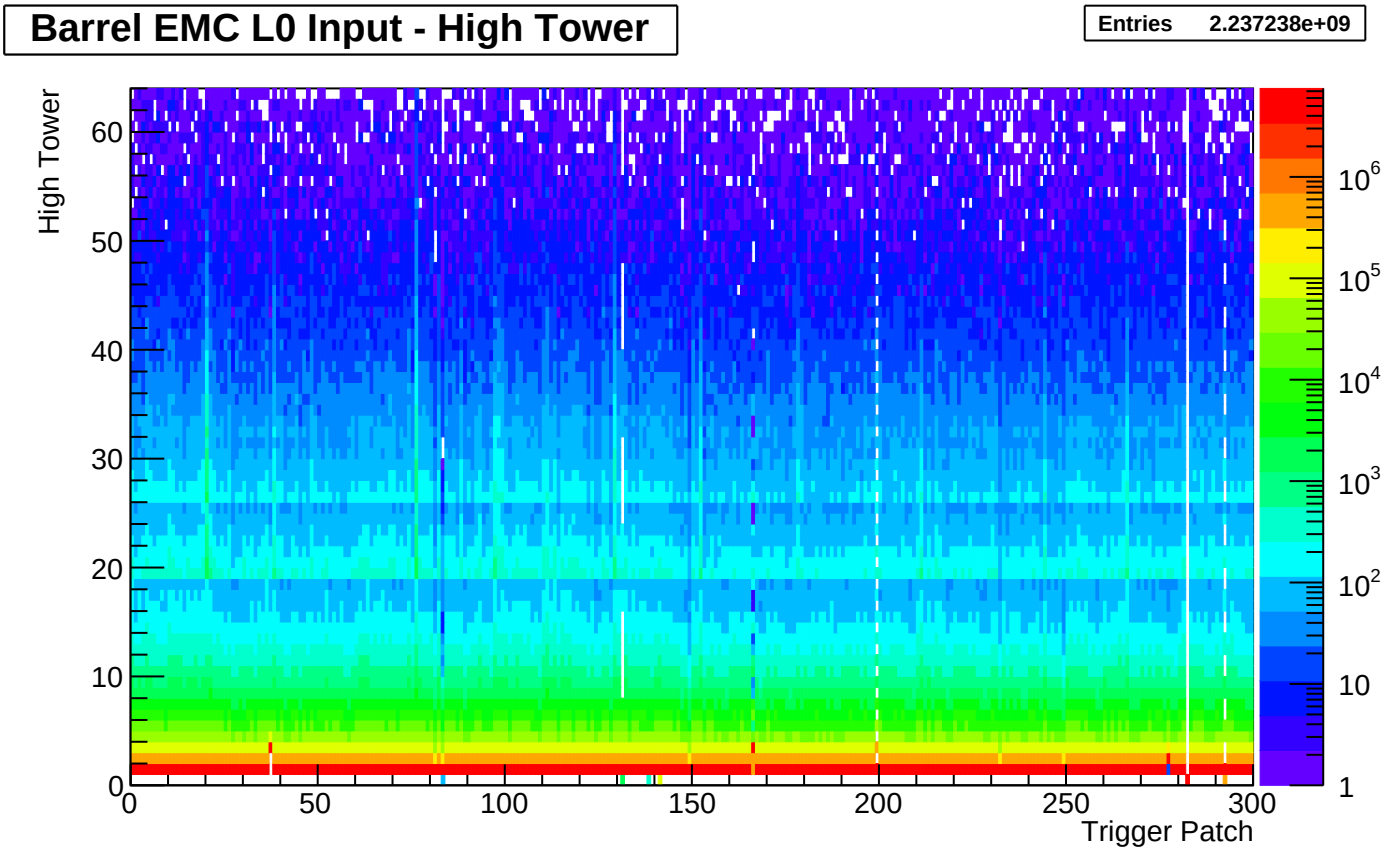
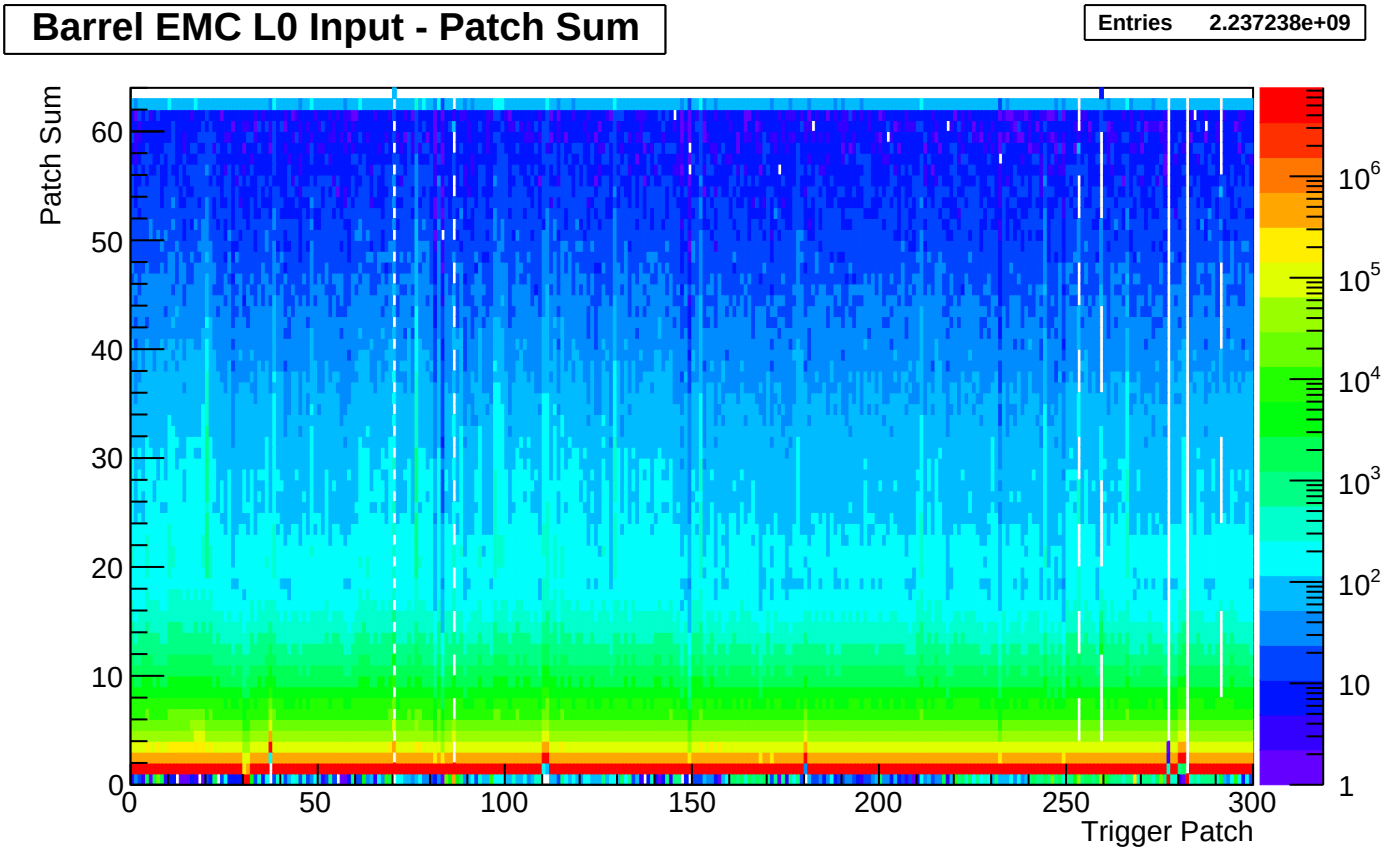
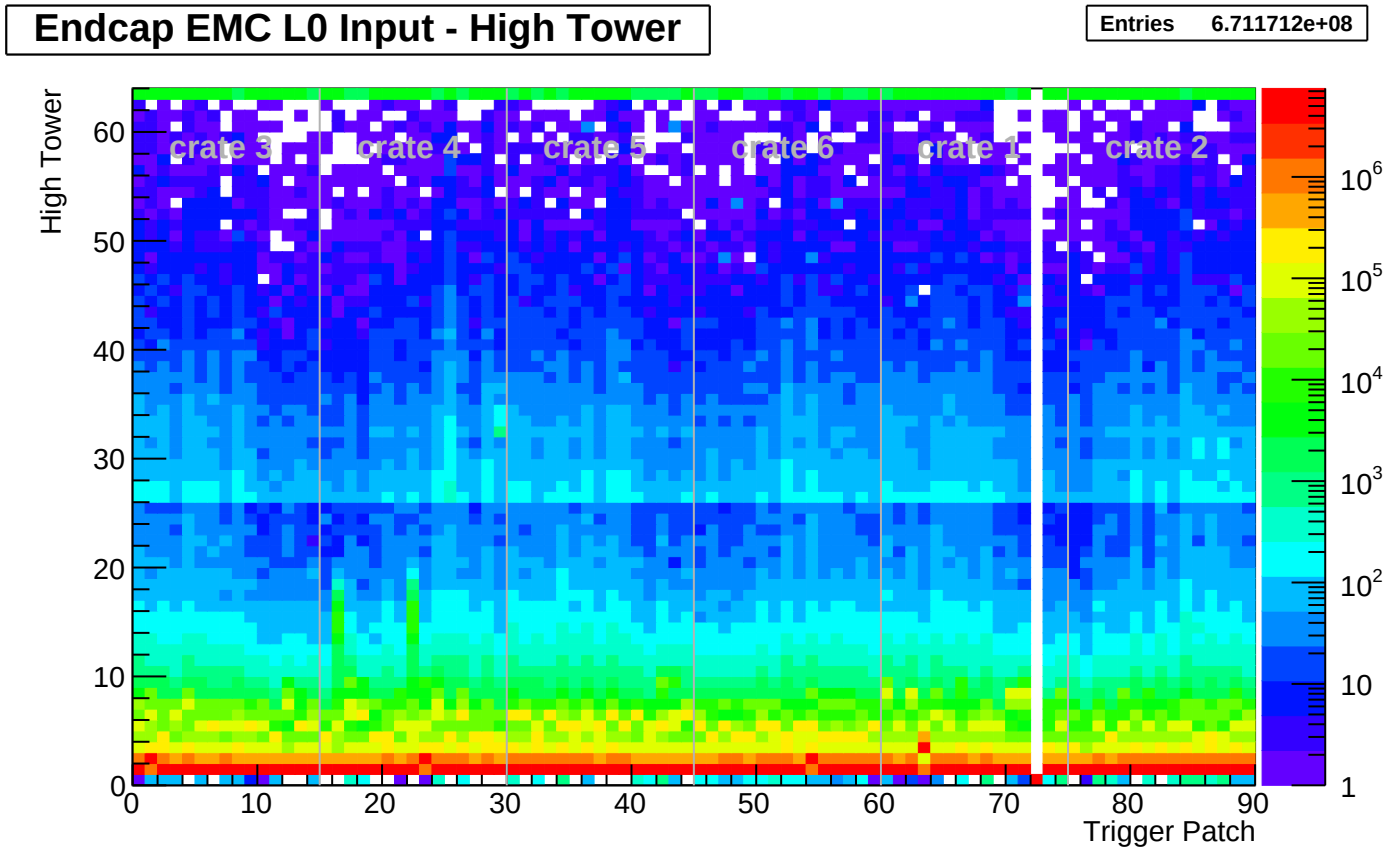
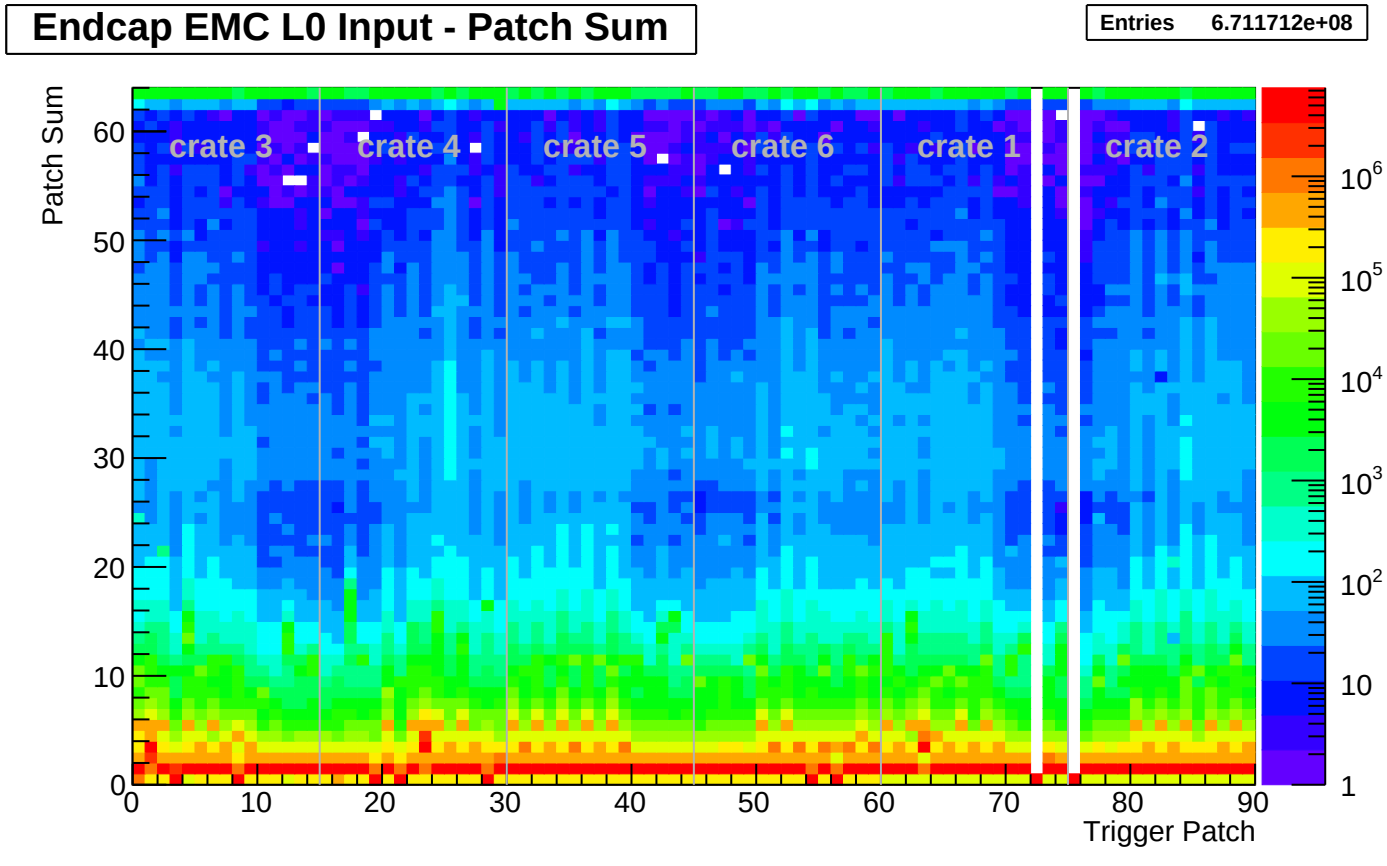
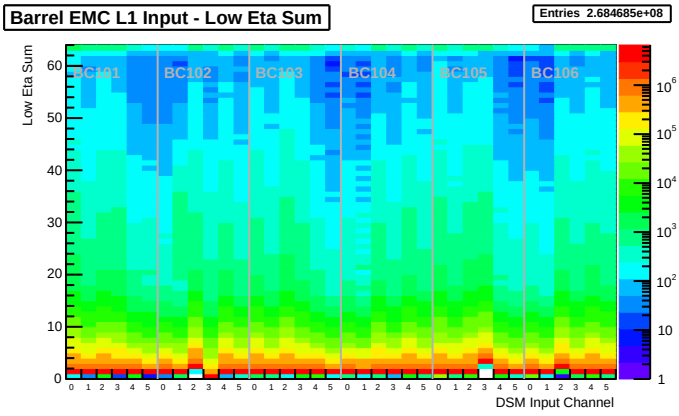
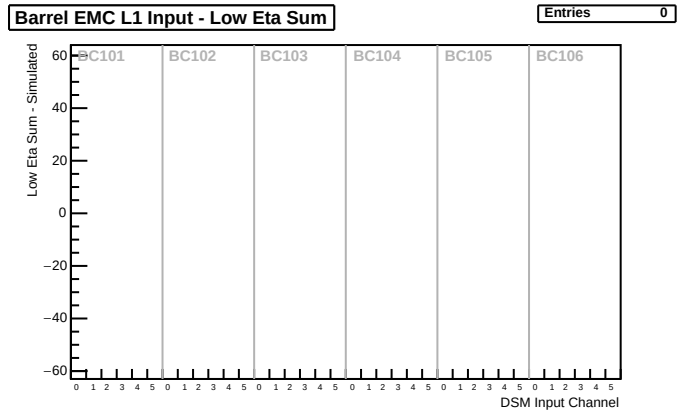

Barrel EMC L0 Input - High Tower
Entries 2.237238e+09
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

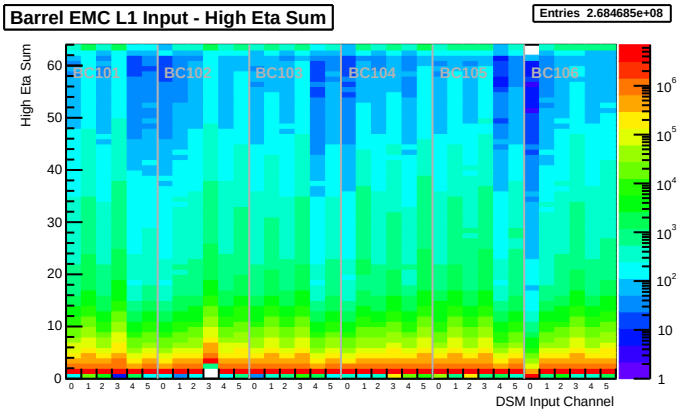

Barrel EMC L0 Input - Patch Sum
Entries 2.237238e+09
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

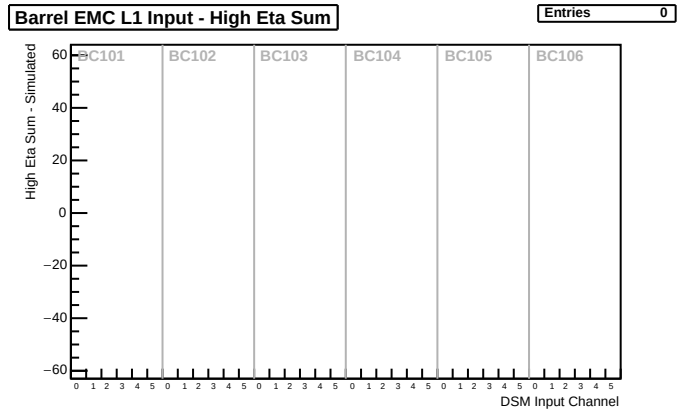

Endcap EMC L0 Input - High Tower
Entries 6.711712e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

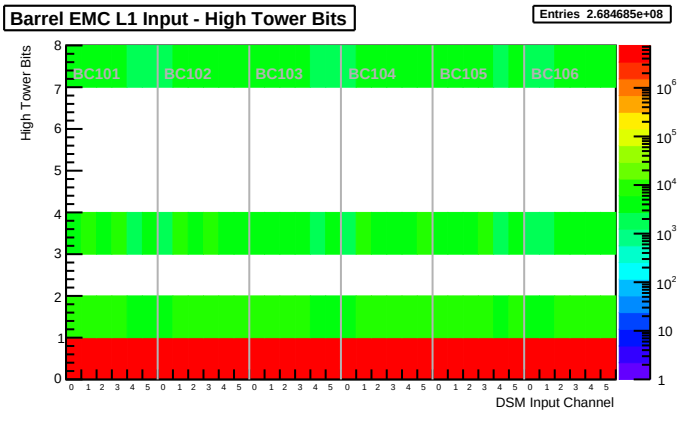

Endcap EMC L0 Input - Patch Sum
Entries 6.711712e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

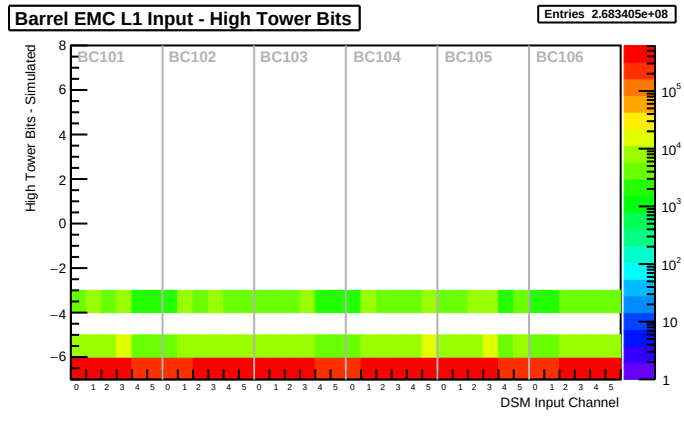

Barrel EMC L1 Input - Low Eta Sum
Entries 2.684685e+08
Low Eta Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

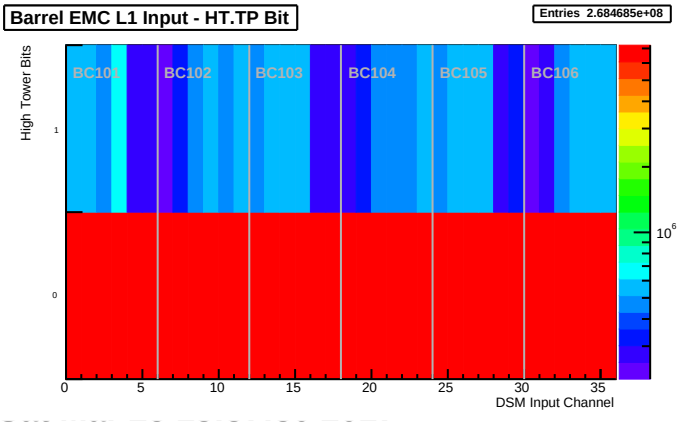

Barrel EMC L1 Input - Low Eta Sum
Entries 0
Low Eta Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

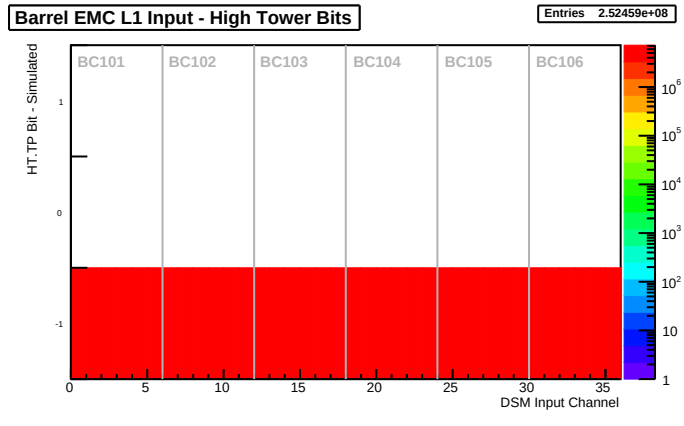

Barrel EMC L1 Input - High Eta Sum
Entries 2.684685e+08
High Eta Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

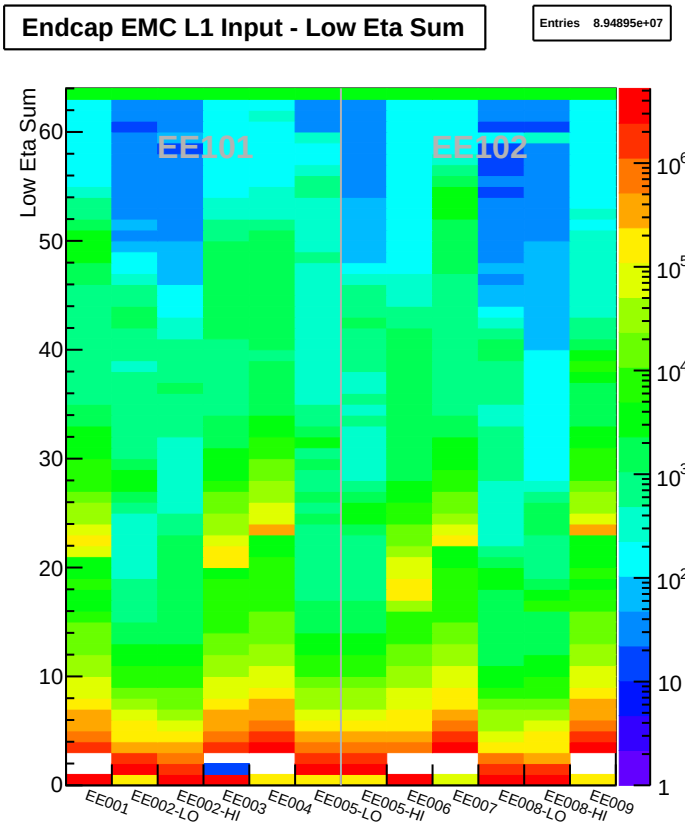

Barrel EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

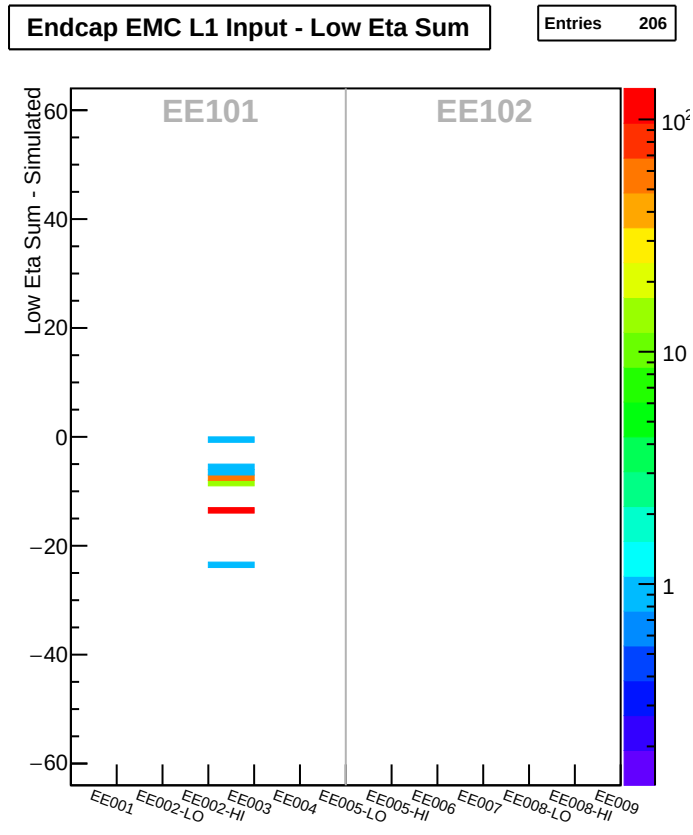

Barrel EMC L1 Input - High Tower Bits
Entries 2.684685e+08
High Tower Bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

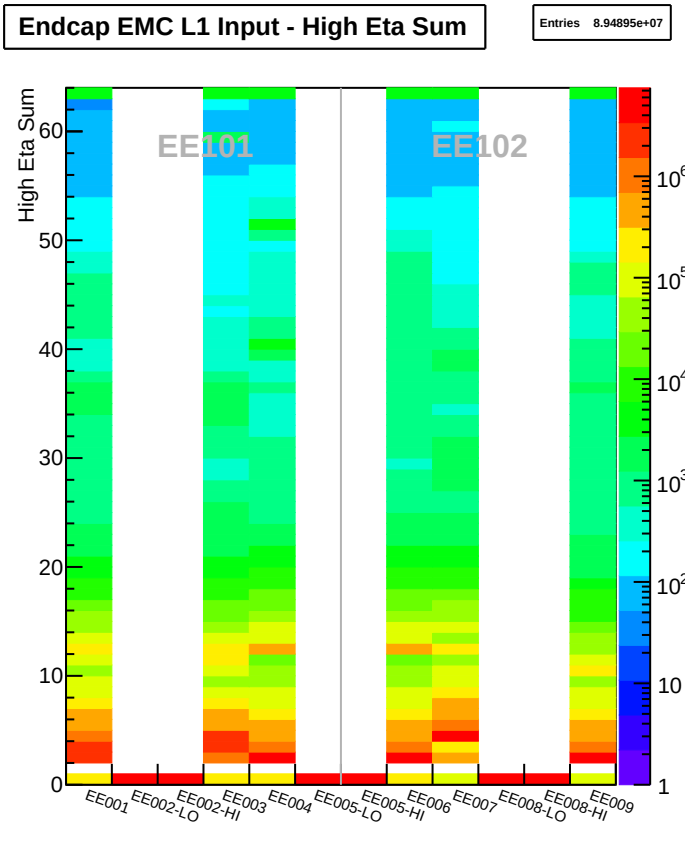

Barrel EMC L1 Input - High Tower Bits
Entries 2.683405e+08
High Tower Bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

