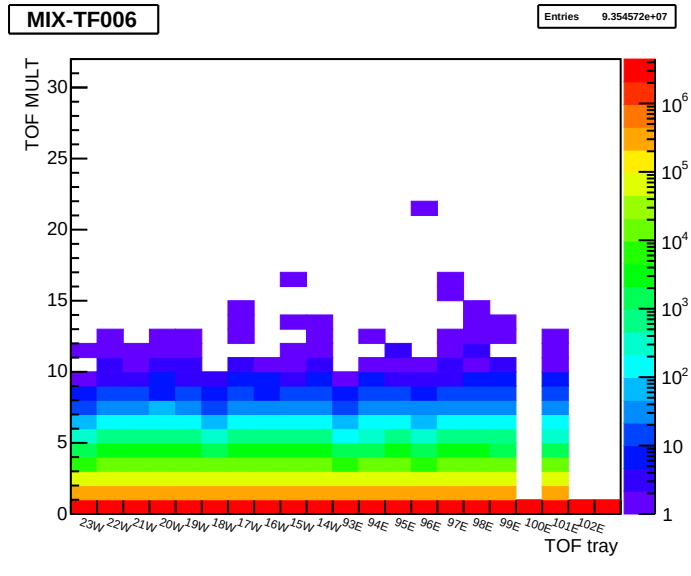

MIX-TF001
Entries 9.354572e+07
TOF MULT
TOF tray

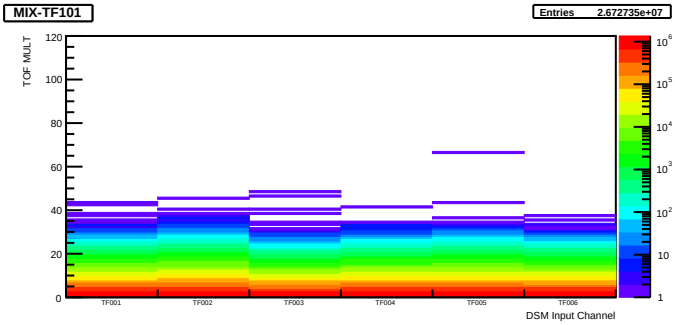

MIX-TF002
Entries 9.354572e+07
TOF MULT
TOF tray

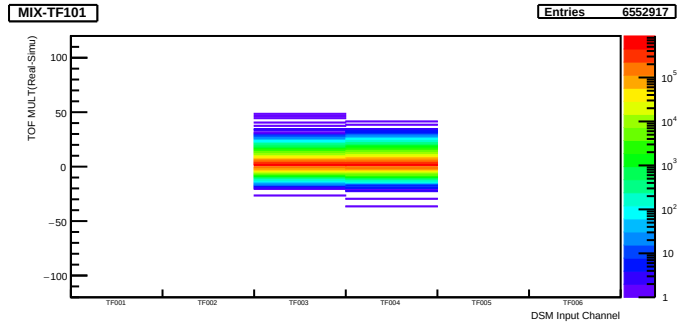

MIX-TF003
Entries 9.354572e+07
TOF MULT
TOF tray

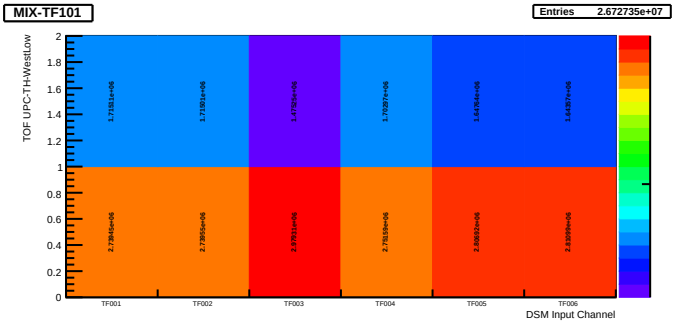

MIX-TF004
Entries 9.354572e+07
TOF MULT
TOF tray

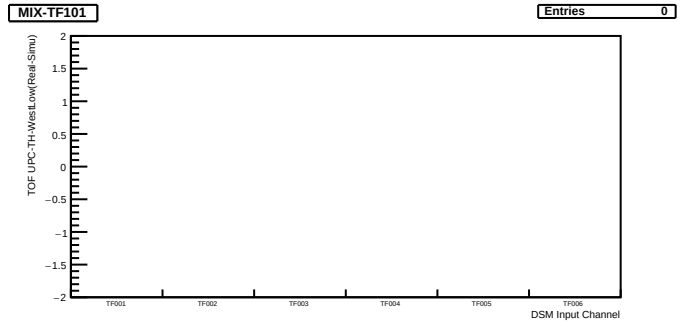

MIX-TF005
Entries 9.354572e+07
TOF MULT
TOF tray

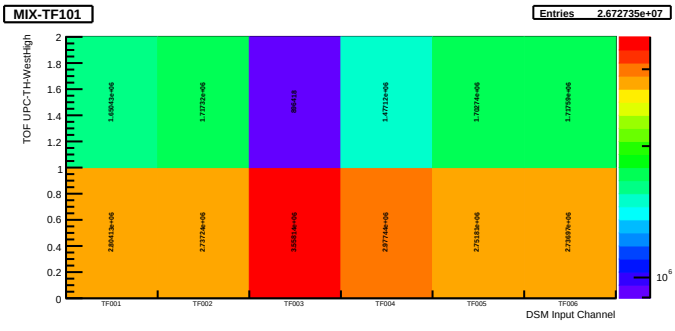

MIX-TF006
Entries 9.354572e+07
TOF MULT
TOF tray

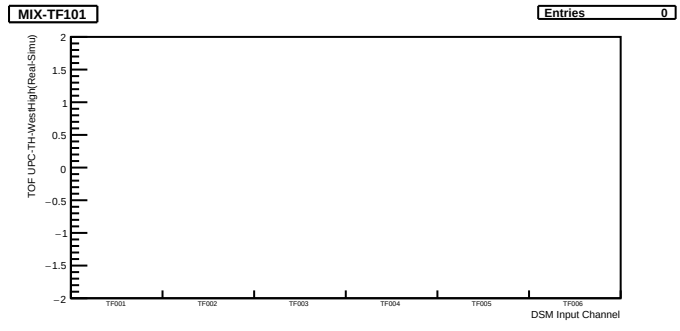

MIX-TF101
Entries 2.672735e+07
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

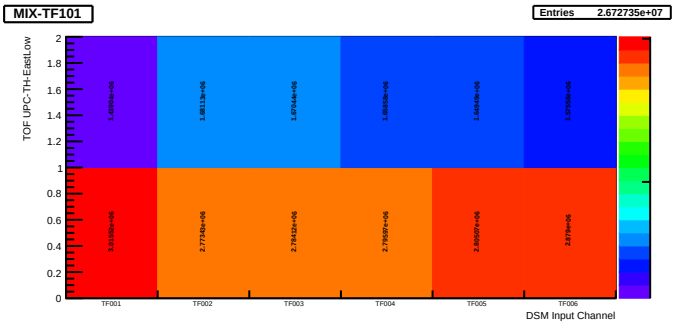

MIX-TF101
Entries 6552917
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

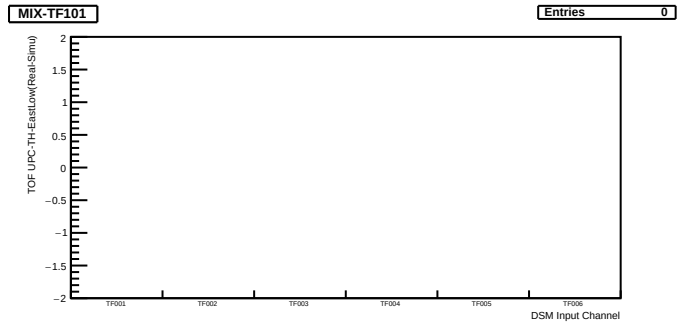

MIX-TF101
Entries 2.672735e+07
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

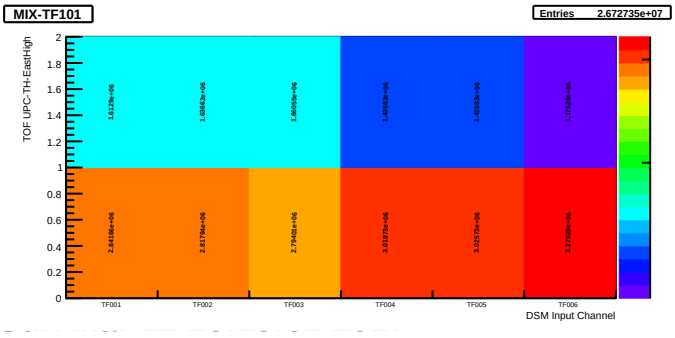

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

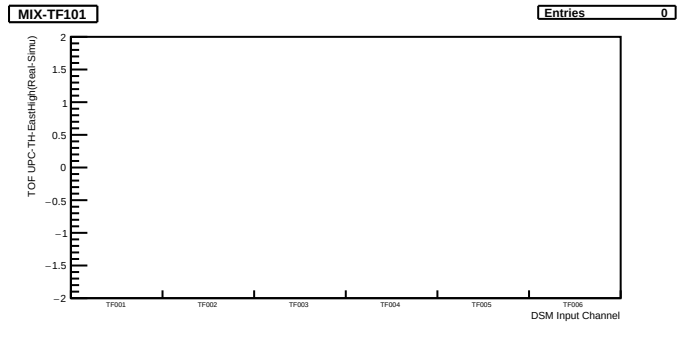

MIX-TF101
Entries 2.672735e+07
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

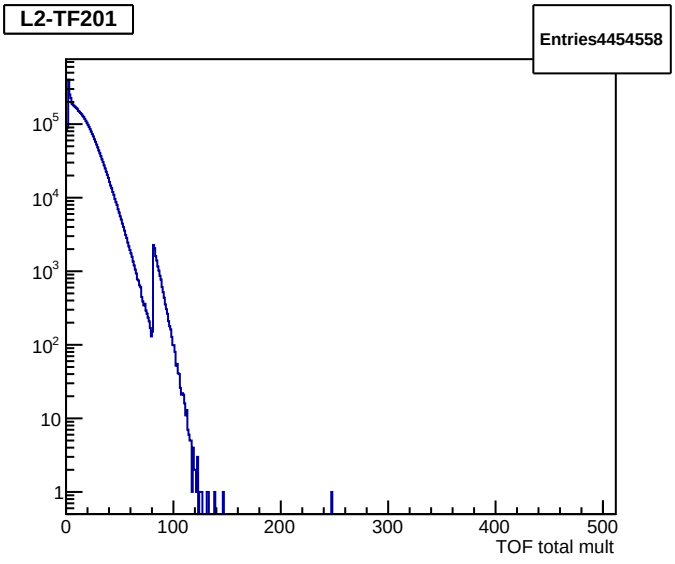

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

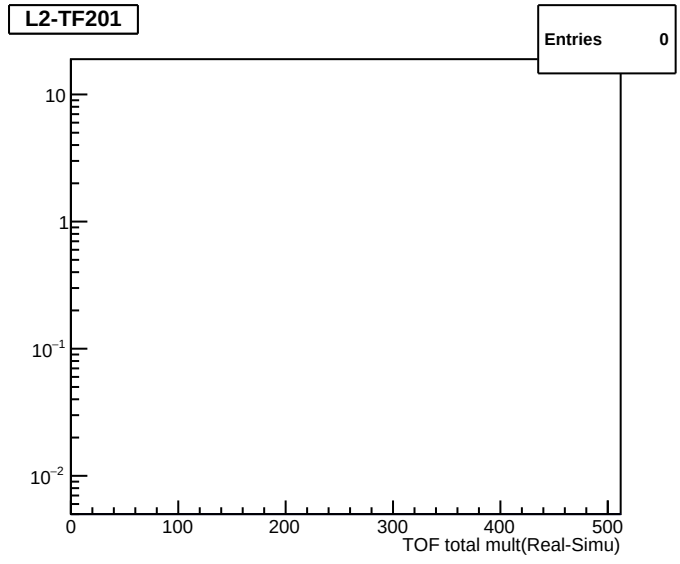

MIX-TF101
Entries 2.672735e+07
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

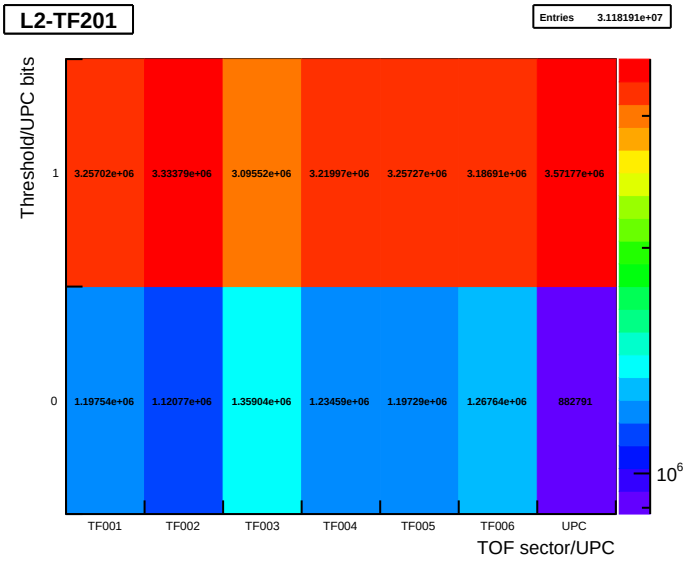

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

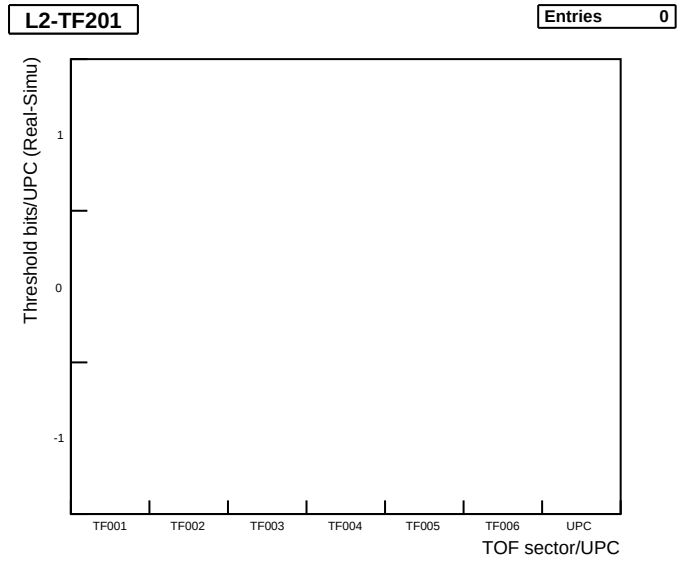

MIX-TF101
Entries 2.672735e+07
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

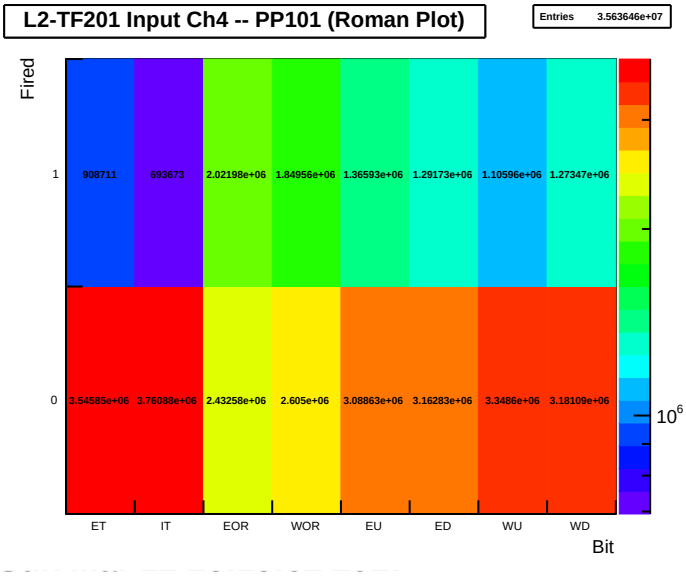

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

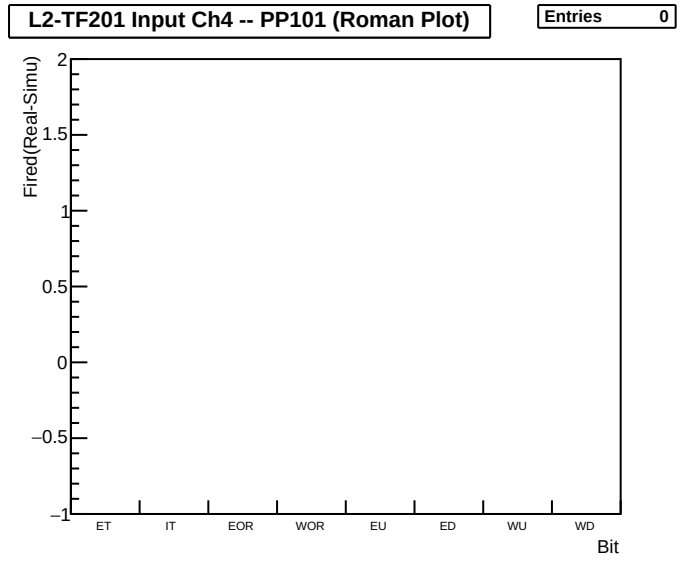

L2-TF201
Entries4454558
TOF total mult

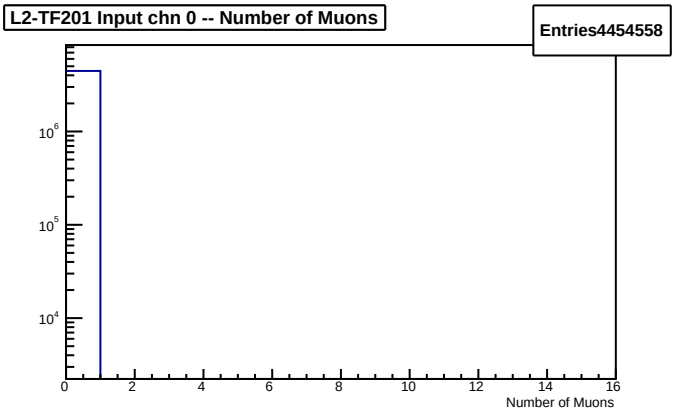

L2-TF201
Entries 0
TOF total mult(Real-Simu)

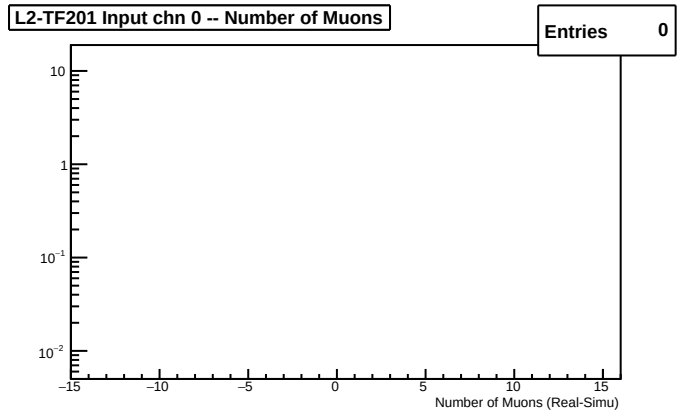

L2-TF201
Entries 3.118191e+07
Threshold/UPC bits
3.25702e+06
3.33379e+06
3.09552e+06
3.21997e+06
3.25727e+06
3.18691e+06
3.57177e+06
1.19754e+06
1.12077e+06
1.35904e+06
1.23459e+06
1.19729e+06
1.26764e+06
882791
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

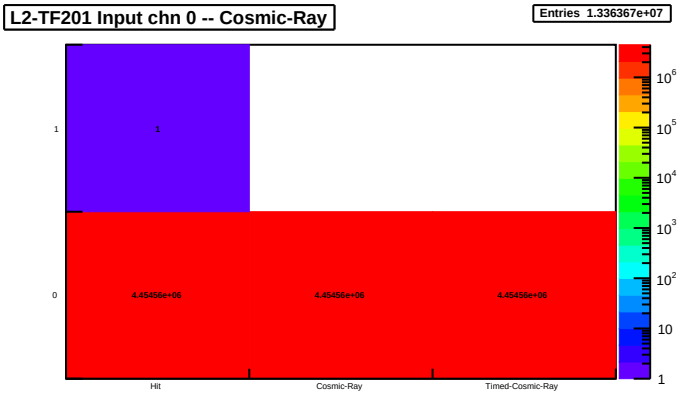

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

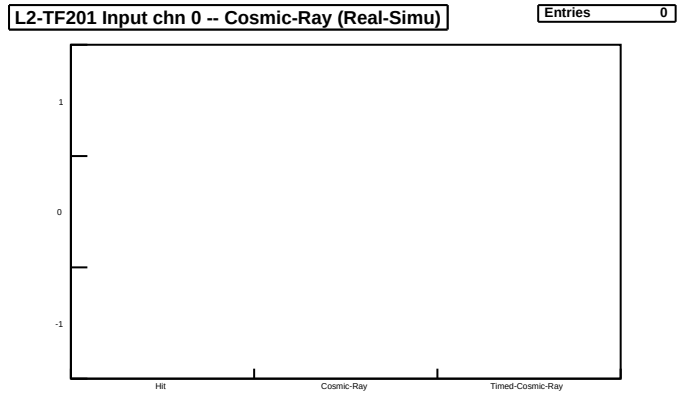

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 3.563646e+07
Fired
908711
693673
2.02198e+06
1.84956e+06
1.36593e+06
1.29173e+06
1.10596e+06
1.27347e+06
3.54585e+06
3.76088e+06
2.43258e+06
2.605e+06
3.08863e+06
3.16283e+06
3.3486e+06
3.18109e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

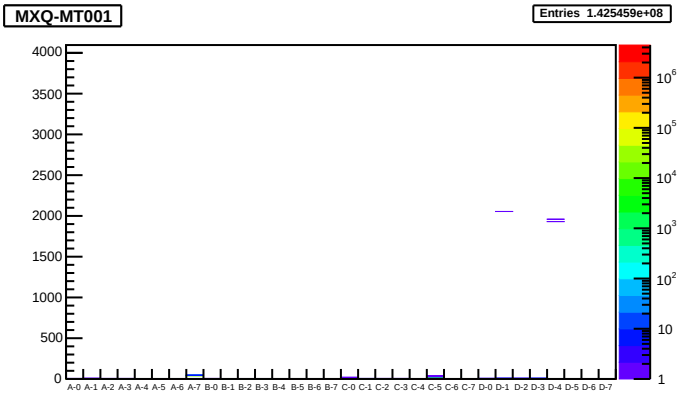

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

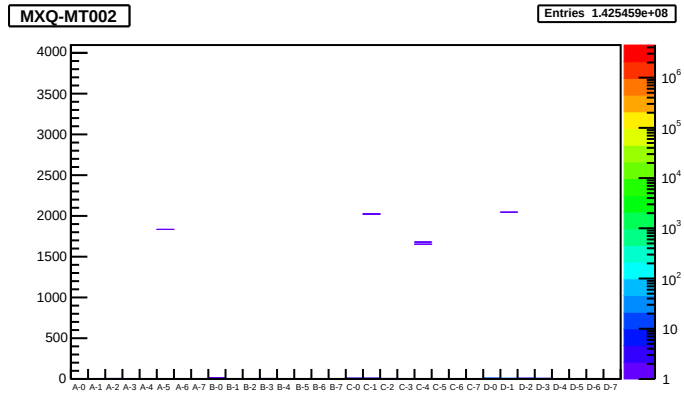

L2-TF201 Input chn 0 -- Number of Muons
Entries4454558
Number of Muons

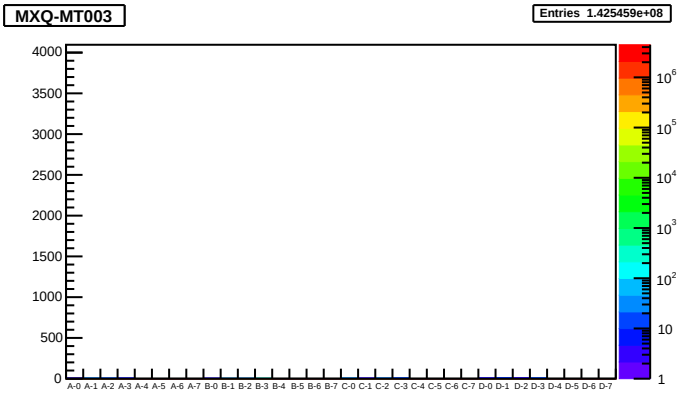

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

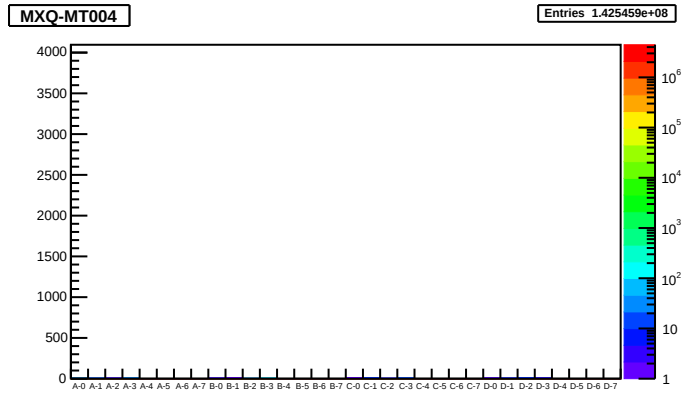

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 1.336367e+07
4.45456e+06
4.45456e+06
4.45456e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