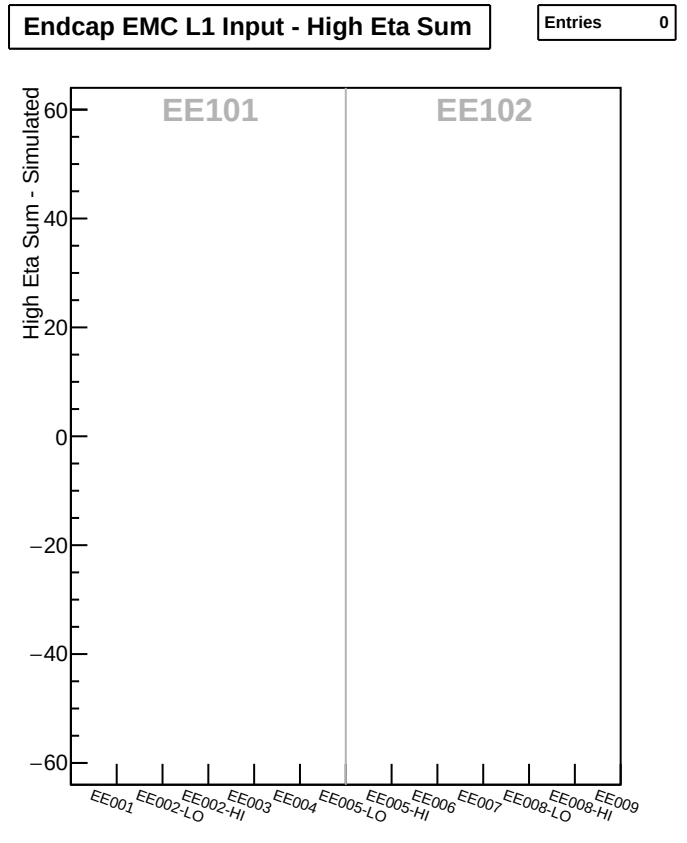

Barrel EMC L1 Input - HT.TP Bit
Entries 2.684685e+08
High Tower Bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

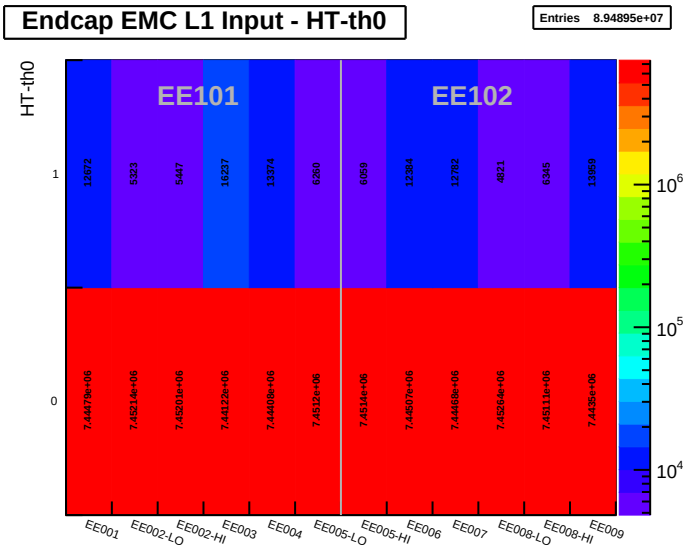

Barrel EMC L1 Input - High Tower Bits
Entries 2.52459e+08
HT.TP Bit - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

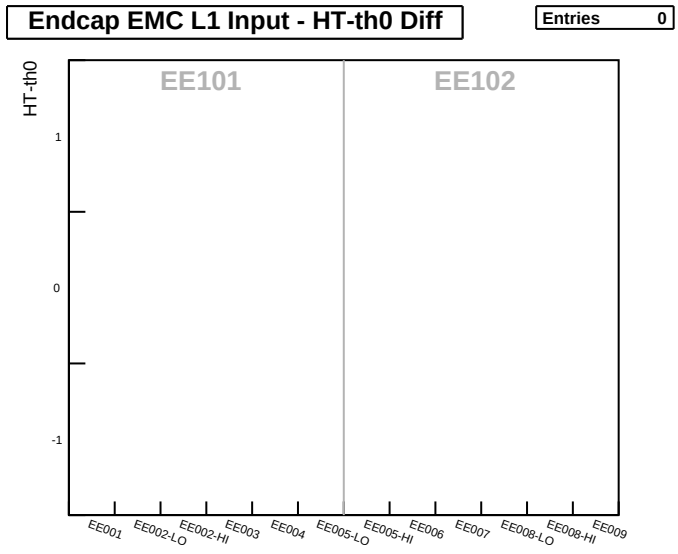

Endcap EMC L1 Input - Low Eta Sum
Entries 8.94895e+07
Low Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

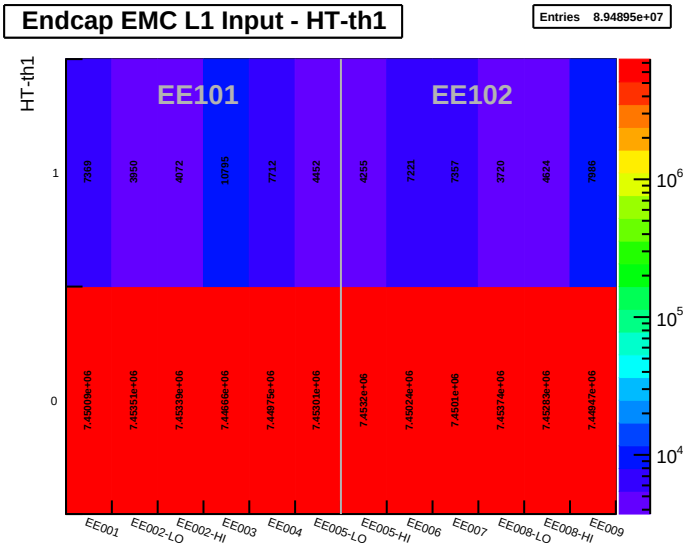

Endcap EMC L1 Input - Low Eta Sum
Entries 206
Low Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

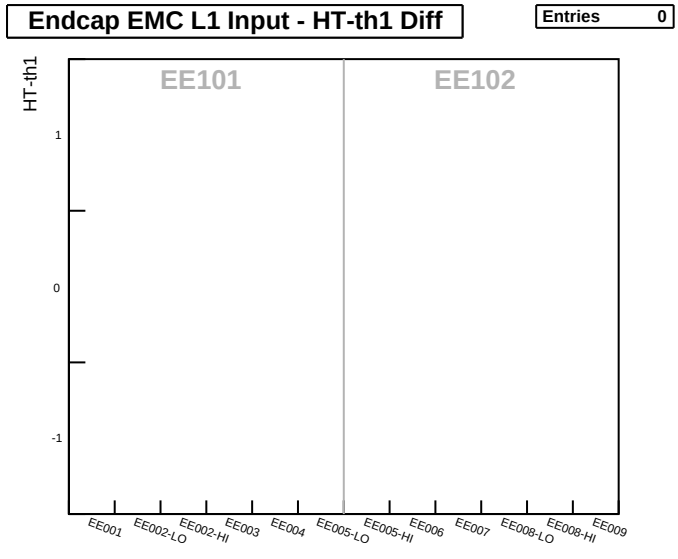

Endcap EMC L1 Input - High Eta Sum
Entries 8.94895e+07
High Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

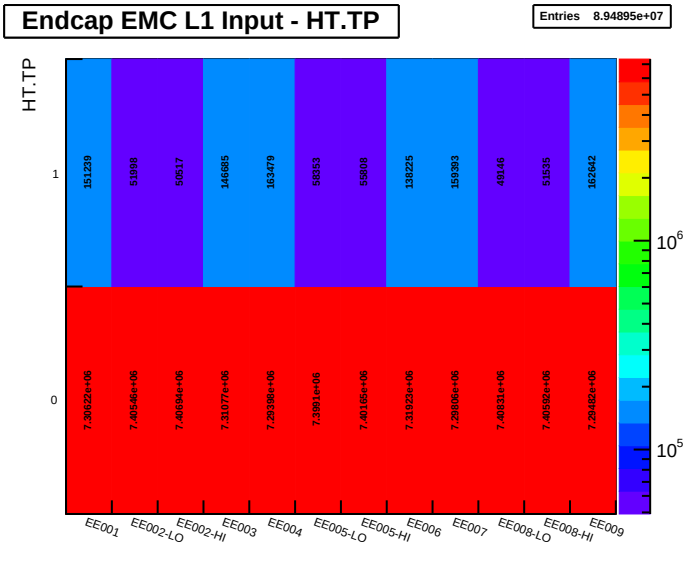

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

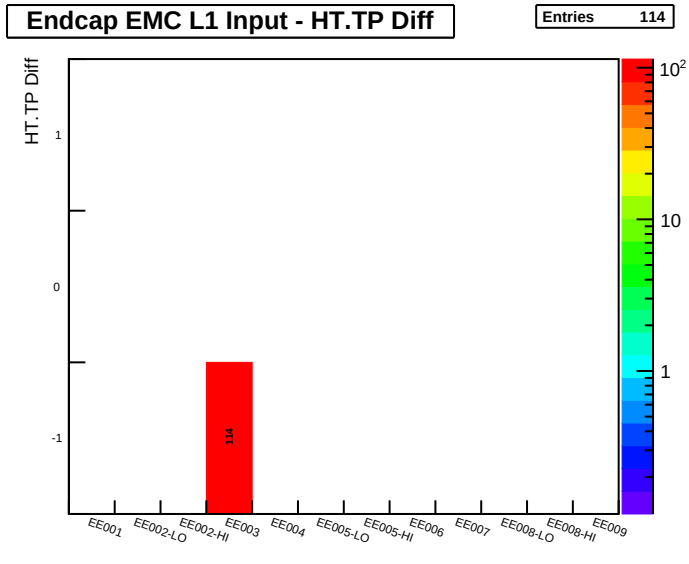

Endcap EMC L1 Input - HT-th0
Entries 8.94895e+07
HT-th0
EE101
EE102
12672 5323 5447 16237 13374 6260 6069 12384 12782 4921 6345 13959
7.44479e+06 7.45214e+06 7.45201e+06 7.44122e+06 7.44408e+06 7.4512e+06 7.4534e+06 7.45076e+06 7.44468e+06 7.45264e+06 7.45116e+06 7.4435e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

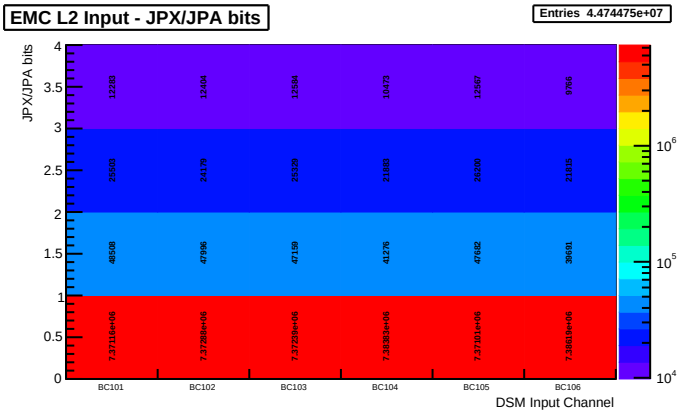

Endcap EMC L1 Input - HT-th0 Diff
Entries 0
HT-th0
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

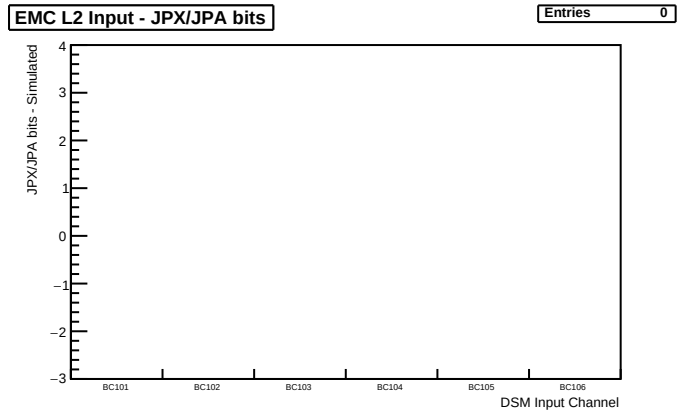

Endcap EMC L1 Input - HT-th1
Entries 8.94895e+07
HT-th1
EE101
EE102
7369 3950 4072 10795 7712 4452 4255 7221 7357 3720 4624 7986
7.45009e+06 7.45351e+06 7.45330e+06 7.44666e+06 7.44975e+06 7.45301e+06 7.4532e+06 7.45024e+06 7.4501e+06 7.45374e+06 7.45263e+06 7.44947e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

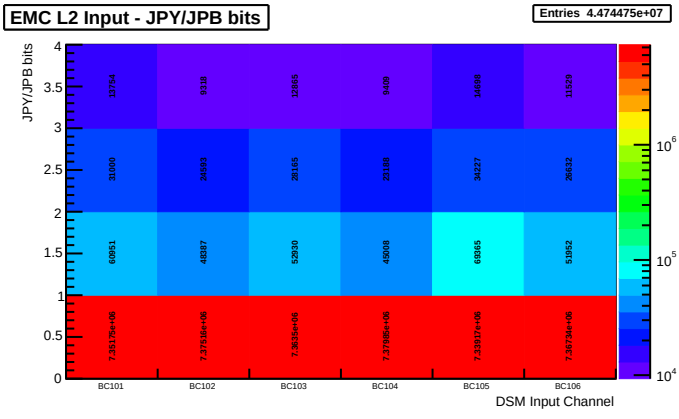

Endcap EMC L1 Input - HT-th1 Diff
Entries 0
HT-th1
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

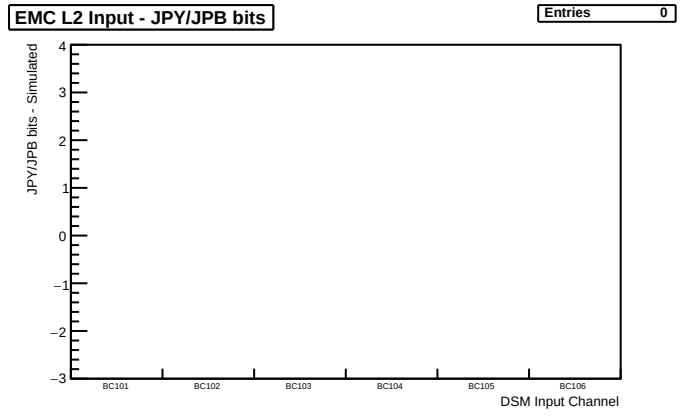

Endcap EMC L1 Input - HT.TP
Entries 8.94895e+07
HT.TP
151239 51998 50517 146685 163479 58353 55808 138225 159393 49146 51535 162642
7.30622e+06 7.40546e+06 7.40694e+06 7.31077e+06 7.29398e+06 7.3991e+06 7.40165e+06 7.31923e+06 7.29806e+06 7.40831e+06 7.40592e+06 7.29482e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

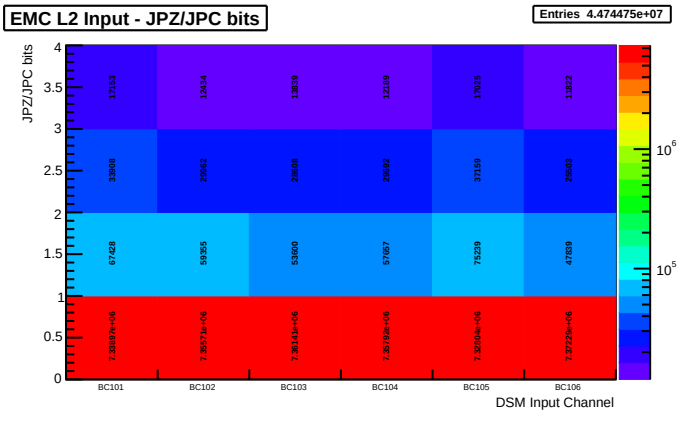

Endcap EMC L1 Input - HT.TP Diff
Entries 114
HT.TP Diff
114
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

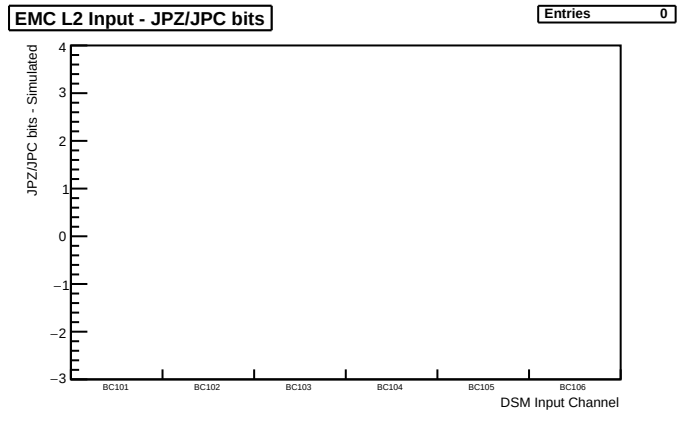

EMC L2 Input - JPX/JPA bits
Entries 4.474475e+07
JPX/JPA bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
12233
12404
12534
10473
12557
9766
25508
24179
25539
21883
26200
21815
48508
47996
47159
41276
47682
39691
7.37116e+06
7.37288e+06
7.37239e+06
7.38382e+06
7.37101e+06
7.38619e+06

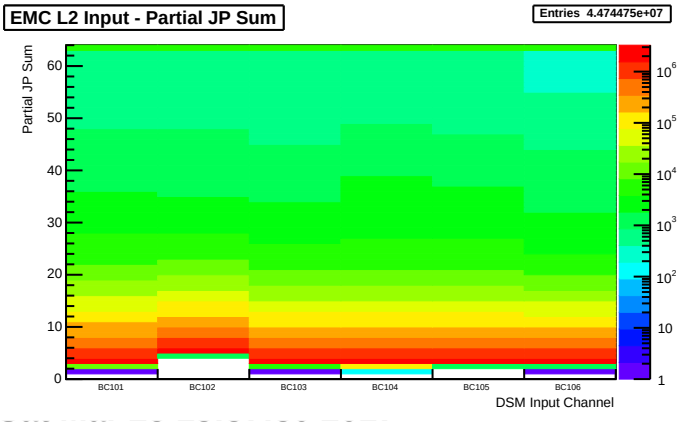

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

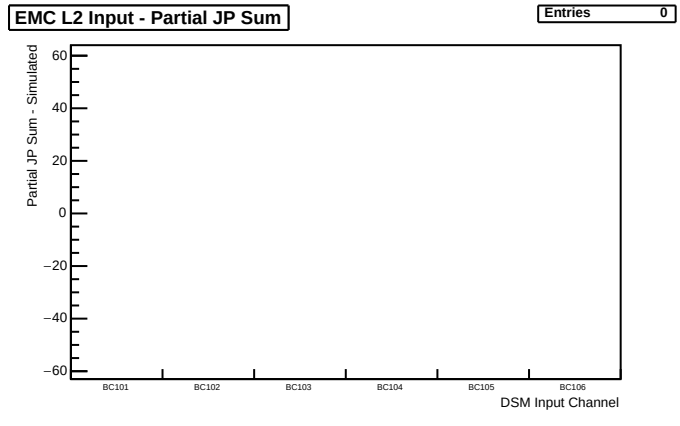

EMC L2 Input - JPY/JPB bits
Entries 4.474475e+07
JPY/JPB bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
13754
9316
12865
9409
16698
11529
31000
24593
26165
23188
34227
26632
60951
48387
52930
45008
69865
51952
7.35175e+06
7.37516e+06
7.36354e+06
7.37985e+06
7.33917e+06
7.36734e+06

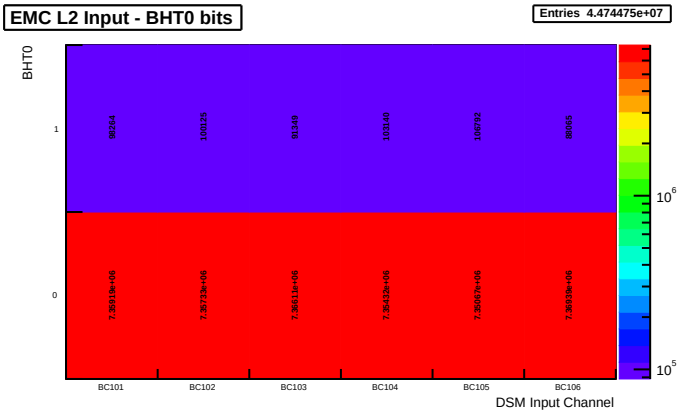

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

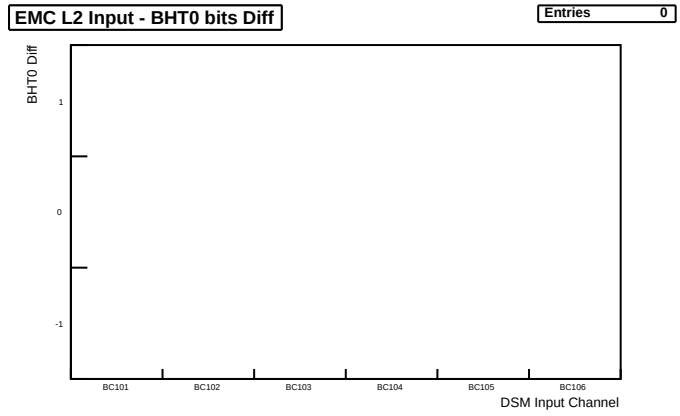

EMC L2 Input - JPZ/JPC bits
Entries 4.474475e+07
JPZ/JPC bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
17153
12434
13839
12189
17025
11822
33808
29862
28808
29932
37159
25603
67429
59355
53900
57657
75239
47839
7.33897e+06
7.35571e+06
7.36141e+06
7.35792e+06
7.32894e+06
7.37229e+06

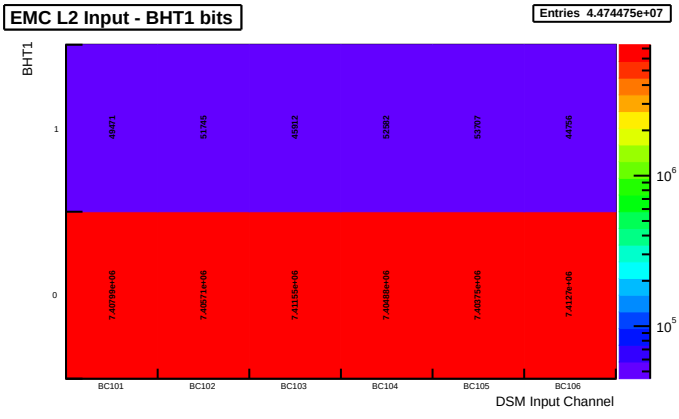

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

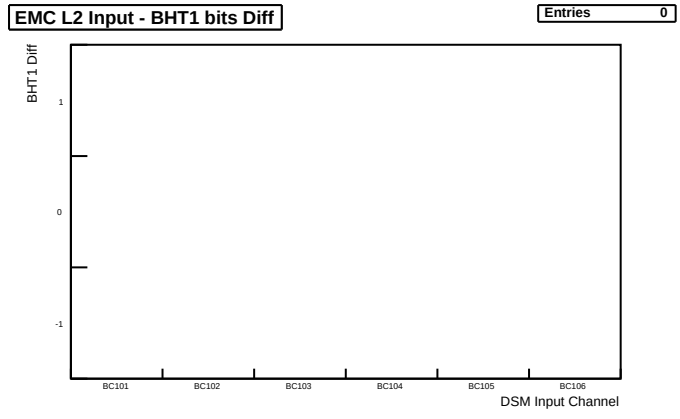

EMC L2 Input - Partial JP Sum
Entries 4.474475e+07
Partial JP Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

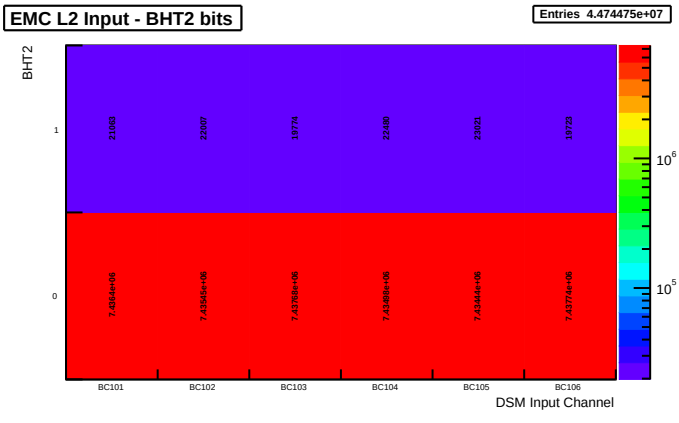

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

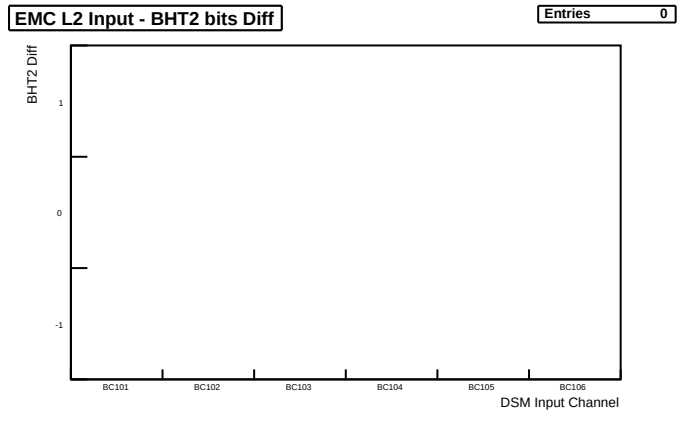

EMC L2 Input - BHT0 bits
Entries 4.474475e+07
BHT0
98254
100125
91349
103140
106792
88165
7.35919e+06
7.35733e+06
7.35611e+06
7.35432e+06
7.35067e+06
7.35039e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

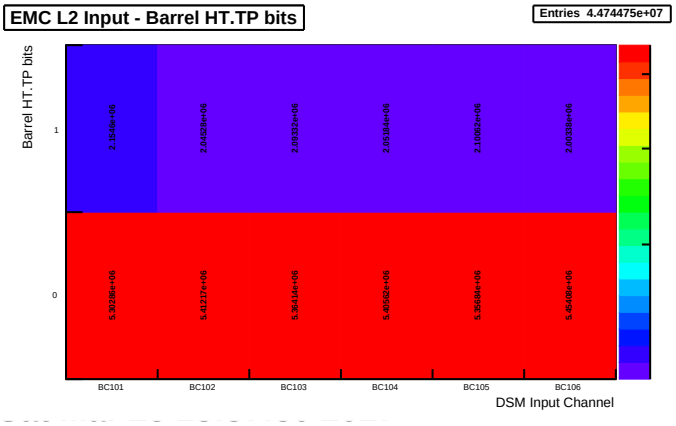

EMC L2 Input - BHT0 bits Diff
Entries 0
BHT0 Diff
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

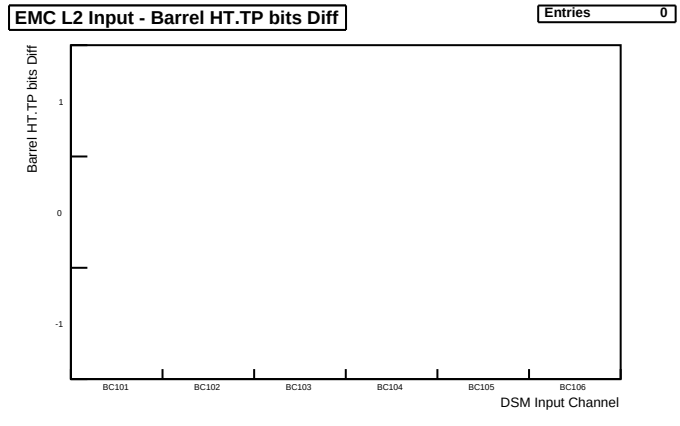

EMC L2 Input - BHT1 bits
Entries 4.474475e+07
BHT1
43471
51745
45912
52382
53707
44756
7.40799e+06
7.40971e+06
7.41155e+06
7.40989e+06
7.40975e+06
7.41276e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