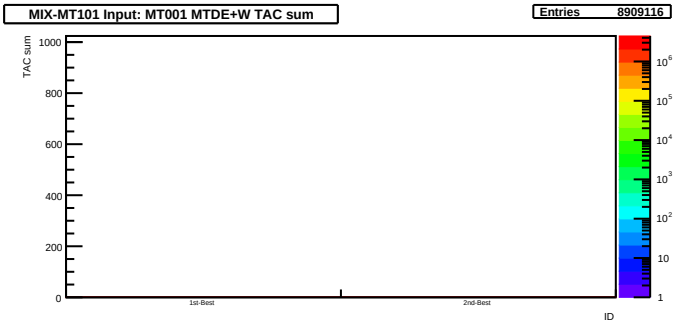

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

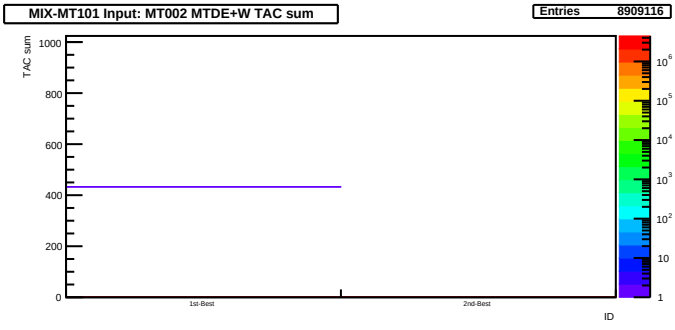

MXQ-MT001
Entries 1.425459e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

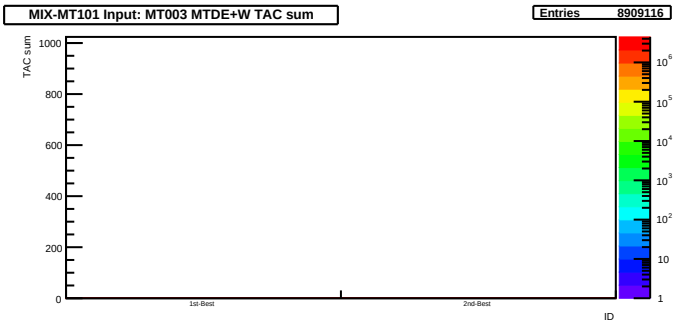

MXQ-MT002
Entries 1.425459e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

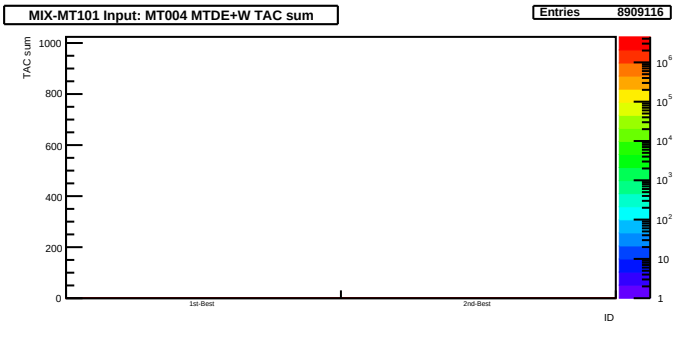

MXQ-MT003
Entries 1.425459e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

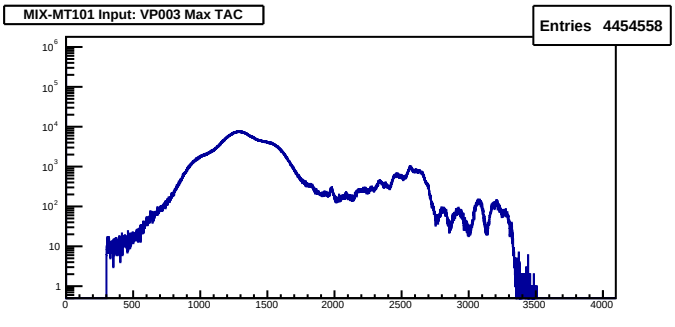

MXQ-MT004
Entries 1.425459e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

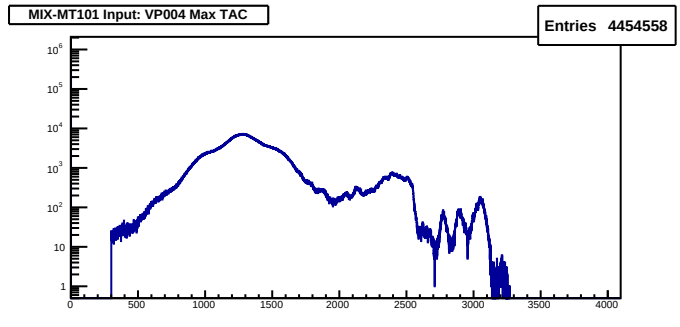

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 8909116
TAC sum
1st-Best
2nd-Best
ID

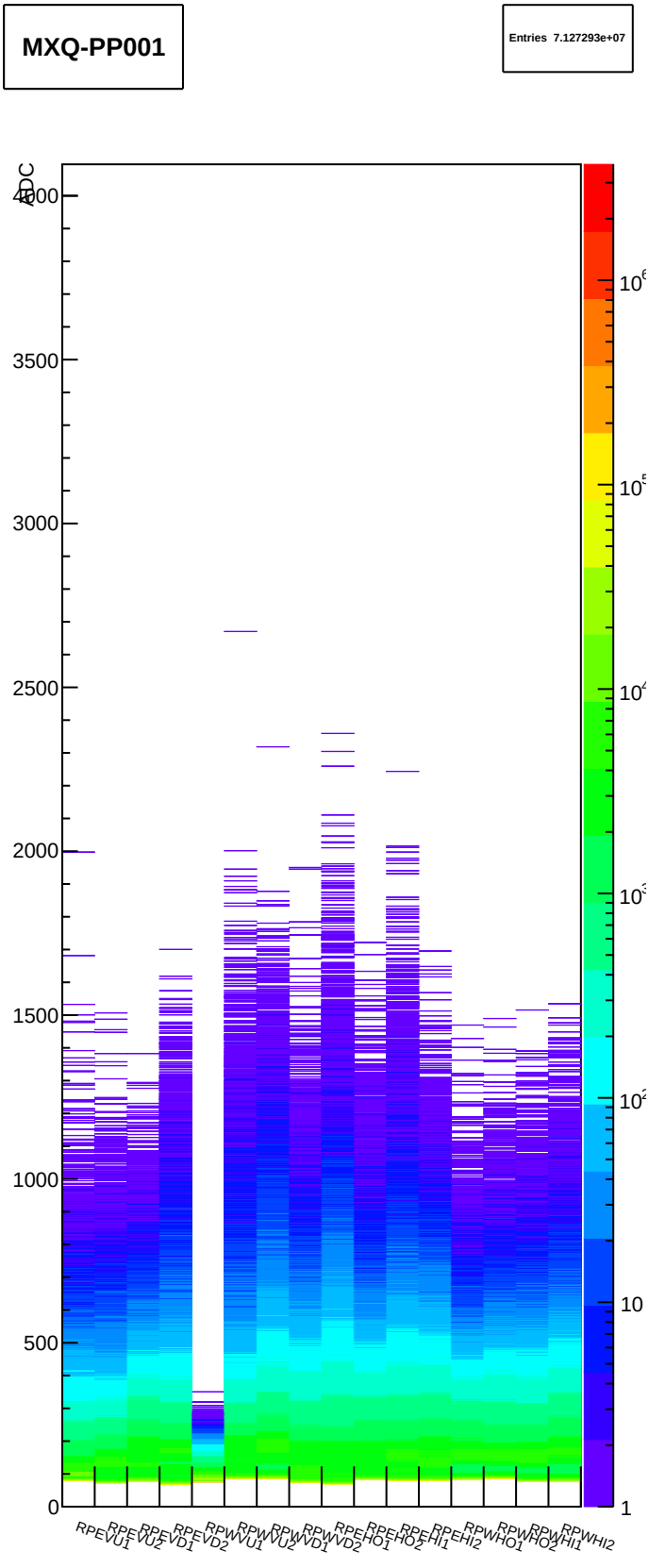

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 8909116
TAC sum
1st-Best
2nd-Best
ID

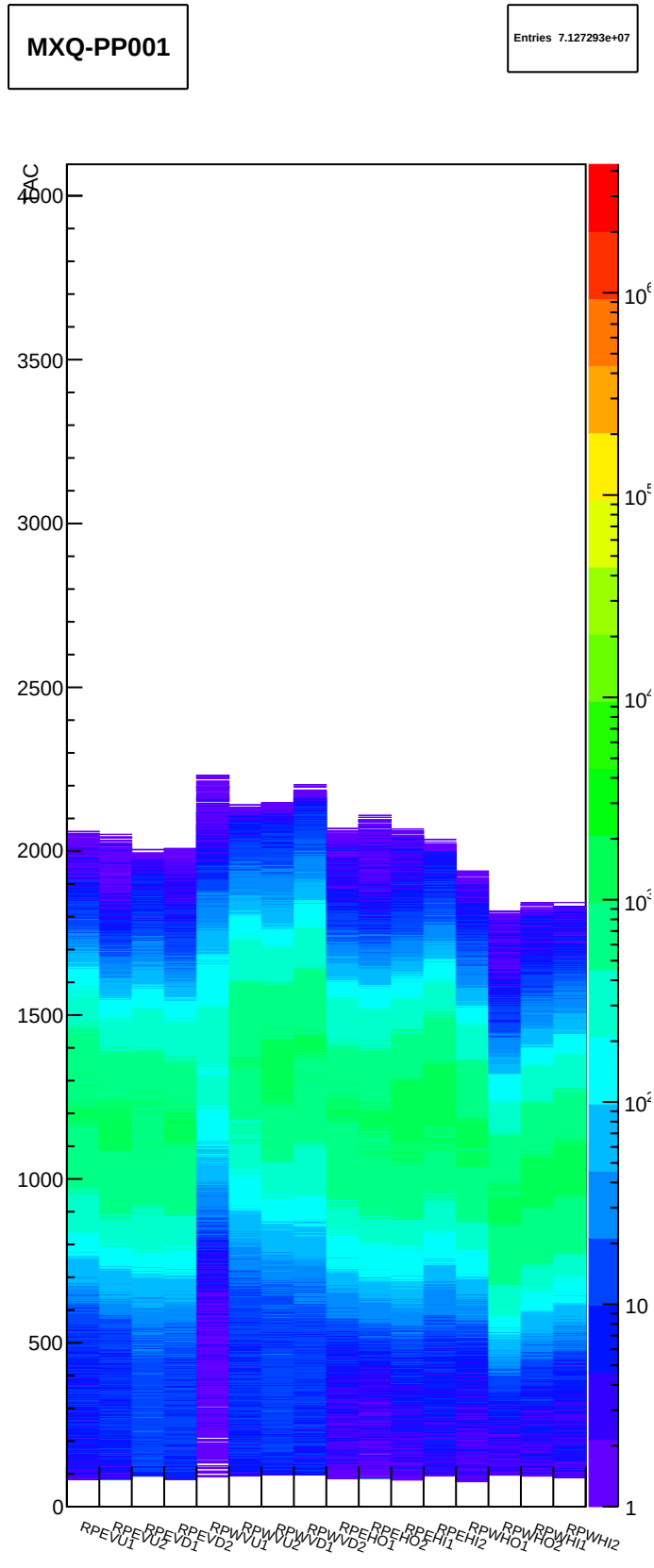

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 8909116
TAC sum
1st-Best
2nd-Best
ID

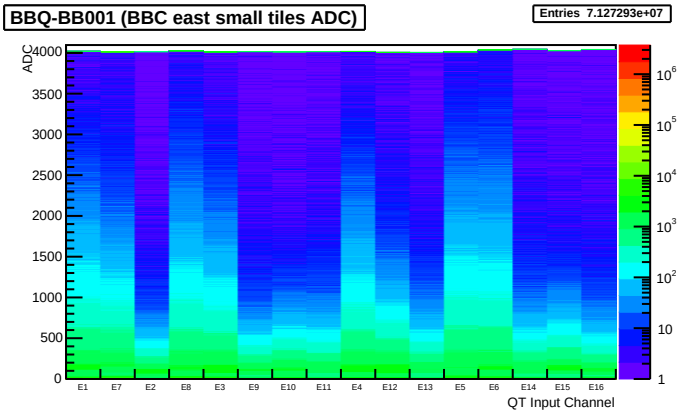

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 8909116
TAC sum
1st-Best
2nd-Best
ID

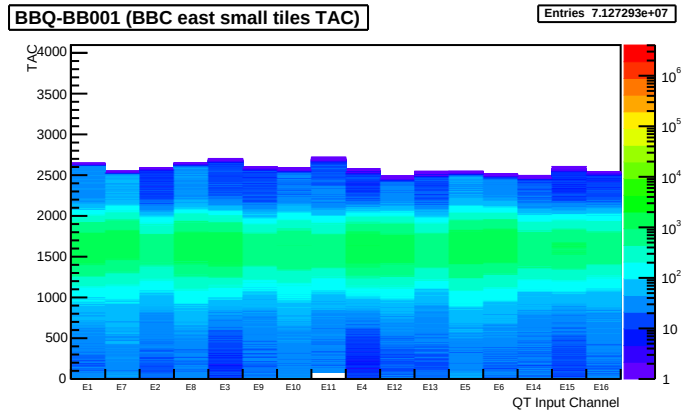

MIX-MT101 Input: VP003 Max TAC
Entries 4454558

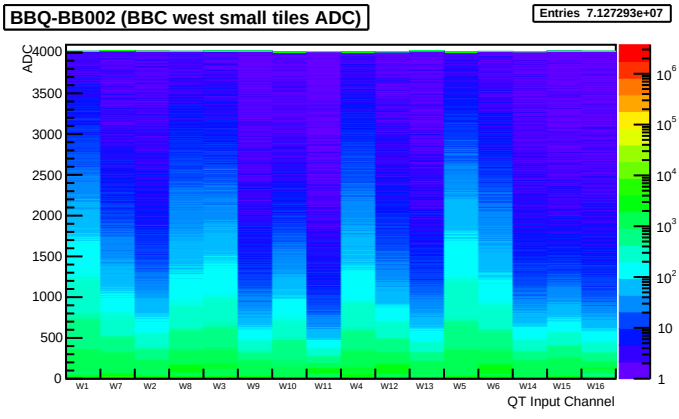

MIX-MT101 Input: VP004 Max TAC
Entries 4454558

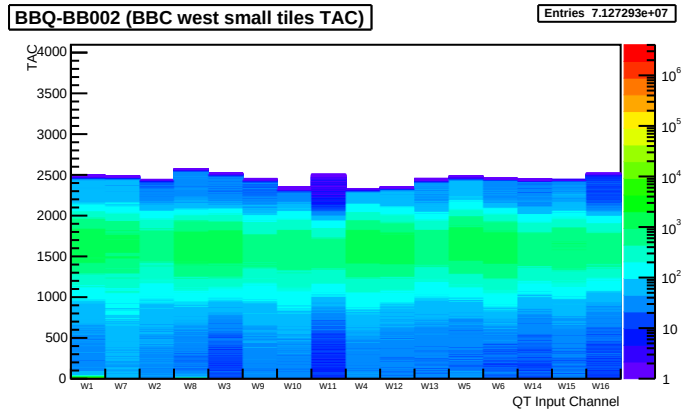

MXQ-PP001
Entries 7.127293e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10^6
10^5
10^4
10^3
10^2
10
1

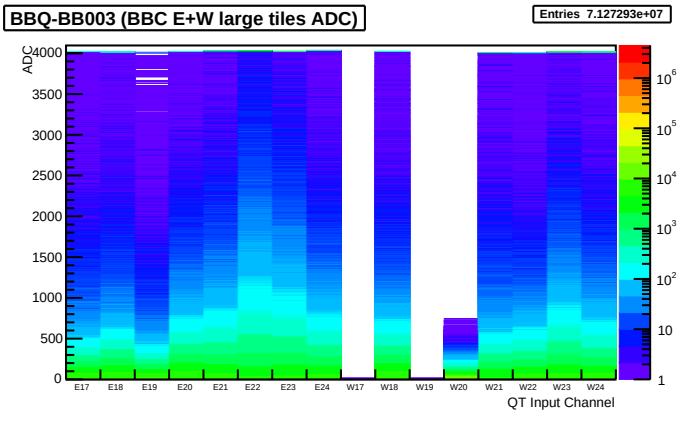

MXQ-PP001
Entries 7.127293e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10^6
10^5
10^4
10^3
10^2
10
1

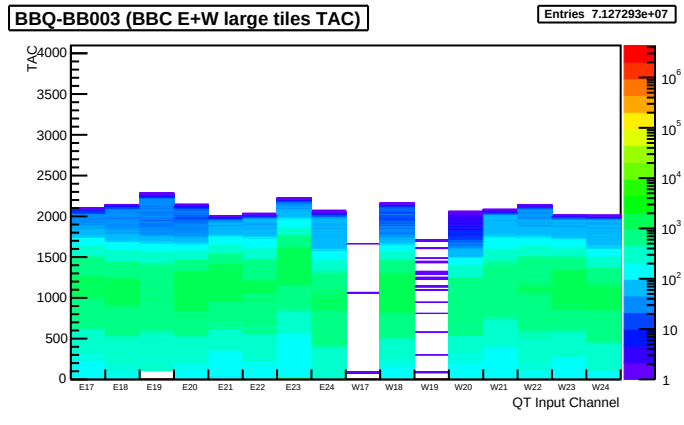

BBQ-BB001 (BBC east small tiles ADC)
Entries 7.127293e+07
ADC
QT Input Channel

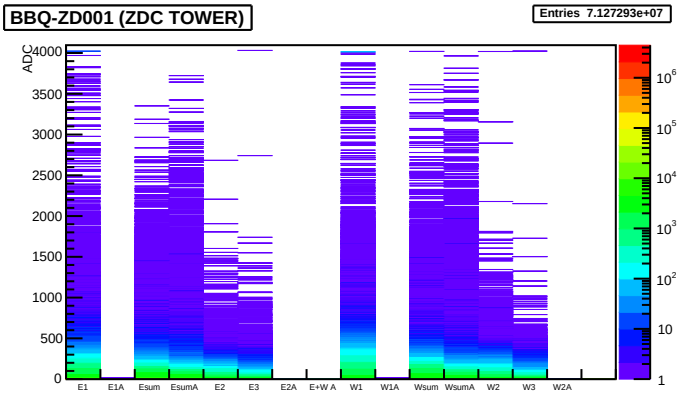

BBQ-BB001 (BBC east small tiles TAC)
Entries 7.127293e+07
TAC
QT Input Channel

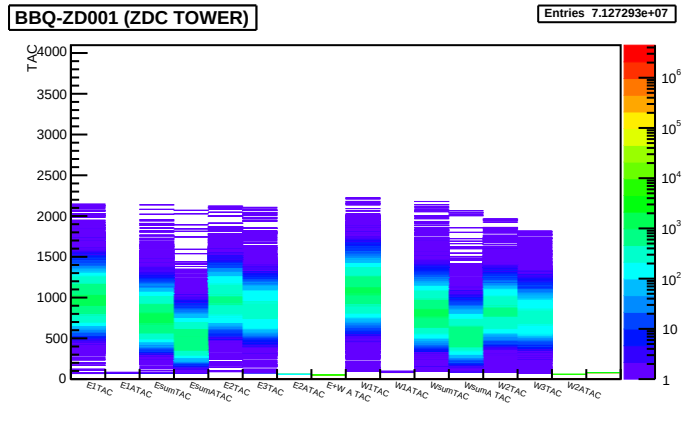

BBQ-BB002 (BBC west small tiles ADC)
Entries 7.127293e+07
ADC
QT Input Channel

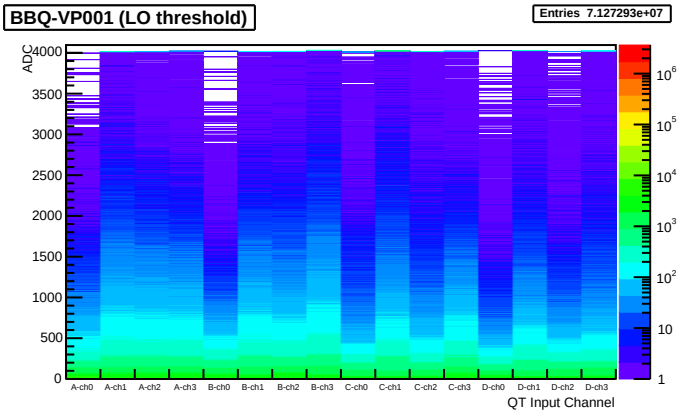

BBQ-BB002 (BBC west small tiles TAC)
Entries 7.127293e+07
TAC
QT Input Channel

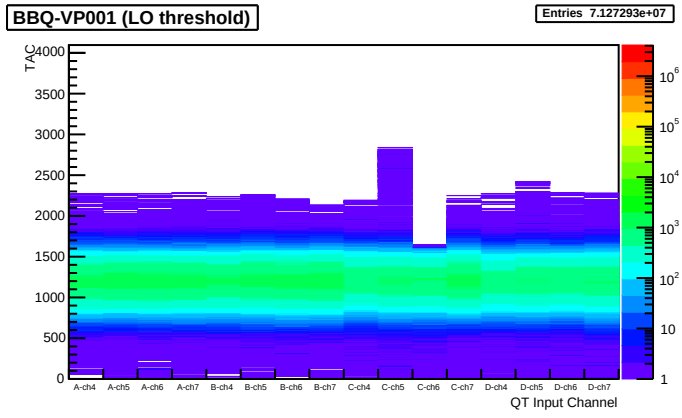

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 7.127293e+07
ADC
QT Input Channel

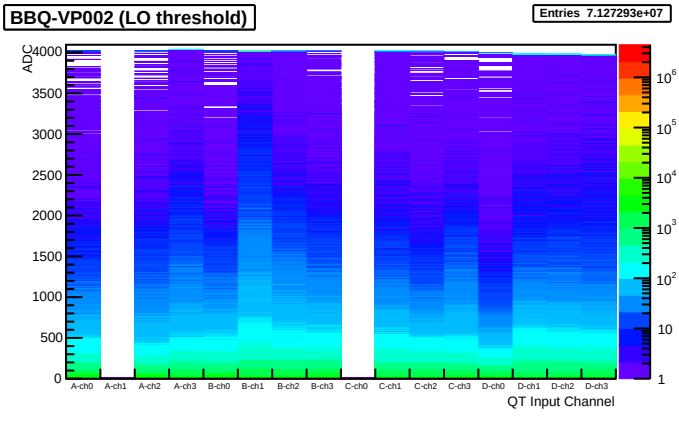

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 7.127293e+07
TAC
QT Input Channel

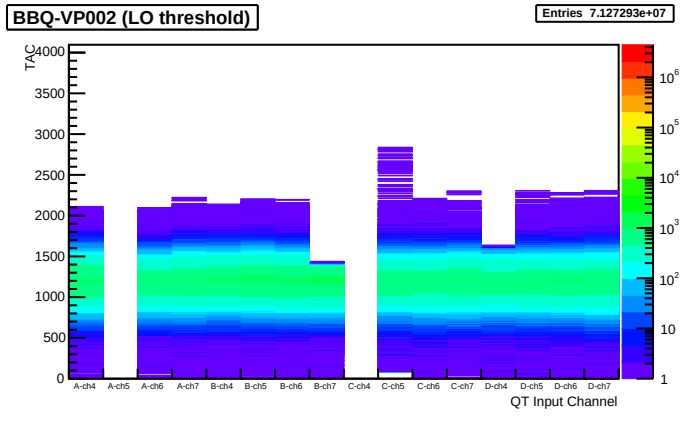

BBQ-ZD001 (ZDC TOWER)
Entries 7.127293e+07
ADC

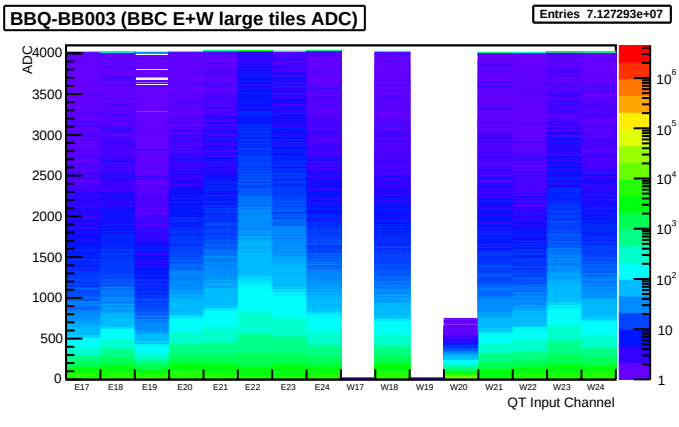

BBQ-ZD001 (ZDC TOWER)
Entries 7.127293e+07
TAC

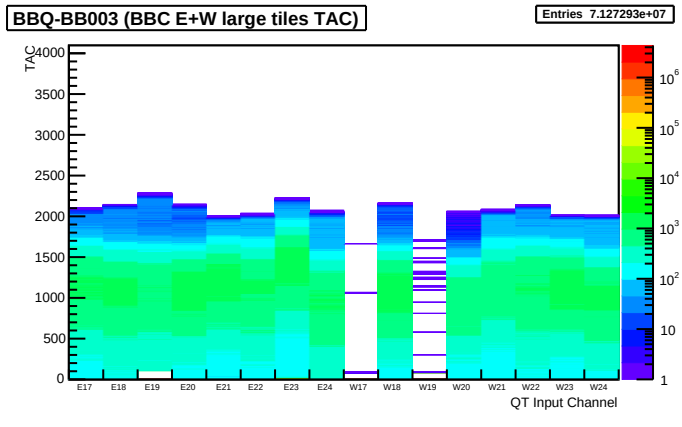

BBQ-VP001 (LO threshold)
Entries 7.127293e+07
ADC
QT Input Channel

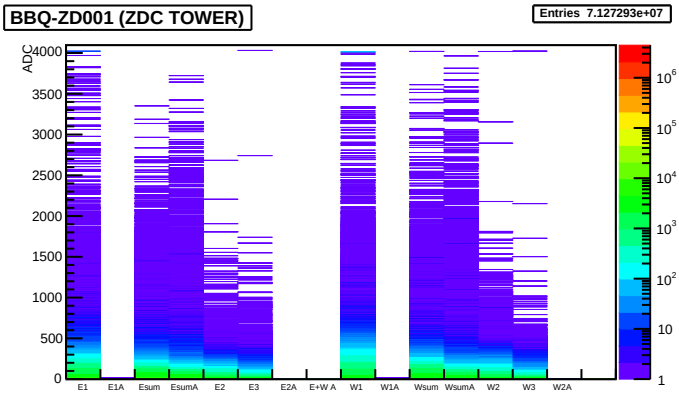

BBQ-VP001 (LO threshold)
Entries 7.127293e+07
TAC
QT Input Channel

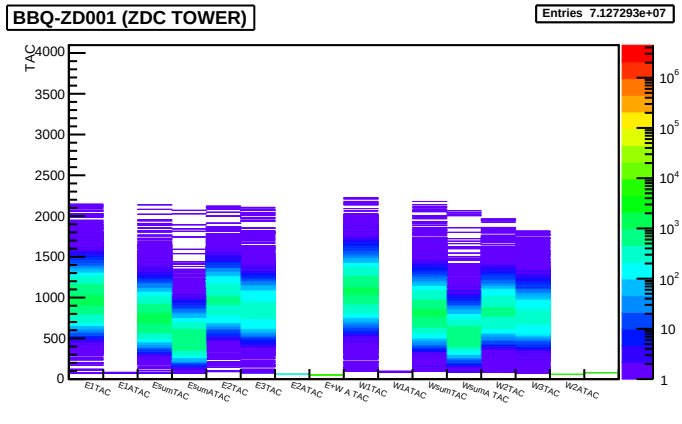

BBQ-VP002 (LO threshold)
Entries 7.127293e+07
ADC
QT Input Channel

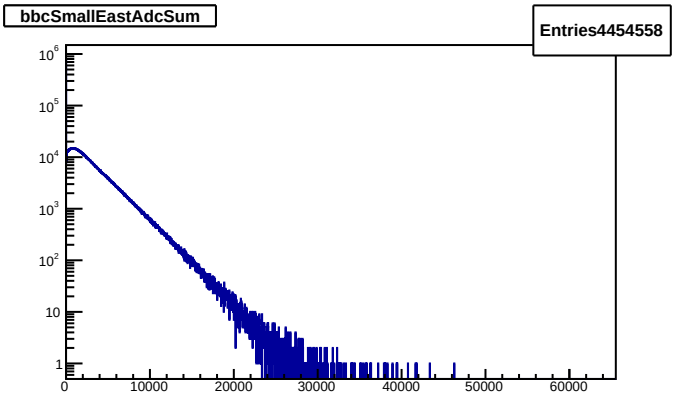

BBQ-VP002 (LO threshold)
Entries 7.127293e+07
TAC
QT Input Channel

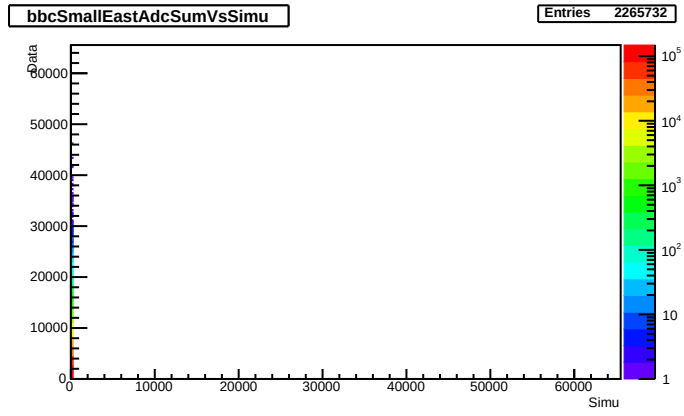

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 7.127293e+07
ADC
QT Input Channel