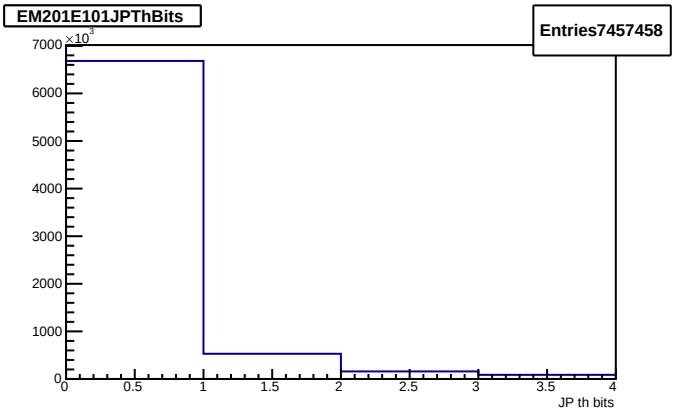

EMC L2 Input - BHT1 bits Diff
Entries 0
BHT1 Diff
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

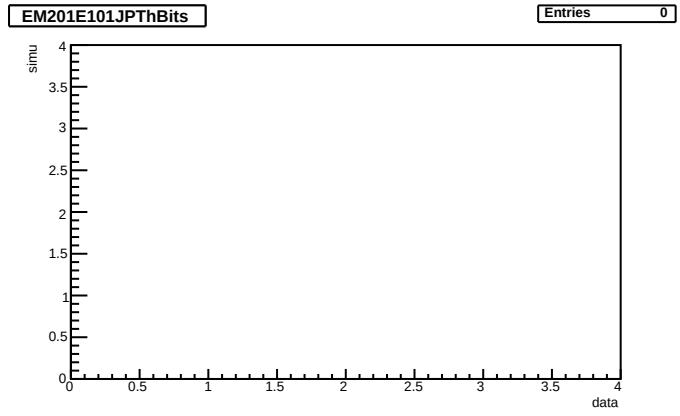

EMC L2 Input - BHT2 bits
Entries 4.474475e+07
BHT2
21563
22007
19774
22439
23921
19723
7.43844e+06
7.43455e+06
7.43768e+06
7.43488e+06
7.43444e+06
7.43774e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

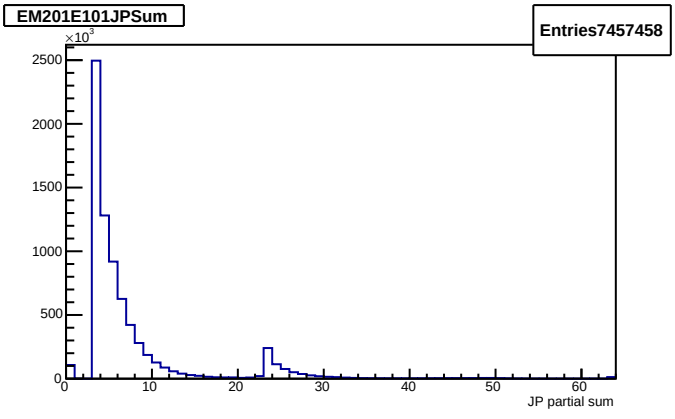

EMC L2 Input - BHT2 bits Diff
Entries 0
BHT2 Diff
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

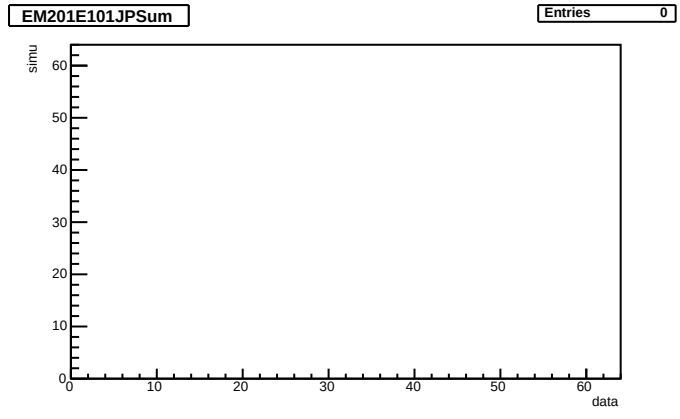

EMC L2 Input - Barrel HT.TP bits
Entries 4.474475e+07
Barrel HT.TP bits
2.15446e+06
2.04929e+06
2.05322e+06
2.05194e+06
2.10062e+06
2.00338e+06
5.30288e+06
5.41237e+06
5.36414e+06
5.40562e+06
5.35684e+06
5.45408e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

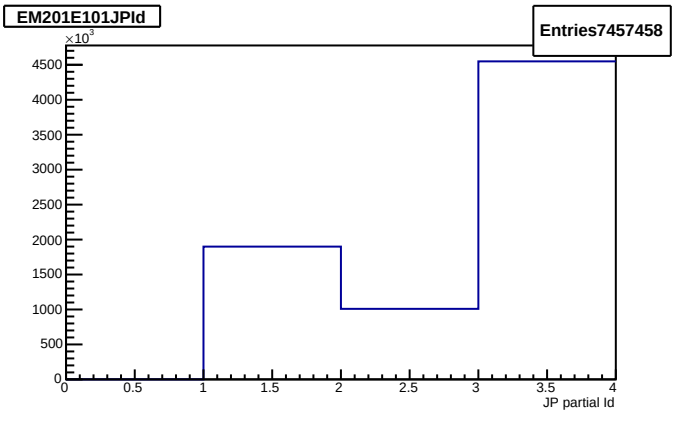

EMC L2 Input - Barrel HT.TP bits Diff
Entries 0
Barrel HT.TP bits Diff
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

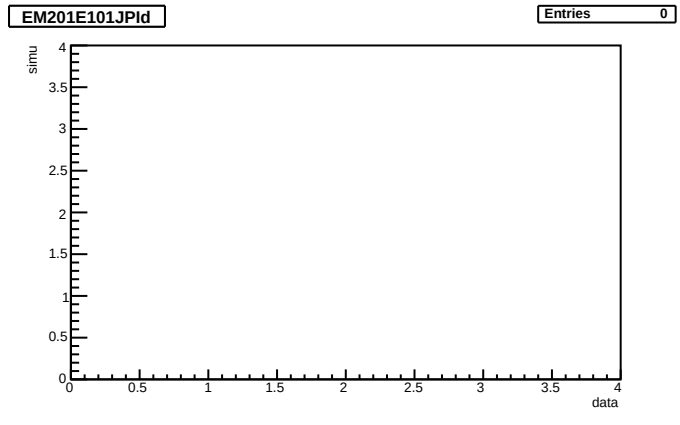

EM201E101JPThBits
Entries7457458
JP th bits

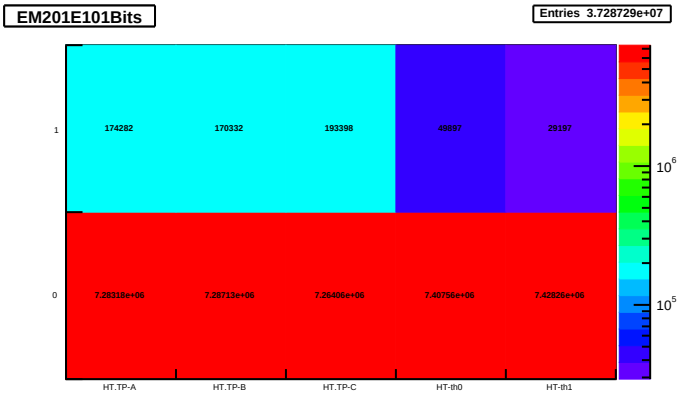

EM201E101JPThBits
Entries 0
simu
data

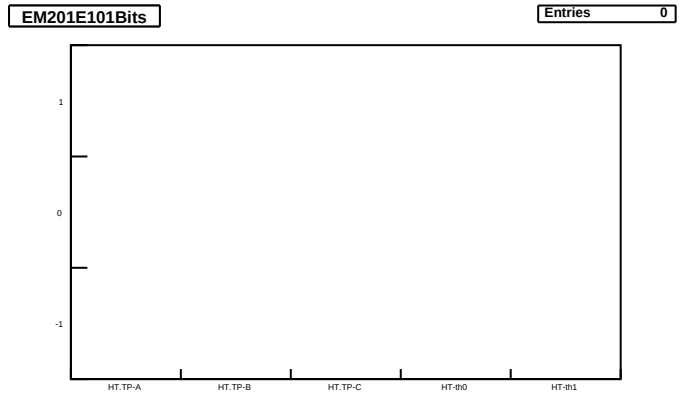

EM201E101JPSum
Entries7457458
JP partial sum

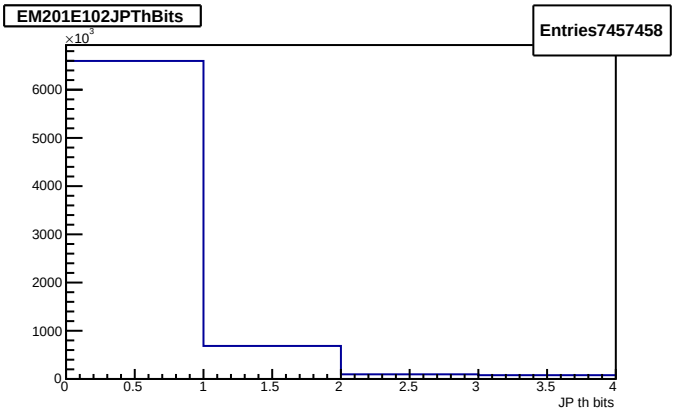

EM201E101JPSum
Entries 0
simu
data

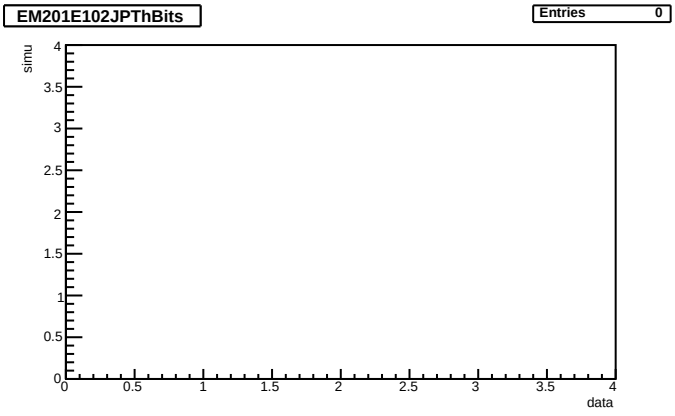

EM201E101JPId
Entries7457458
JP partial Id

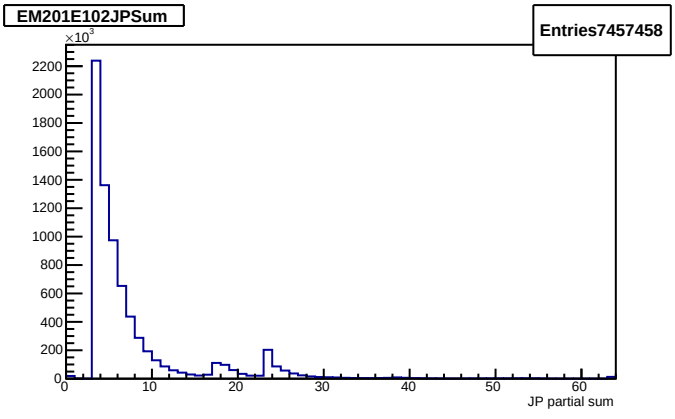

EM201E101JPId
Entries 0
simu
data

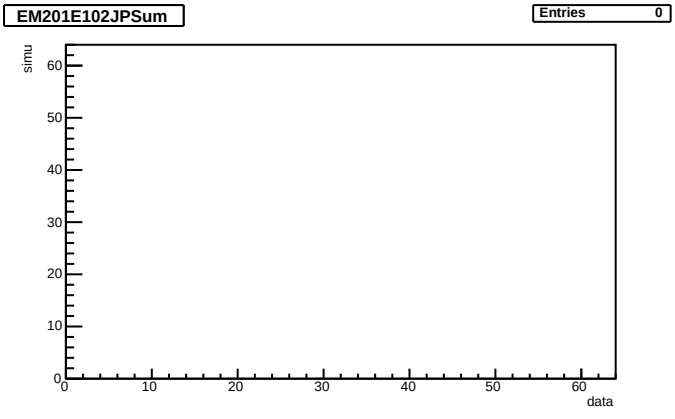

EM201E101Bits
Entries 3.728729e+07
174282
170332
193398
49897
28197
7.28318e+06
7.28713e+06
7.26406e+06
7.40756e+06
7.42826e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

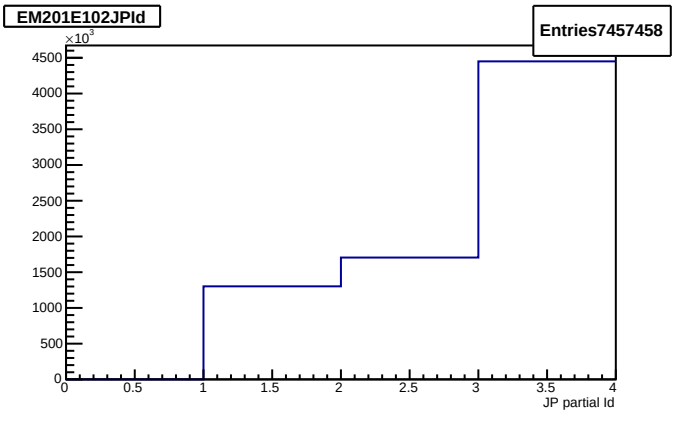

EM201E101Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

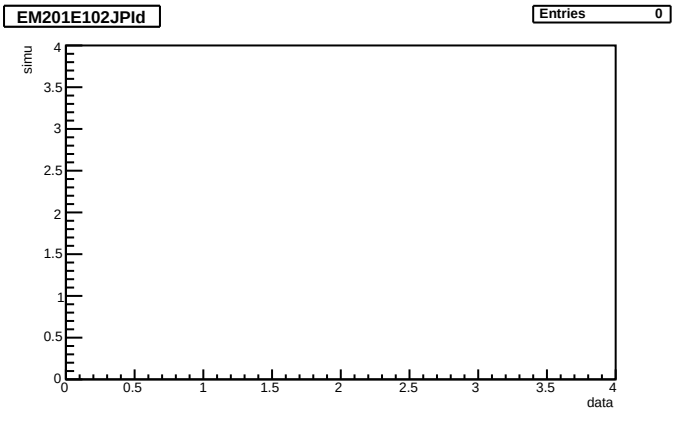

EM201E102JPThBits
Entries7457458
×10^3
JP th bits

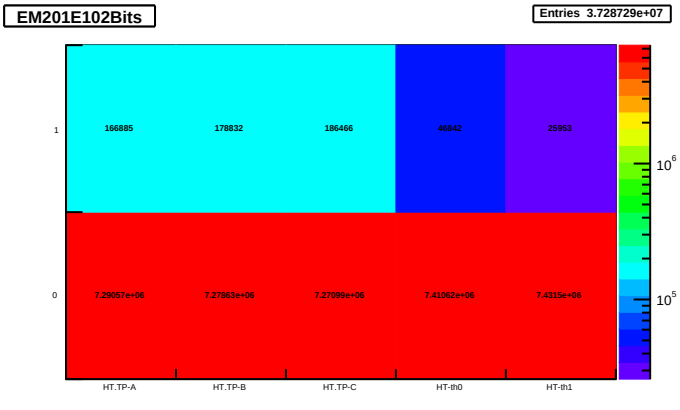

EM201E102JPThBits
Entries 0
simu
data

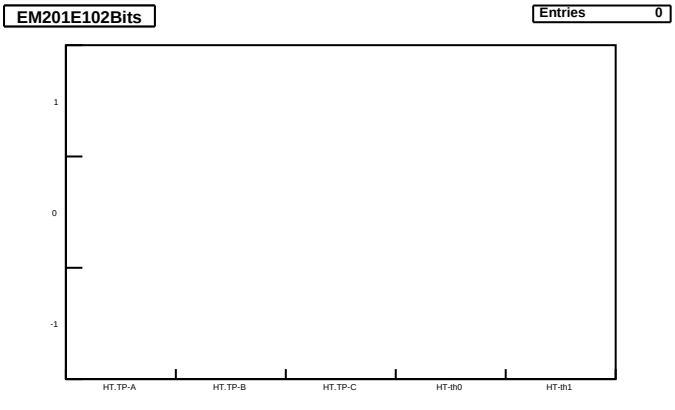

EM201E102JPSum
Entries7457458
×10^3
JP partial sum

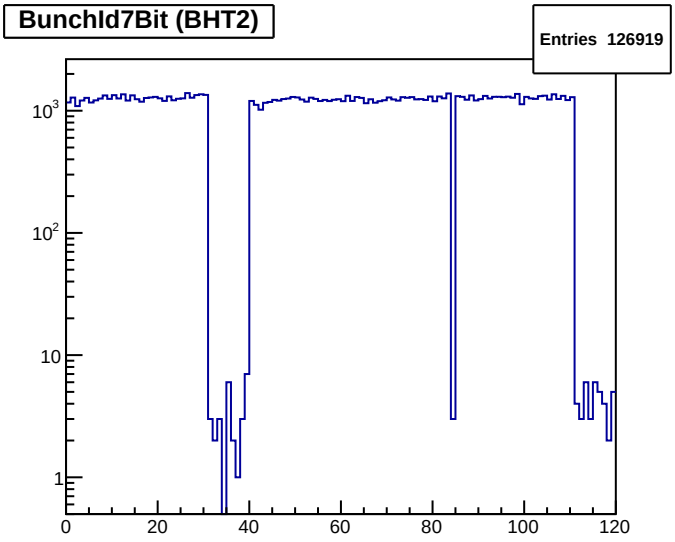

EM201E102JPSum
Entries 0
simu
data

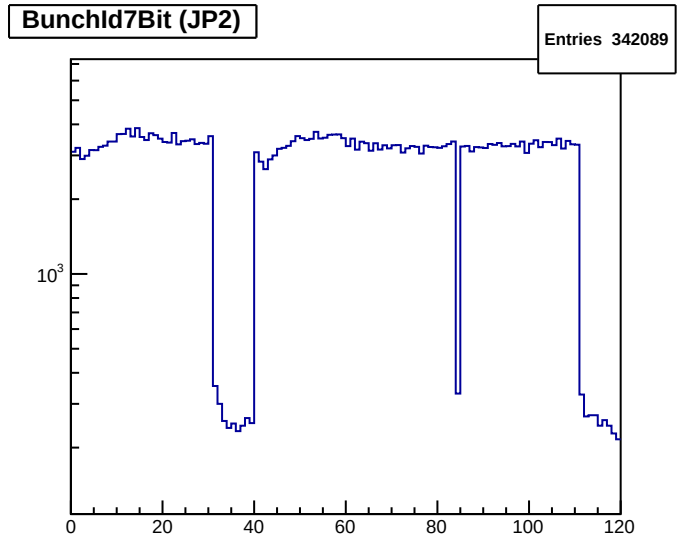

EM201E102JPId
Entries7457458
×10^3
JP partial Id

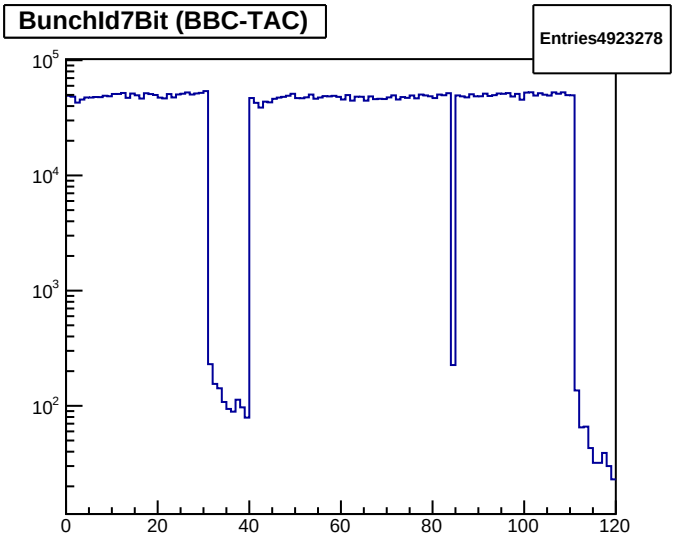

EM201E102JPId
Entries 0
simu
data

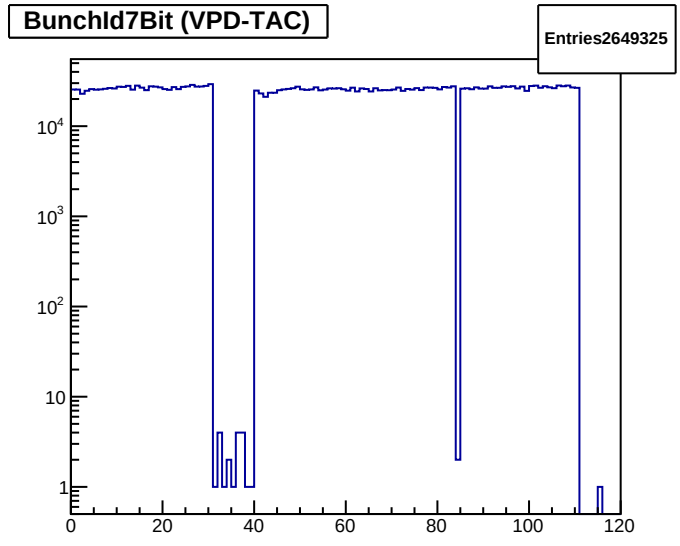

EM201E102Bits
Entries 3.728729e+07
166885
178832
186466
40842
25953
7.29057e+06
7.27863e+06
7.27099e+06
7.41062e+06
7.4315e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