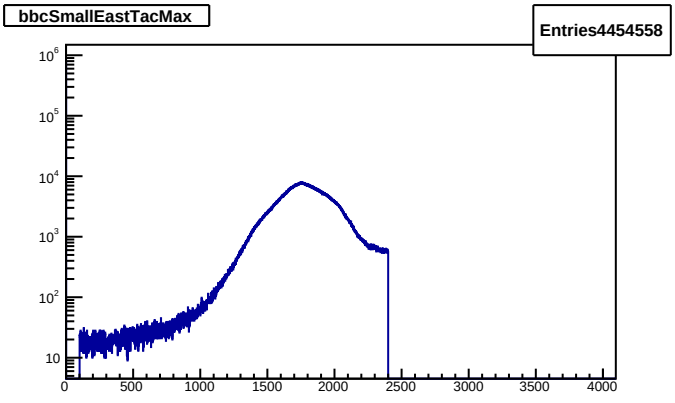

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 7.127293e+07
TAC
QT Input Channel

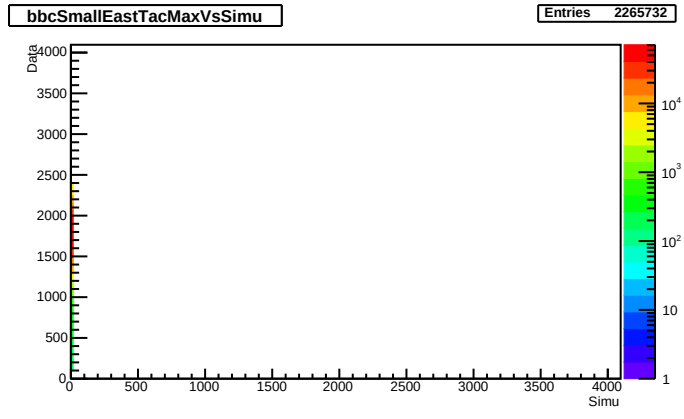

BBQ-ZD001 (ZDC TOWER)
Entries 7.127293e+07
ADC

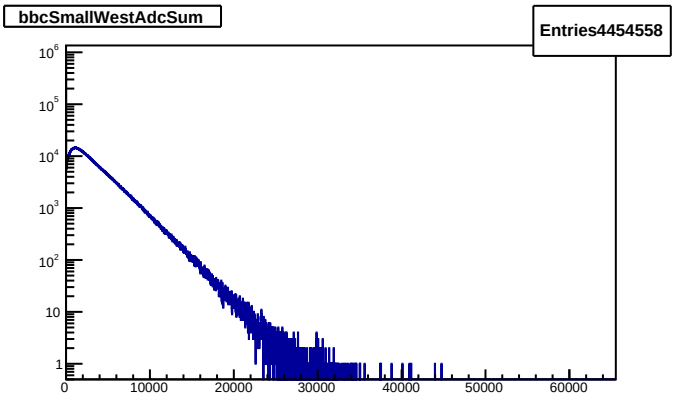

BBQ-ZD001 (ZDC TOWER)
Entries 7.127293e+07
TAC

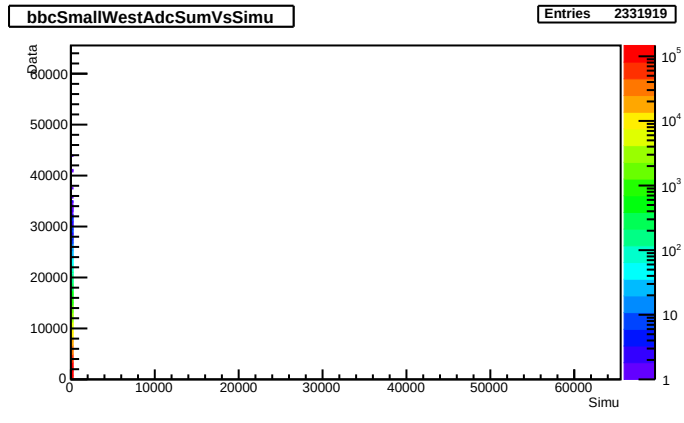

bbcSmallEastAdcSum
Entries4454558

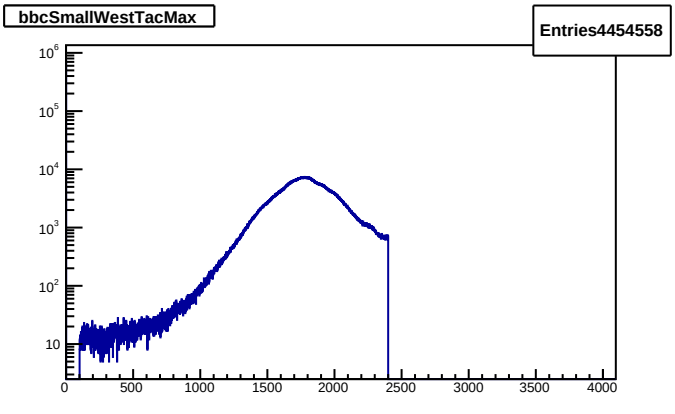

bbcSmallEastAdcSumVsSimu
Entries 2265732
Data
Simu

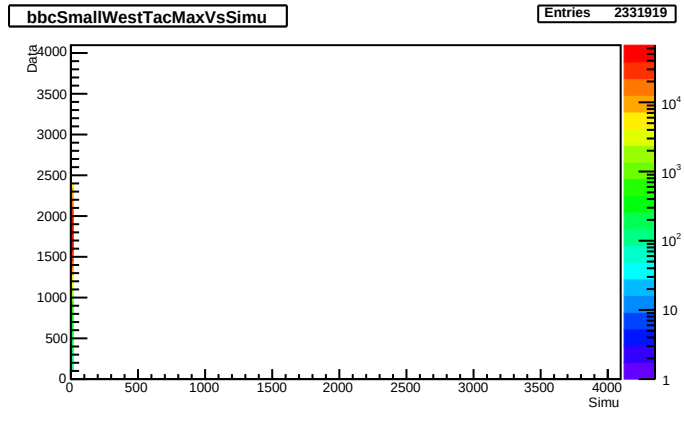

bbcSmallEastTacMax
Entries4454558

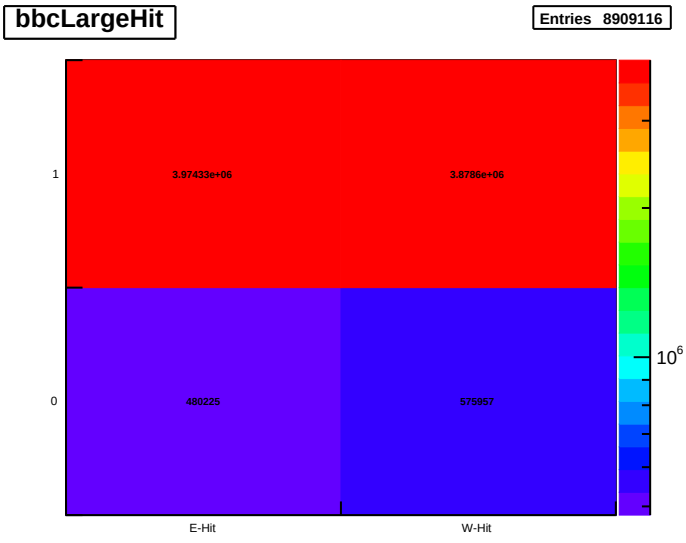

bbcSmallEastTacMaxVsSimu
Entries 2265732
Data
Simu

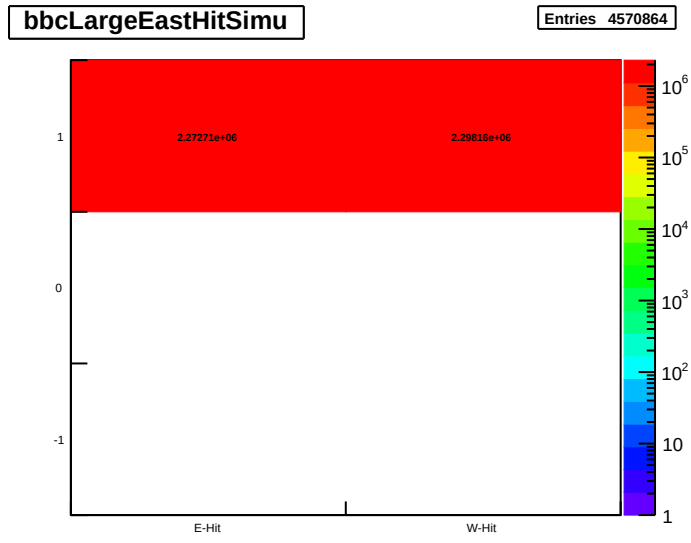

bbcSmallWestAdcSum
Entries4454558

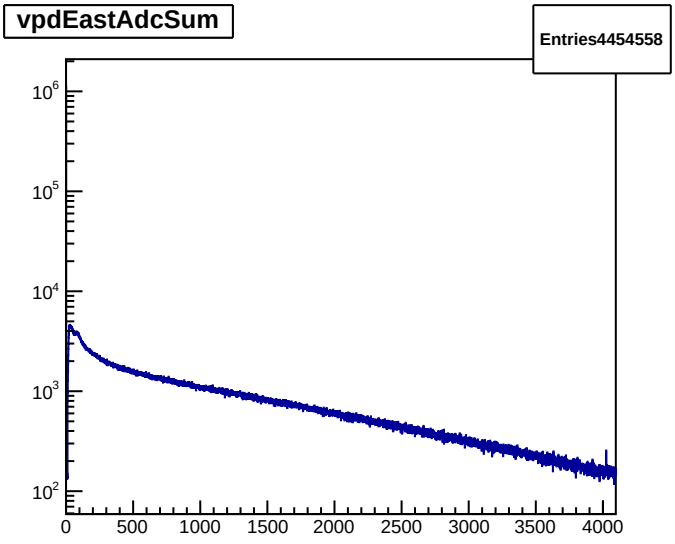

bbcSmallWestAdcSumVsSimu
Entries 2331919
Data
Simu

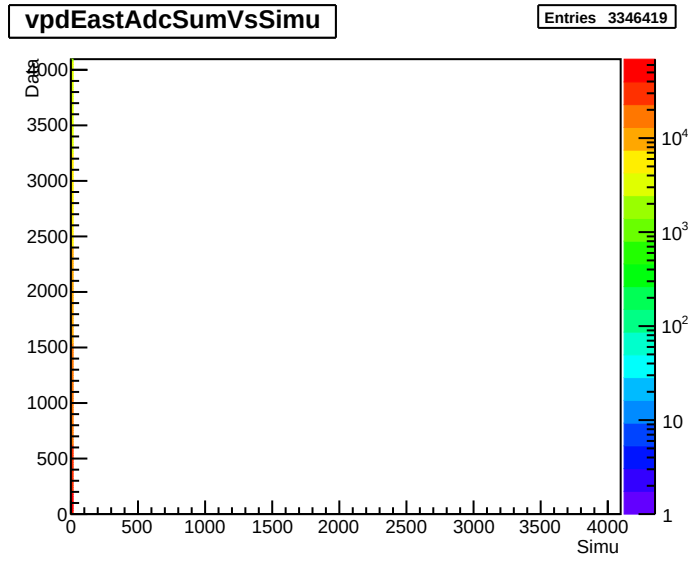

bbcSmallWestTacMax
Entries4454558

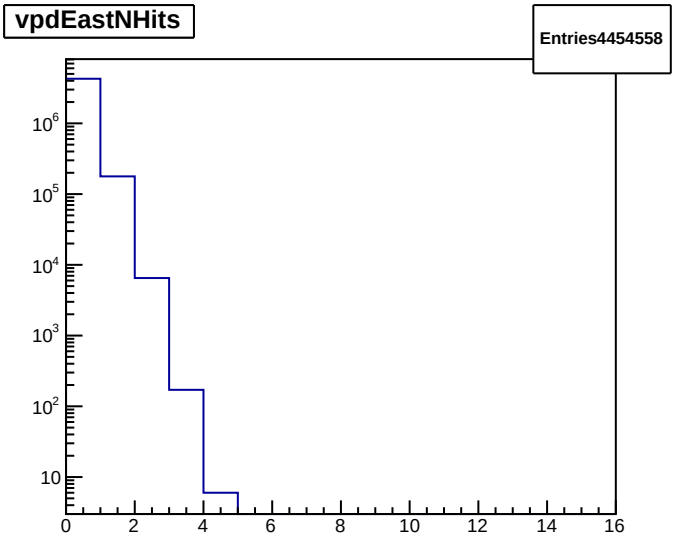

bbcSmallWestTacMaxVsSimu
Entries 2331919
Data
Simu

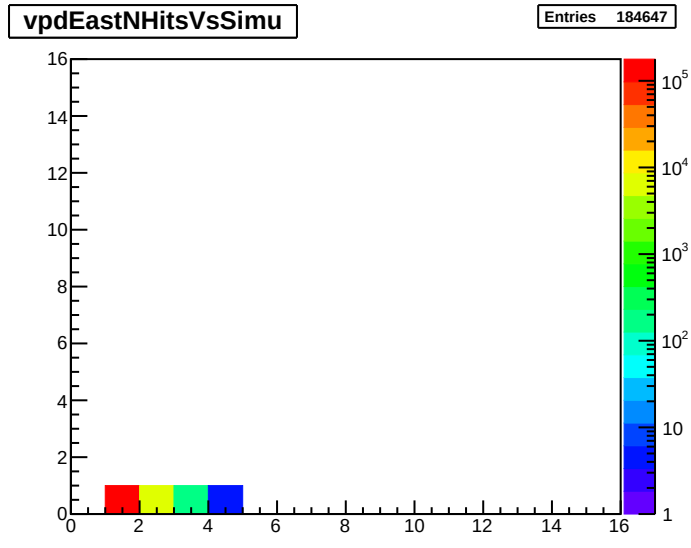

bbcLargeHit
Entries 8909116
1
0
3.97433e+06
3.8786e+06
480225
575957
E-Hit
W-Hit
10^6

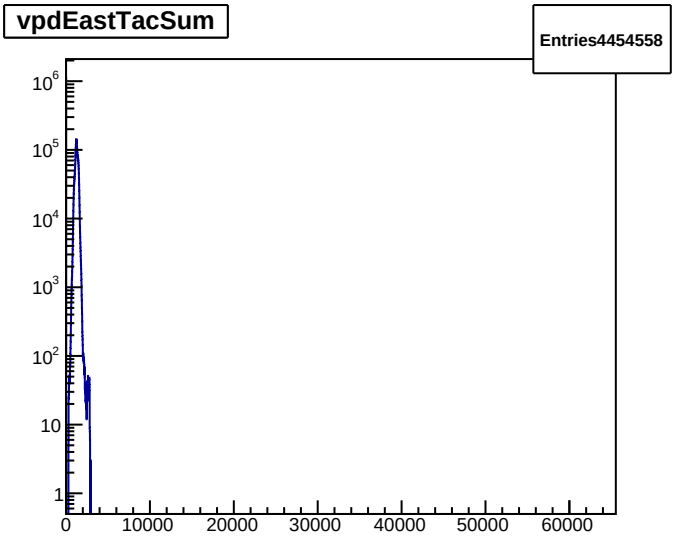

bbcLargeEastHitSimu
Entries 4570864
1
0
-1
2.27271e+06
2.29816e+06
E-Hit
W-Hit
10^6
10^5
10^4
10^3
10^2
10
1

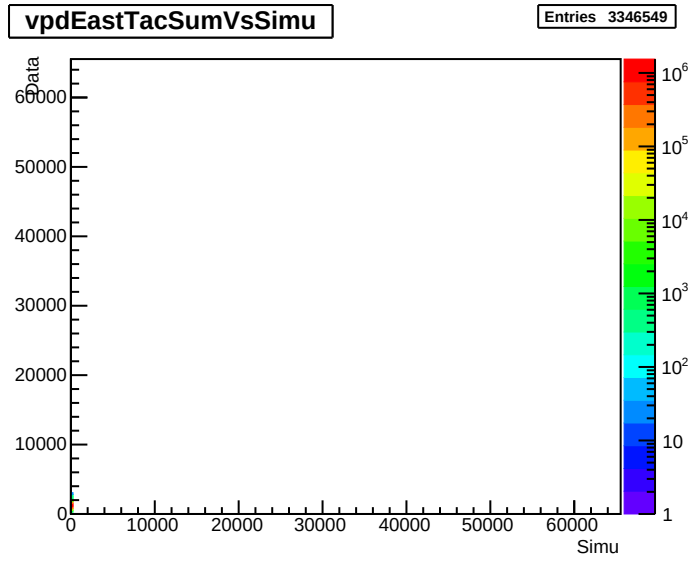

vpdEastAdcSum
Entries4454558

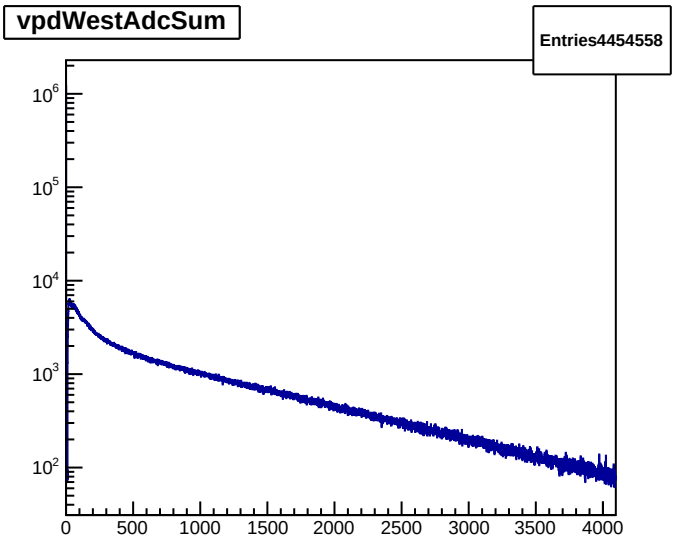

vpdEastAdcSumVsSimu
Entries 3346419
Data
Simu

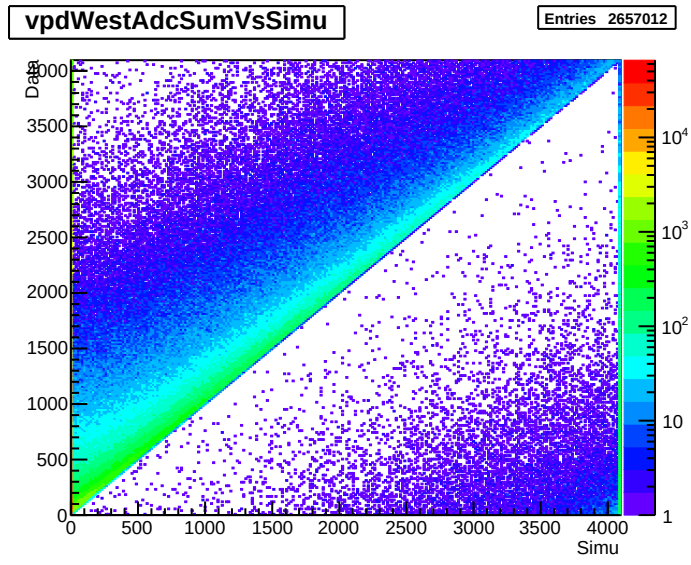

vpdEastNHits
Entries4454558

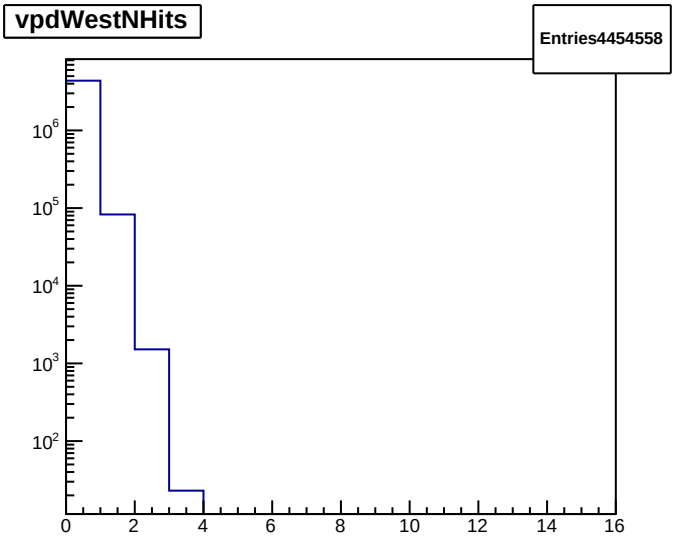

vpdEastNHitsVsSimu
Entries 184647

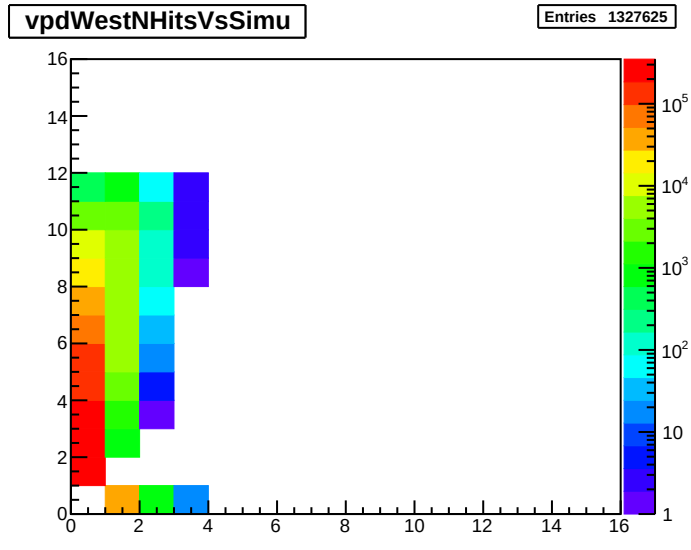

vpdEastTacSum
Entries4454558

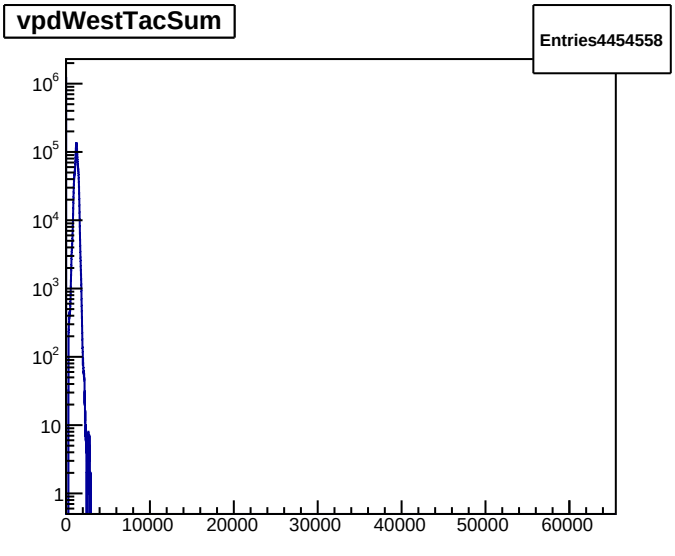

vpdEastTacSumVsSimu
Entries 3346549
Data
Simu

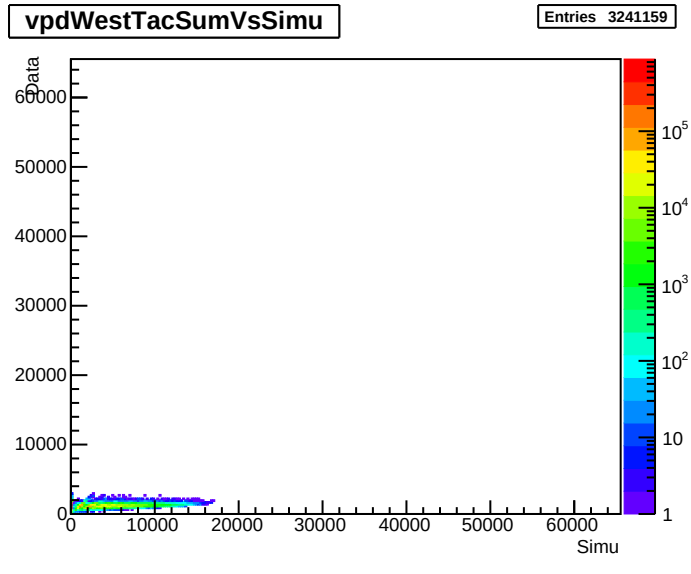

vpdWestAdcSum
Entries4454558

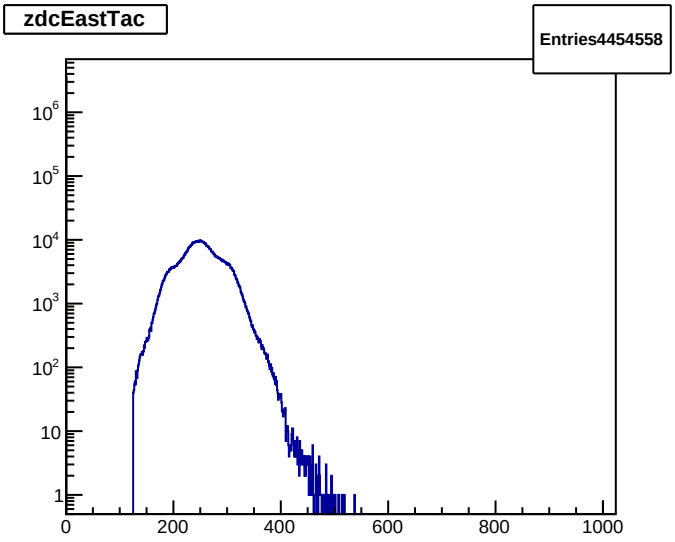

vpdWestAdcSumVsSimu
Entries 2657012
Data
Simu

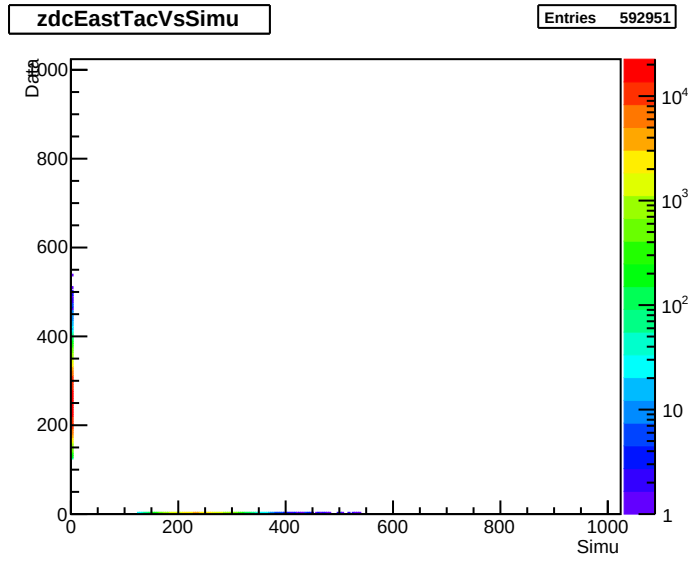

vpdWestNHits
Entries4454558

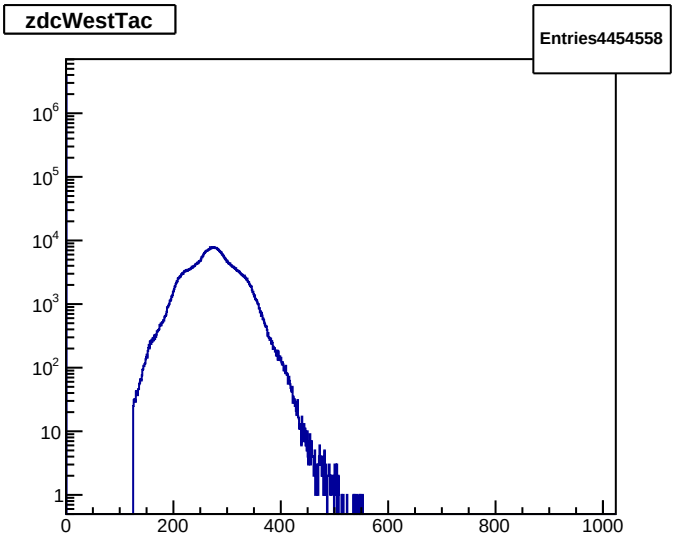

vpdWestNHitsVsSimu
Entries 1327625

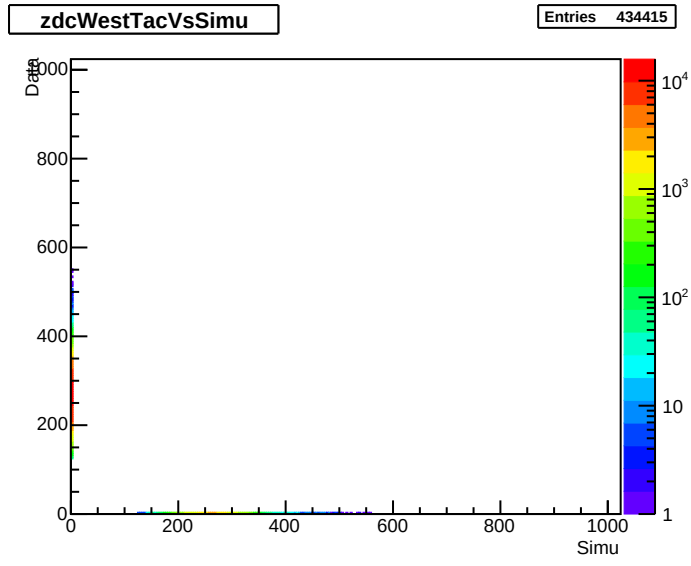

vpdWestTacSum
Entries4454558

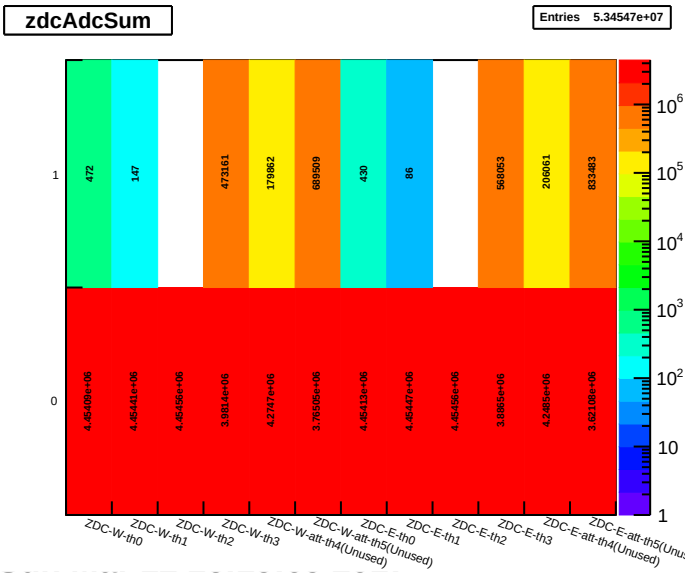

vpdWestTacSumVsSimu
Entries 3241159
Data
Simu

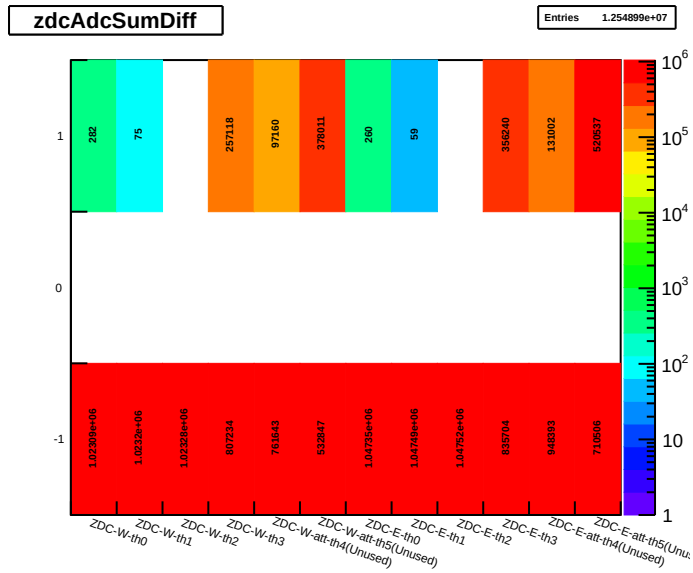

zdcEastTac
Entries4454558

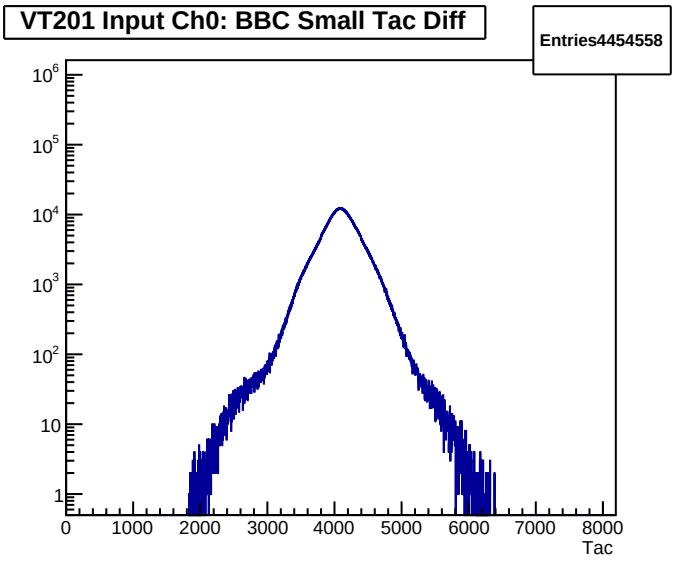

zdcEastTacVsSimu
Entries 592951
Data
Simu

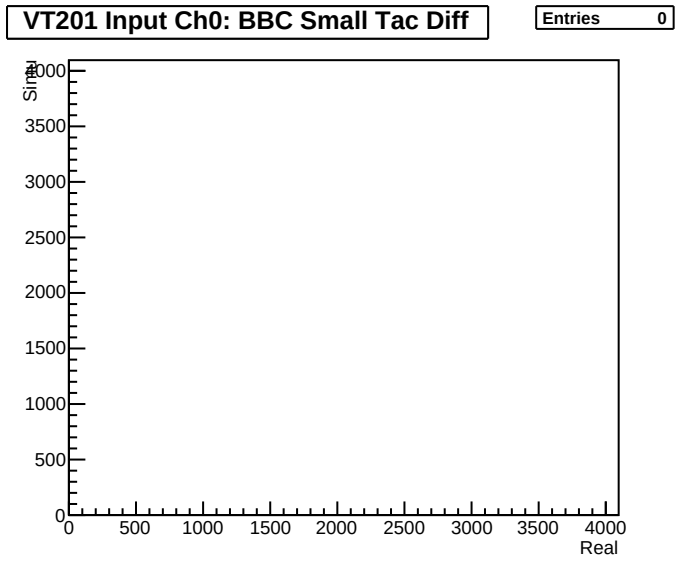

zdcWestTac
Entries4454558

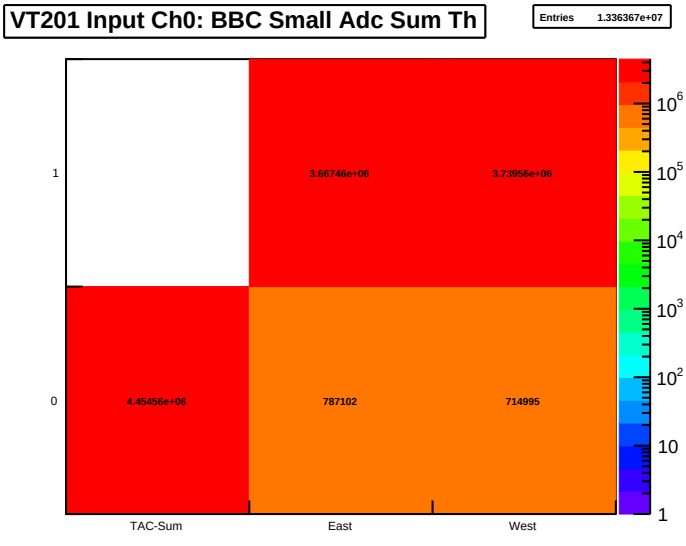

zdcWestTacVsSimu
Entries 434415
Data
Simu

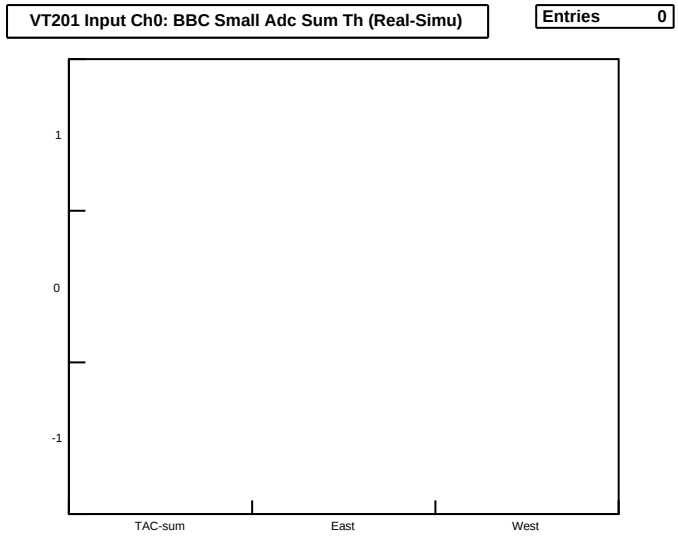

zdcAdcSum
Entries 5.34547e+07
472
147
473161
179862
689509
430
86
568053
206061
833483
4.45408e+06
4.45441e+06
4.45456e+06
3.9614e+06
4.2747e+06
3.76505e+06
4.45413e+06
4.45447e+06
4.45456e+06
3.8865e+06
4.2485e+06
3.62108e+06
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

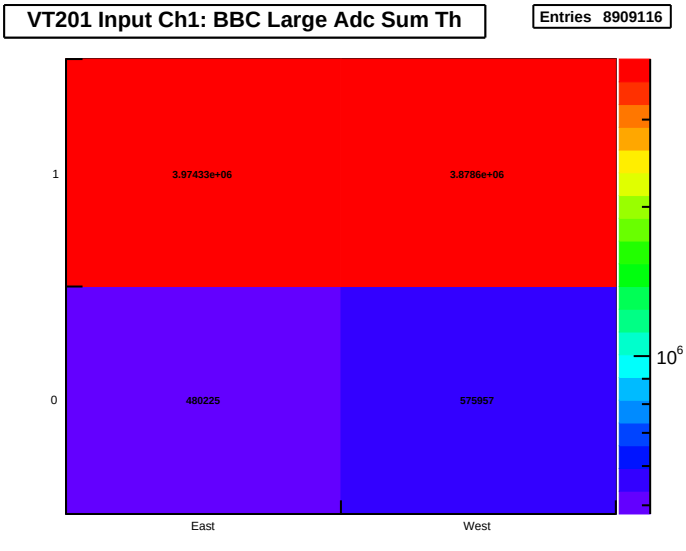

zdcAdcSumDiff
Entries 1.254899e+07
282
75
257118
97160
378011
260
59
356240
131002
520537
1.02309e+06
1.0232e+06
1.02328e+06
807234
761643
532847
1.04735e+06
1.04749e+06
1.04752e+06
835704
943393
710506
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

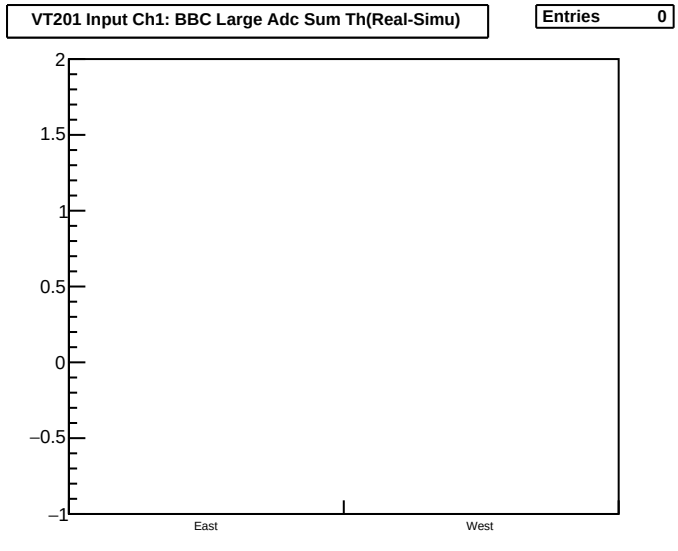

VT201 Input Ch0: BBC Small Tac Diff
Entries4454558
Tac


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

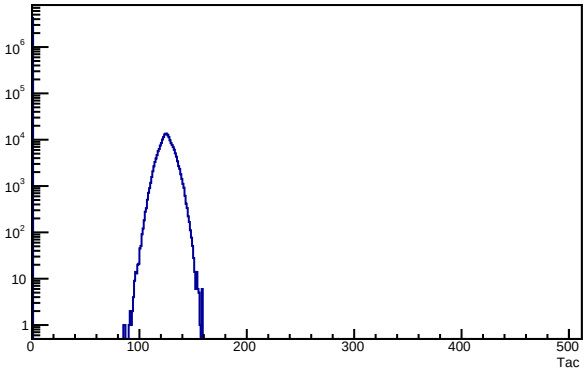

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1.336367e+07
3.66746e+06
3.73956e+06
4.45456e+06
787102
714995
TAC-Sum
East
West


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

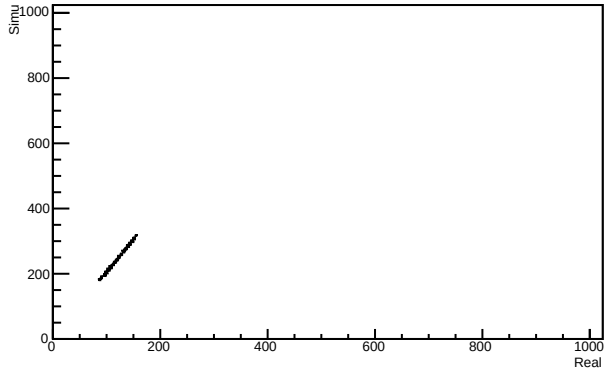

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 8909116
3.97433e+06
3.8786e+06
480225
575957
East
West


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

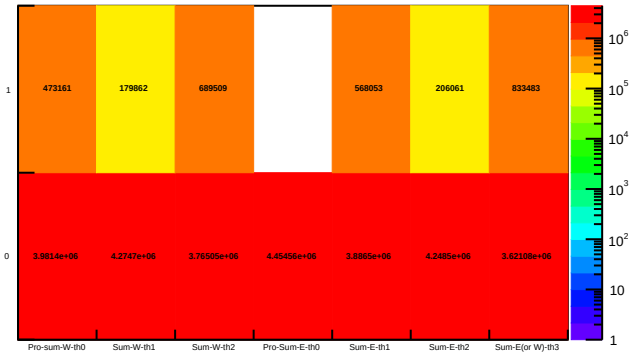
VT201 Input Ch2: ZDC Tac Diff



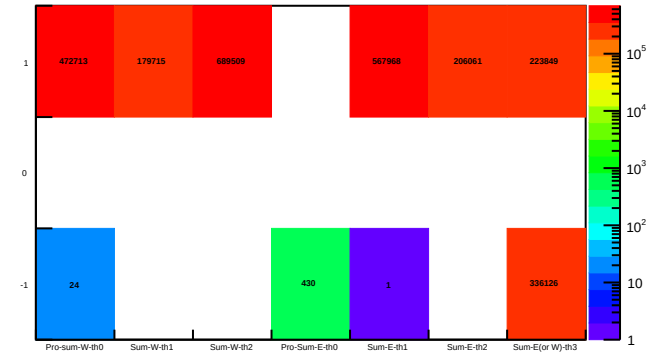
VT201 Input Ch2: ZDC Tac Diff



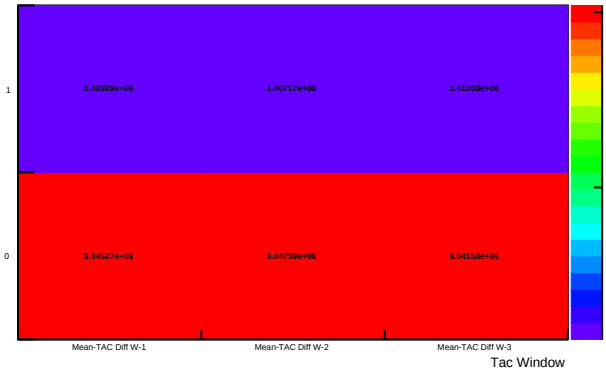
VT201 Input Ch2: ZDC Adc Sum Th



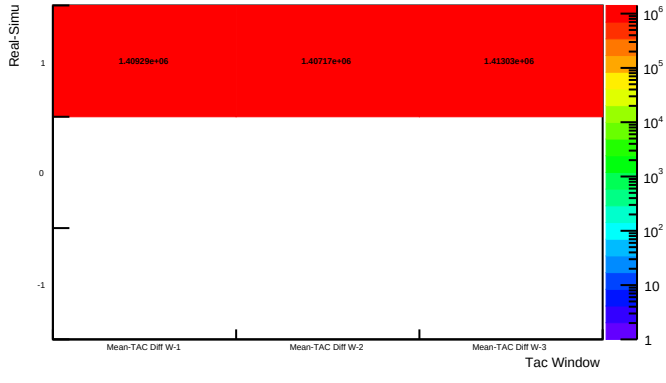
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



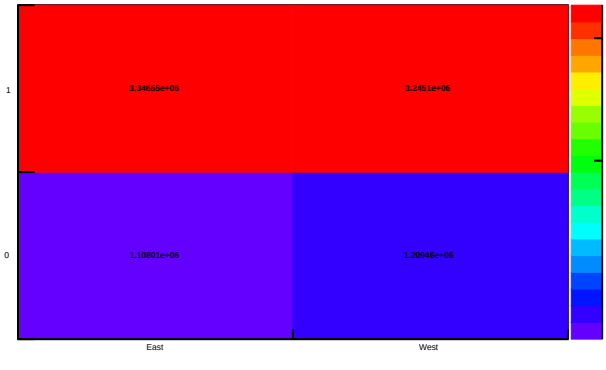
VT201 Input Ch4: VPD Tac Diff



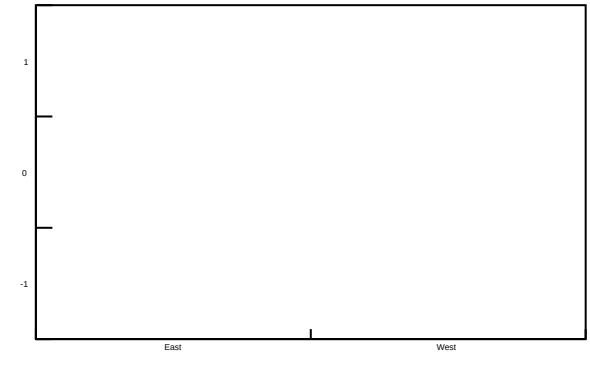
VT201 Input Ch4: VPD Tac Diff

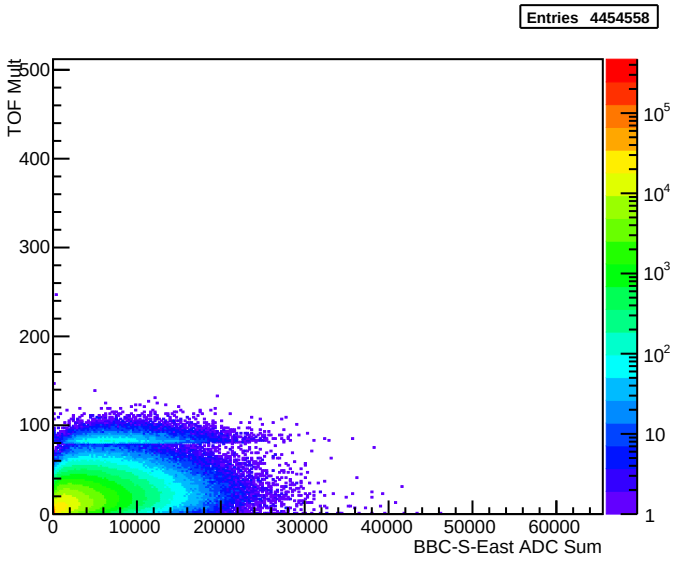


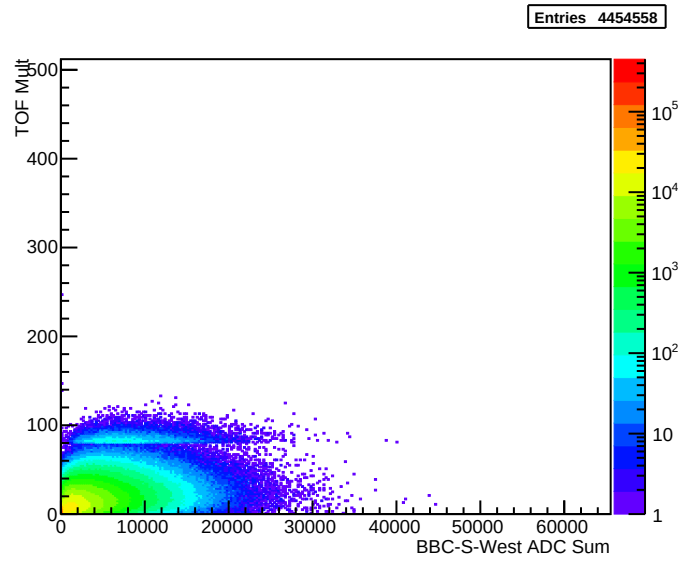
VT201 Input Ch4: VPD Adc Sum Th

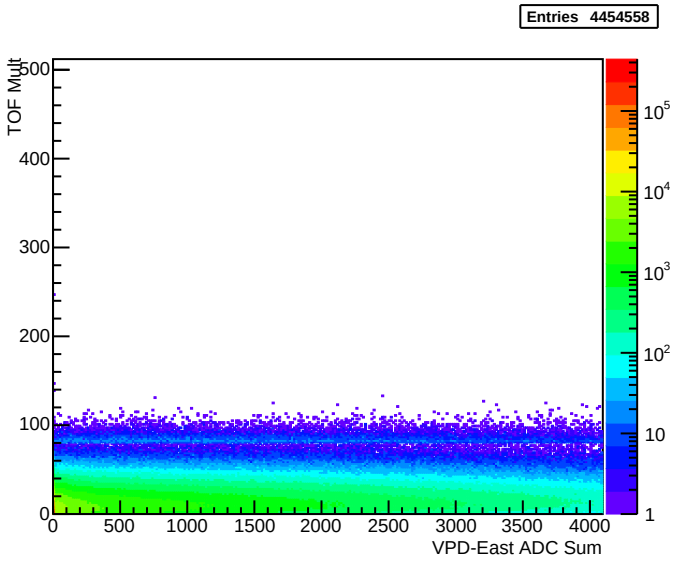


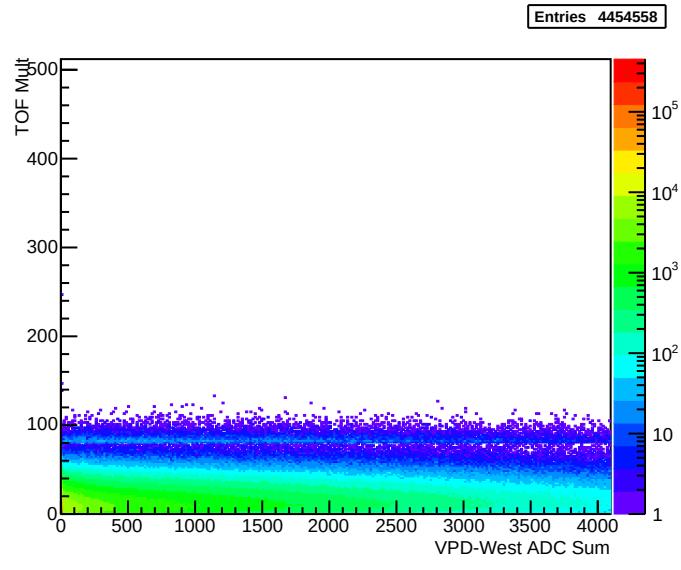
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