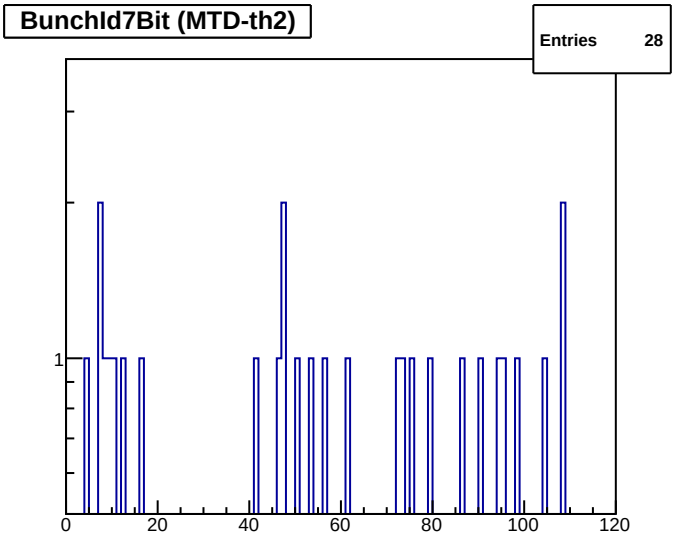

EM201E102Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

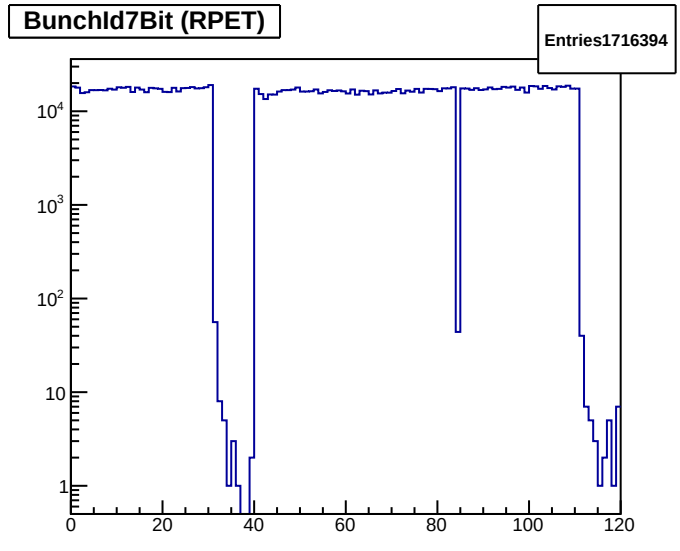

BunchId7Bit (BHT2)
Entries 126919
10^3
10^2
10
1
0
20
40
60
80
100
120

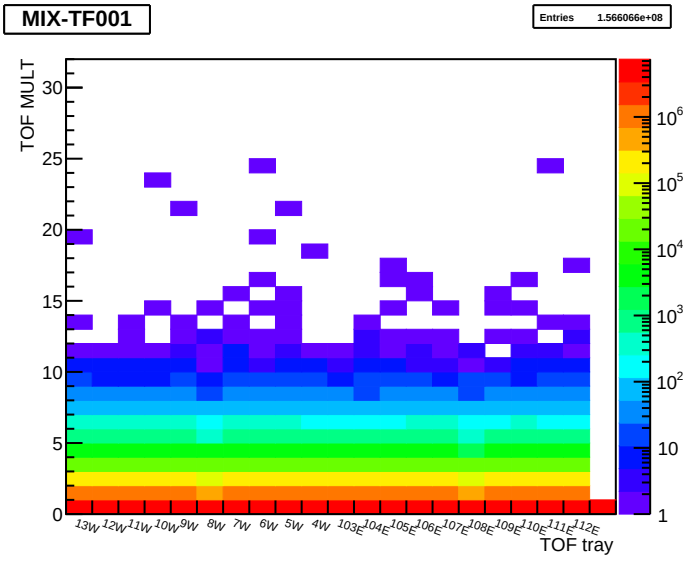

BunchId7Bit (JP2)
Entries 342089
10^3
0
20
40
60
80
100
120

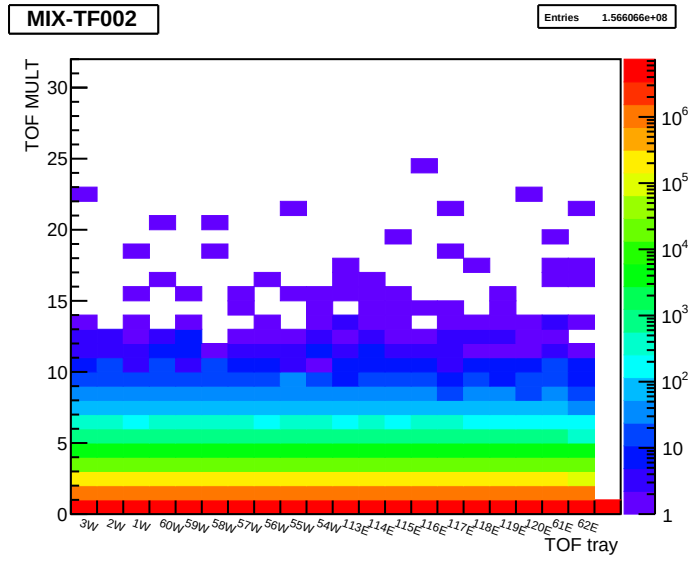

BunchId7Bit (BBC-TAC)
Entries4923278
10^5
10^4
10^3
10^2
0
20
40
60
80
100
120

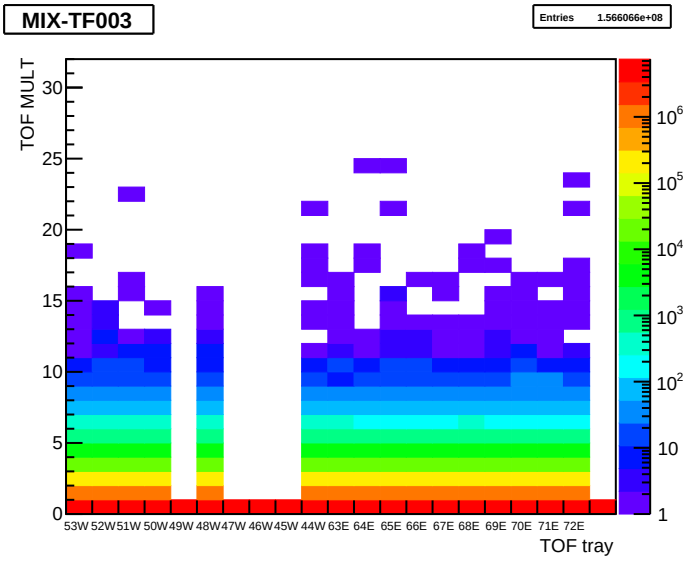

BunchId7Bit (VPD-TAC)
Entries2649325
10^4
10^3
10^2
10
1
0
20
40
60
80
100
120

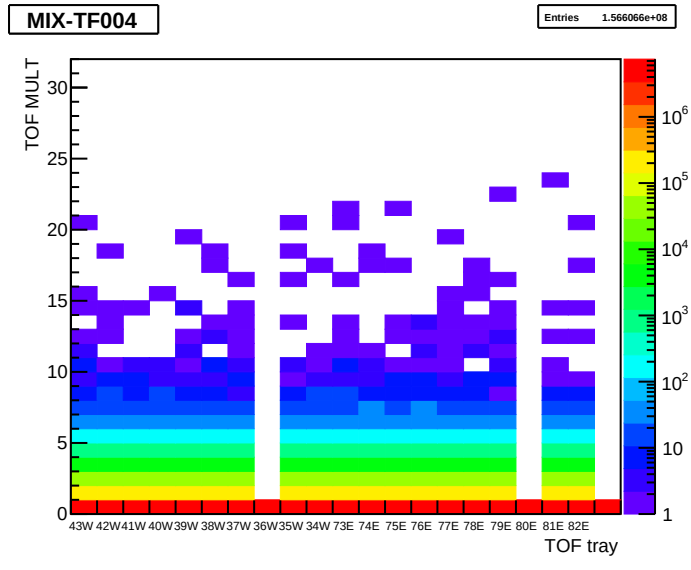

BunchId7Bit (MTD-th2)
Entries 28
1
0
20
40
60
80
100
120

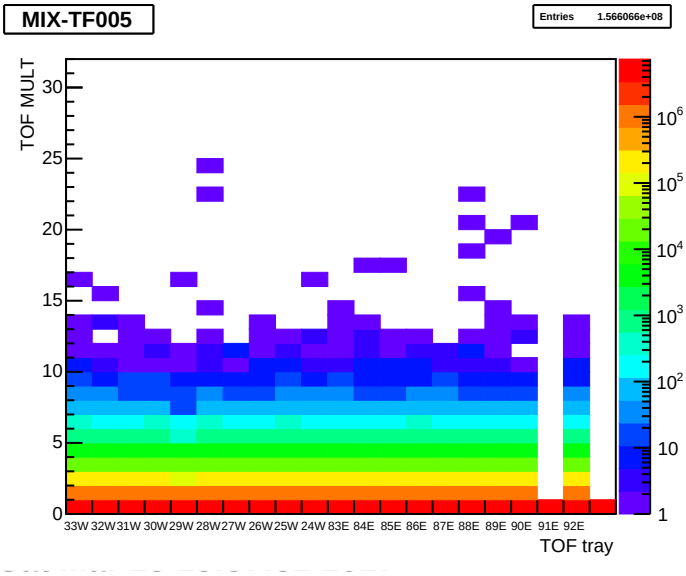

BunchId7Bit (RPET)
Entries1716394
10^4
10^3
10^2
10
1
0
20
40
60
80
100
120

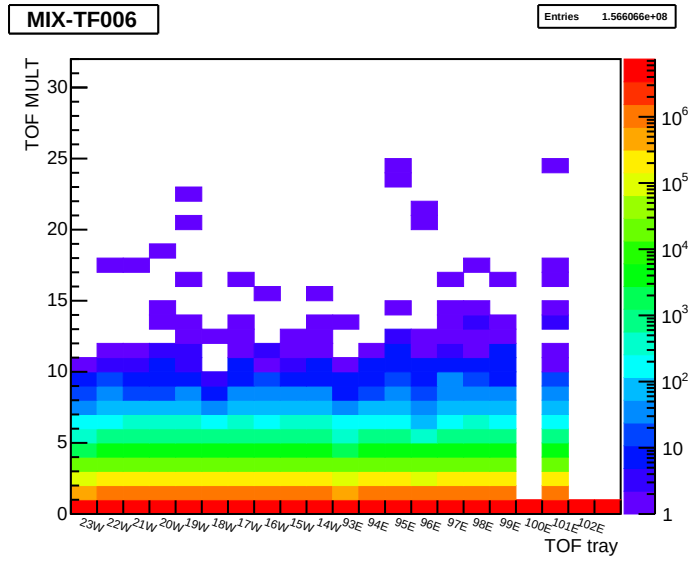

MIX-TF001
Entries 1.566066e+08
TOF MULT
TOF tray

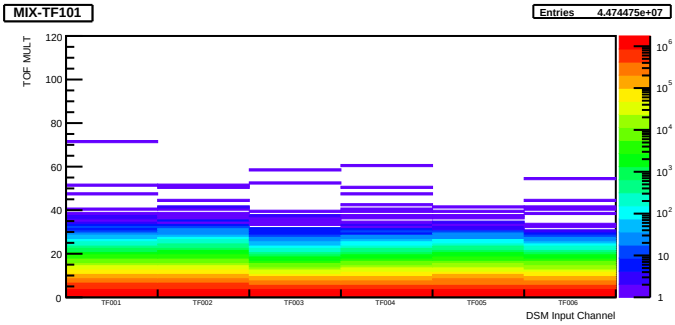

MIX-TF002
Entries 1.566066e+08
TOF MULT
TOF tray

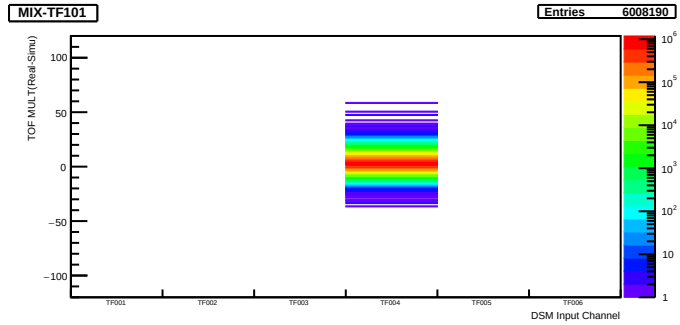

MIX-TF003
Entries 1.566066e+08
TOF MULT
TOF tray

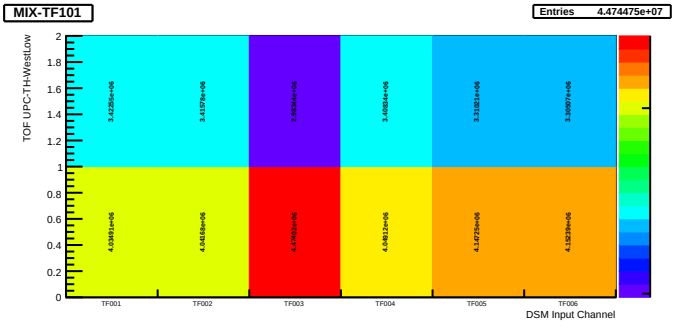

MIX-TF004
Entries 1.566066e+08
TOF MULT
TOF tray

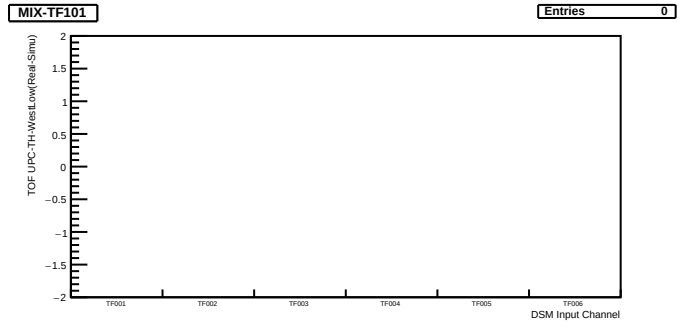

MIX-TF005
Entries 1.566066e+08
TOF MULT
TOF tray

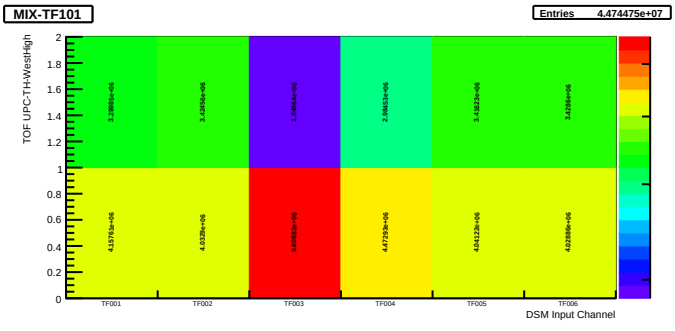

MIX-TF006
Entries 1.566066e+08
TOF MULT
TOF tray

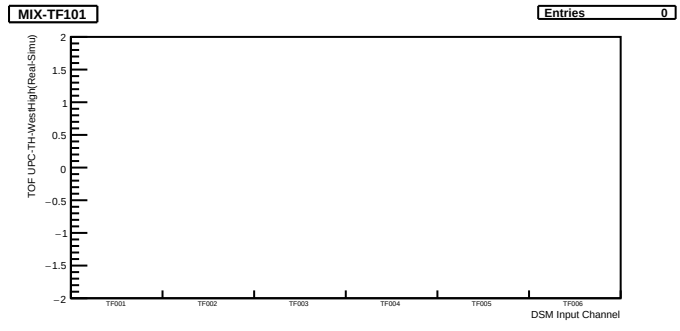

MIX-TF101
Entries 4.474475e+07
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

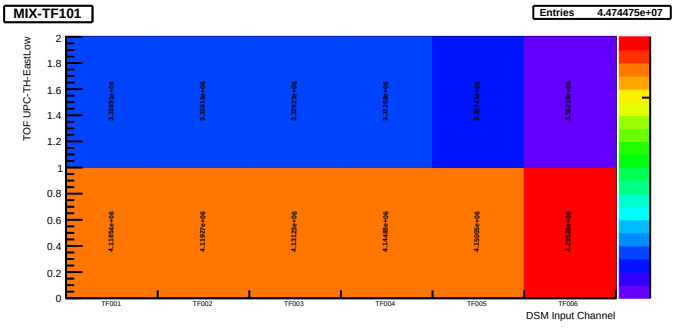

MIX-TF101
Entries 6008190
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

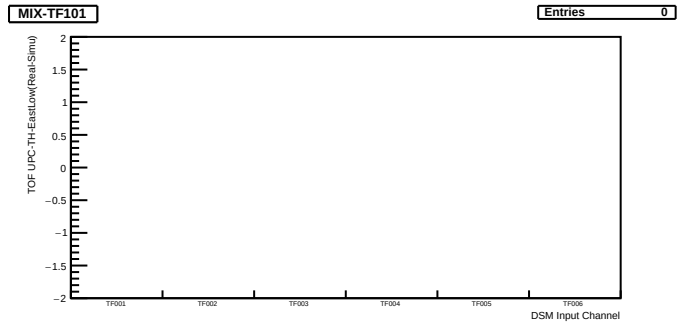

MIX-TF101
Entries 4.474475e+07
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

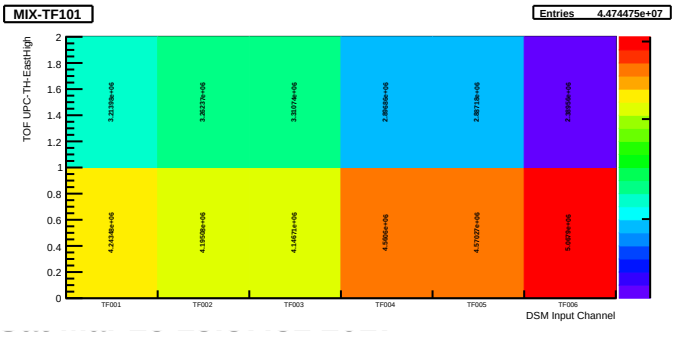

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

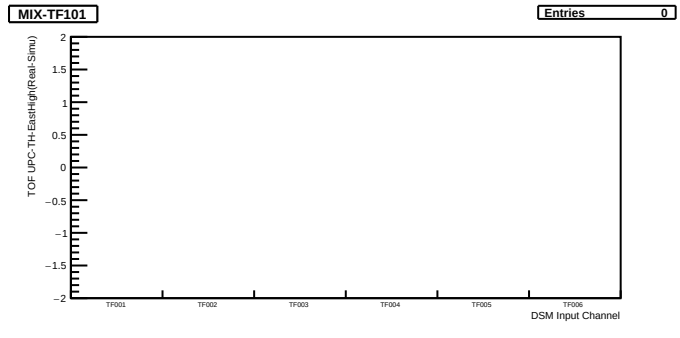

MIX-TF101
Entries 4.474475e+07
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

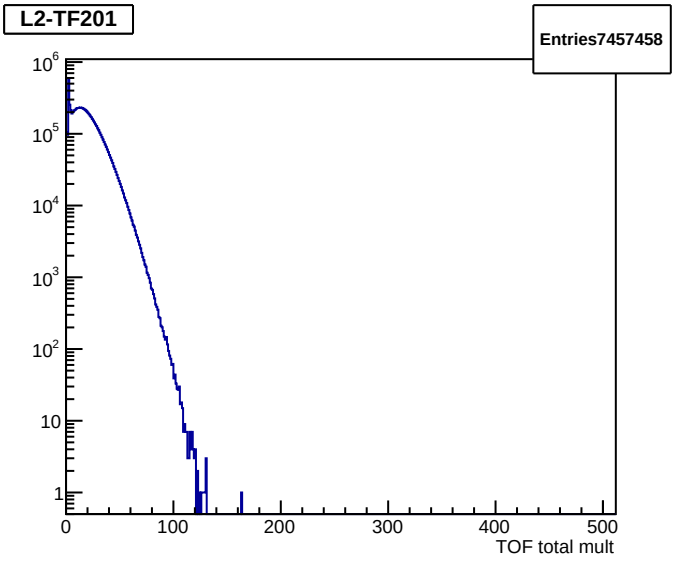

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

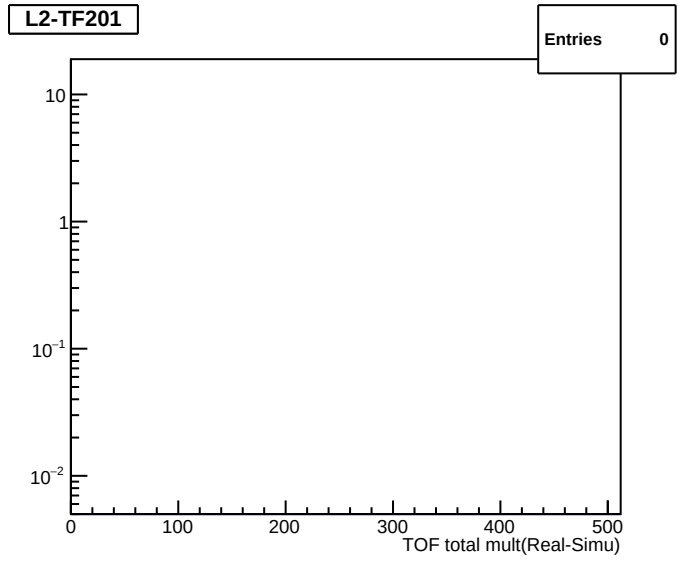

MIX-TF101
Entries 4.474475e+07
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

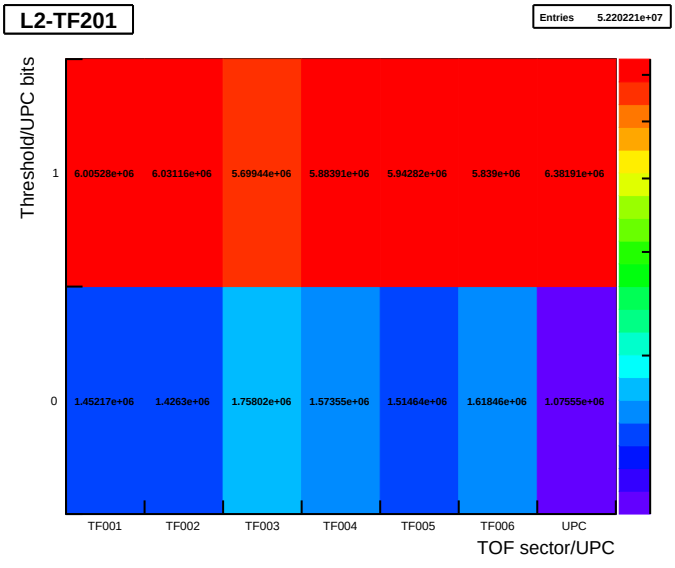

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

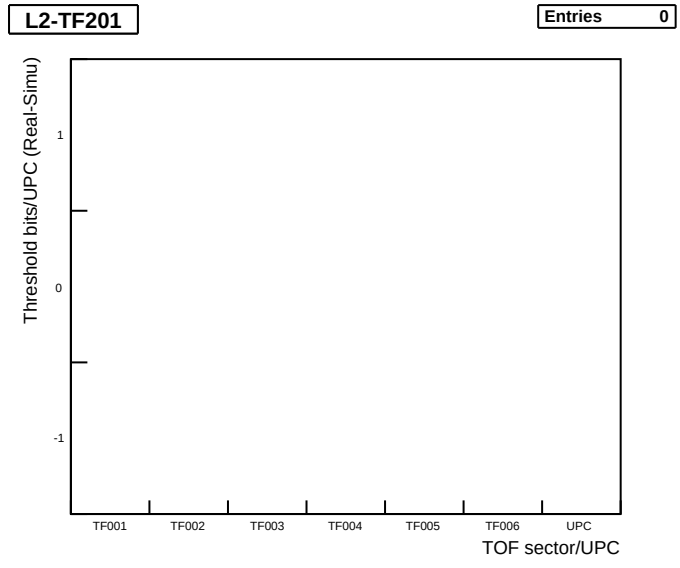

MIX-TF101
Entries 4.474475e+07
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

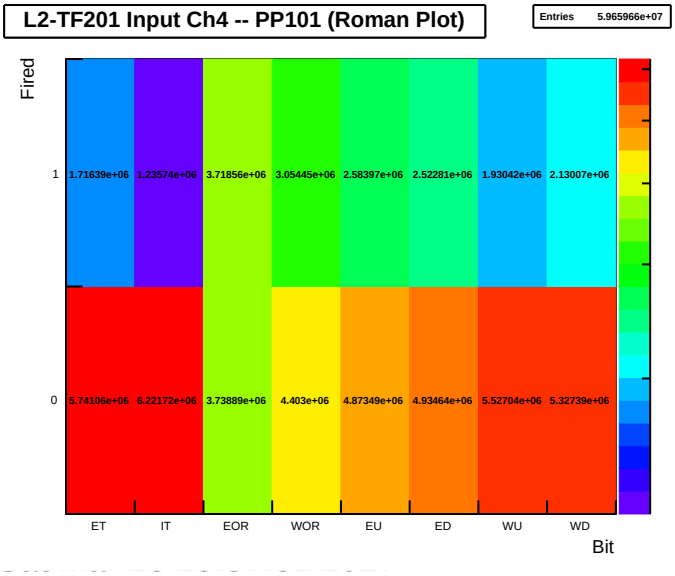

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

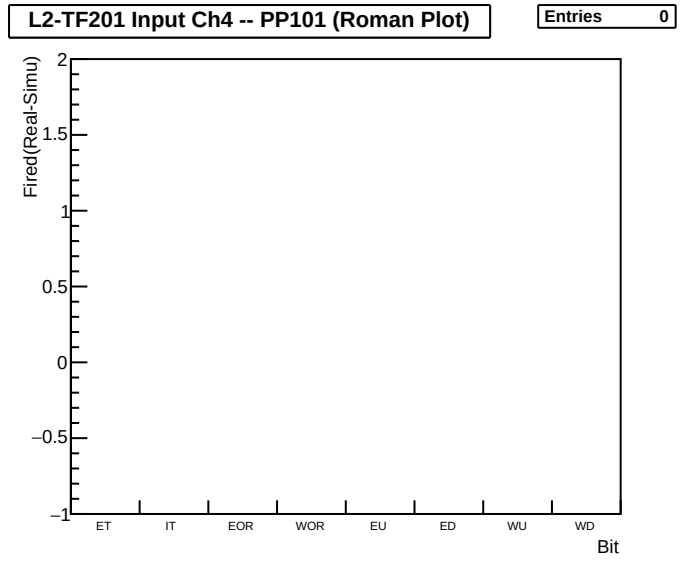

L2-TF201
Entries7457458
TOF total mult

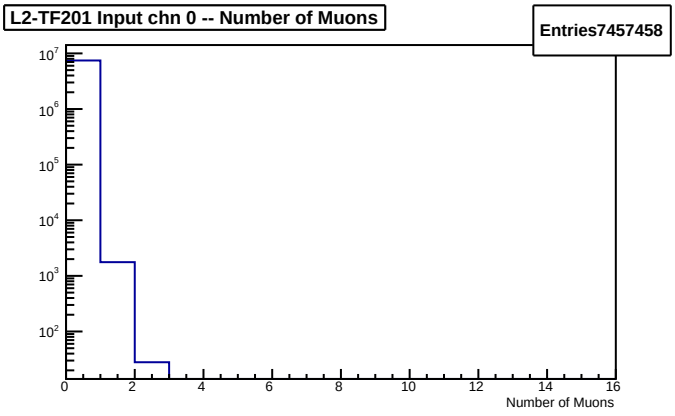

L2-TF201
Entries 0
TOF total mult(Real-Simu)

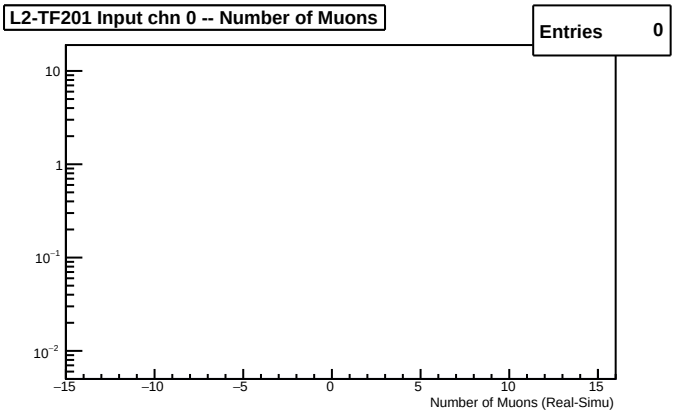

L2-TF201
Entries 5.220221e+07
Threshold/UPC bits
6.00528e+06
6.03116e+06
5.69944e+06
5.88391e+06
5.94282e+06
5.839e+06
6.38191e+06
1.45217e+06
1.4263e+06
1.75802e+06
1.57355e+06
1.51464e+06
1.61846e+06
1.07555e+06
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

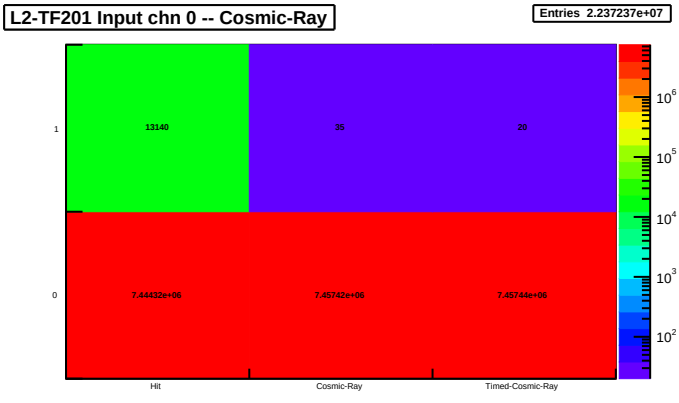

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

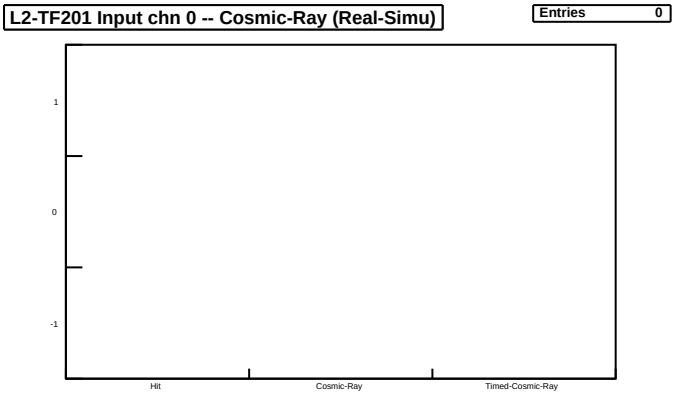

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 5.965966e+07
Fired
1.71639e+06
1.23574e+06
3.71856e+06
3.05445e+06
2.58397e+06
2.52281e+06
1.93042e+06
2.13007e+06
5.74106e+06
6.22172e+06
3.73889e+06
4.403e+06
4.87349e+06
4.93464e+06
5.52704e+06
5.32739e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

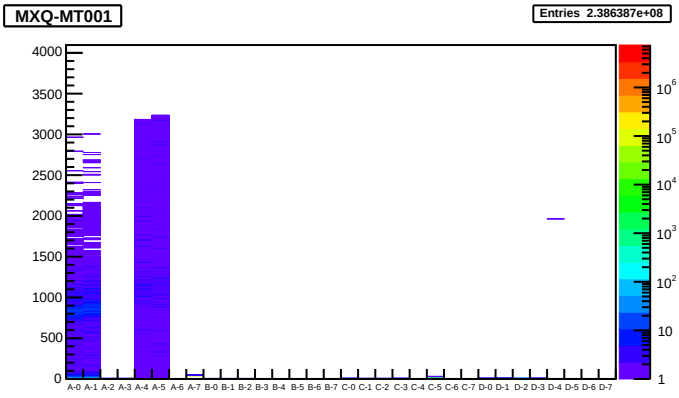

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

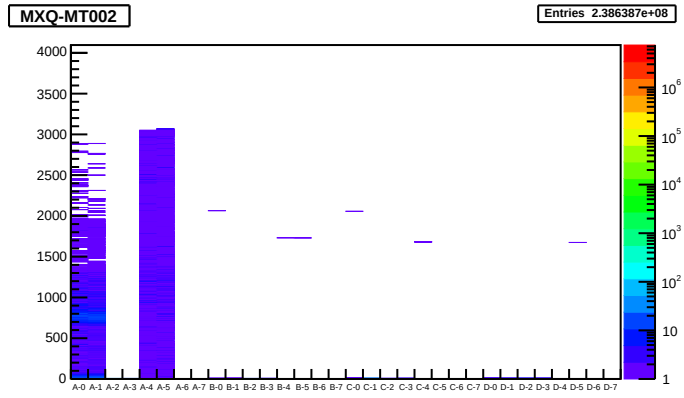

L2-TF201 Input chn 0 -- Number of Muons
Entries7457458
Number of Muons

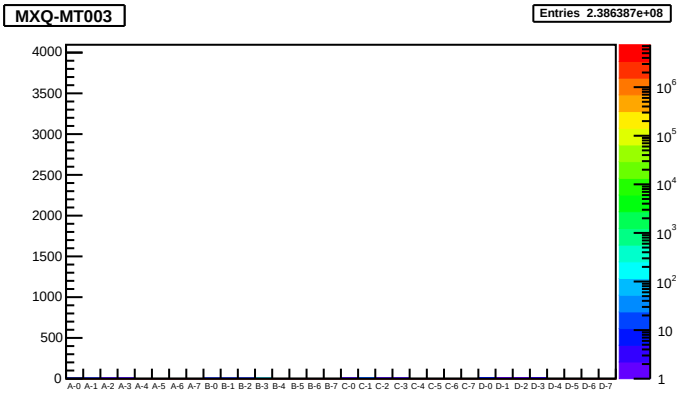

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

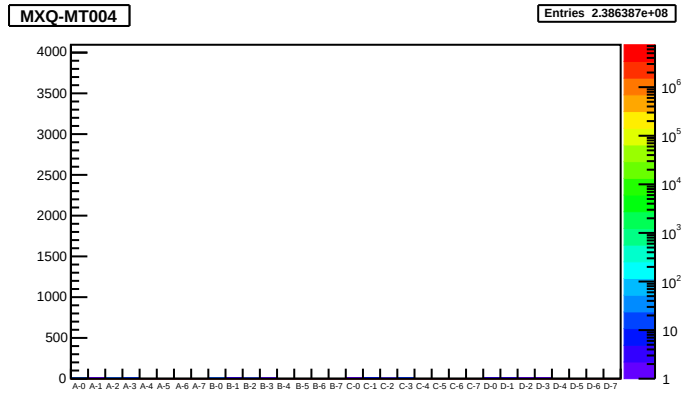

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 2.237237e+07
13140
35
20
7.44432e+06
7.45742e+06
7.45744e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

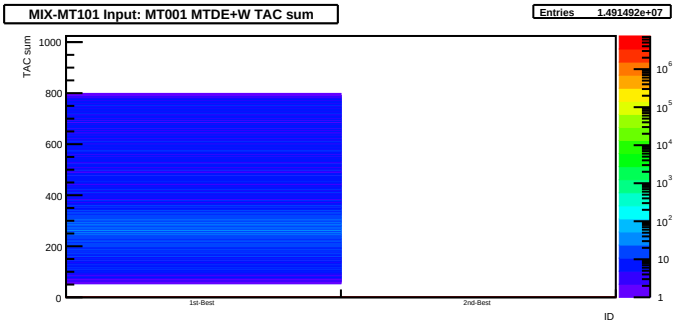

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

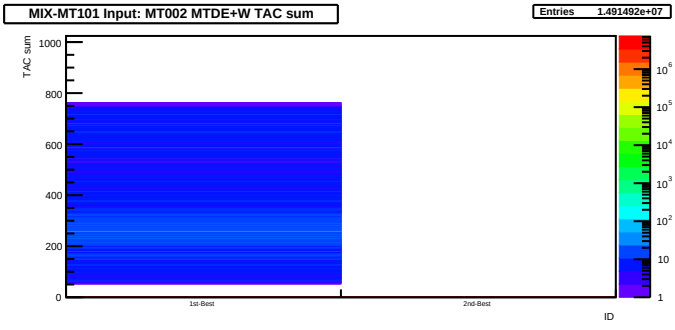

MXQ-MT001
Entries 2.386387e+08

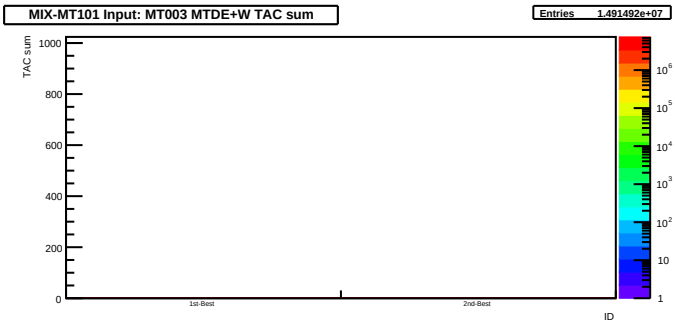

MXQ-MT002
Entries 2.386387e+08

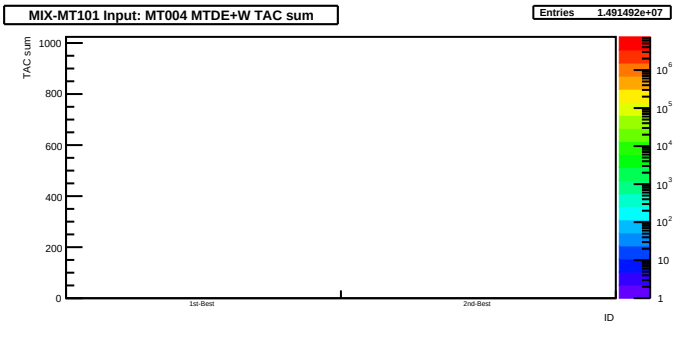

MXQ-MT003
Entries 2.386387e+08

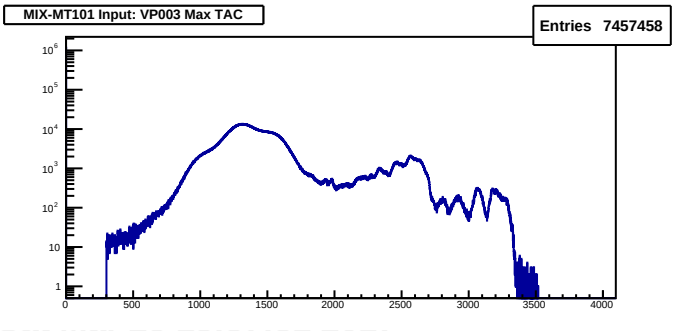

MXQ-MT004
Entries 2.386387e+08

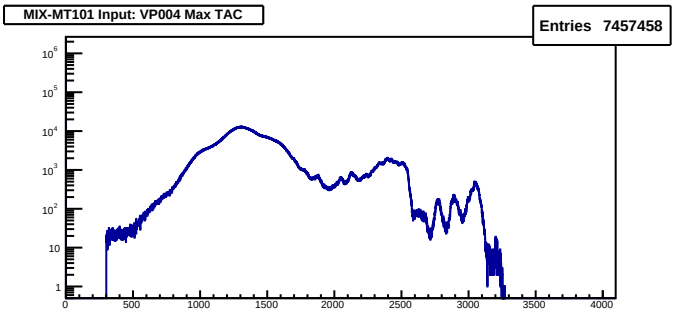

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 1.491492e+07
TAC sum
1st-Best
2nd-Best
ID

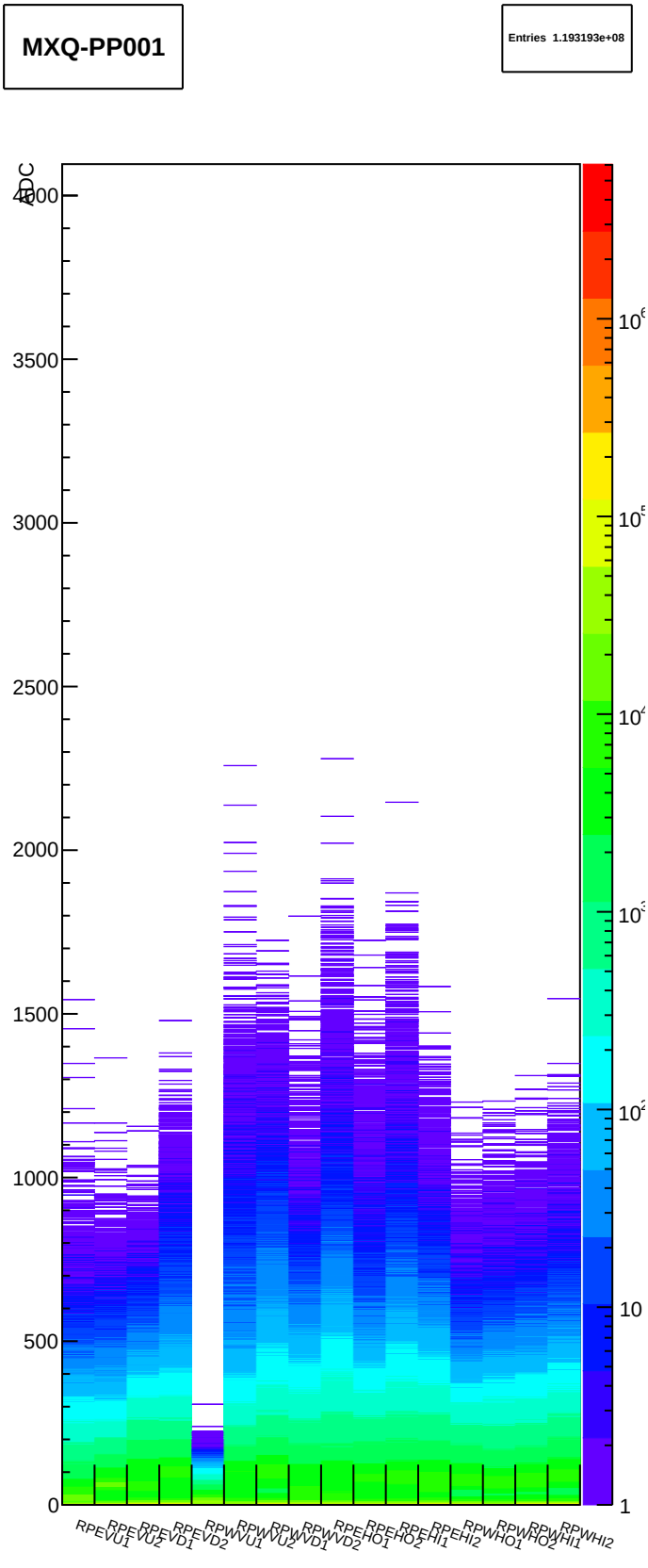

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 1.491492e+07
TAC sum
1st-Best
2nd-Best
ID

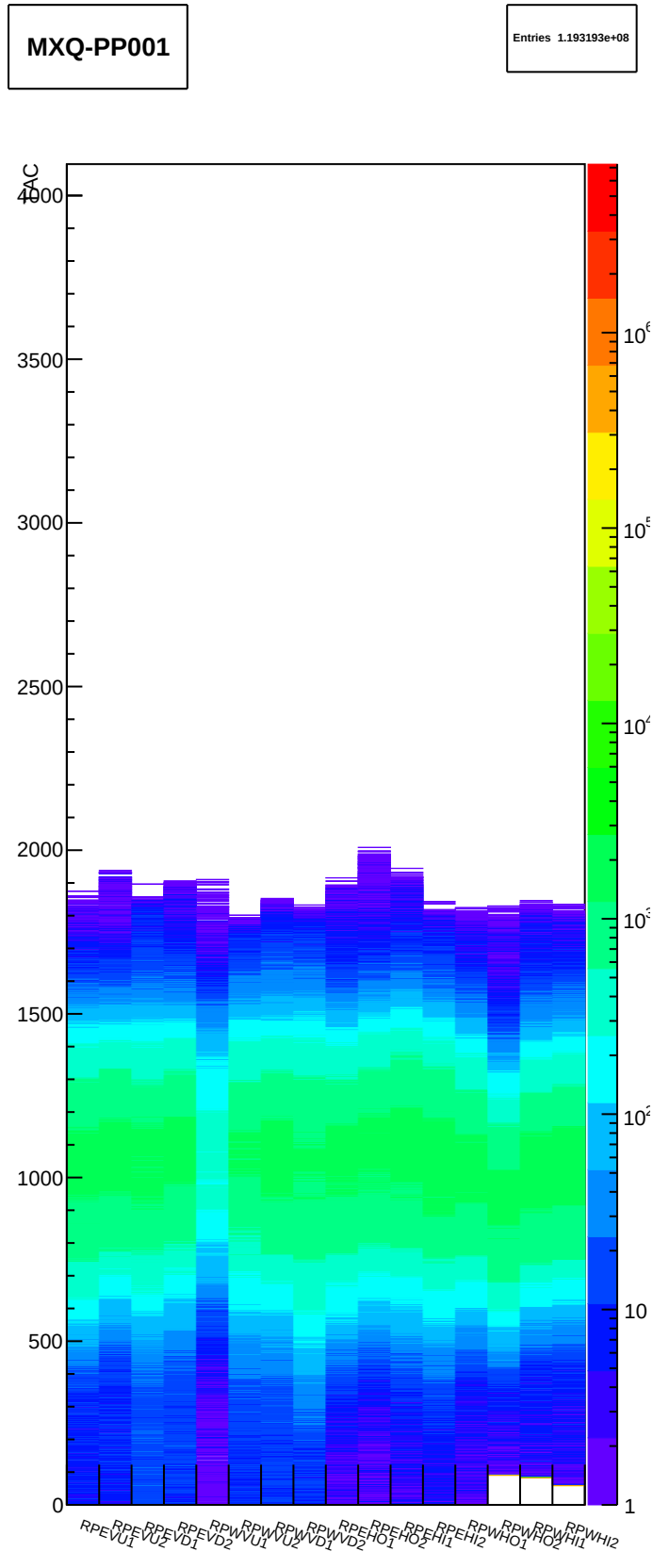

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 1.491492e+07
TAC sum
1st-Best
2nd-Best
ID

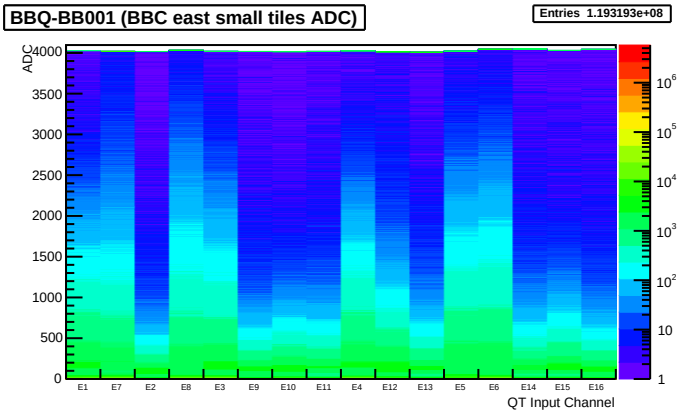

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 1.491492e+07
TAC sum
1st-Best
2nd-Best
ID

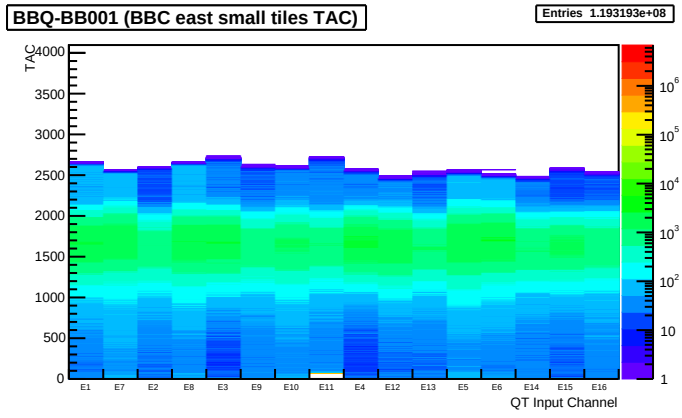

MIX-MT101 Input: VP003 Max TAC
Entries 7457458

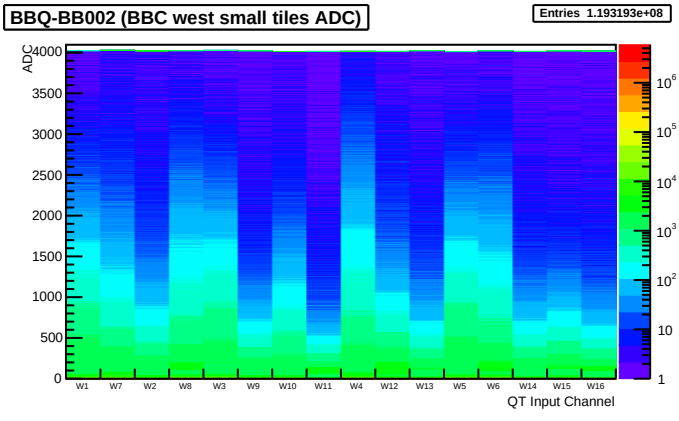

MIX-MT101 Input: VP004 Max TAC
Entries 7457458

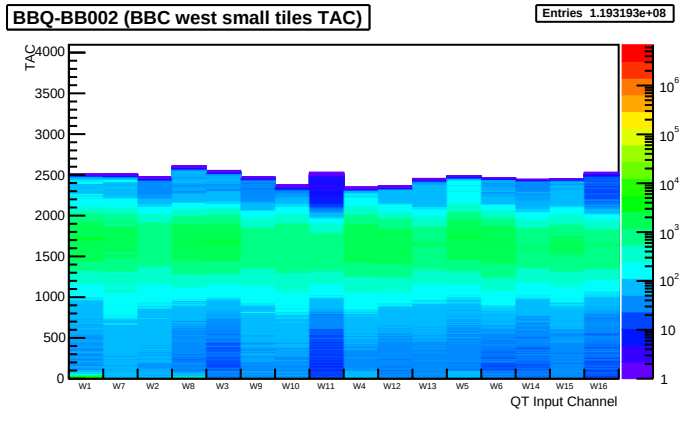

MXQ-PP001
Entries 1.193193e+08
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10^6
10^5
10^4
10^3
10^2
10
1

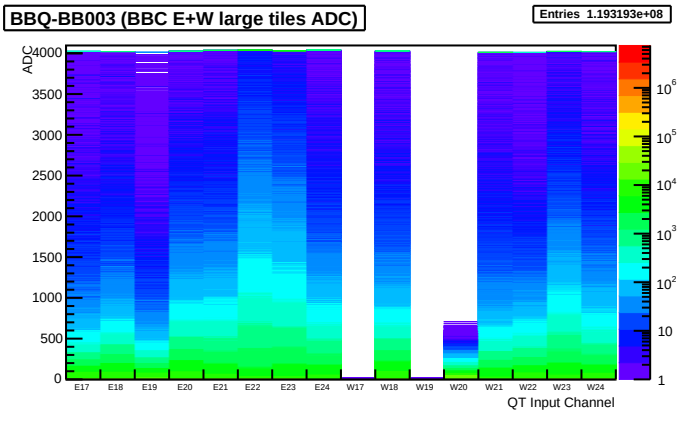

MXQ-PP001
Entries 1.193193e+08
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10^6
10^5
10^4
10^3
10^2
10
1

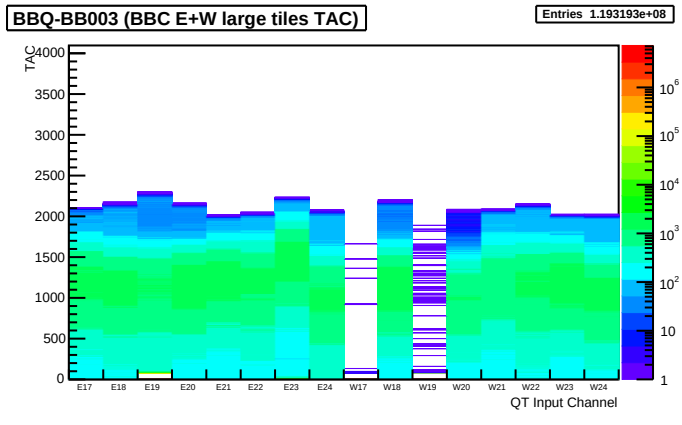

BBQ-BB001 (BBC east small tiles ADC)
Entries 1.193193e+08
ADC
QT Input Channel

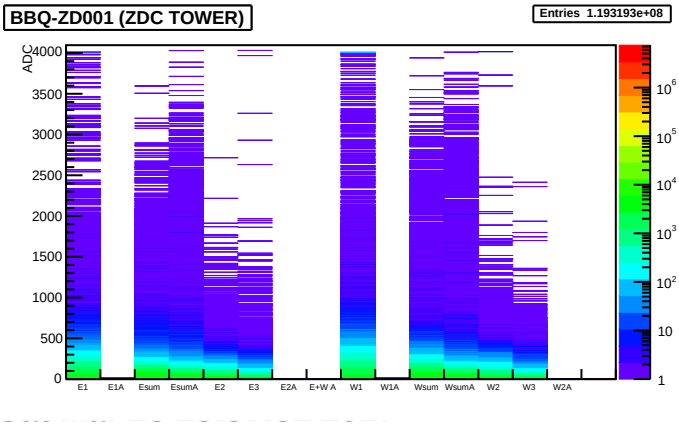

BBQ-BB001 (BBC east small tiles TAC)
Entries 1.193193e+08
TAC
QT Input Channel

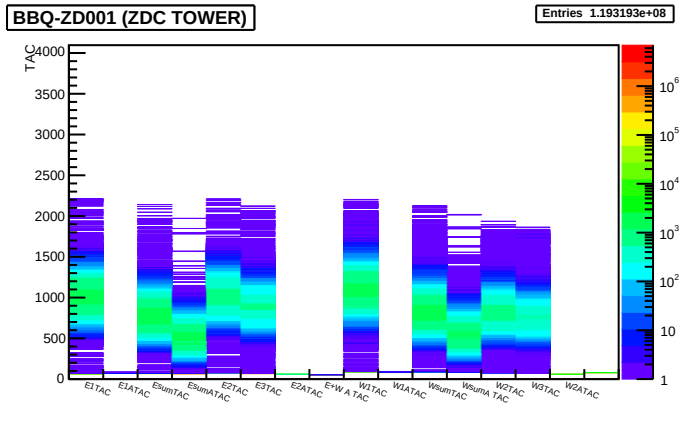

BBQ-BB002 (BBC west small tiles ADC)
Entries 1.193193e+08
ADC
QT Input Channel

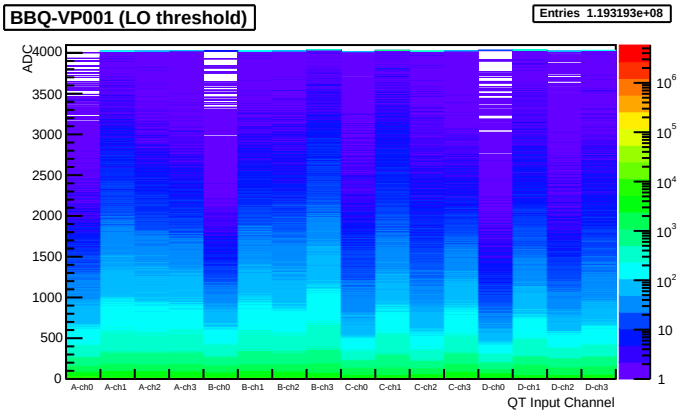

BBQ-BB002 (BBC west small tiles TAC)
Entries 1.193193e+08
TAC
QT Input Channel

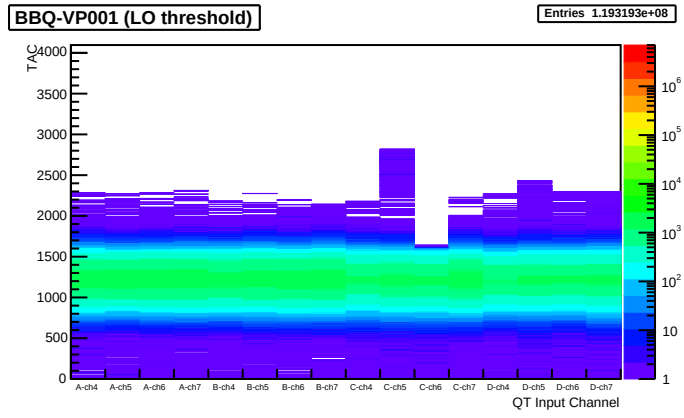

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 1.193193e+08
ADC
QT Input Channel

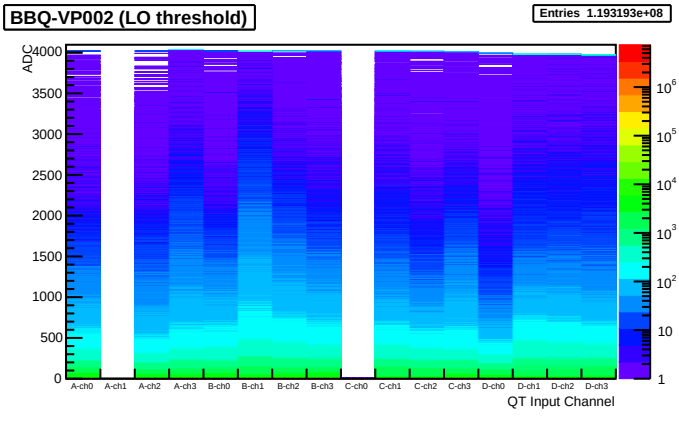

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 1.193193e+08
TAC
QT Input Channel

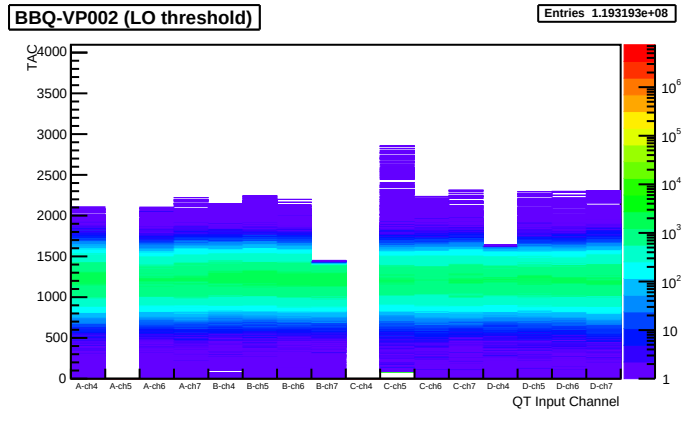

BBQ-ZD001 (ZDC TOWER)
Entries 1.193193e+08
ADC

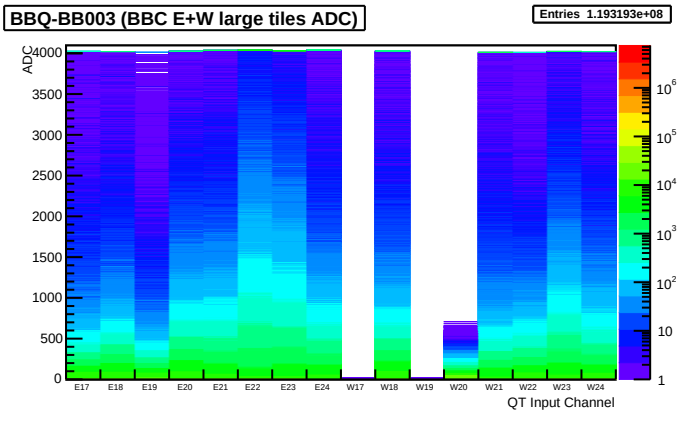

BBQ-ZD001 (ZDC TOWER)
Entries 1.193193e+08
TAC

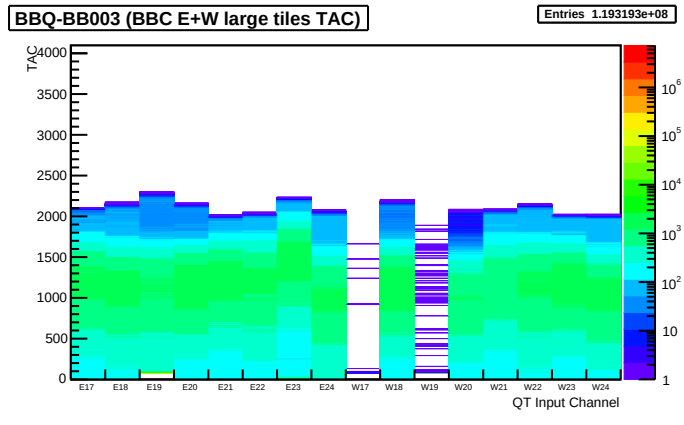

BBQ-VP001 (LO threshold)
Entries 1.193193e+08
ADC
QT Input Channel

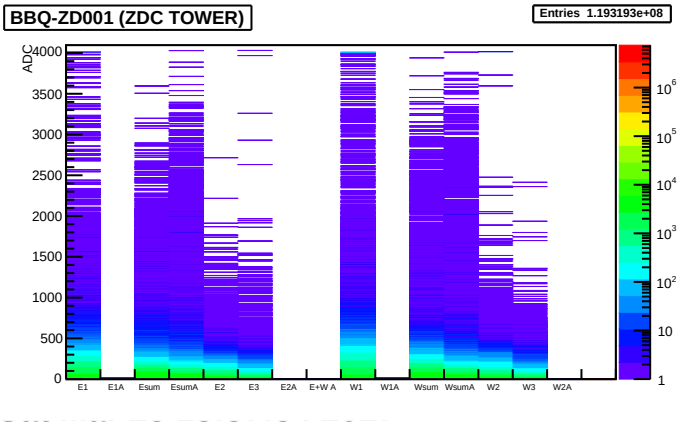

BBQ-VP001 (LO threshold)
Entries 1.193193e+08
TAC
QT Input Channel

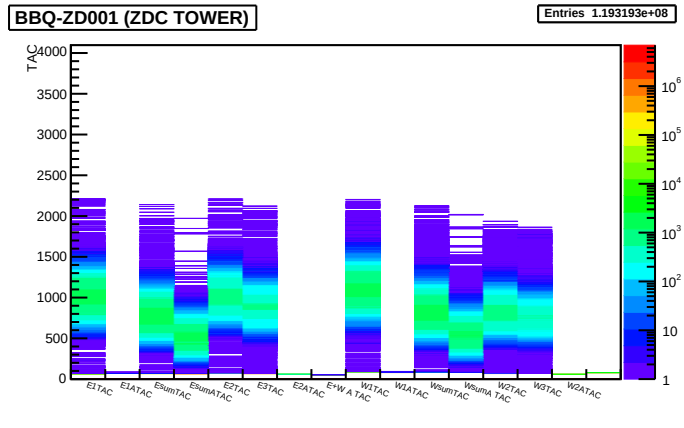

BBQ-VP002 (LO threshold)
Entries 1.193193e+08
ADC
QT Input Channel

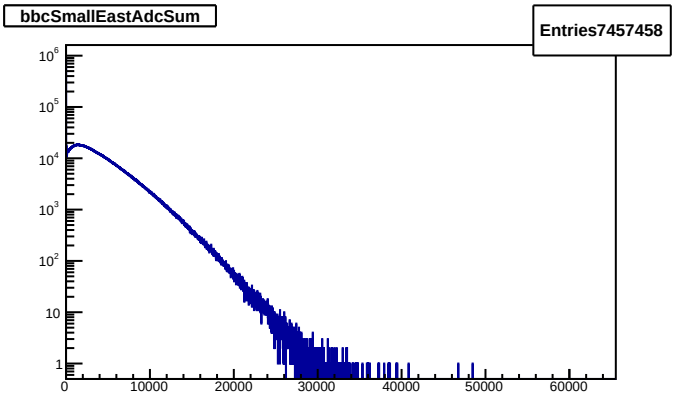

BBQ-VP002 (LO threshold)
Entries 1.193193e+08
TAC
QT Input Channel

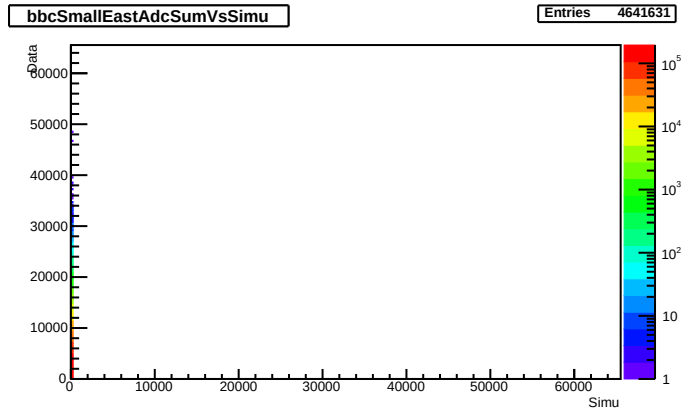

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 1.193193e+08
ADC
QT Input Channel