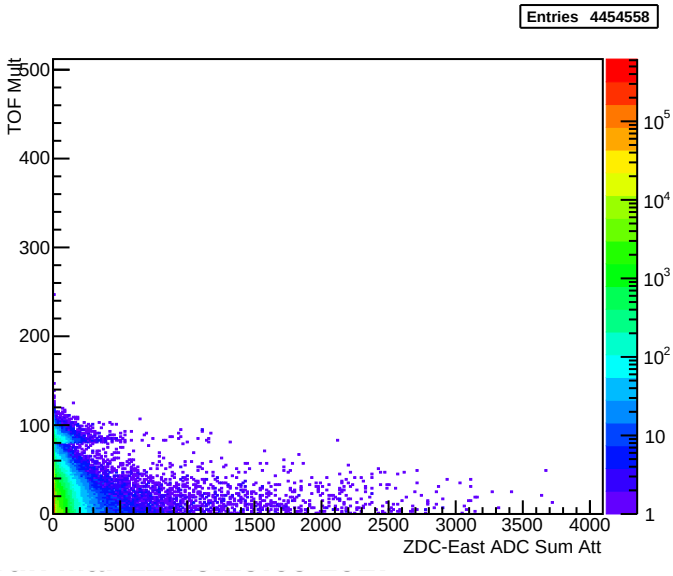


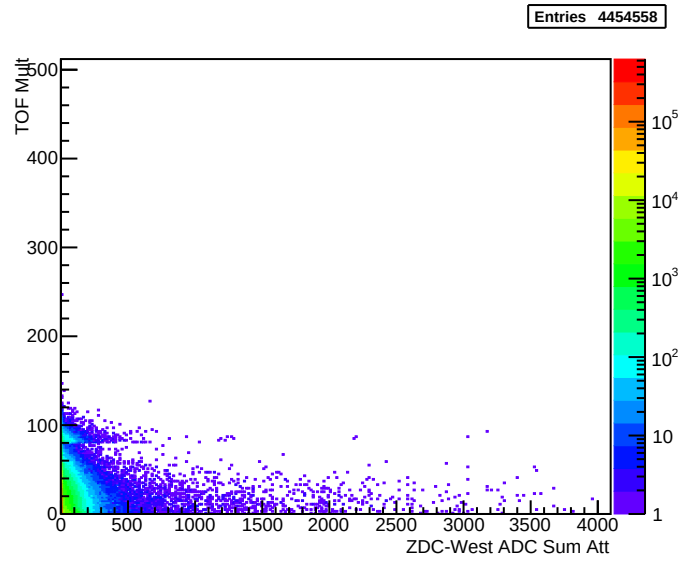

Entries 4454558
TOF Mult
BBC-S-East ADC Sum

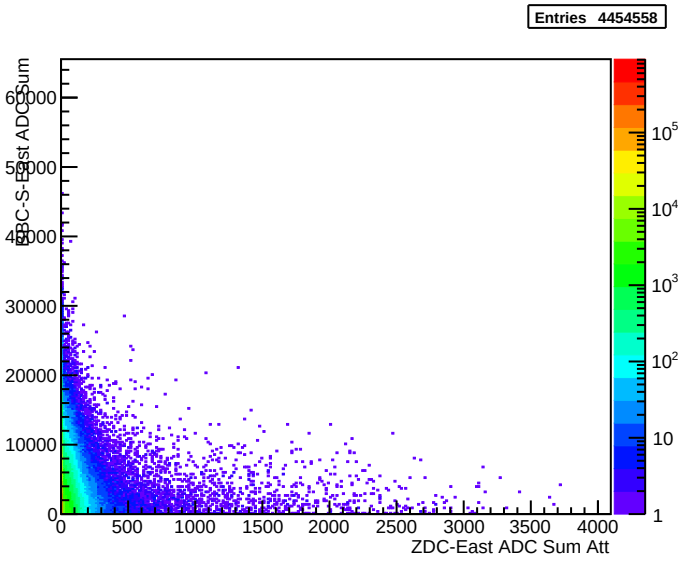

Entries 4454558
TOF Mult
BBC-S-West ADC Sum

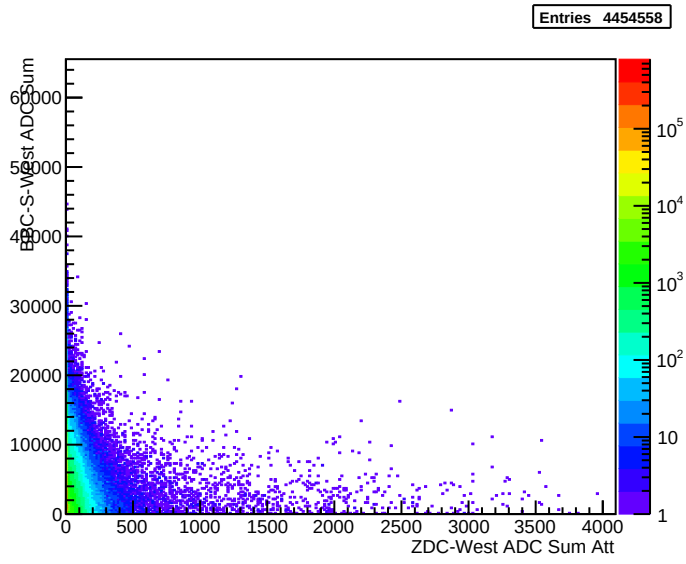

Entries 4454558
TOF Mult
VPD-East ADC Sum

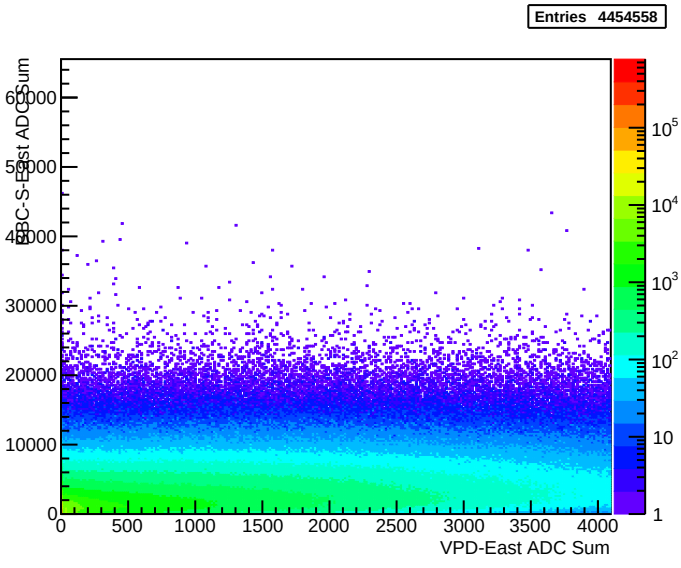

Entries 4454558
TOF Mult
VPD-West ADC Sum

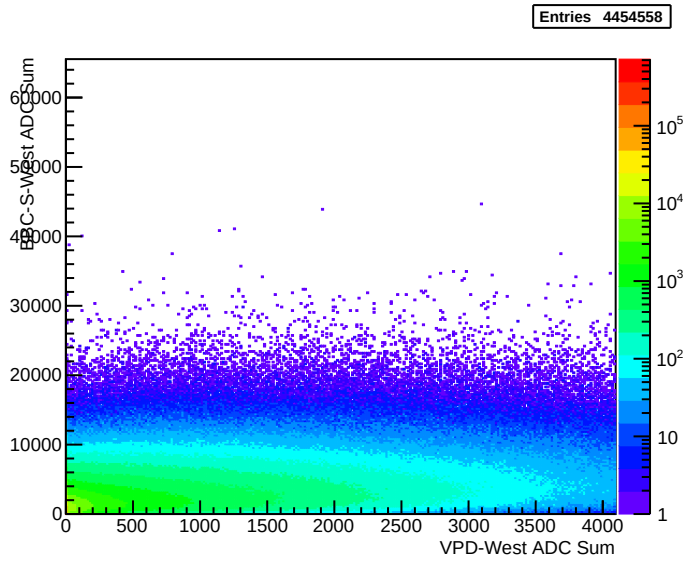

Entries 4454558
TOF Mult
ZDC-East ADC Sum Att

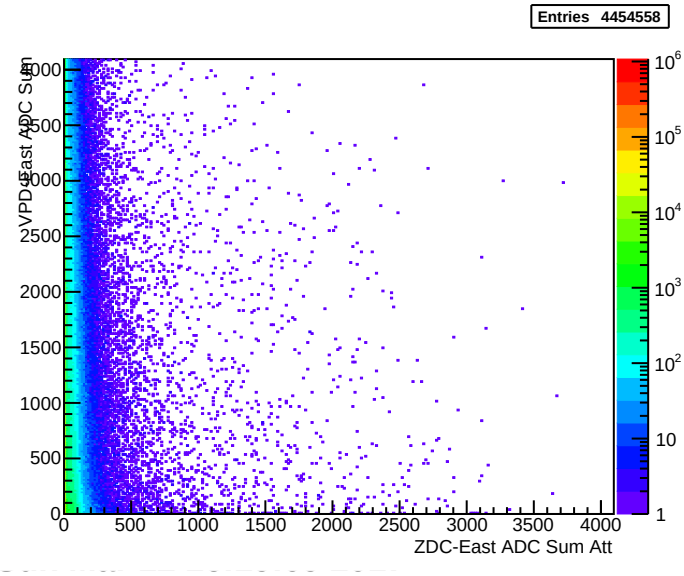

Entries 4454558
TOF Mult
ZDC-West ADC Sum Att

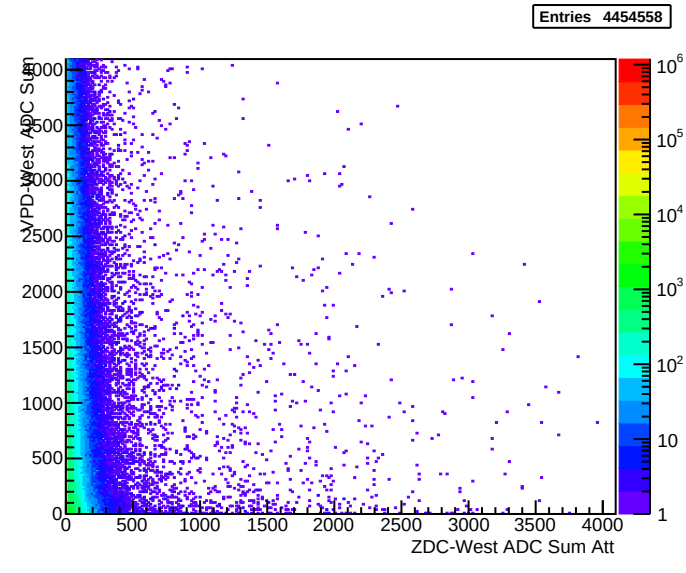

Entries 4454558
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

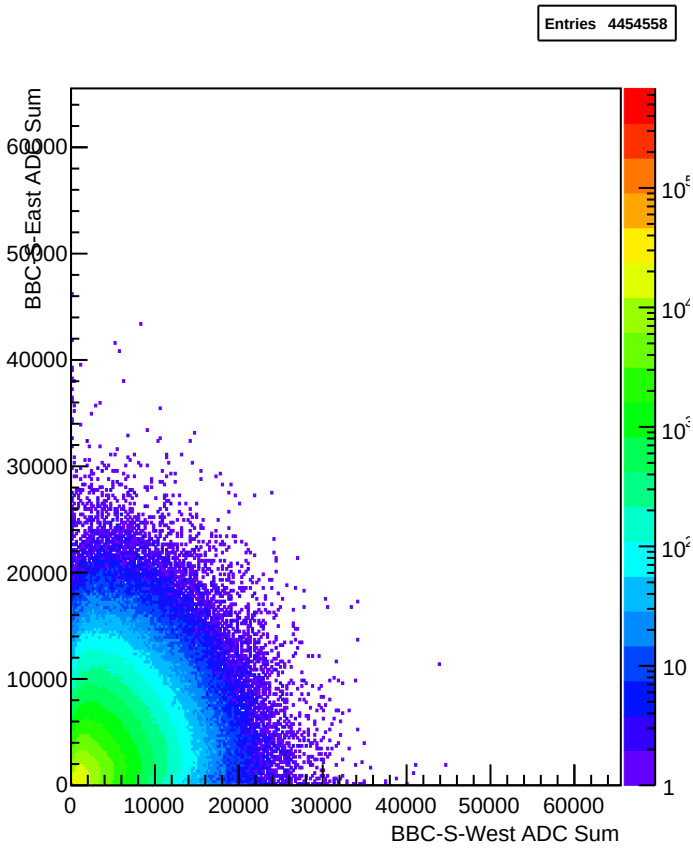

Entries 4454558
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

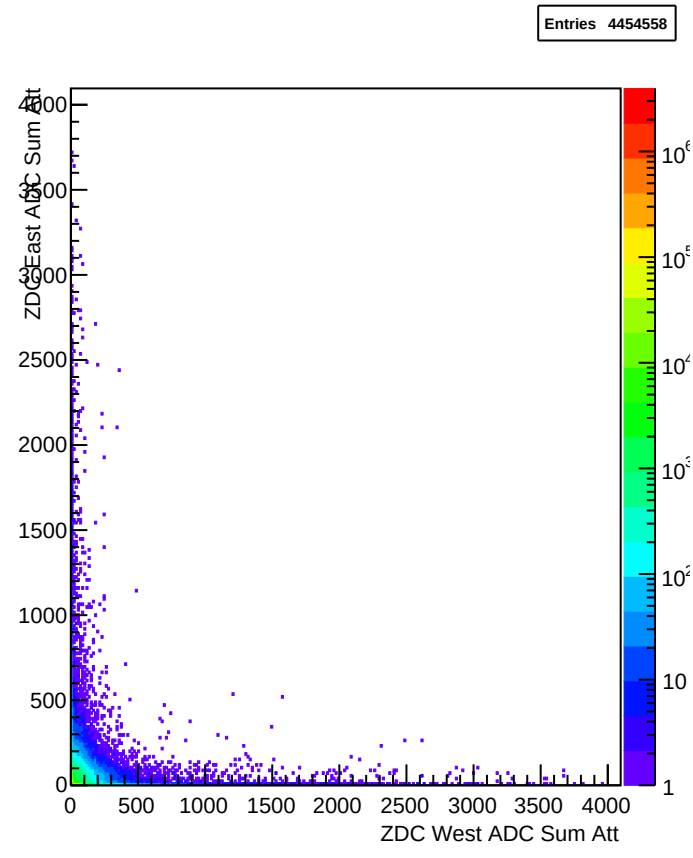

Entries 4454558
BBC-S-East ADC Sum
VPD-East ADC Sum

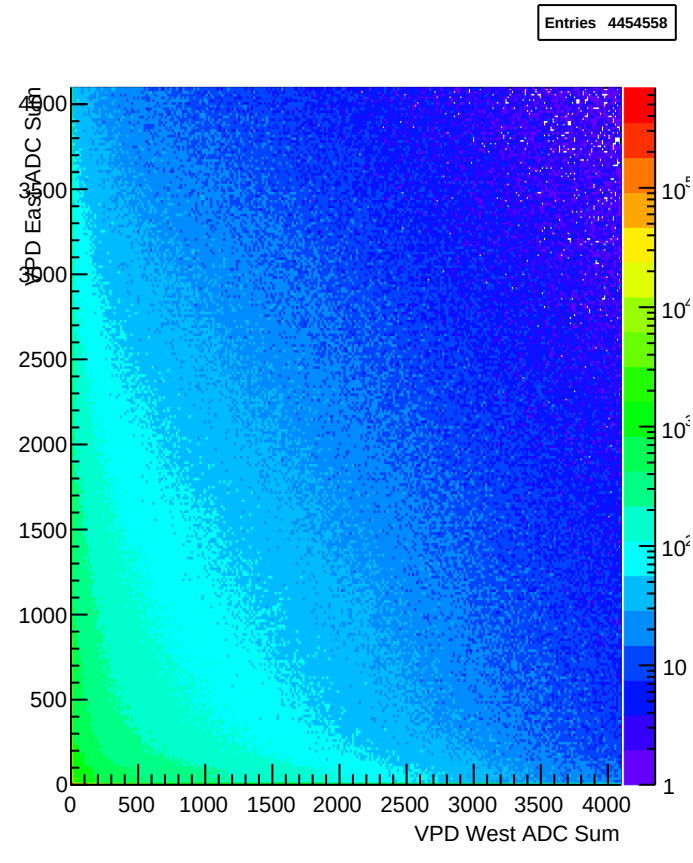

Entries 4454558
BBC-S-West ADC Sum
VPD-West ADC Sum

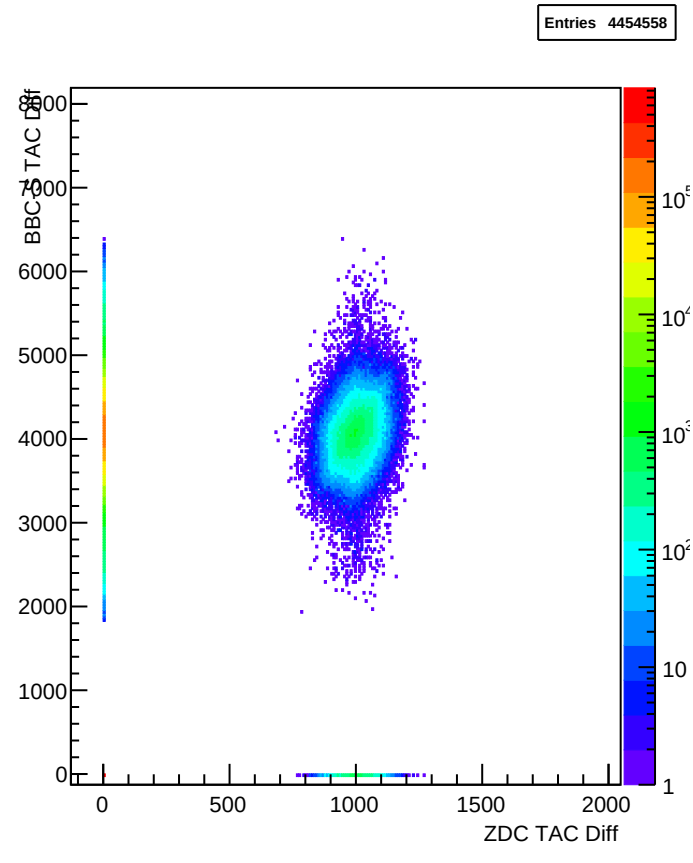

Entries 4454558
VPD-East ADC Sum
ZDC-East ADC Sum Att

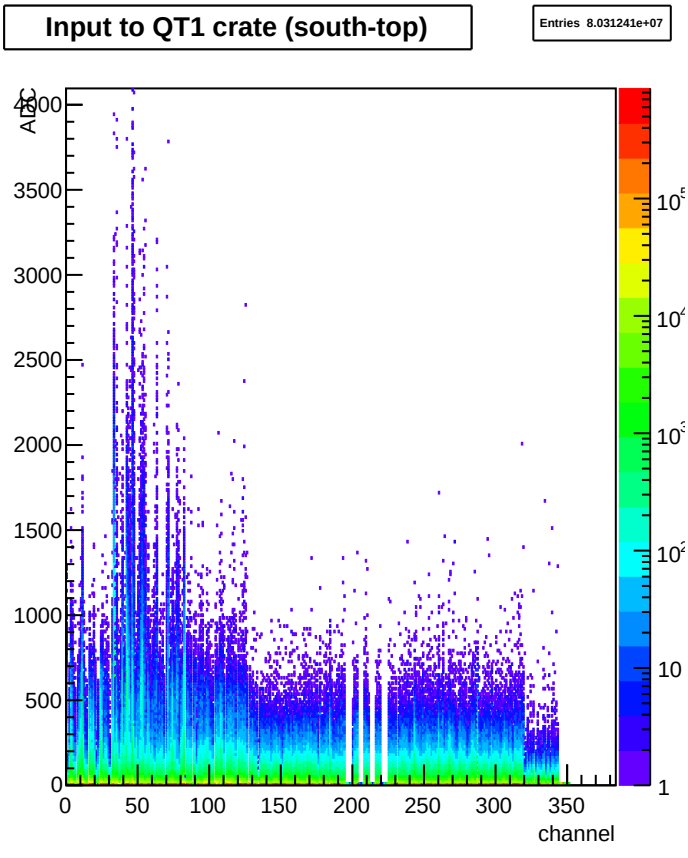

Entries 4454558
VPD-West ADC Sum
ZDC-West ADC Sum Att

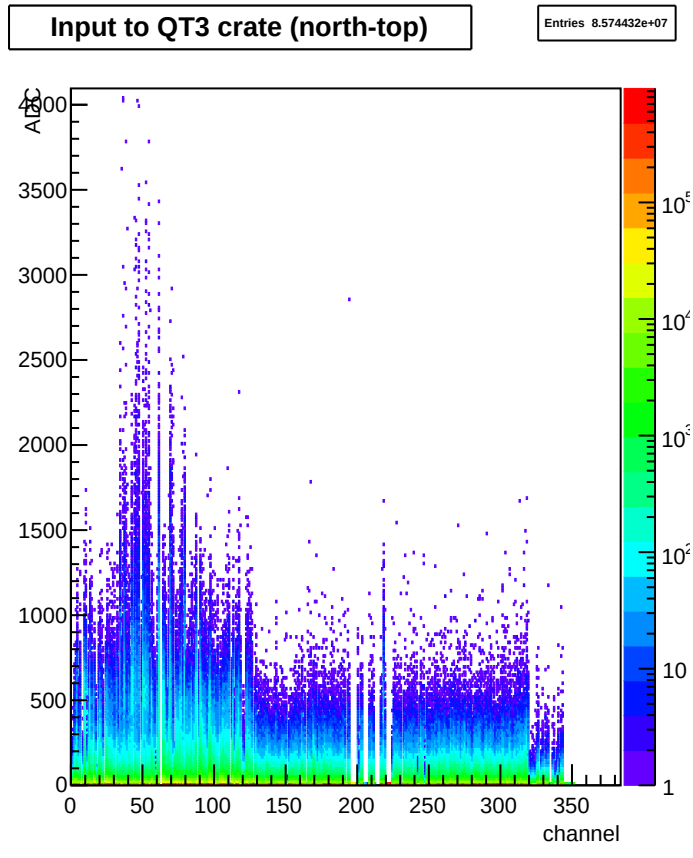

Entries 4454558
BBC-S-East ADC Sum
BBC-S-West ADC Sum

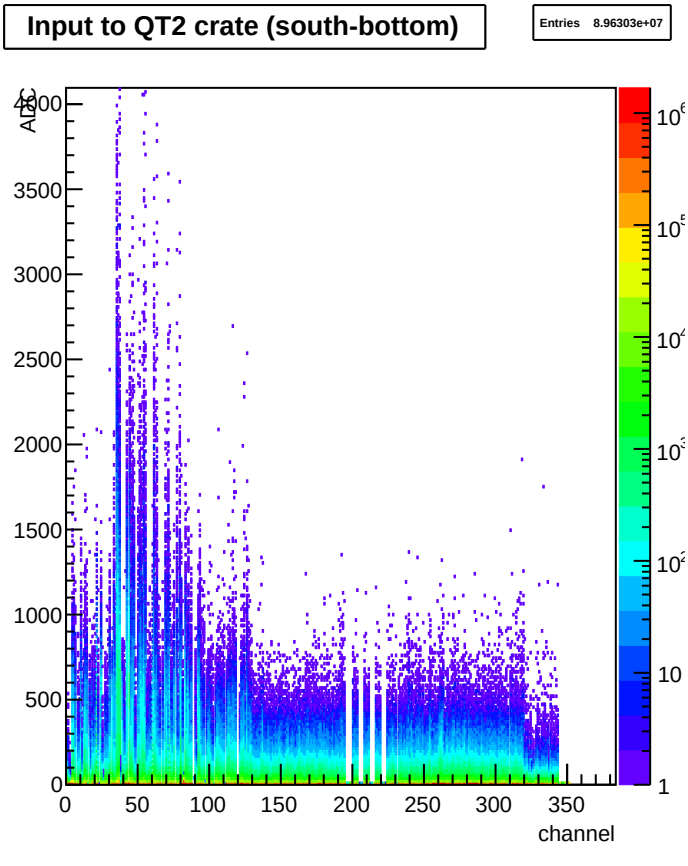

Entries 4454558
ZDC East ADC Sum Att
ZDC West ADC Sum Att

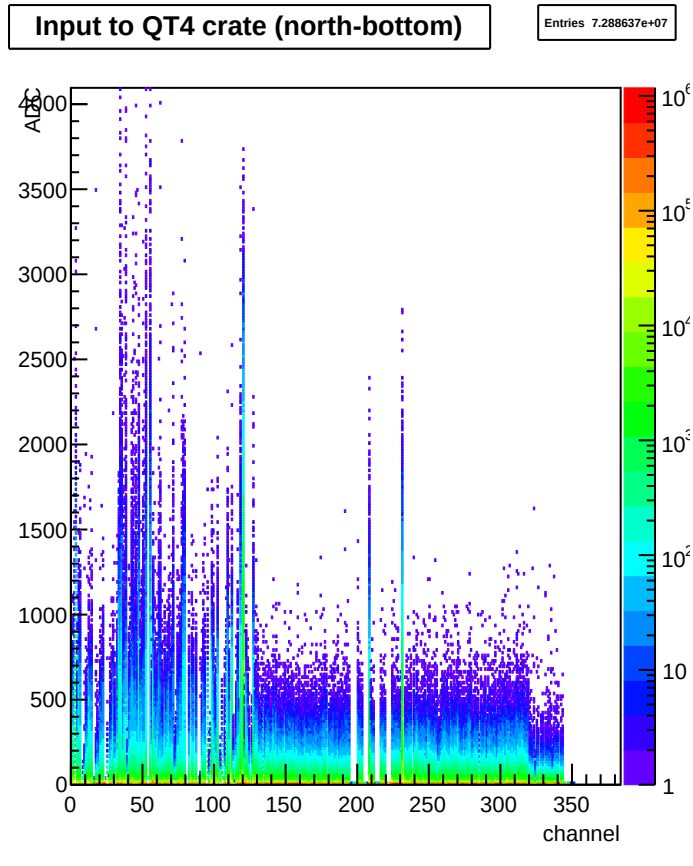

Entries 4454558
VPD East ADC Sum
VPD West ADC Sum

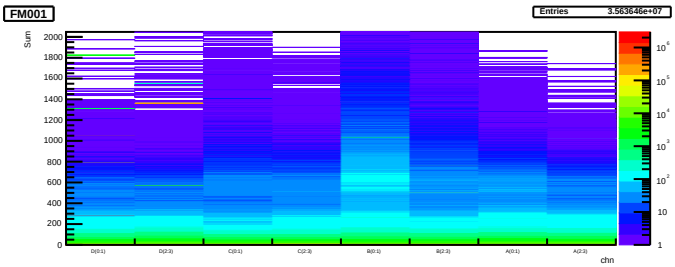

Entries 4454558
BBC-S TAC Diff
ZDC TAC Diff

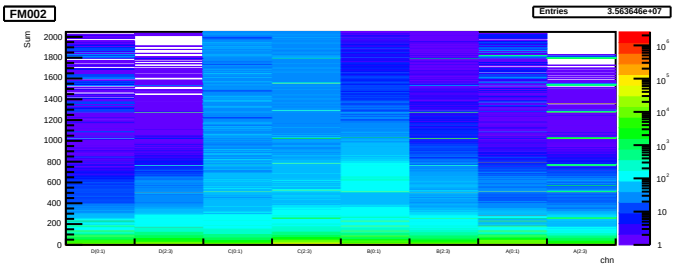

Input to QT1 crate (south-top)
Entries 8.031241e+07
ADC
channel


Input to QT3 crate (north-top)
Entries 8.574432e+07
ADC
channel


Input to QT2 crate (south-bottom)
Entries 8.96303e+07
ADC
channel


Input to QT4 crate (north-bottom)
Entries 7.288637e+07
ADC
channel


FM001
Entries 3.563646e+07
Sum
chn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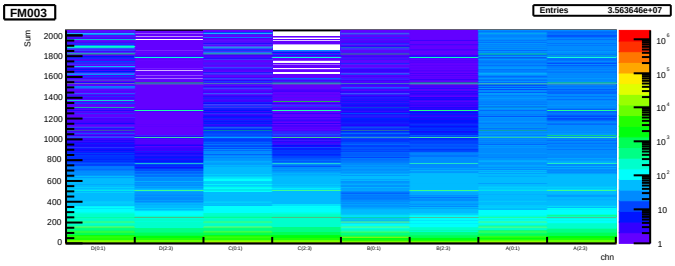
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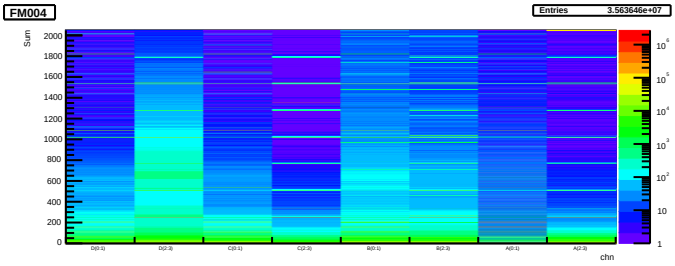
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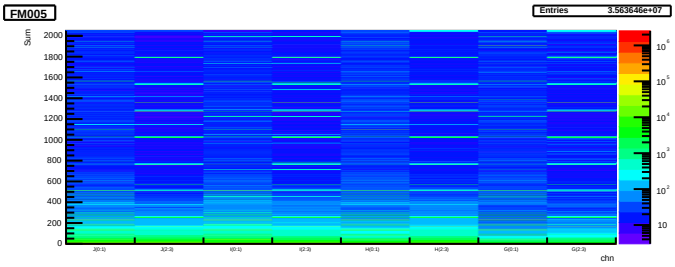
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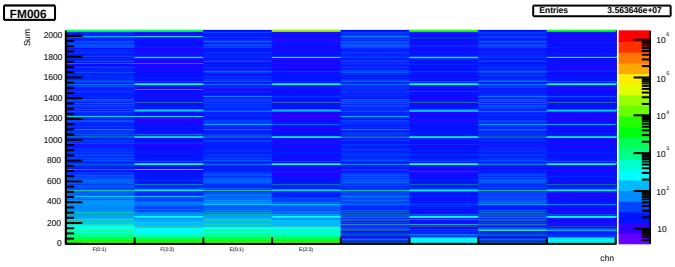
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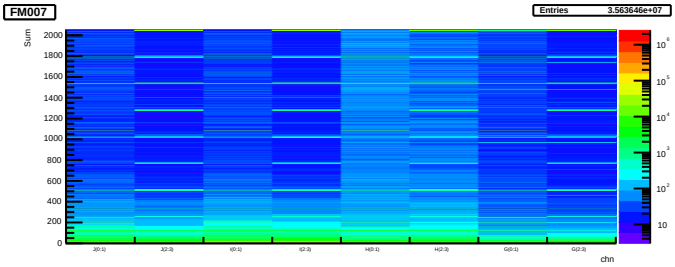
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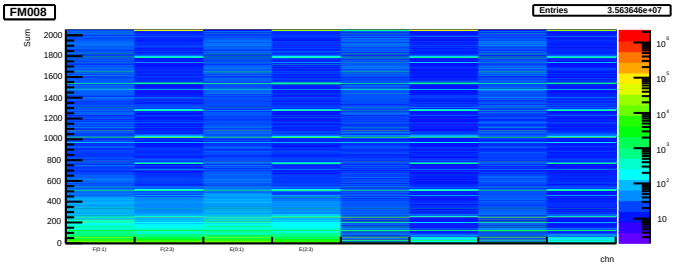
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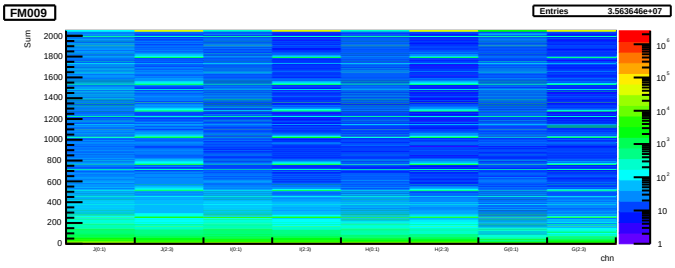
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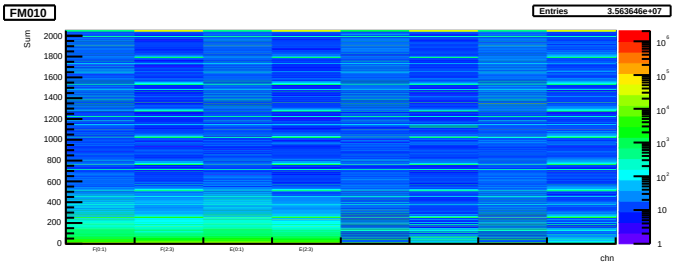
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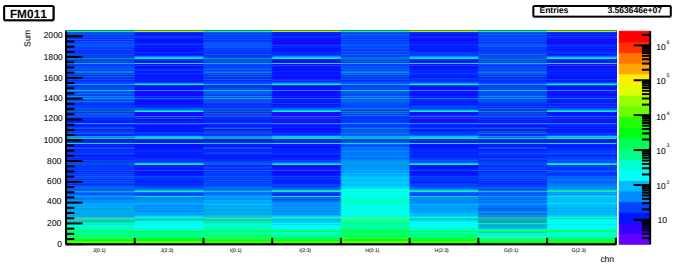
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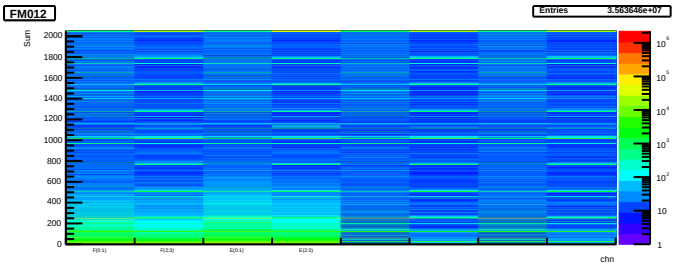
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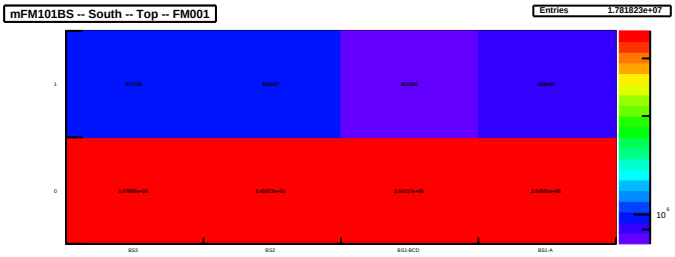
mFM101BS -- South -- Top -- FM001
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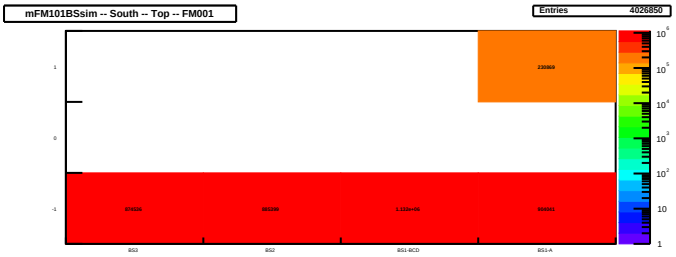
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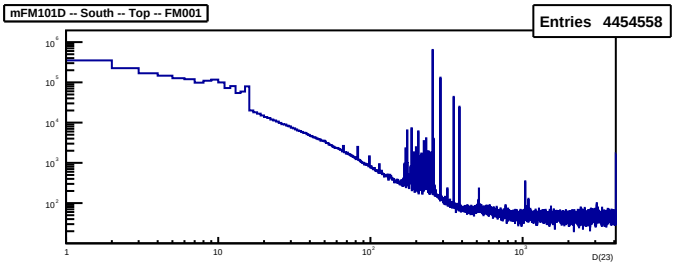
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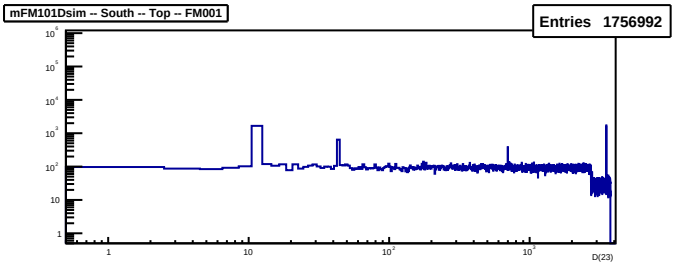
Entries 4454558
D(23)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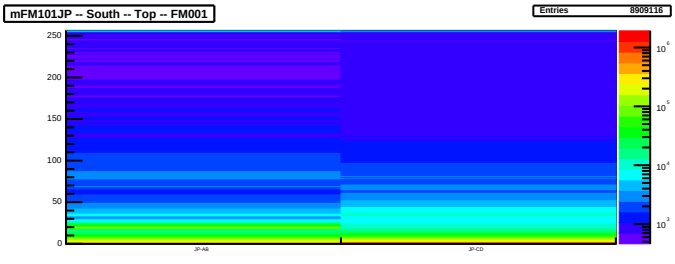
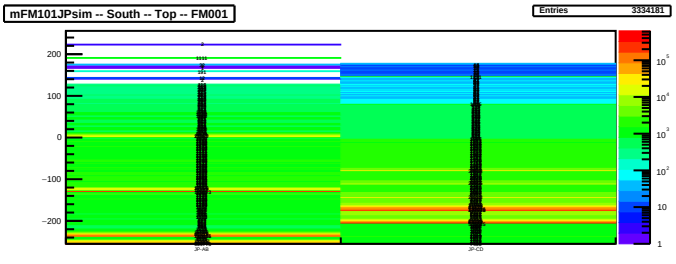

mFM101JP -- South -- Top -- FM001
Entries 8909116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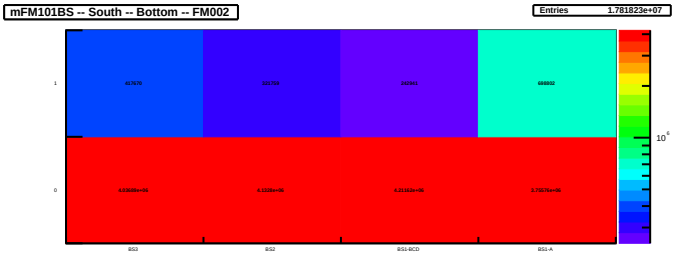
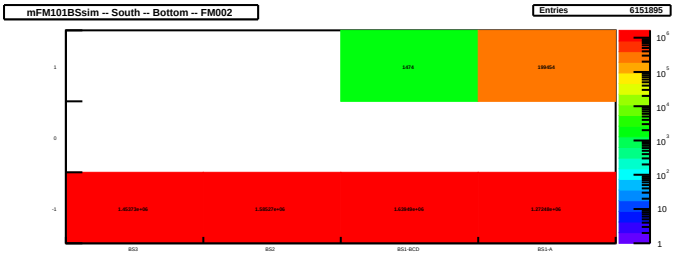

mFM101BS -- South -- Bottom -- FM002