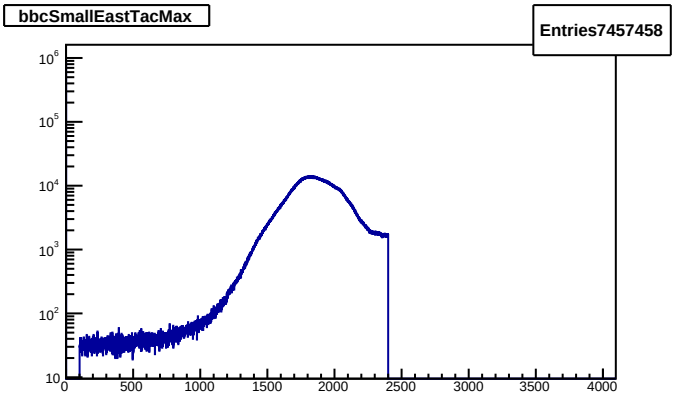

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 1.193193e+08
TAC
QT Input Channel

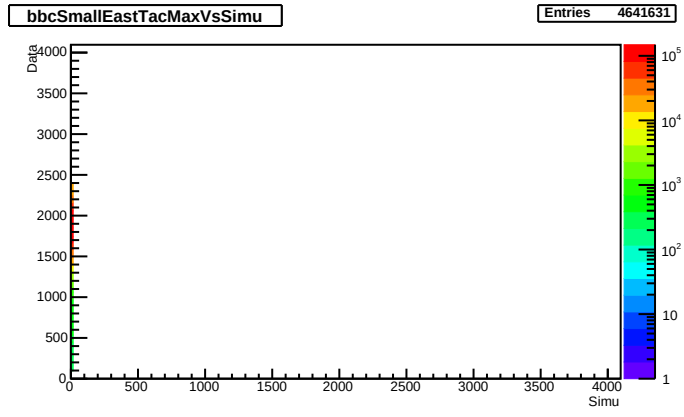

BBQ-ZD001 (ZDC TOWER)
Entries 1.193193e+08
ADC

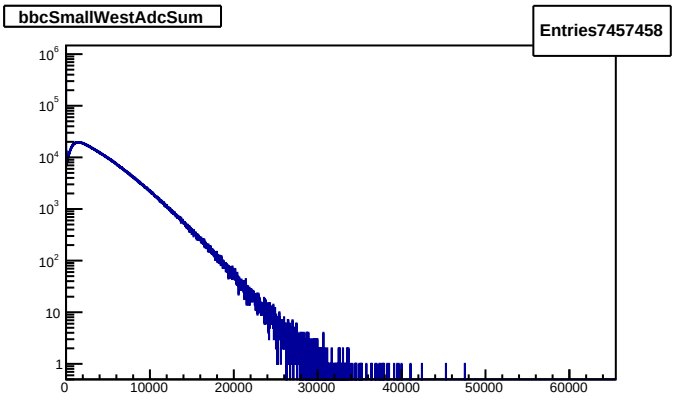

BBQ-ZD001 (ZDC TOWER)
Entries 1.193193e+08
TAC

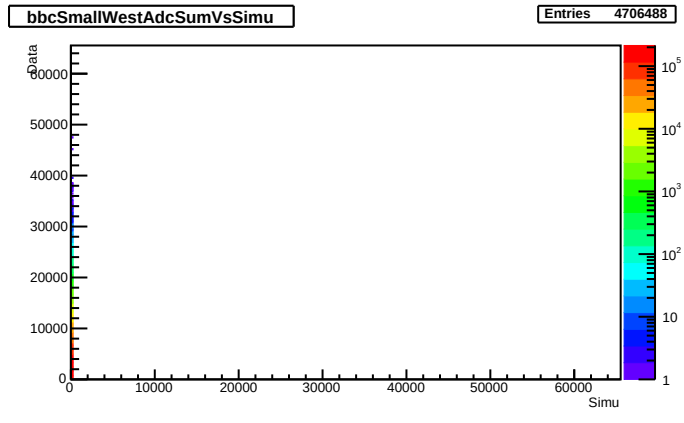

bbcSmallEastAdcSum
Entries7457458

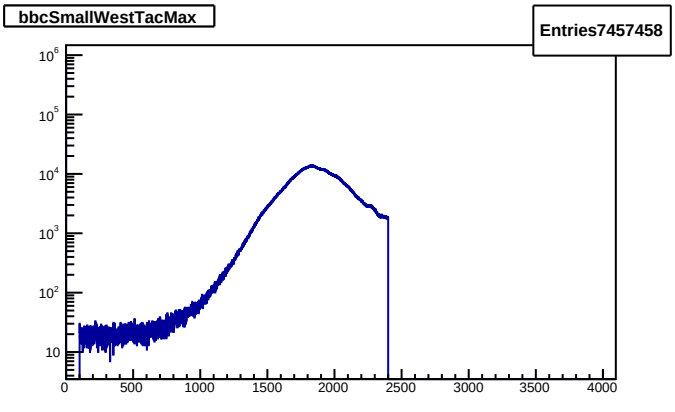

bbcSmallEastAdcSumVsSimu
Entries 4641631
Data
Simu

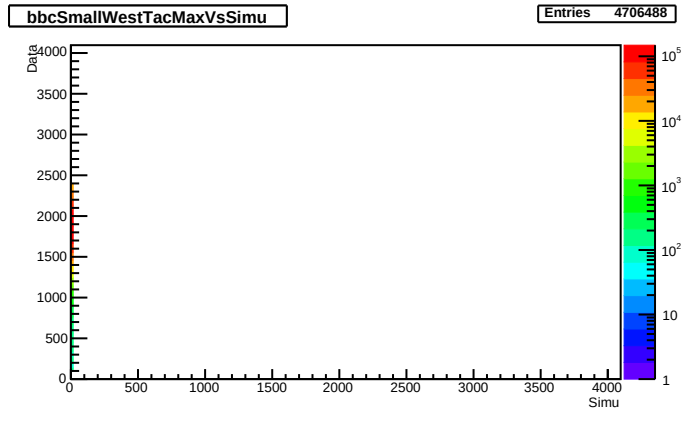

bbcSmallEastTacMax
Entries7457458

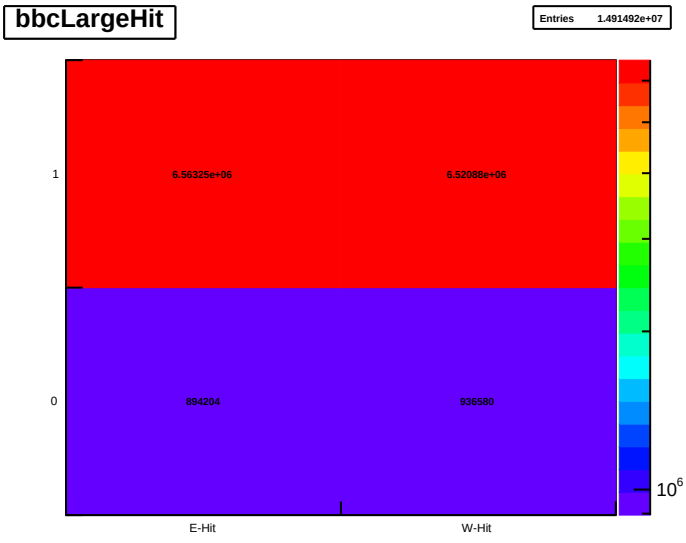

bbcSmallEastTacMaxVsSimu
Entries 4641631
Data
Simu

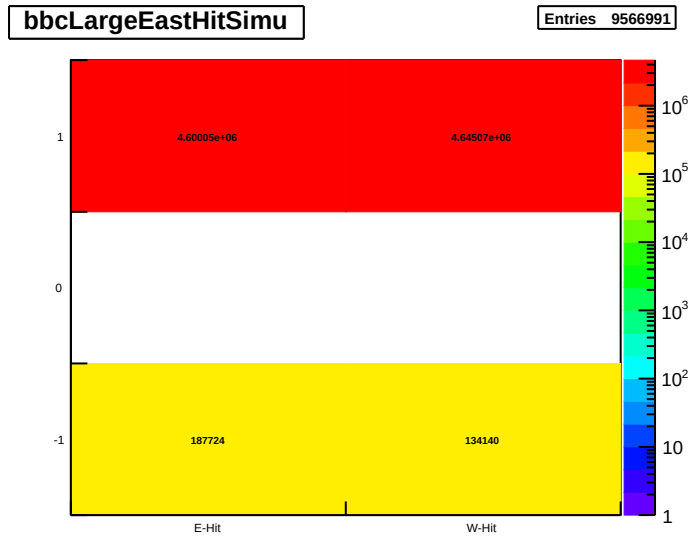

bbcSmallWestAdcSum
Entries7457458

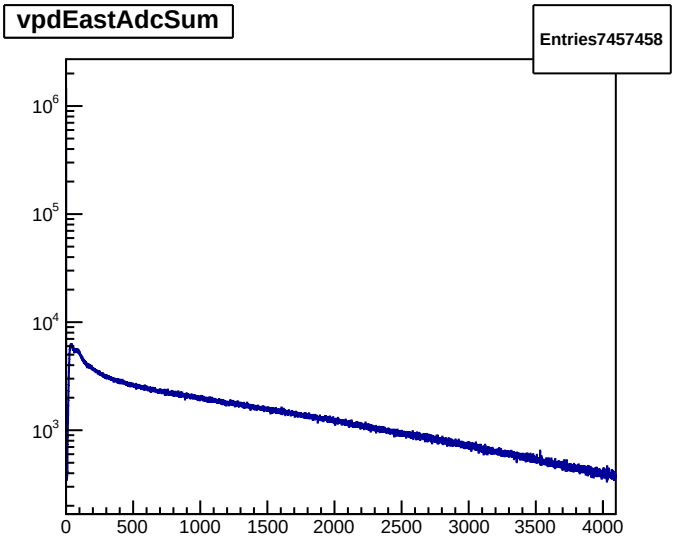

bbcSmallWestAdcSumVsSimu
Entries 4706488
Data
Simu

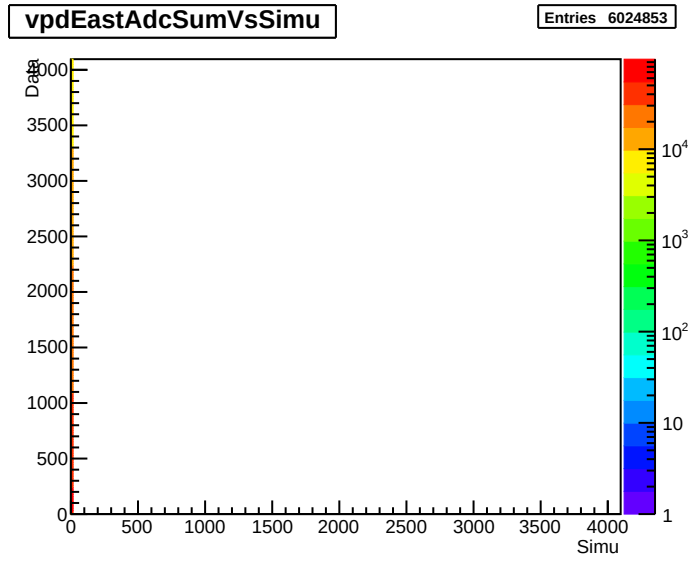

bbcSmallWestTacMax
Entries7457458

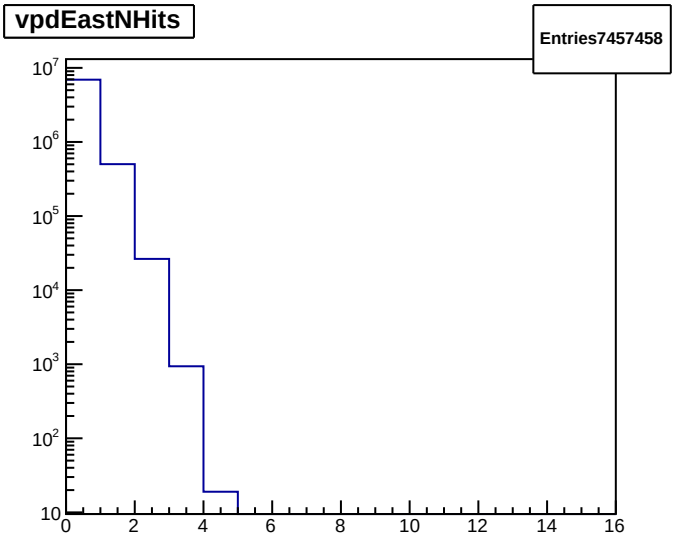

bbcSmallWestTacMaxVsSimu
Entries 4706488
Data
Simu

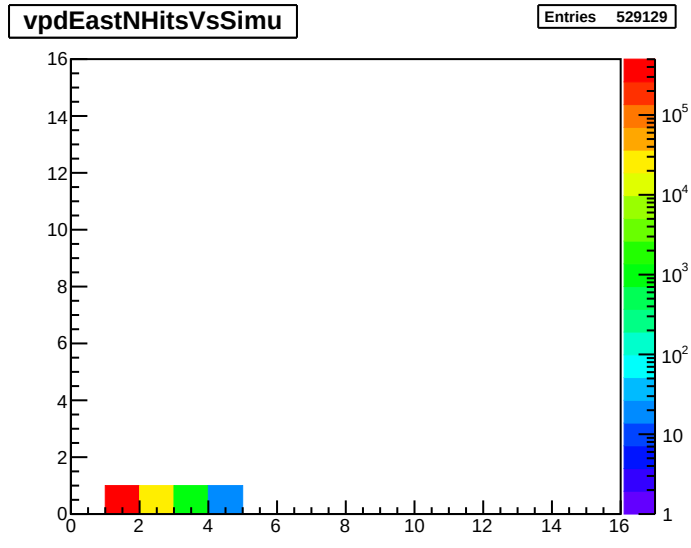

bbcLargeHit
Entries 1.491492e+07
1
0
6.56325e+06
6.52088e+06
894204
936580
E-Hit
W-Hit
10^6

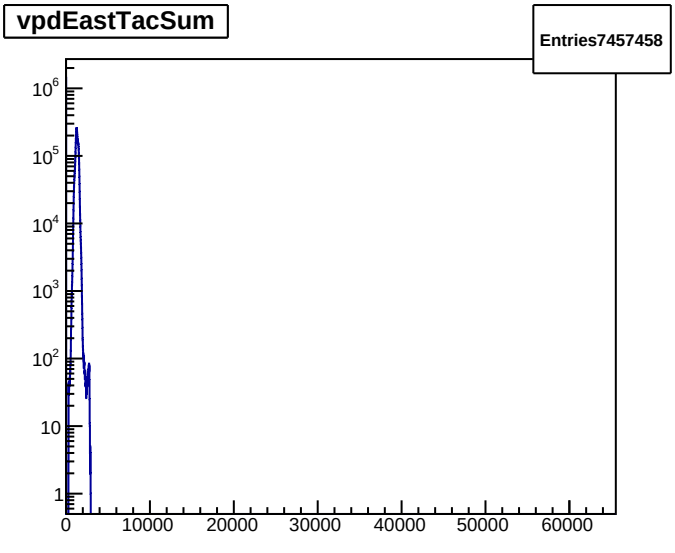

bbcLargeEastHitSimu
Entries 9566991
1
0
-1
4.60005e+06
4.64507e+06
187724
134140
E-Hit
W-Hit
10^6
10^5
10^4
10^3
10^2
10
1