Entries 1.781823e+07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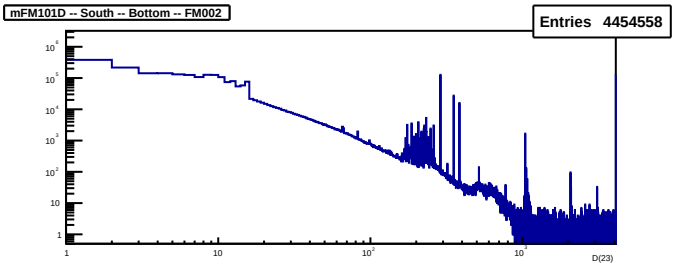
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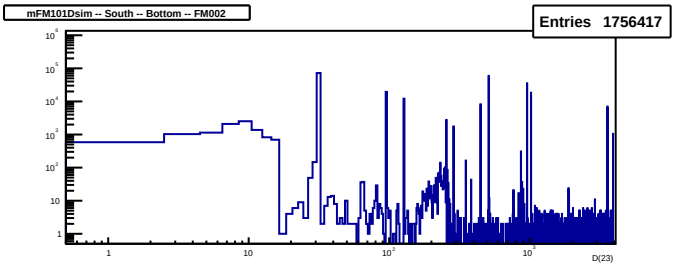
Entries 4454558
D(23)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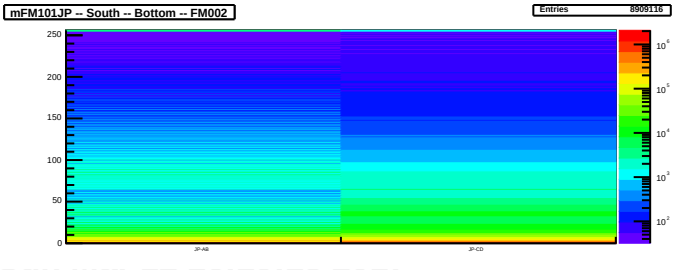
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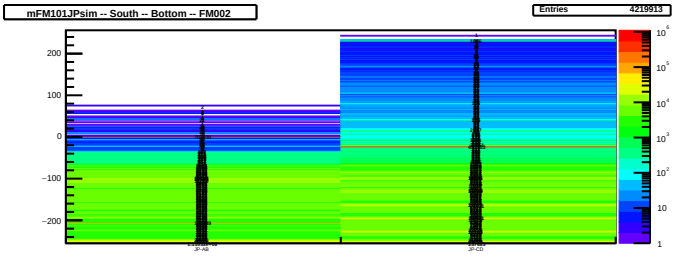
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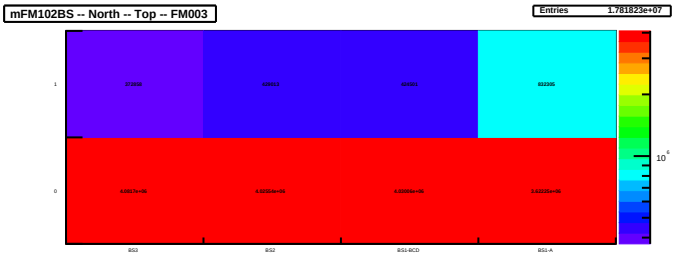
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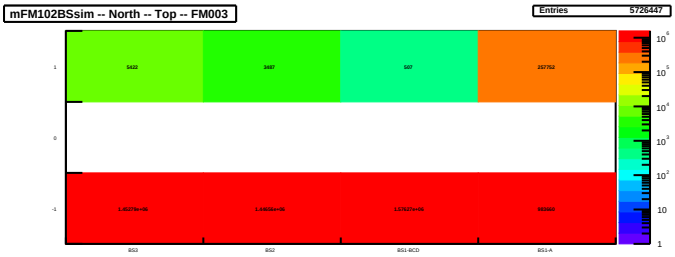
Entries 1.781823e+07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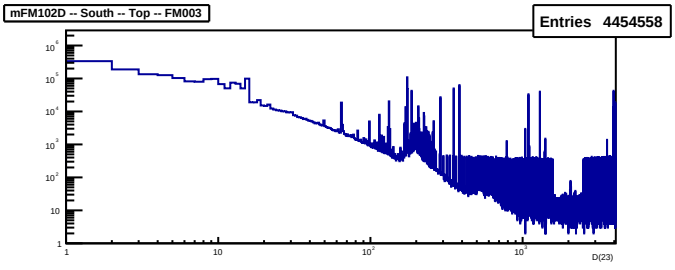
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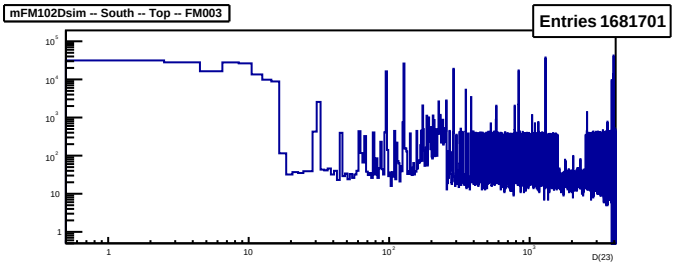
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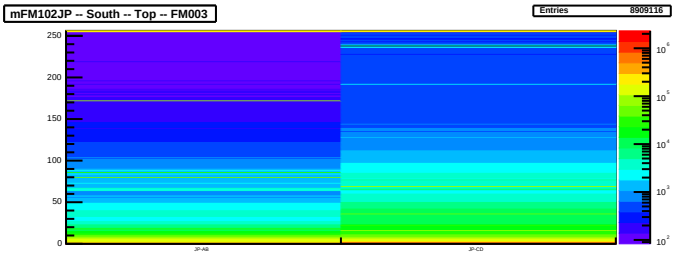
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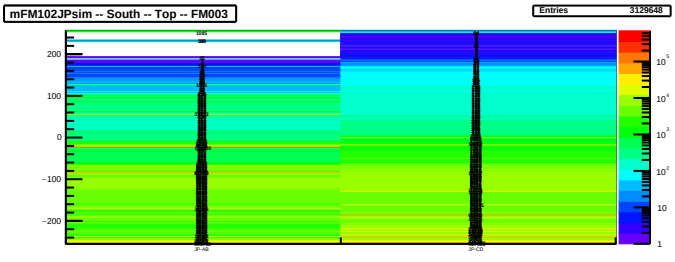
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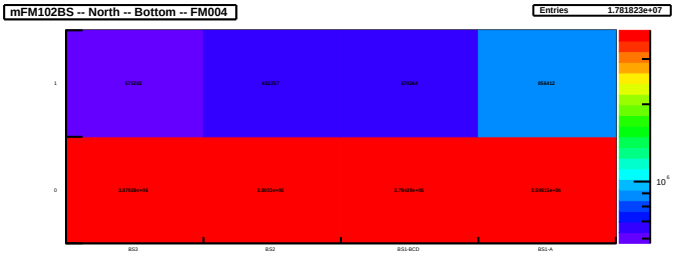
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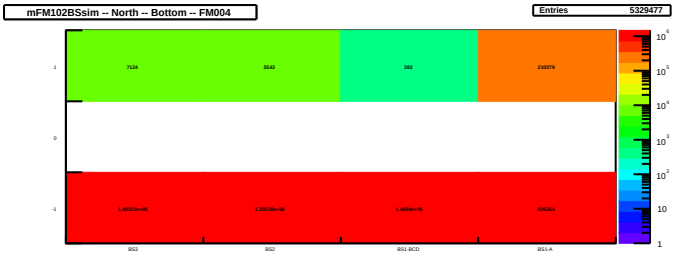
Entries 1.781823e+07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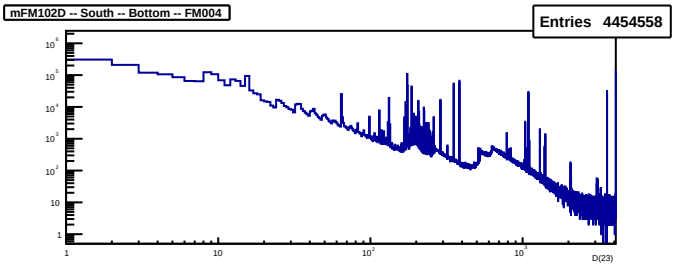
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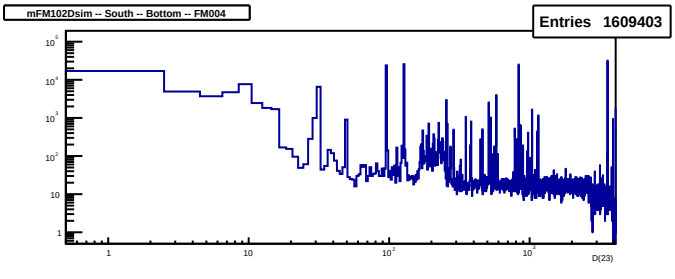
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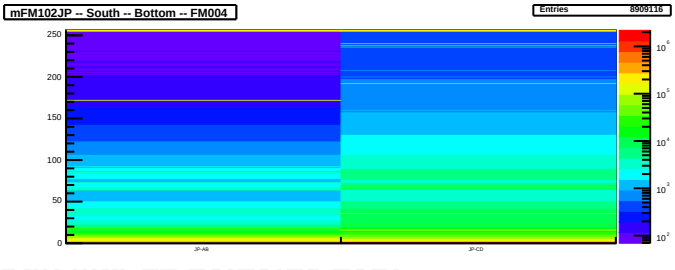
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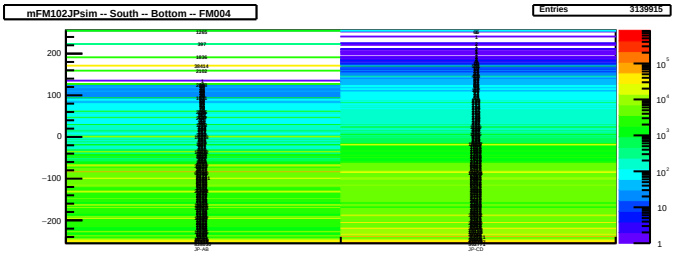
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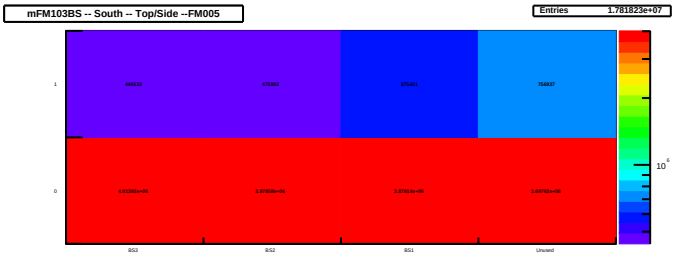
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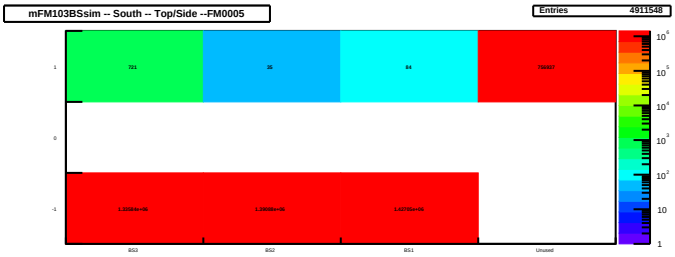
Entries 1.781823e+07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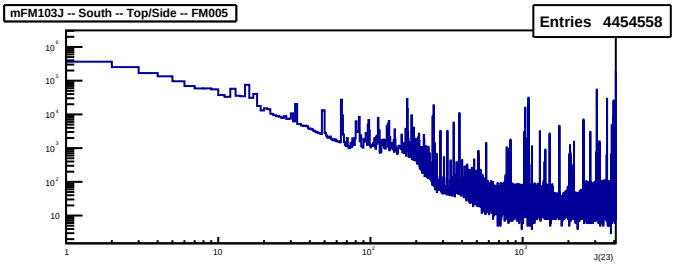
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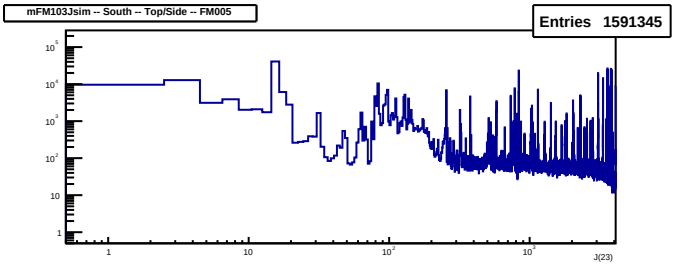
J(23)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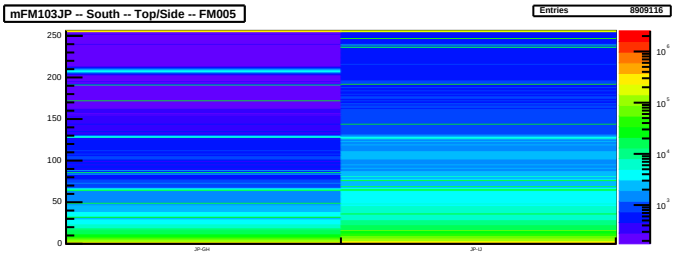
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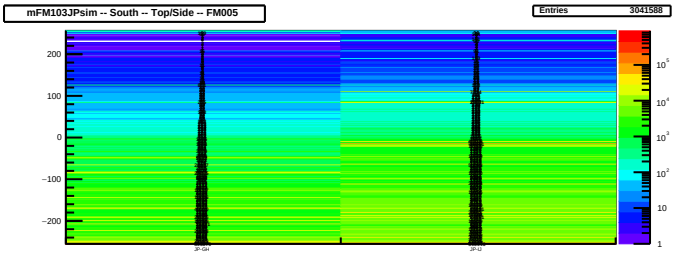
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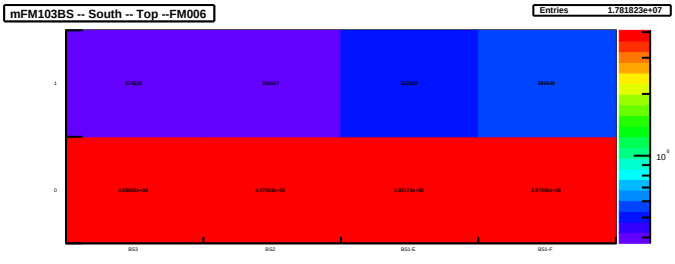
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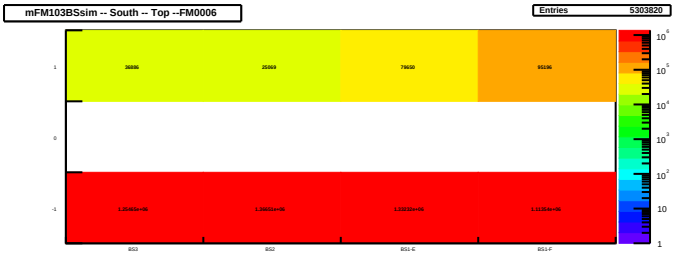
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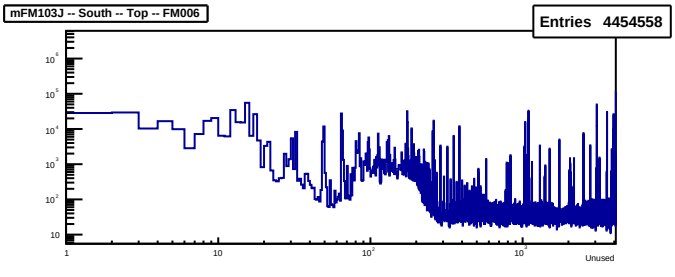
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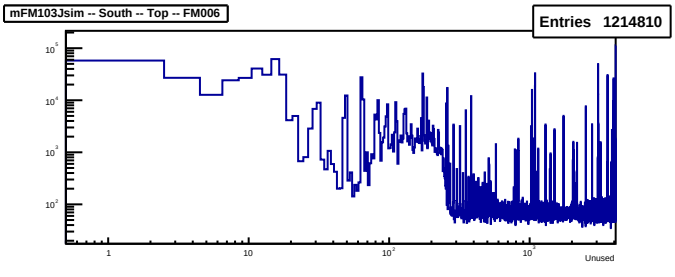
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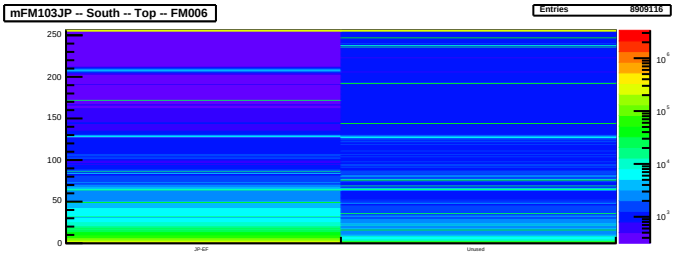
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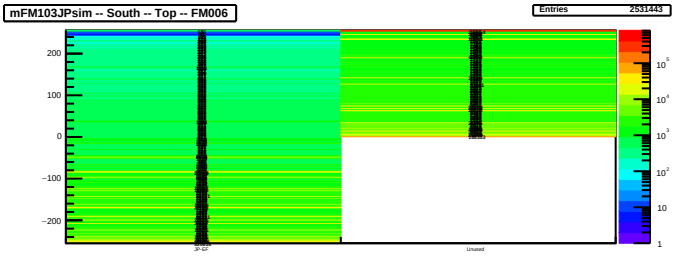
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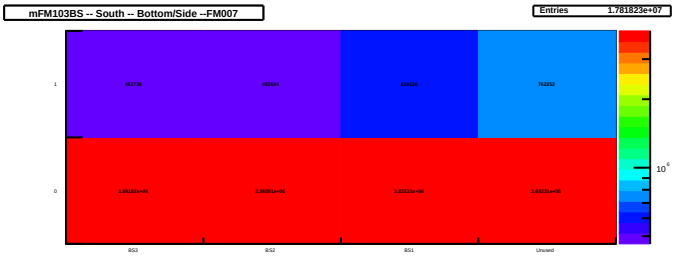
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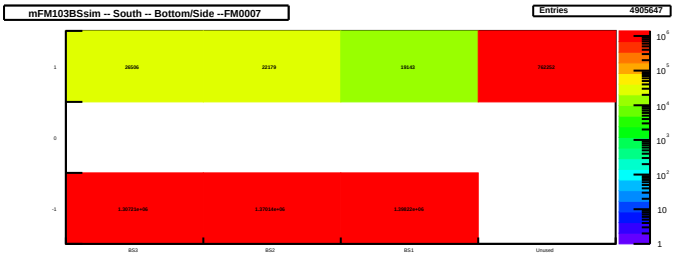
Entries 1.781823e+07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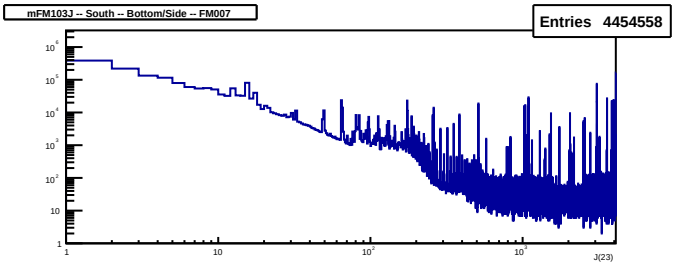
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Entries 4454558
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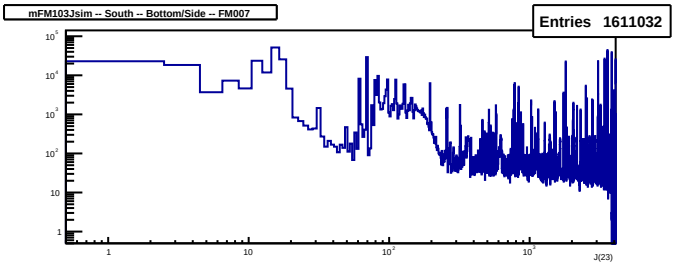
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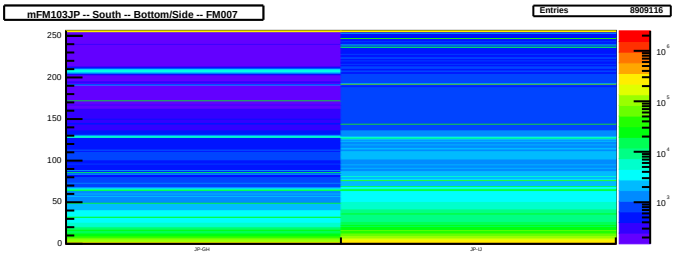
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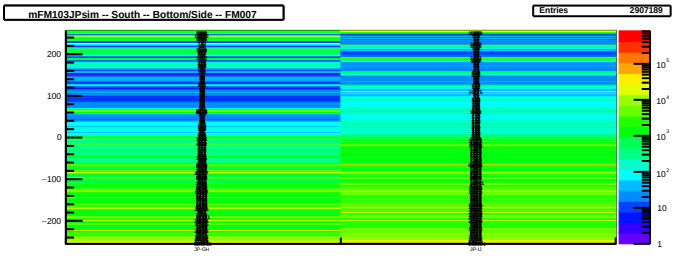
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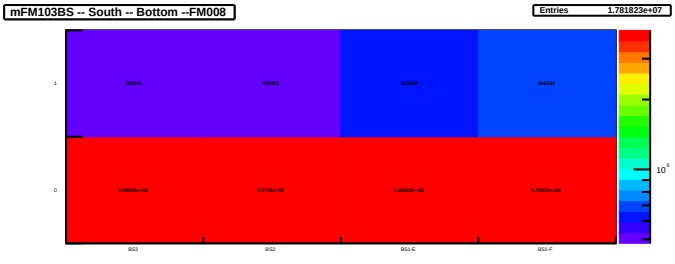
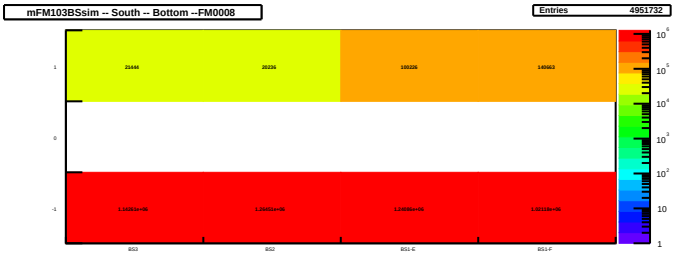
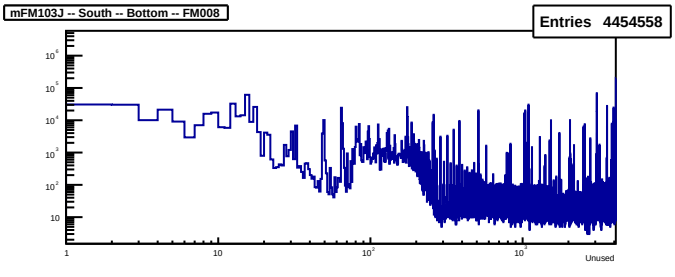
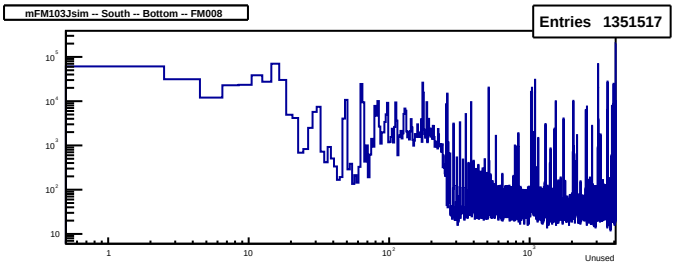
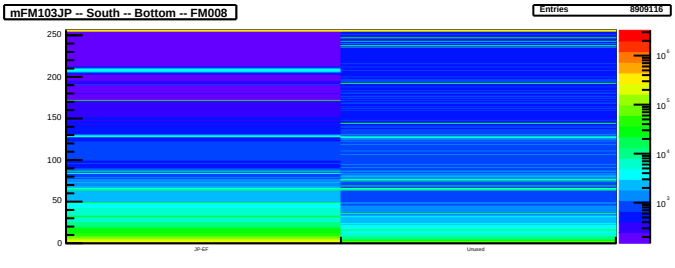
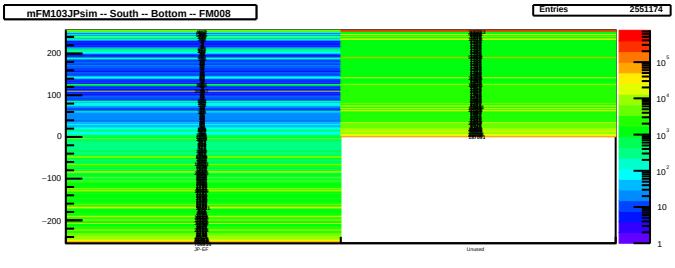

mFM103BS -- South -- Bottom --FM008
Entries 1.781823e+07

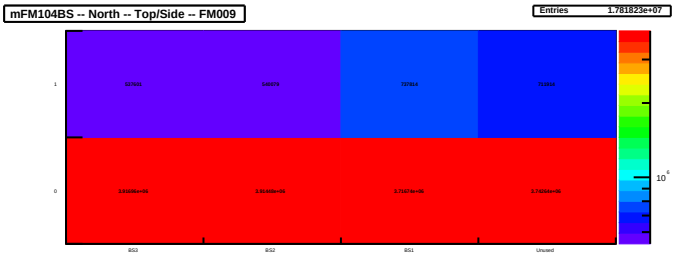

mFM103BSsim -- South -- Bottom --FM0008
Entries 4951732

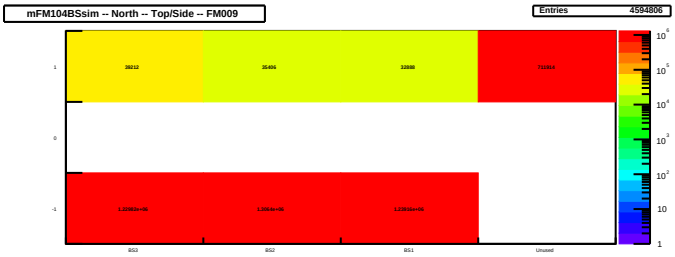

mFM103J -- South -- Bottom -- FM008
Entries 4454558
Unused

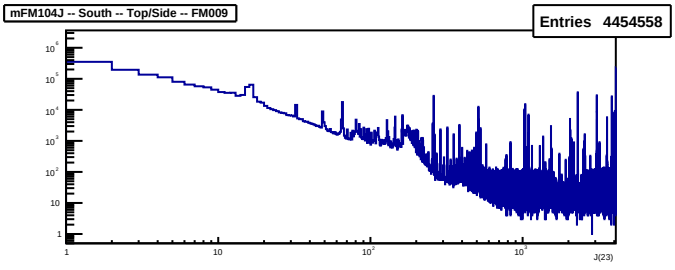

mFM103Jsim -- South -- Bottom -- FM008
Entries 1351517
Unused

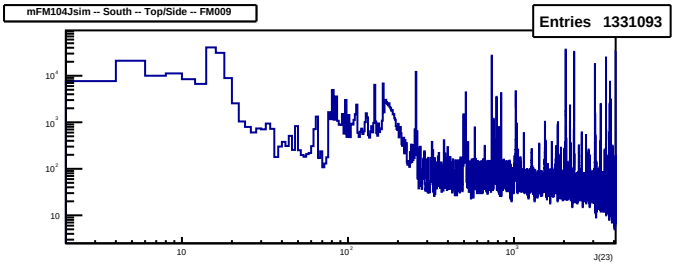

mFM103JP -- South -- Bottom -- FM008
Entries 8909116


mFM103JPsim -- South -- Bottom -- FM008
Entries 2551174


mFM104BS -- North -- Top/Side -- FM009
Entries 1.781823e+07


mFM104BSsim -- North -- Top/Side -- FM009
Entries 4594806


mFM104J -- South -- Top/Side -- FM009
Entries 4454558
J(23)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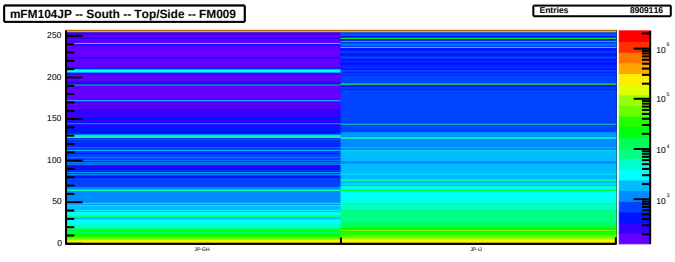
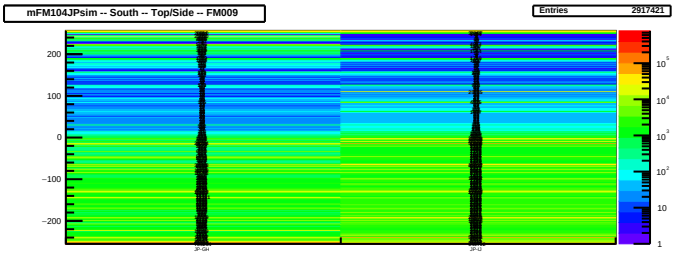
Entries 1331093
J(23)


mFM104JP -- South -- Top/Side -- FM009
Entries 8909116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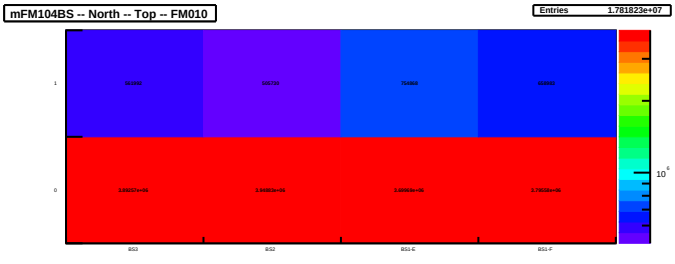
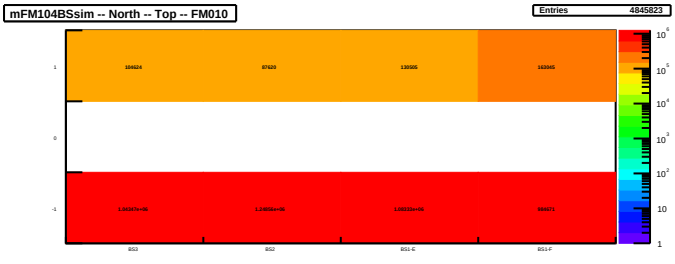
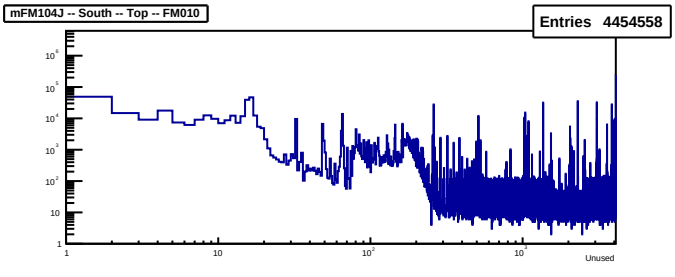
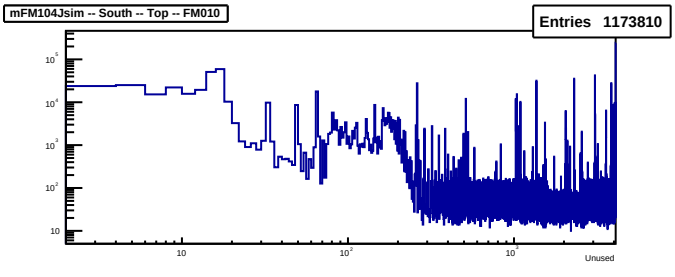
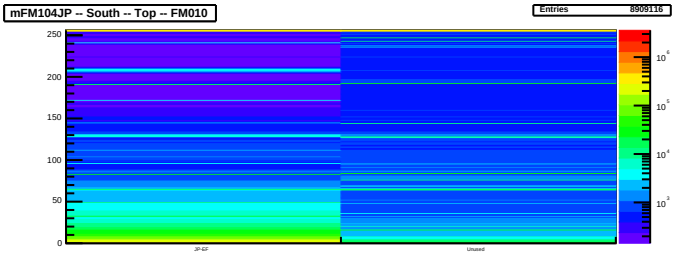
Entries 2917421

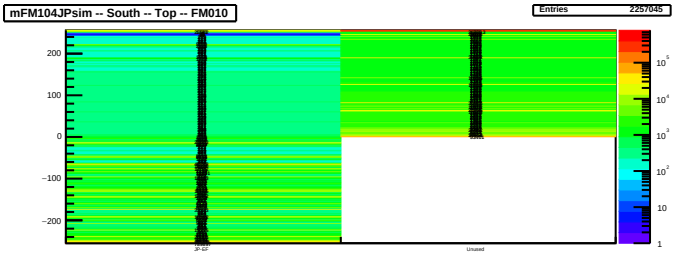

mFM104BS -- North -- Top -- FM010
Entries 1.781823e+07

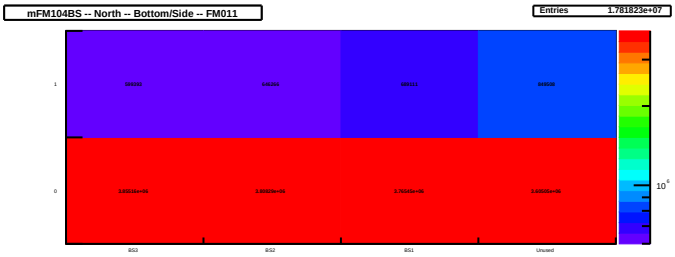

mFM104BSsim -- North -- Top -- FM010
Entries 4845823

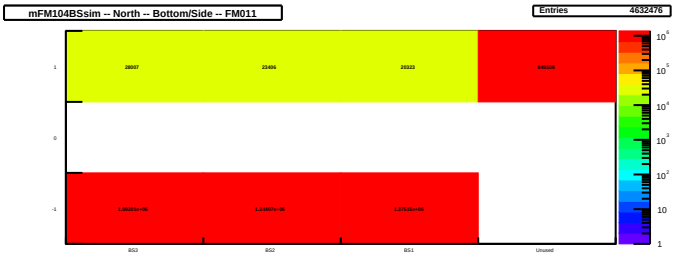

mFM104J -- South -- Top -- FM010
Entries 4454558
Unused

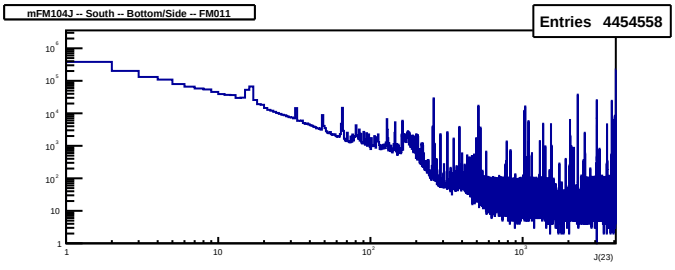

mFM104Jsim -- South -- Top -- FM010
Entries 1173810
Unused

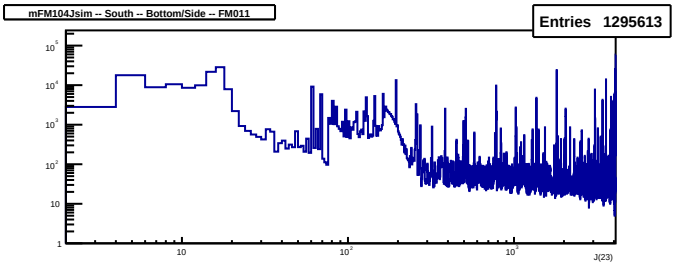

mFM104JP -- South -- Top -- FM010
Entries 8909116

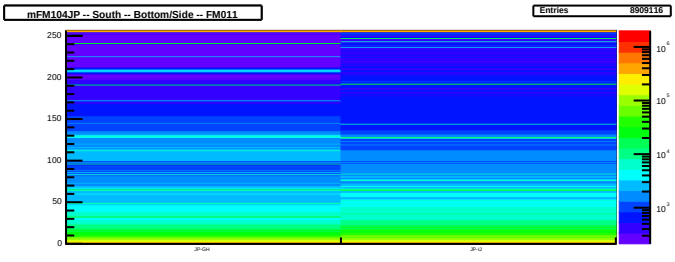

mFM104JPsim -- South -- Top -- FM010
Entries 2257045

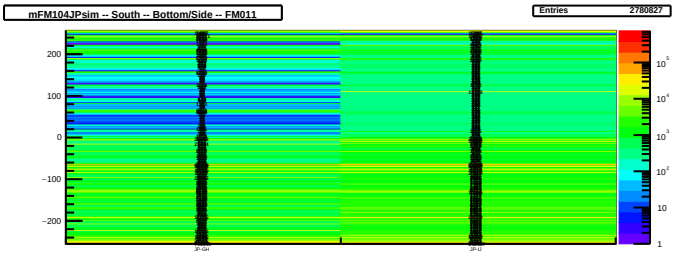

mFM104BS -- North -- Bottom/Side -- FM011
Entries 1.781823e+07

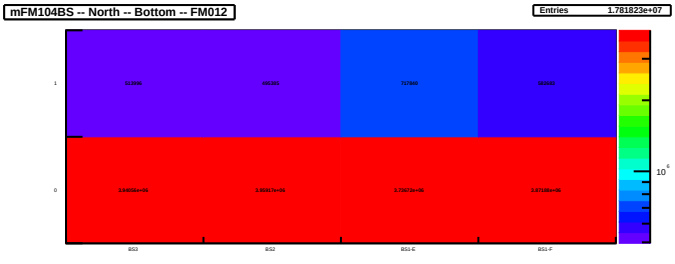

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 4632476

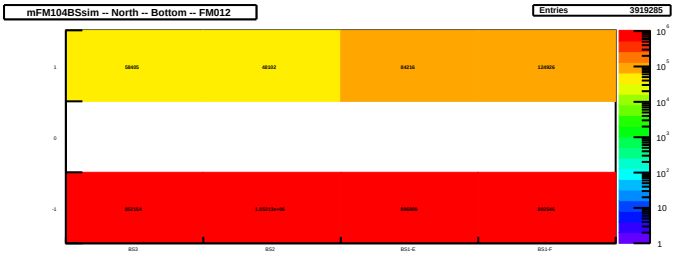

mFM104J -- South -- Bottom/Side -- FM011
Entries 4454558
J(23)

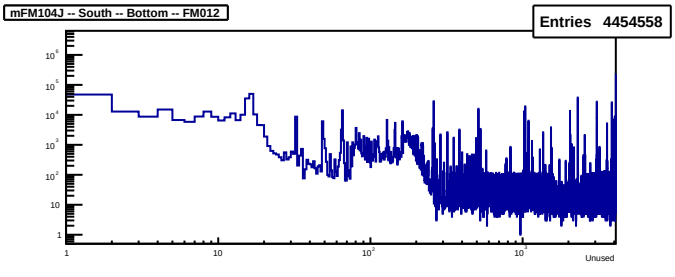

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 1295613
J(23)