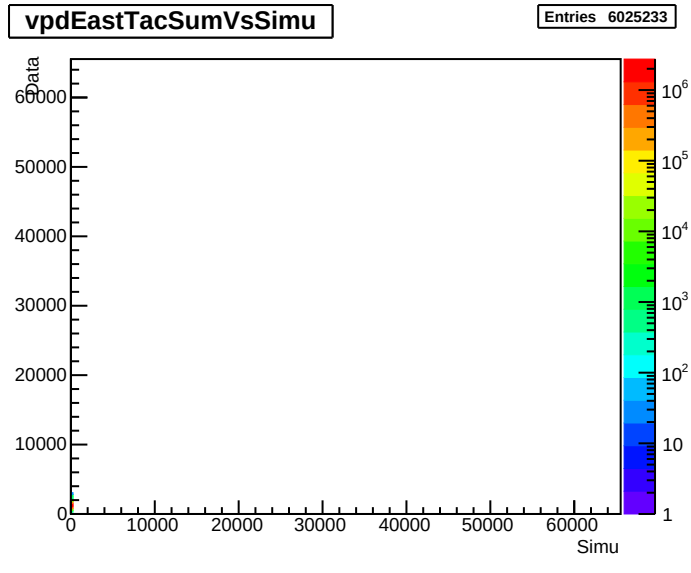

vpdEastAdcSum
Entries7457458

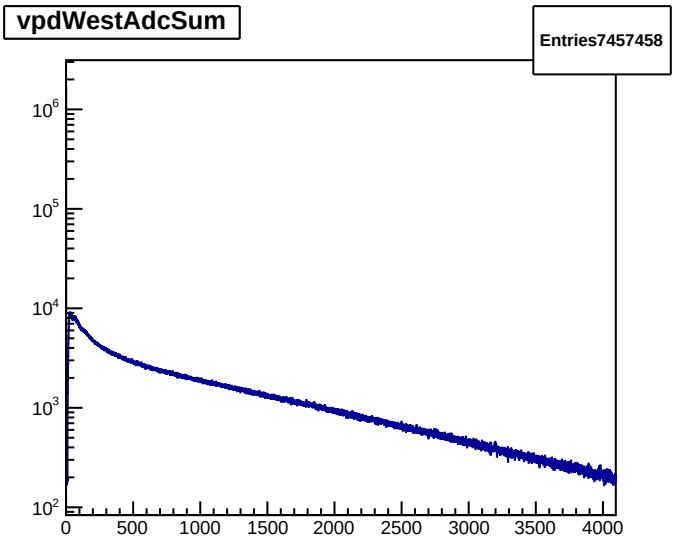

vpdEastAdcSumVsSimu
Entries 6024853
Data
Simu

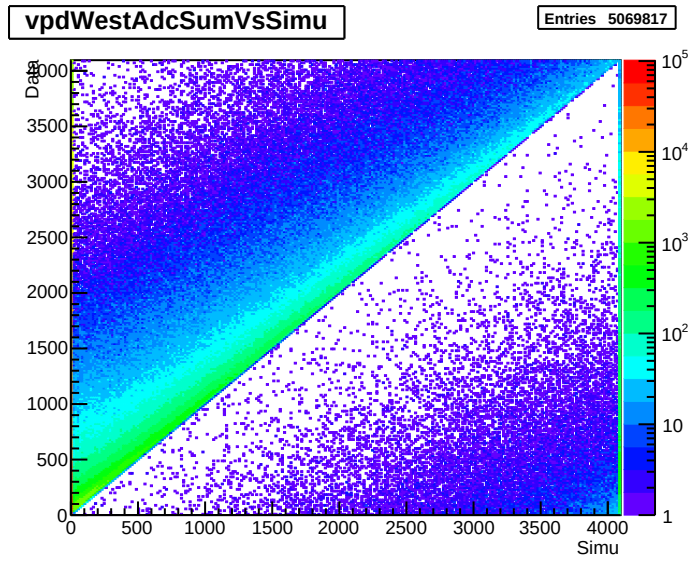

vpdEastNHits
Entries7457458

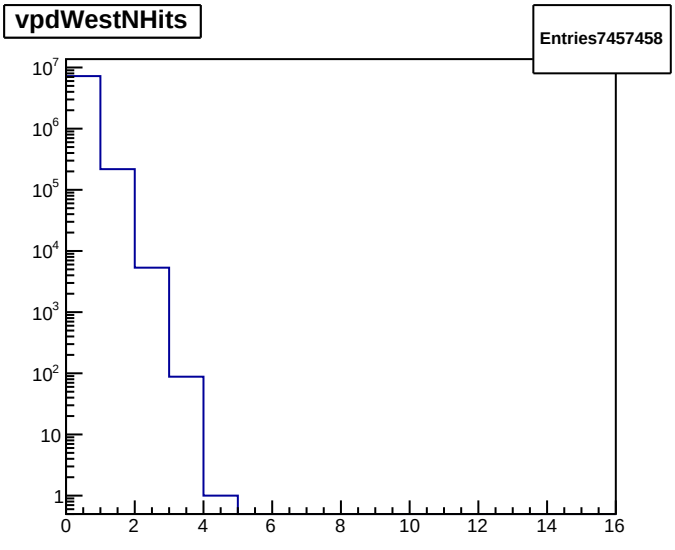

vpdEastNHitsVsSimu
Entries 529129

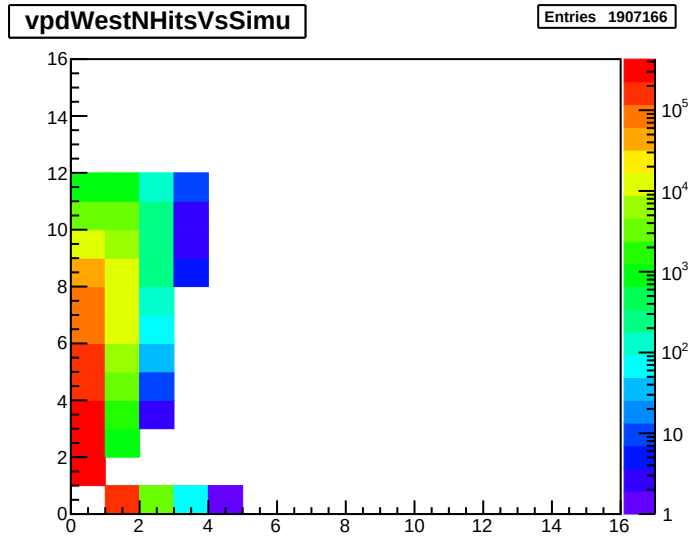

vpdEastTacSum
Entries7457458

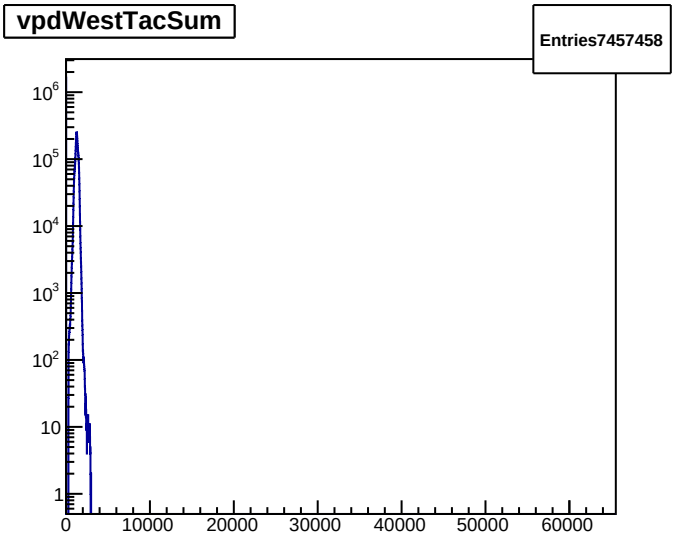

vpdEastTacSumVsSimu
Entries 6025233
Data
Simu

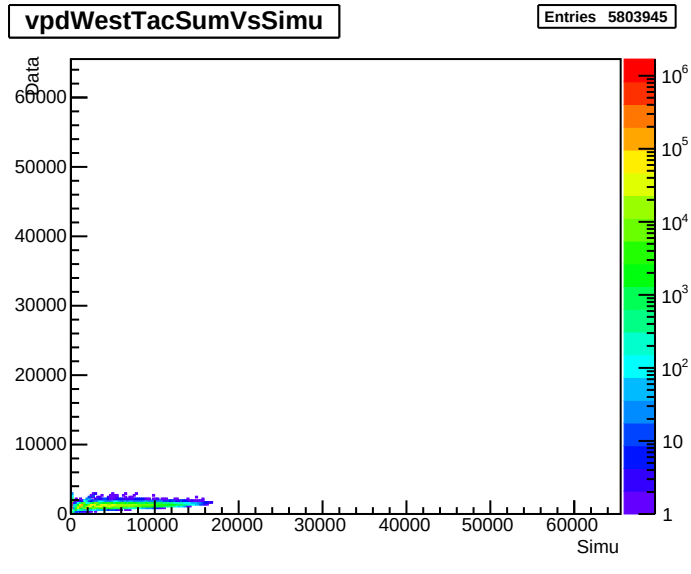

vpdWestAdcSum
Entries7457458

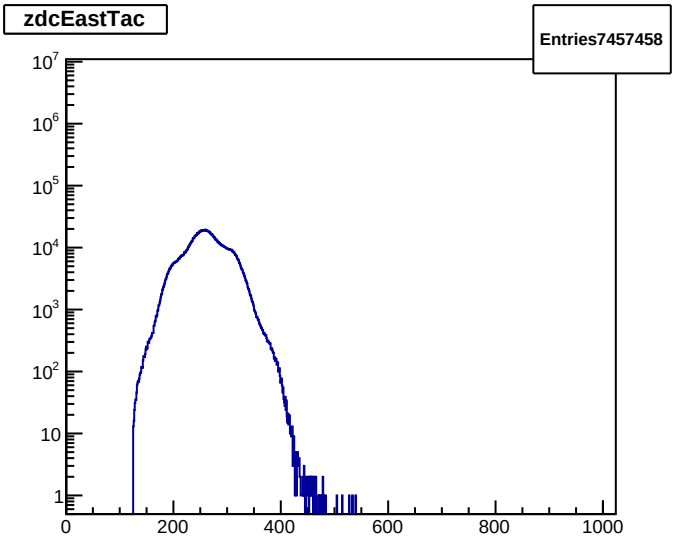

vpdWestAdcSumVsSimu
Entries 5069817
Data
Simu

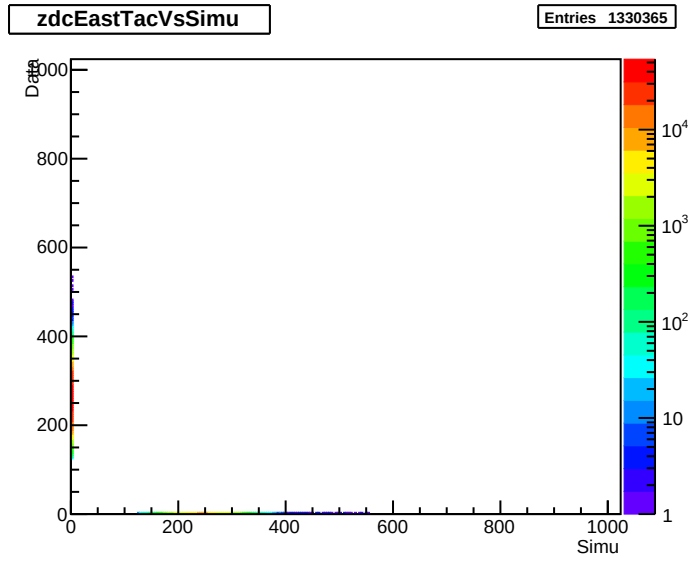

vpdWestNHits
Entries7457458

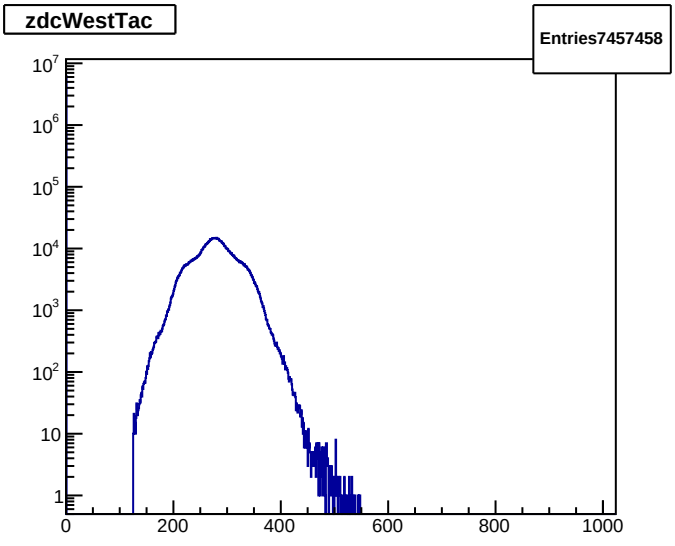

vpdWestNHitsVsSimu
Entries 1907166

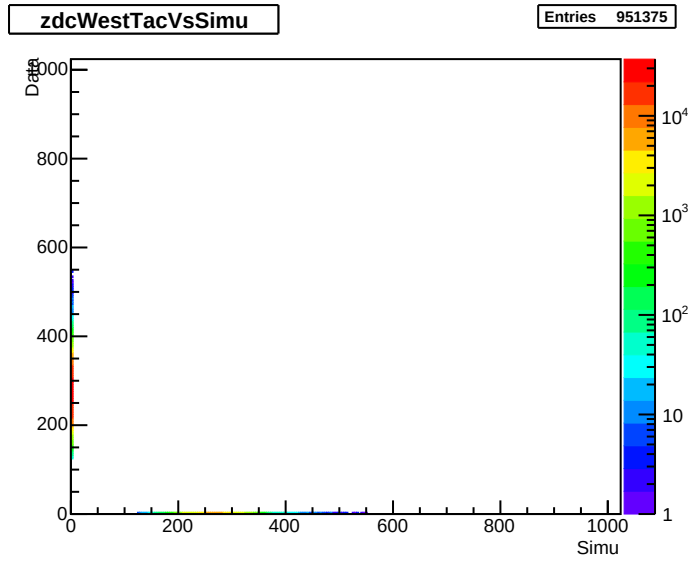

vpdWestTacSum
Entries7457458

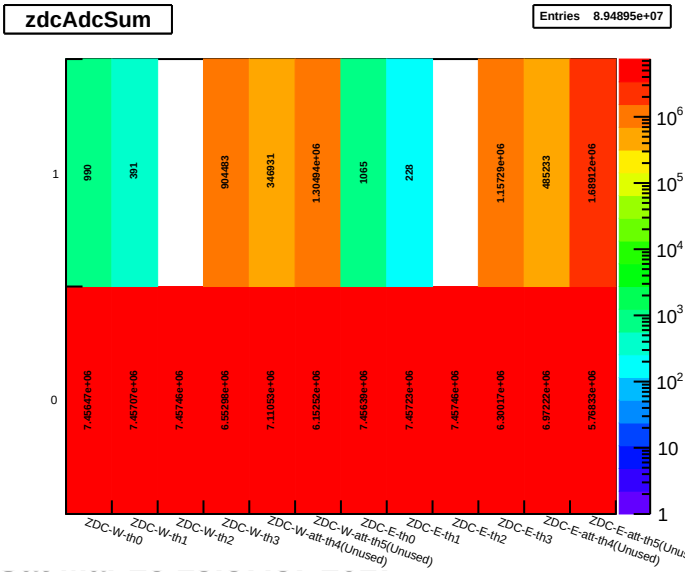

vpdWestTacSumVsSimu
Entries 5803945
Data
Simu

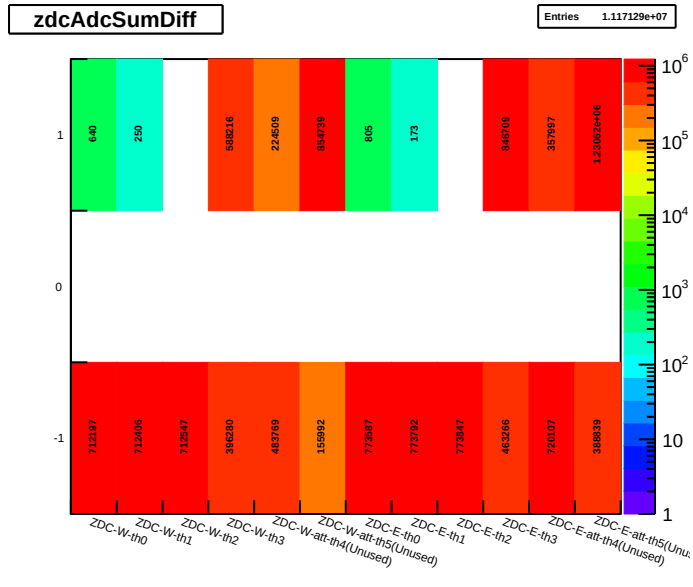

zdcEastTac
Entries7457458

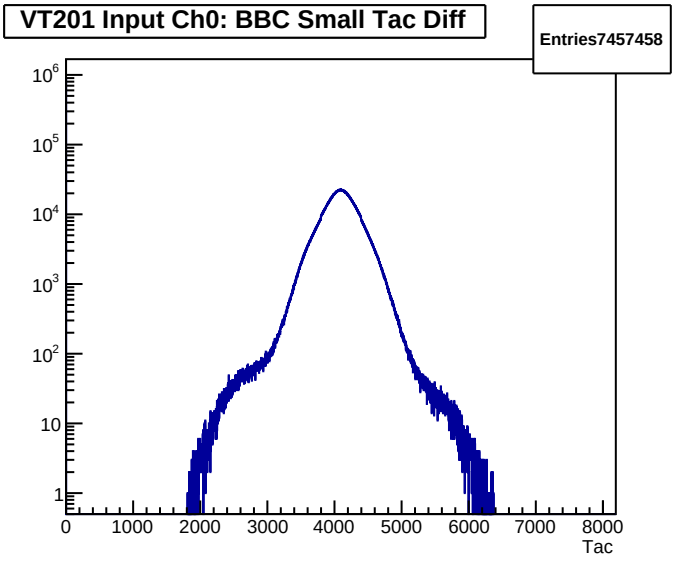

zdcEastTacVsSimu
Entries 1330365
Data
Simu

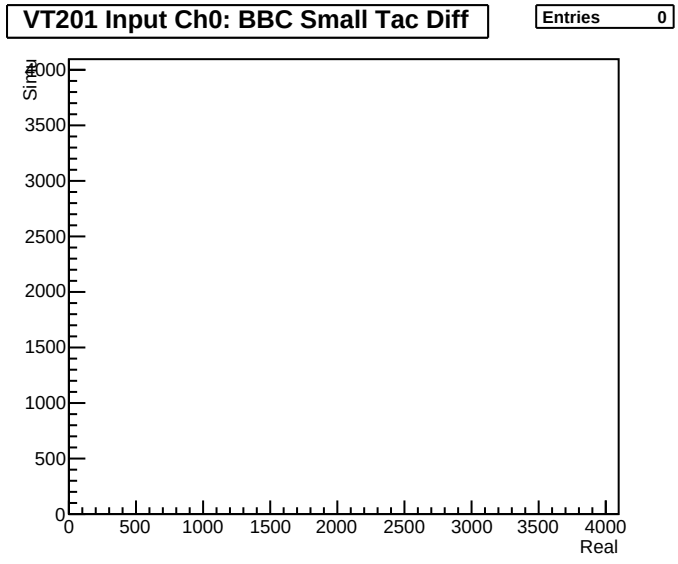

zdcWestTac
Entries7457458

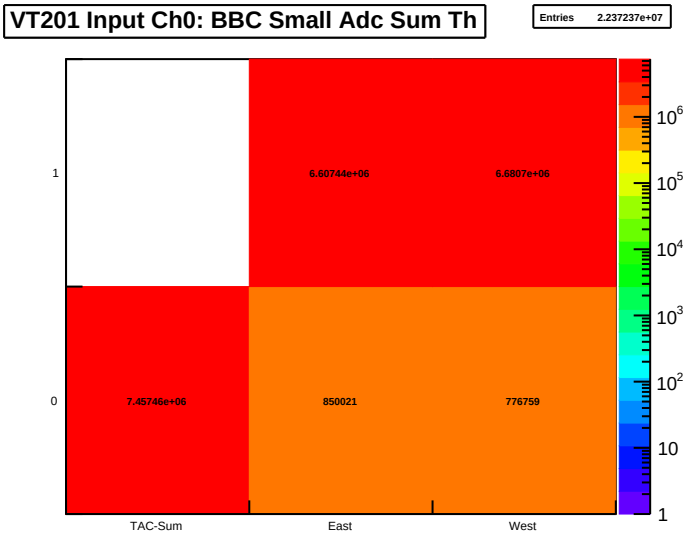

zdcWestTacVsSimu
Entries 951375
Data
Simu

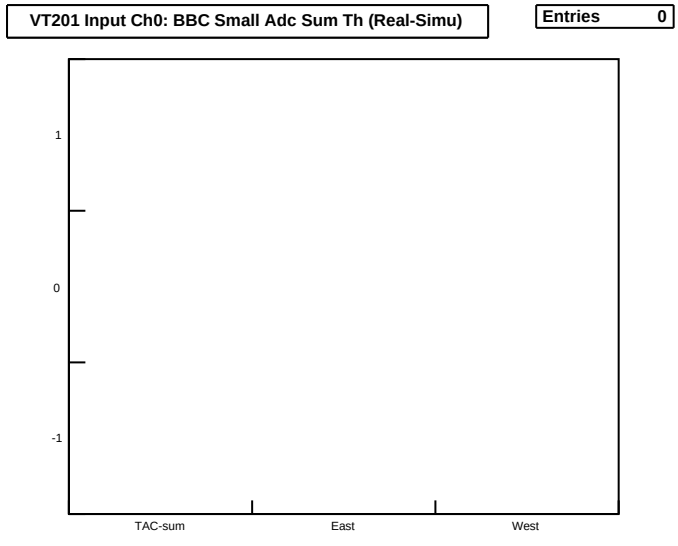

zdcAdcSum
Entries 8.94895e+07
990
391
904483
346931
1.30494e+06
1065
228
1.15729e+06
485233
1.68912e+06
7.45647e+06
7.45707e+05
7.45746e+06
6.55298e+06
7.11053e+06
6.15252e+06
7.45639e+06
7.45723e+06
7.45746e+05
6.30017e+06
6.97222e+06
5.76833e+06
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
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

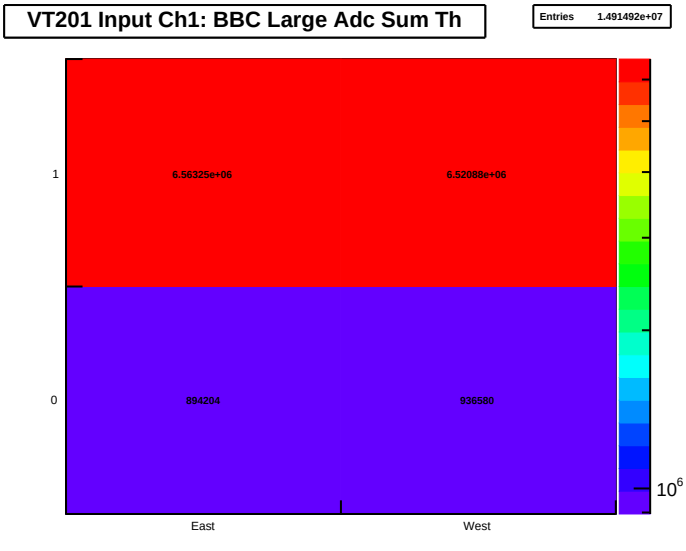

zdcAdcSumDiff
Entries 1.117129e+07
640
250
588216
224509
854739
805
173
846709
357997
1.23062e+06
712197
712406
712547
396280
483769
159992
773587
773792
773847
463266
720107
388839
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

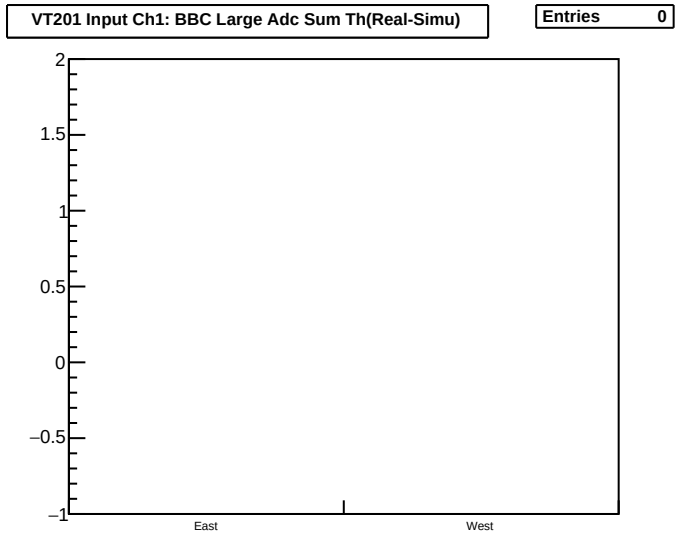

VT201 Input Ch0: BBC Small Tac Diff
Entries7457458
Tac


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

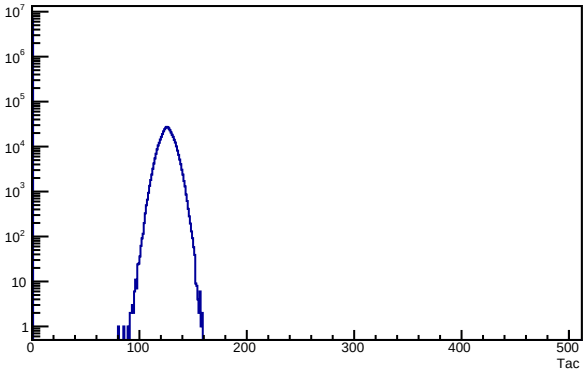

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 2.237237e+07
6.60744e+06
6.6807e+06
7.45746e+06
850021
776759
TAC-Sum
East
West


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

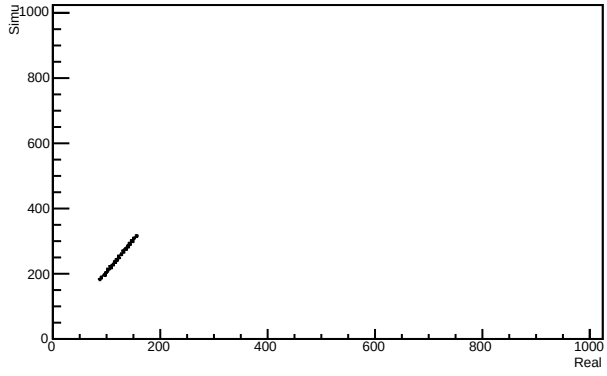

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 1.491492e+07
6.56325e+06
6.52088e+06
894204
936580
East
West


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

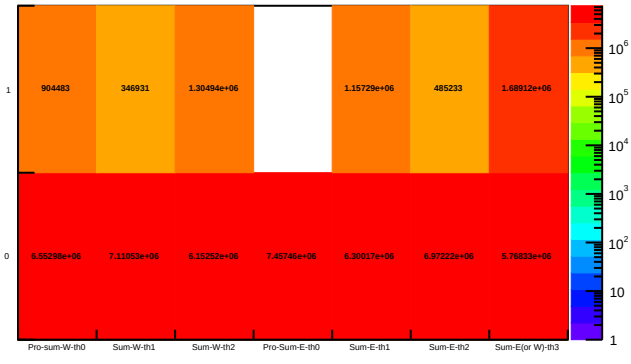
VT201 Input Ch2: ZDC Tac Diff



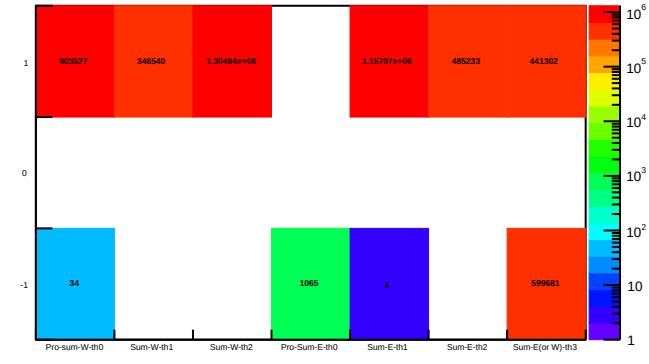
VT201 Input Ch2: ZDC Tac Diff



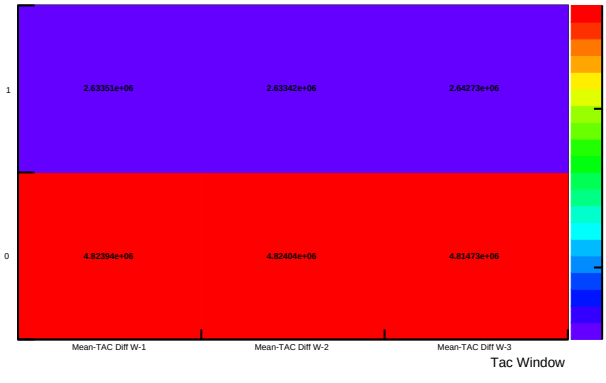
VT201 Input Ch2: ZDC Adc Sum Th



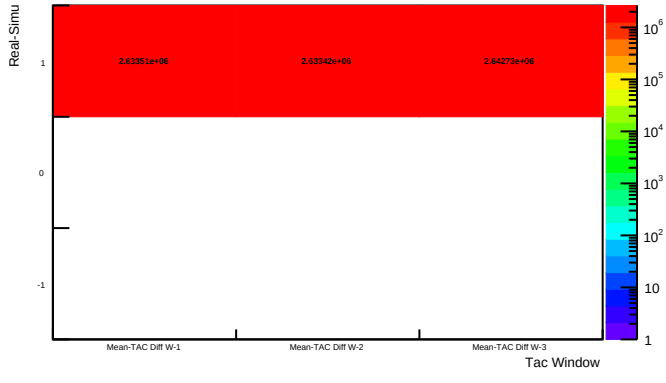
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



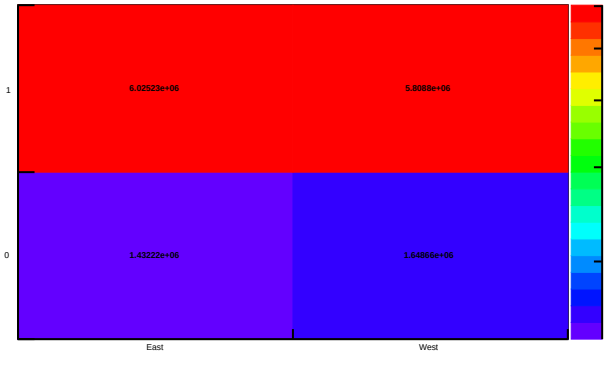
VT201 Input Ch4: VPD Tac Diff



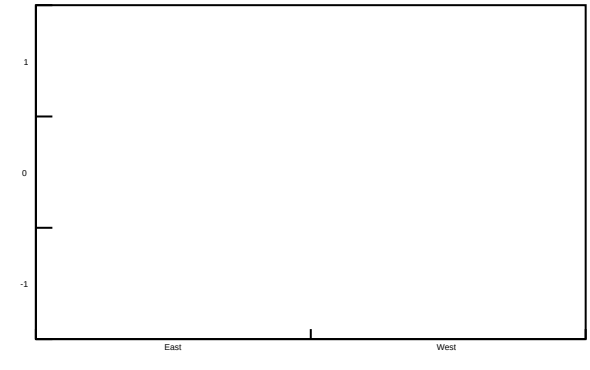
VT201 Input Ch4: VPD Tac Diff

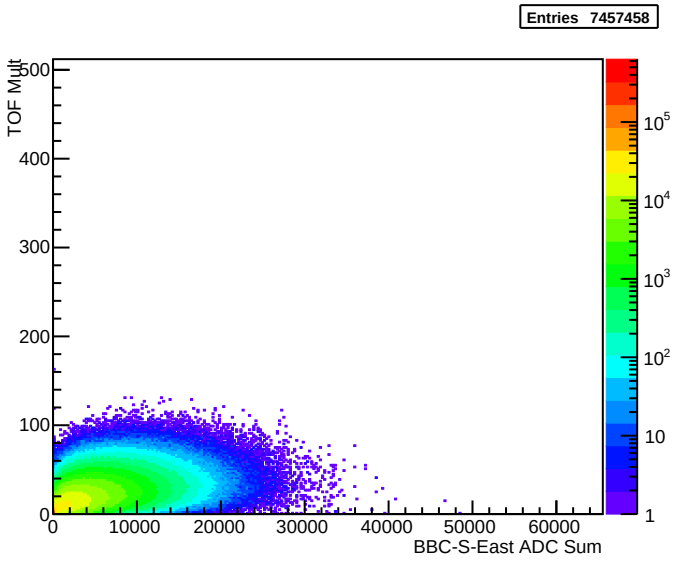


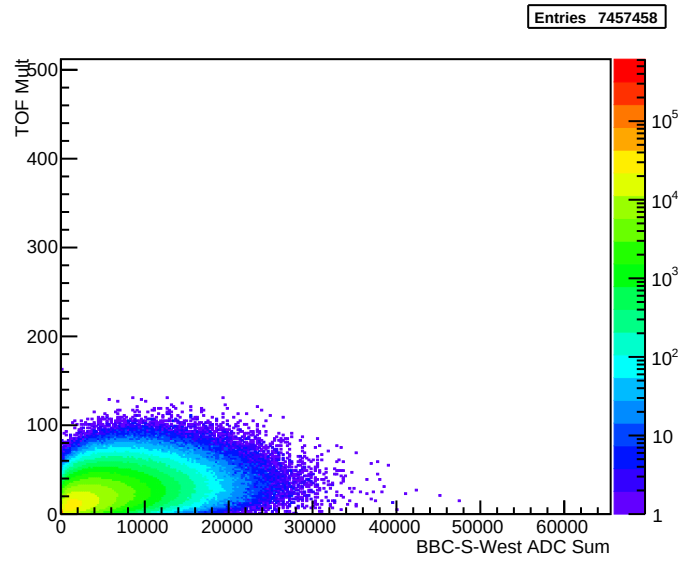
VT201 Input Ch4: VPD Adc Sum Th

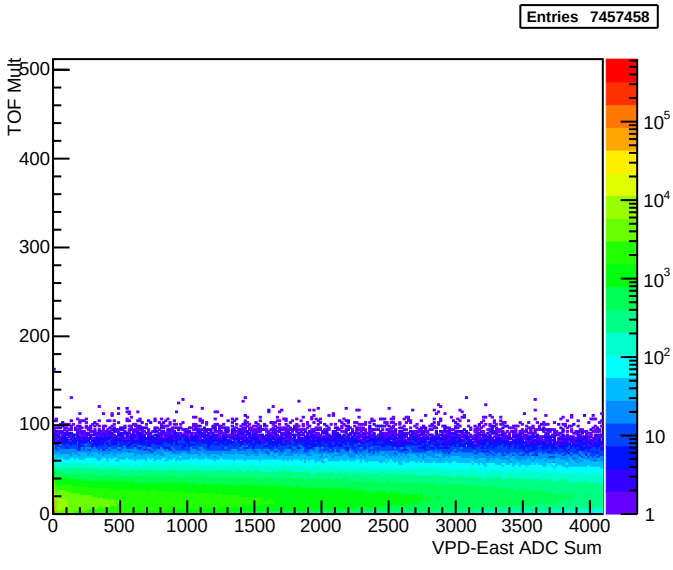


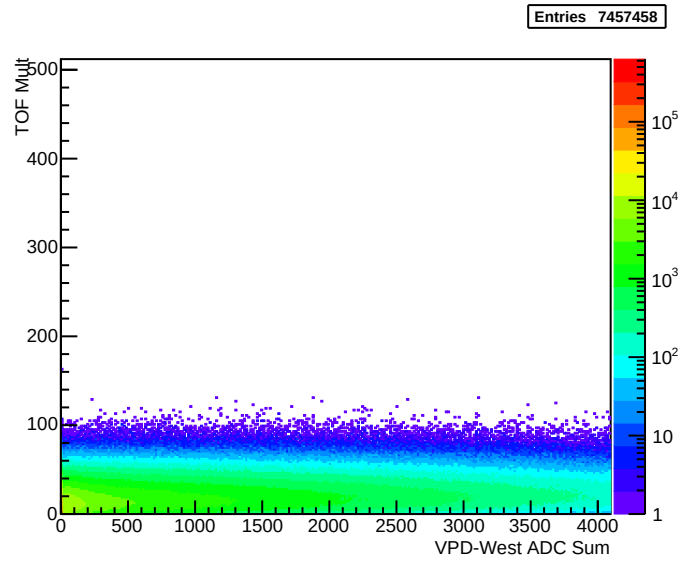
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