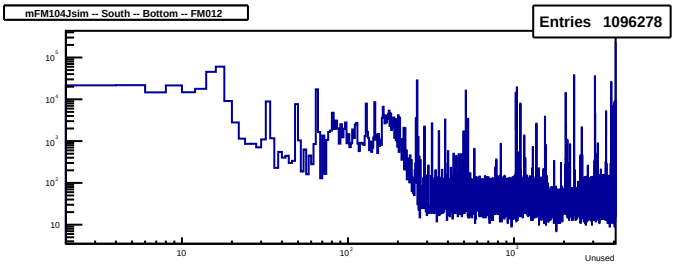

mFM104JP -- South -- Bottom/Side -- FM011
Entries 8909116

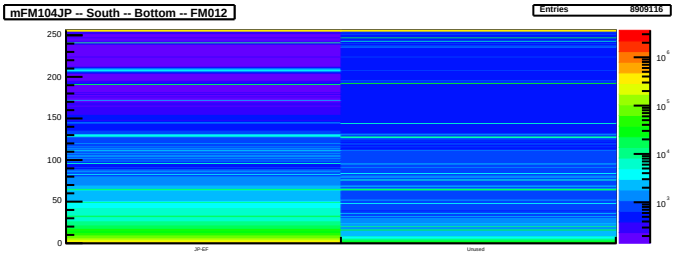

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 2780827

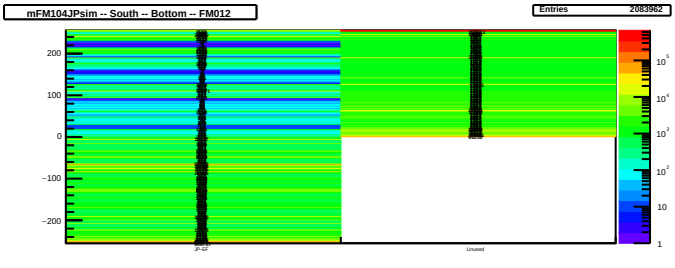

mFM104BS -- North -- Bottom -- FM012
Entries 1.781823e+07

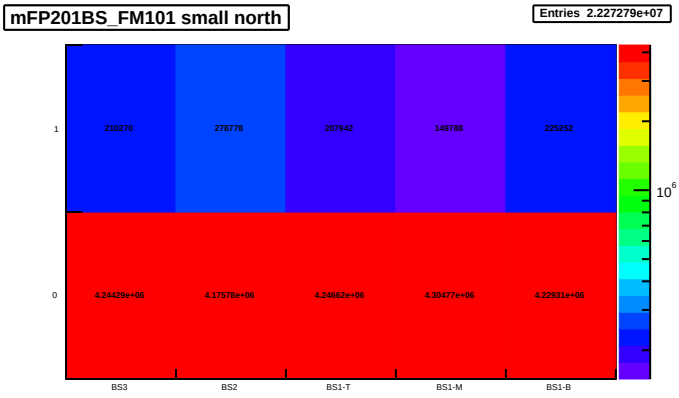

mFM104BSsim -- North -- Bottom -- FM012
Entries 3919285

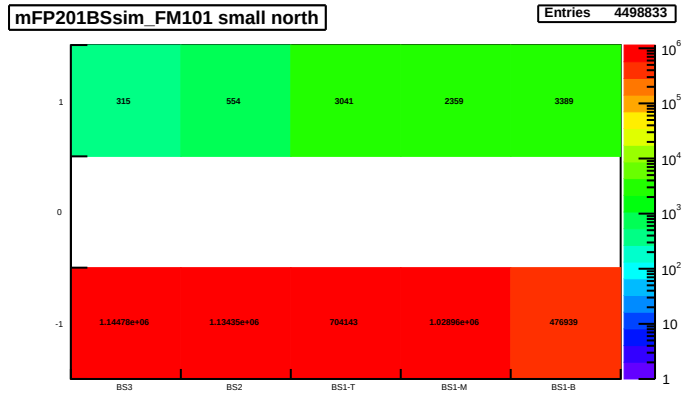

mFM104J -- South -- Bottom -- FM012
Entries 4454558
Unused

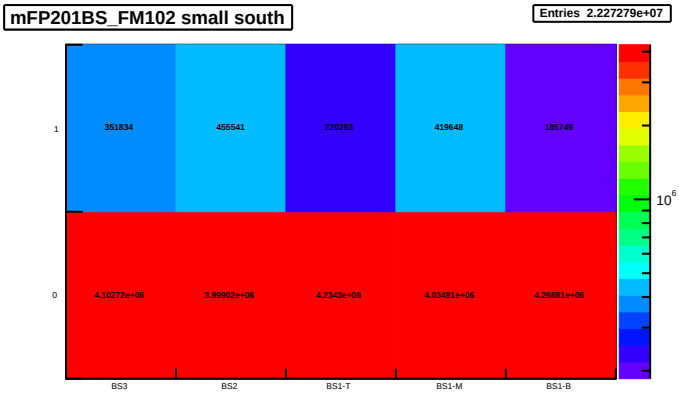

mFM104Jsim -- South -- Bottom -- FM012
Entries 1096278
Unused

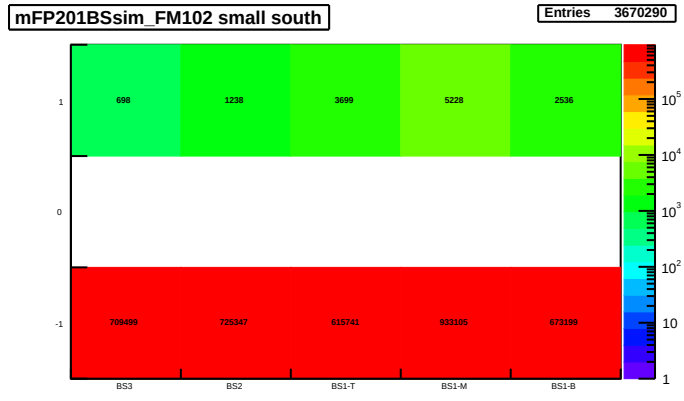

mFM104JP -- South -- Bottom -- FM012
Entries 8909116

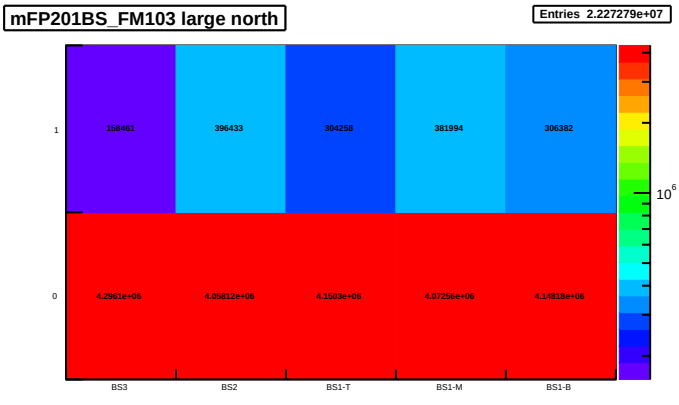

mFM104JPsim -- South -- Bottom -- FM012
Entries 2083962

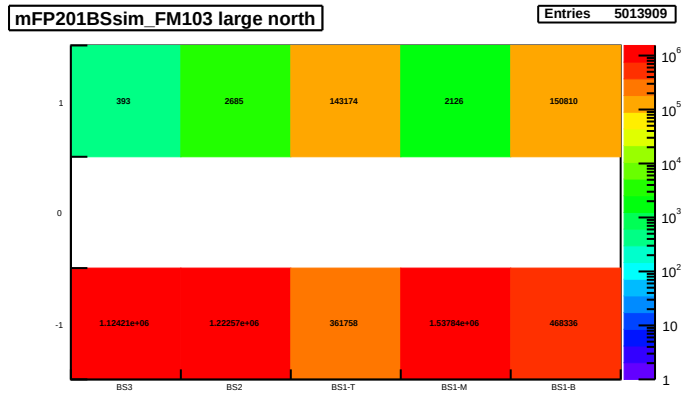

mFP201BS_FM101 small north
Entries 2.227279e+07
1
0
210270
278778
207942
149788
225252
4.24429e+06
4.17578e+06
4.24662e+06
4.30477e+06
4.22931e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6

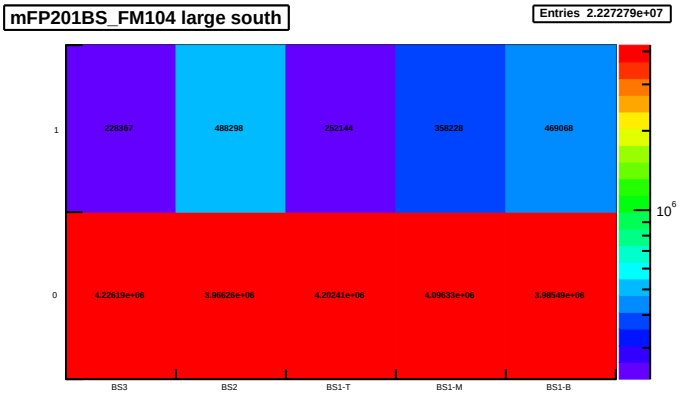

mFP201BSsim_FM101 small north
Entries 4498833
1
0
-1
315
554
3041
2359
3389
1.14478e+06
1.13435e+06
704143
1.02896e+06
476939
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6
10^5
10^4
10^3
10^2
10
1

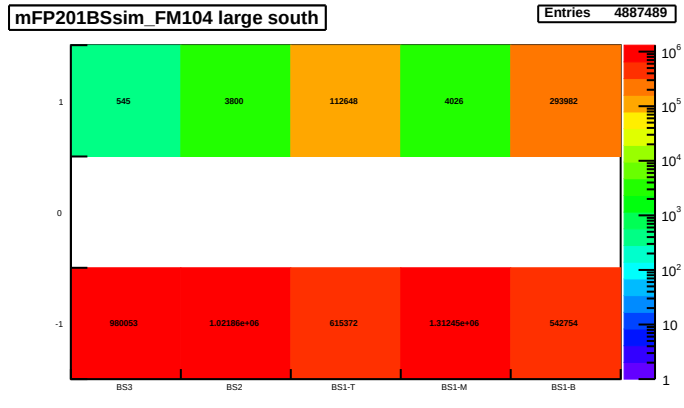

mFP201BS_FM102 small south
Entries 2.227279e+07
1
0
351834
455541
220263
419648
185749
4.10272e+06
3.99902e+06
4.2343e+06
4.03491e+06
4.26881e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6

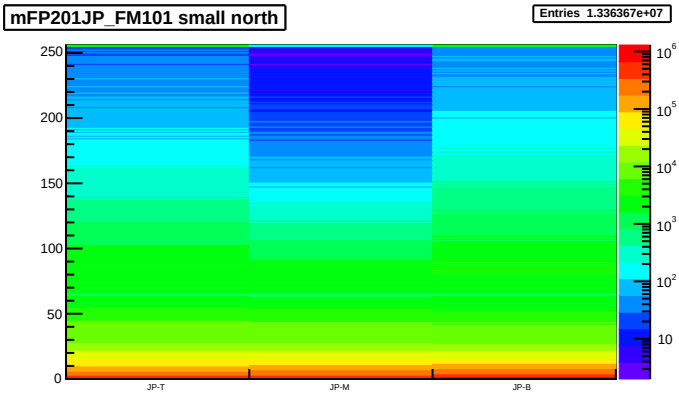

mFP201BSsim_FM102 small south
Entries 3670290
1
0
-1
698
1238
3699
5228
2536
709499
725347
615741
933105
673199
BS3
BS2
BS1-T
BS1-M
BS1-B
10^5
10^4
10^3
10^2
10
1

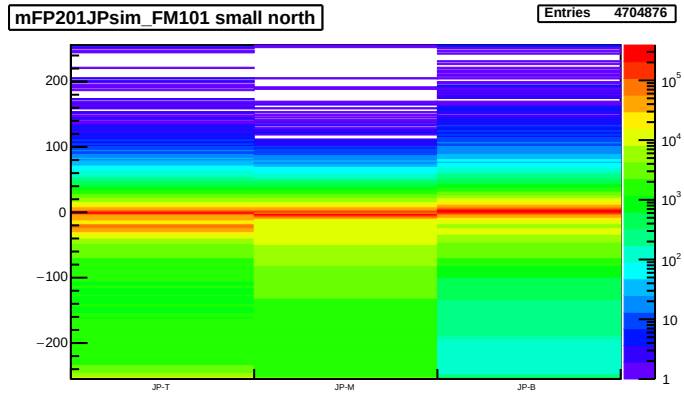

mFP201BS_FM103 large north
Entries 2.227279e+07
1
0
158461
396433
304258
381994
306382
4.2961e+06
4.05812e+06
4.1503e+06
4.07256e+06
4.14818e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6

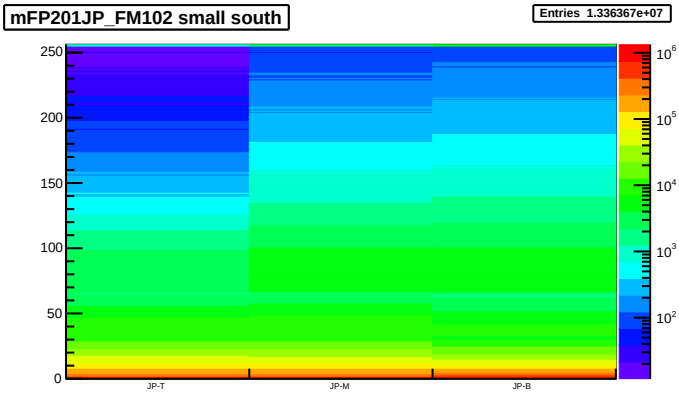

mFP201BSsim_FM103 large north
Entries 5013909
1
0
-1
393
2685
143174
2126
150810
1.12421e+06
1.22257e+06
361758
1.53784e+06
468336
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6
10^5
10^4
10^3
10^2
10
1

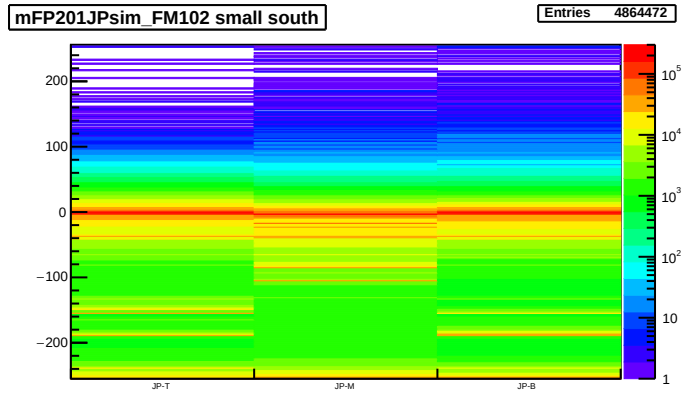

mFP201BS_FM104 large south
Entries 2.227279e+07
1
0
228367
488298
252144
358228
469068
4.22619e+06
3.96626e+06
4.20241e+06
4.09633e+06
3.98549e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6

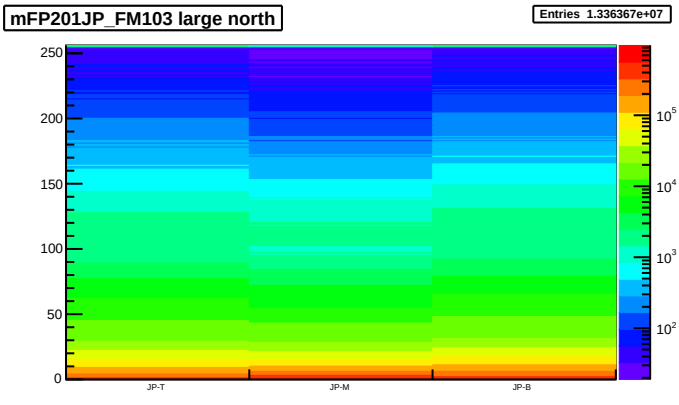

mFP201BSsim_FM104 large south
Entries 4887489
1
0
-1
545
3800
112648
4026
293982
980053
1.02186e+06
615372
1.31245e+06
542754
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6
10^5
10^4
10^3
10^2
10
1

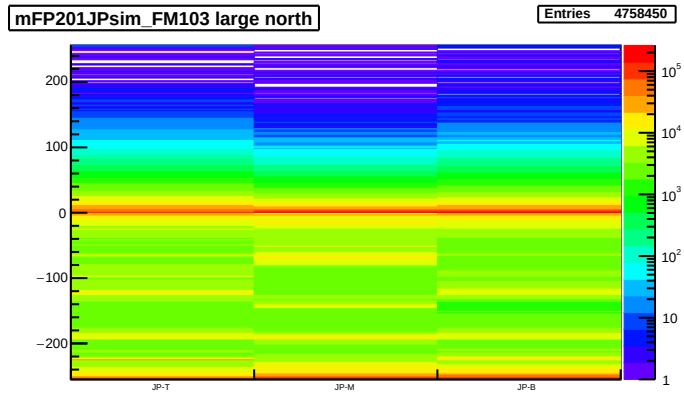

mFP201JP_FM101 small north
Entries 1.336367e+07
JP-T
JP-M
JP-B

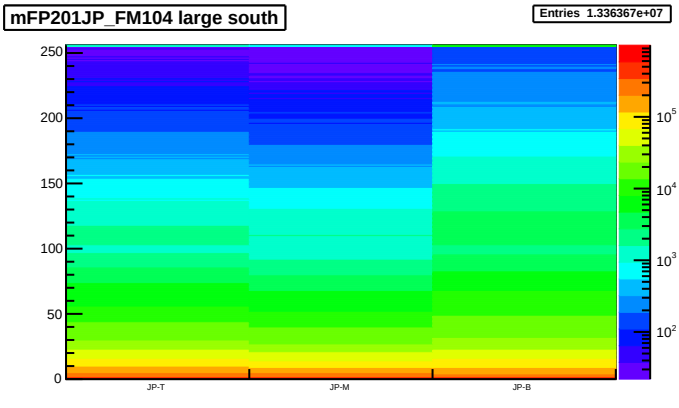

mFP201JPsim_FM101 small north
Entries 4704876
JP-T
JP-M
JP-B

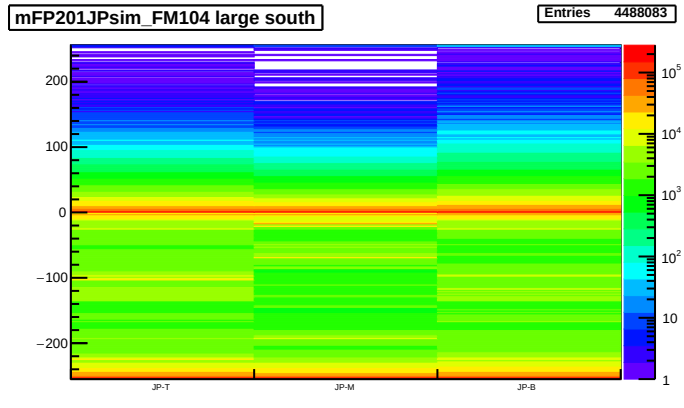

mFP201JP_FM102 small south
Entries 1.336367e+07
JP-T
JP-M
JP-B

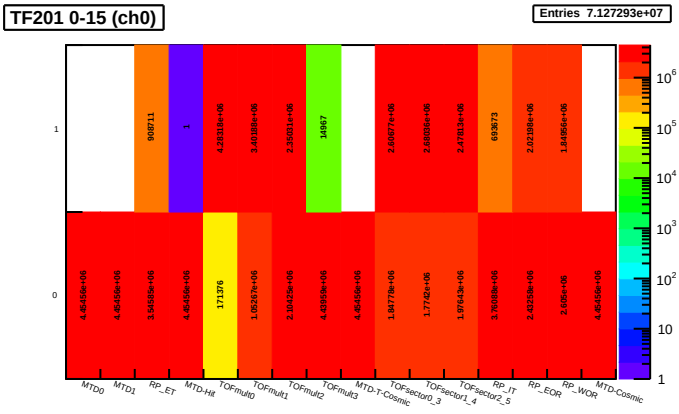

mFP201JPsim_FM102 small south
Entries 4864472
JP-T
JP-M
JP-B

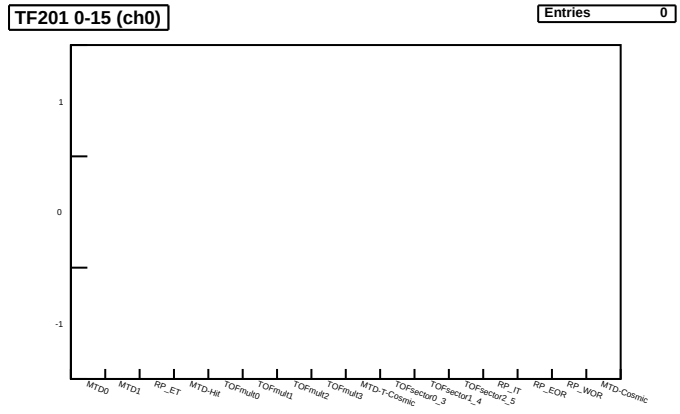

mFP201JP_FM103 large north
Entries 1.336367e+07
JP-T
JP-M
JP-B

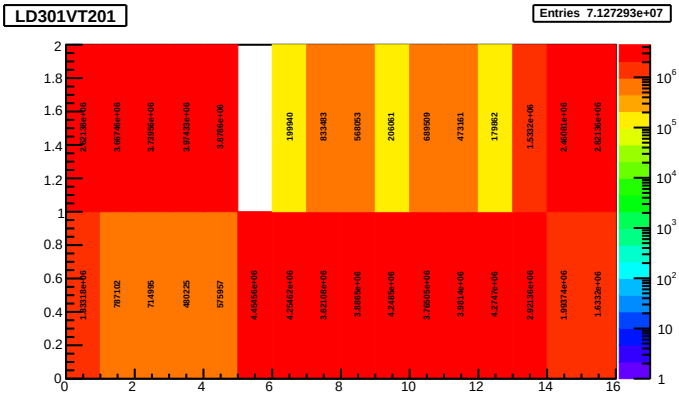

mFP201JPsim_FM103 large north
Entries 4758450
JP-T
JP-M
JP-B

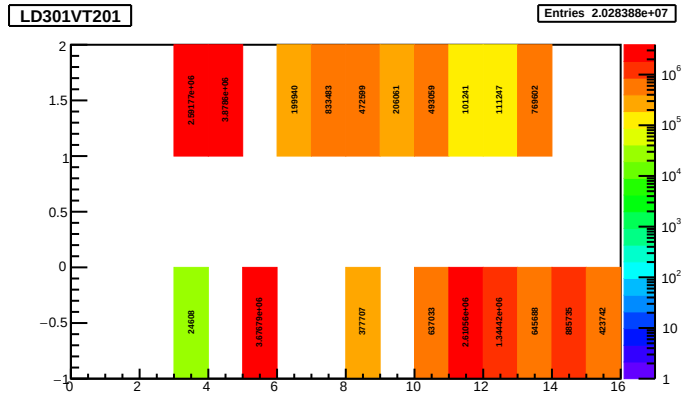

mFP201JP_FM104 large south
Entries 1.336367e+07
JP-T
JP-M
JP-B


mFP201JPsim_FM104 large south
Entries 4488083
JP-T
JP-M
JP-B


TF201 0-15 (ch0)
Entries 7.127293e+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 7.127293e+07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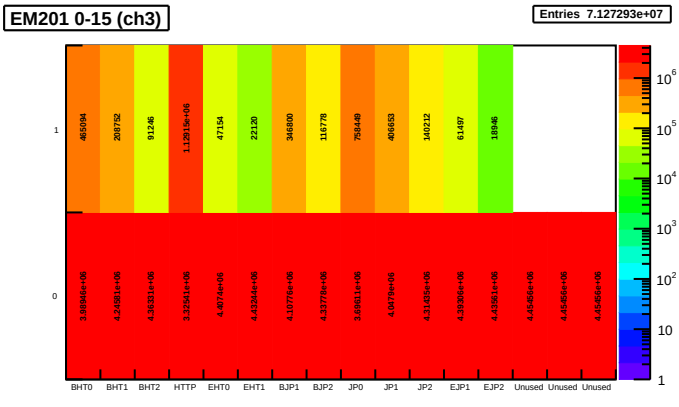
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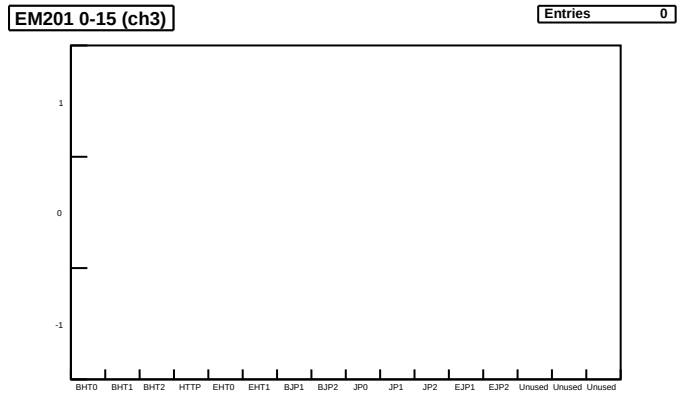
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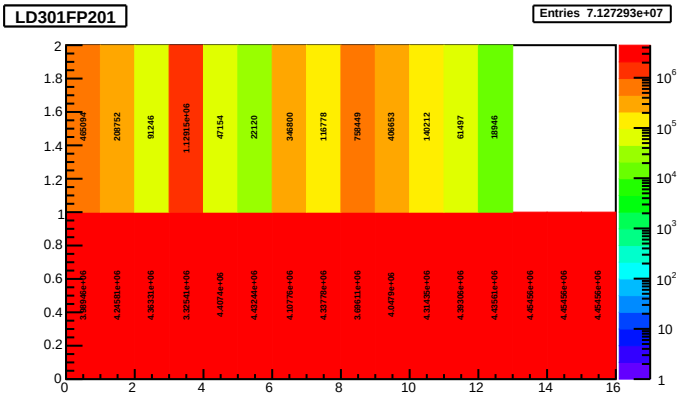
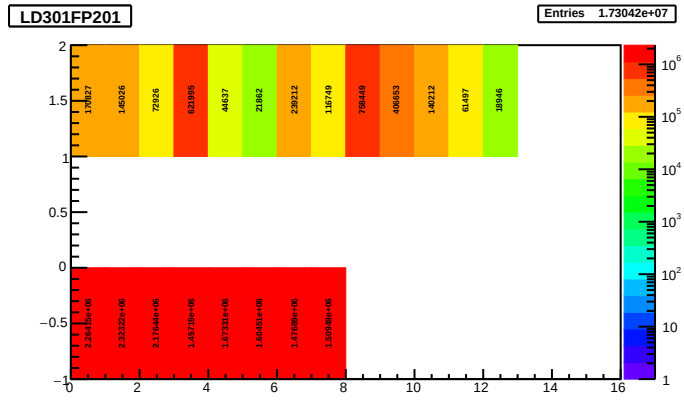

LD301FP201
Entries 7.127293e+07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Entries 1.73042e+07