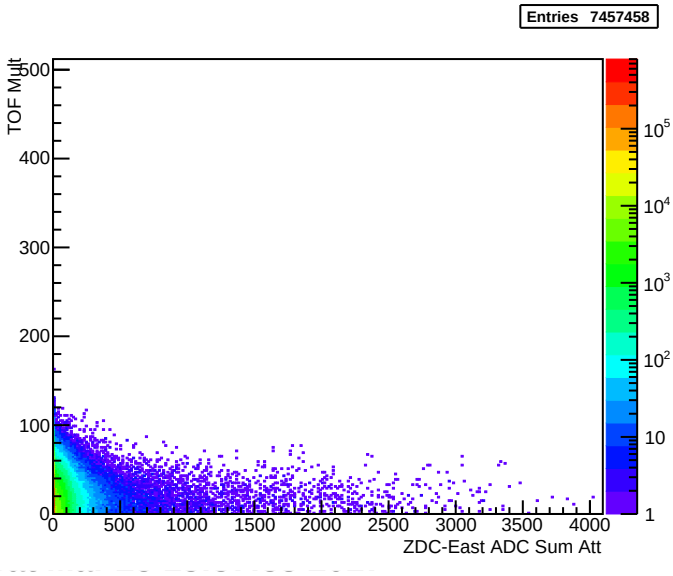


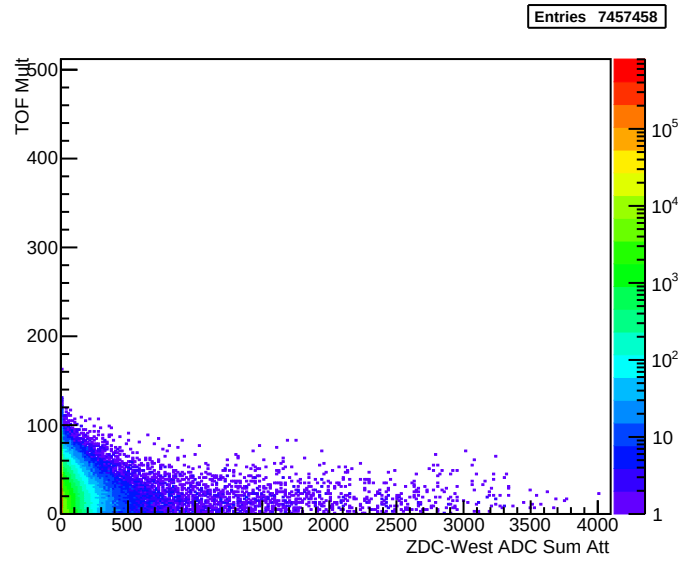

Entries 7457458
TOF Mult
BBC-S-East ADC Sum

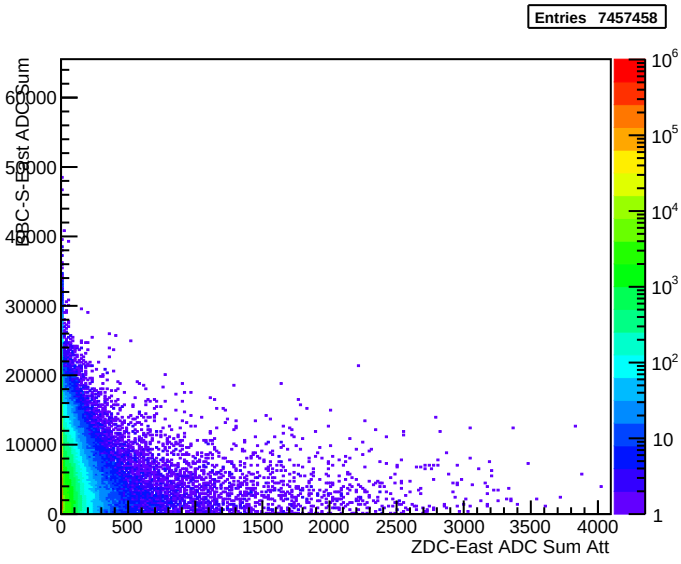

Entries 7457458
TOF Mult
BBC-S-West ADC Sum

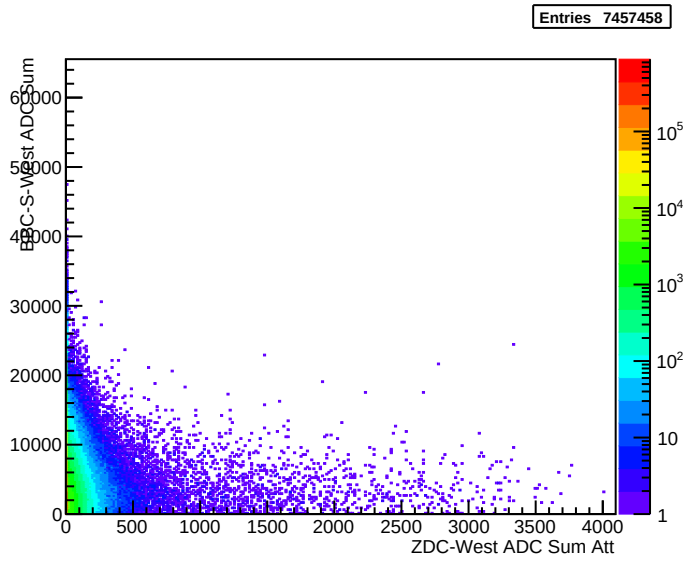

Entries 7457458
TOF Mult
VPD-East ADC Sum

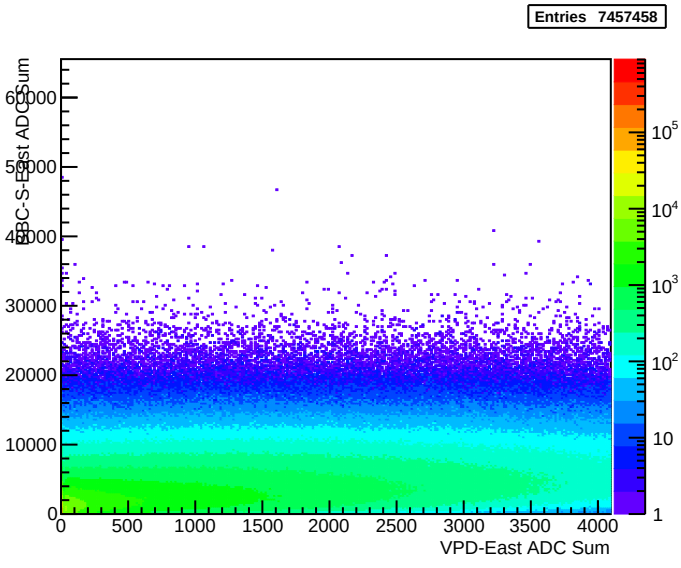

Entries 7457458
TOF Mult
VPD-West ADC Sum

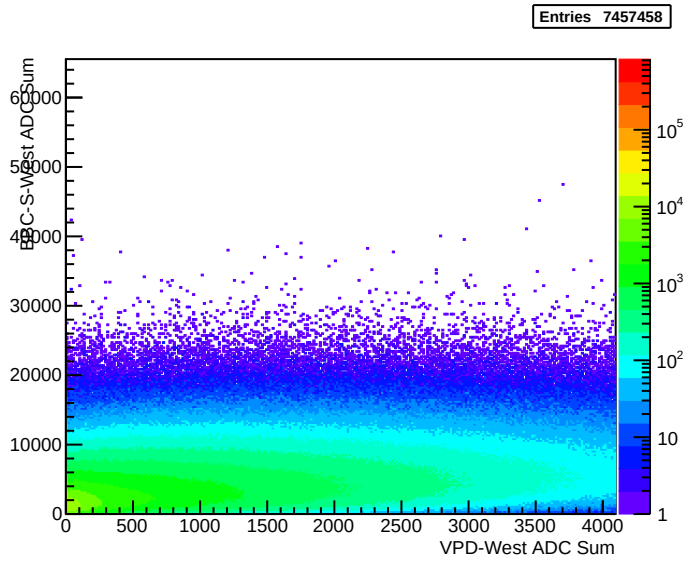

Entries 7457458
TOF Mult
ZDC-East ADC Sum Att

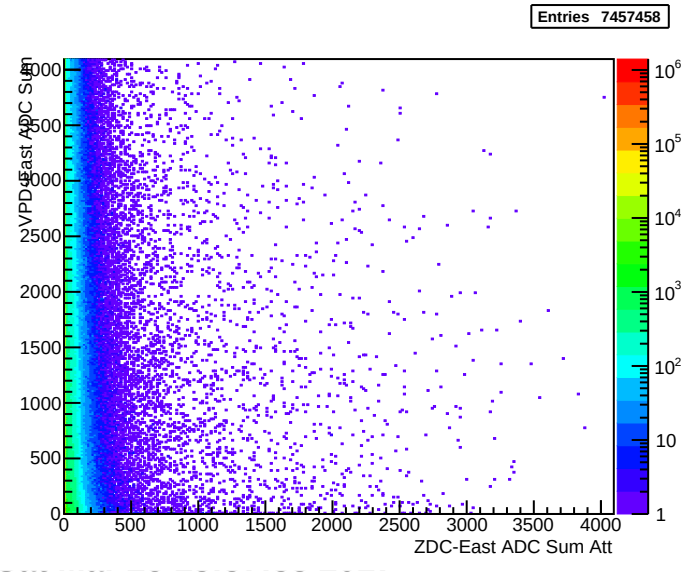

Entries 7457458
TOF Mult
ZDC-West ADC Sum Att

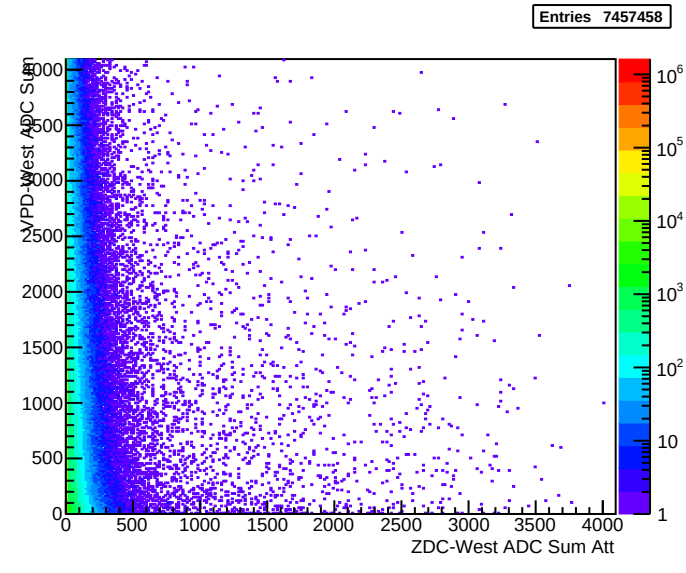

Entries 7457458
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

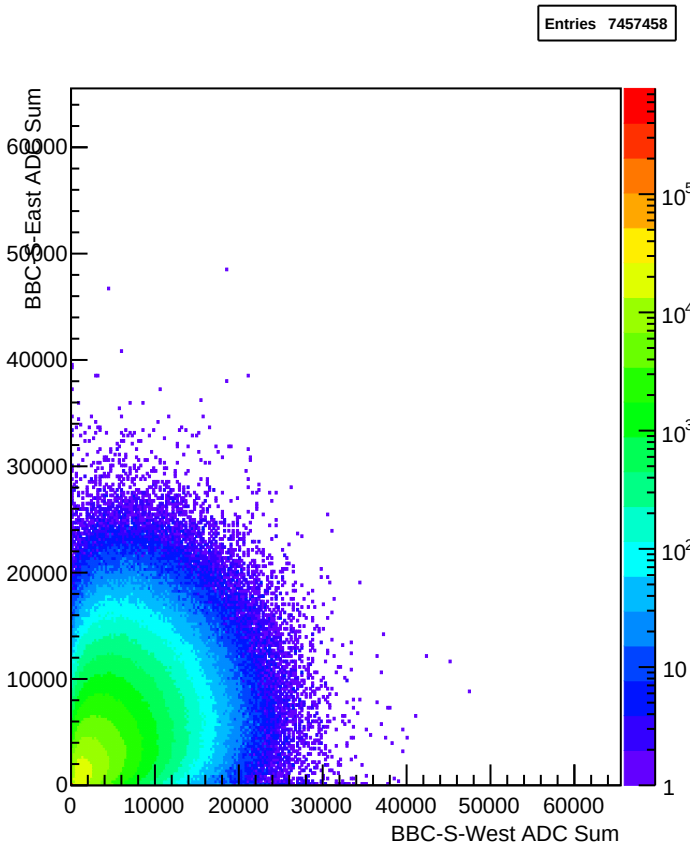

Entries 7457458
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

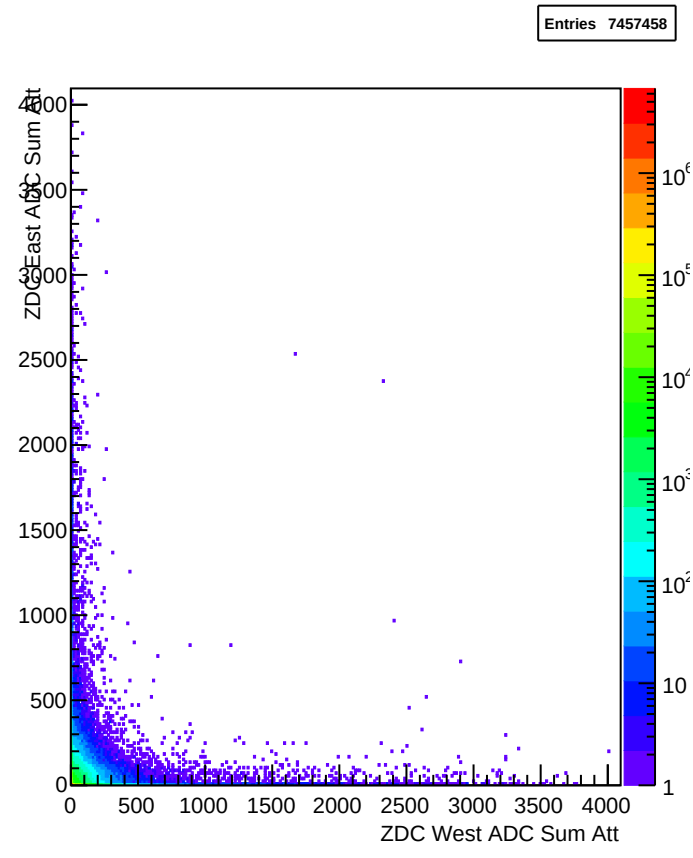

Entries 7457458
BBC-S-East ADC Sum
VPD-East ADC Sum

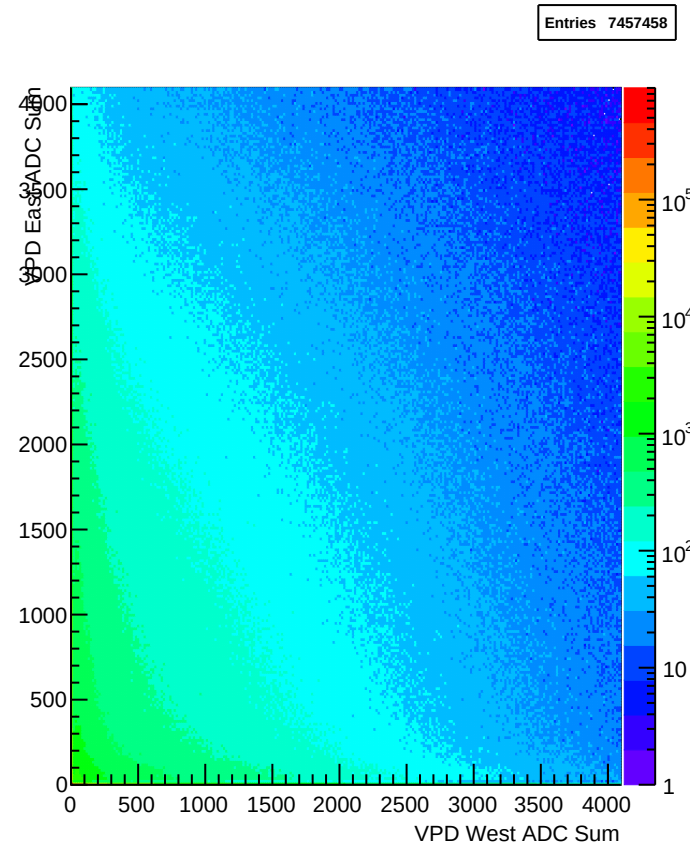

Entries 7457458
BBC-S-West ADC Sum
VPD-West ADC Sum

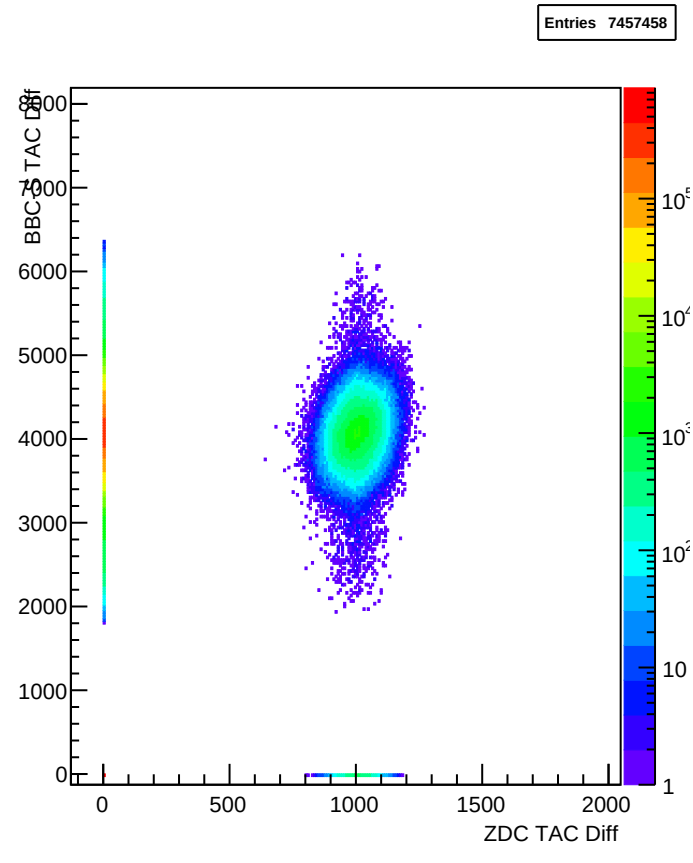

Entries 7457458
VPD-East ADC Sum
ZDC-East ADC Sum Att

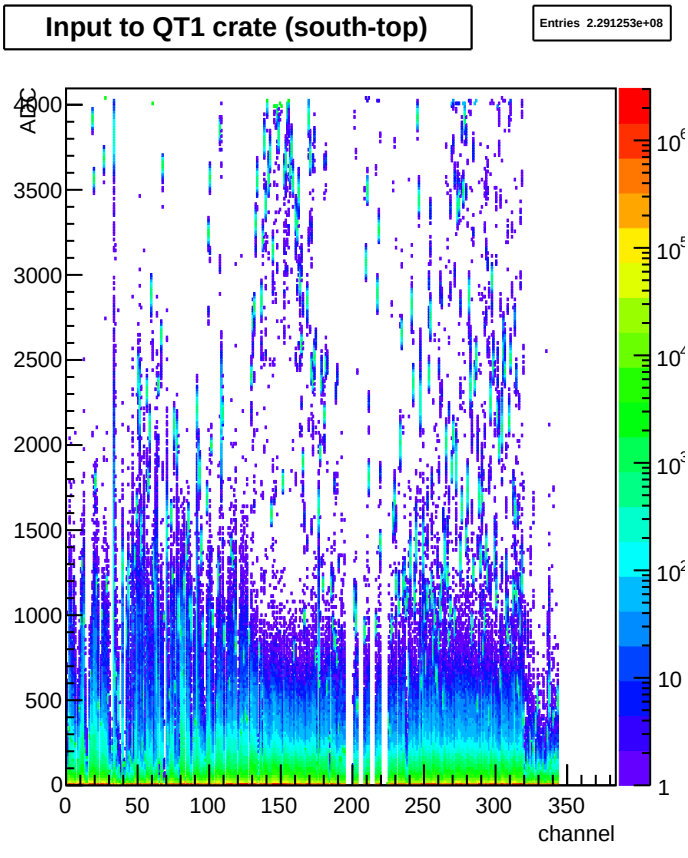

Entries 7457458
VPD-West ADC Sum
ZDC-West ADC Sum Att

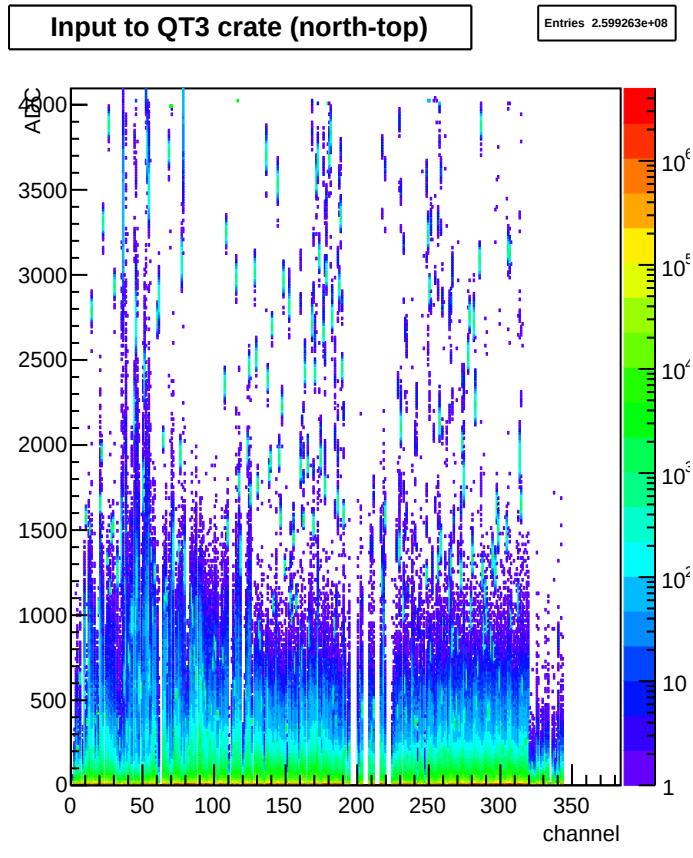

Entries 7457458
BBC-S-East ADC Sum
BBC-S-West ADC Sum

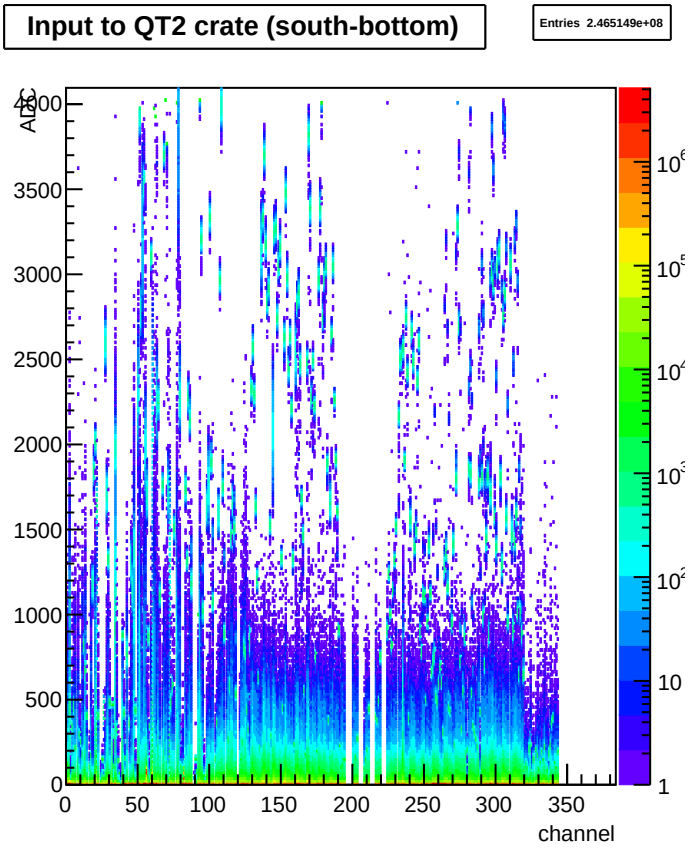

Entries 7457458
ZDC East ADC Sum Att
ZDC West ADC Sum Att

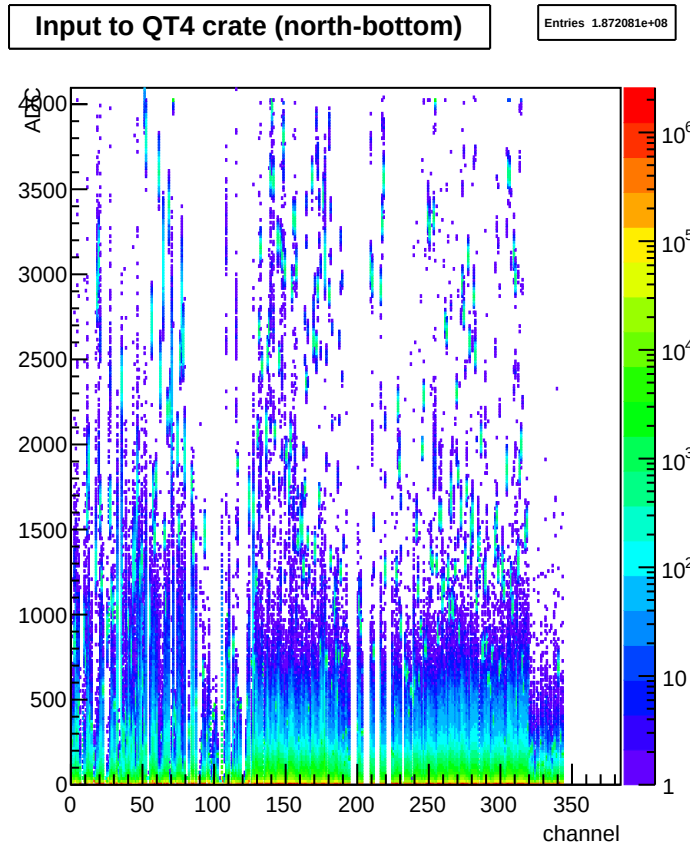

Entries 7457458
VPD East ADC Sum
VPD West ADC Sum

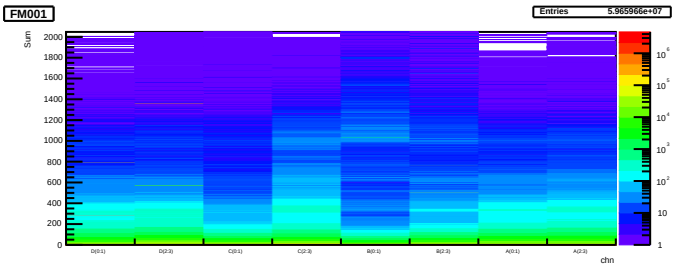

Entries 7457458
BBC-S TAC Diff
ZDC TAC Diff

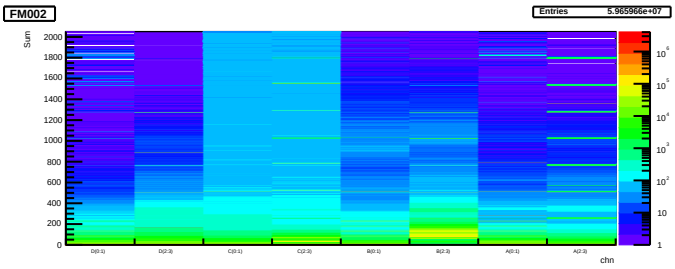

Input to QT1 crate (south-top)
Entries 2.291253e+08
ADC
channel

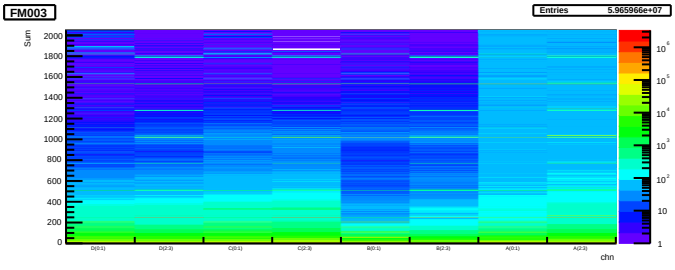

Input to QT3 crate (north-top)
Entries 2.599263e+08
ADC
channel

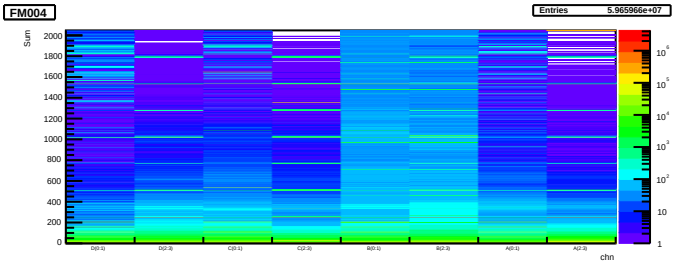

Input to QT2 crate (south-bottom)
Entries 2.465149e+08
ADC
channel

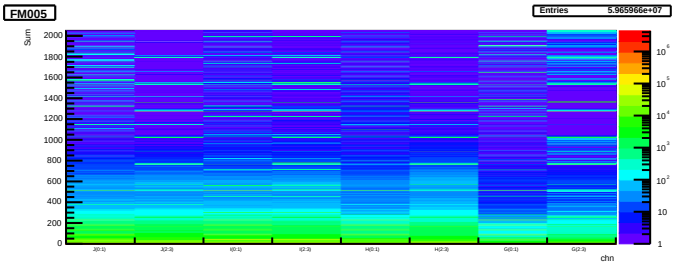

Input to QT4 crate (north-bottom)
Entries 1.872081e+08
ADC
channel


FM001
Entries 5.965966e+07
Sum
chn


FM002
Entries 5.965966e+07
Sum
chn


FM003
Entries 5.965966e+07
Sum
chn


FM004
Entries 5.965966e+07
Sum
chn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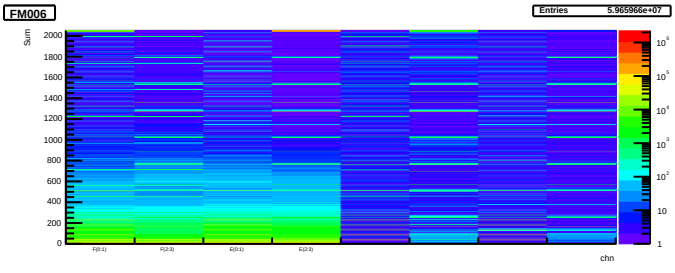
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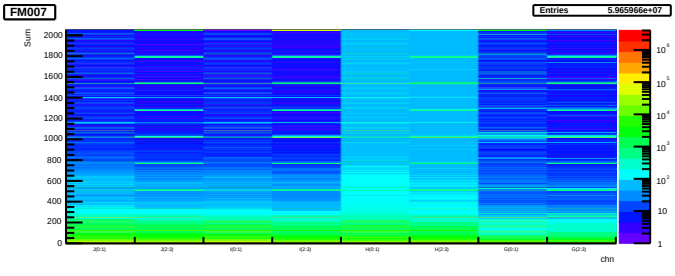
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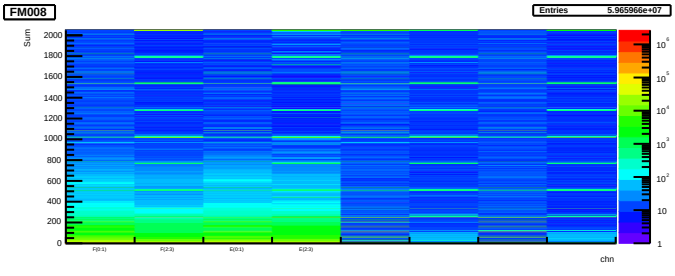
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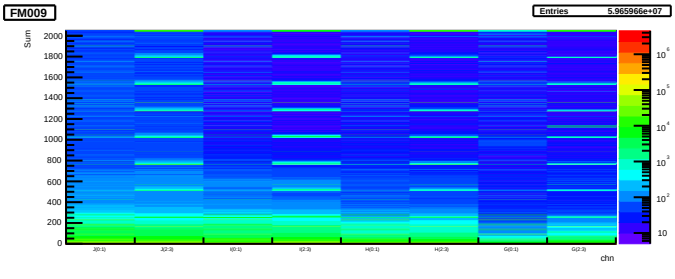
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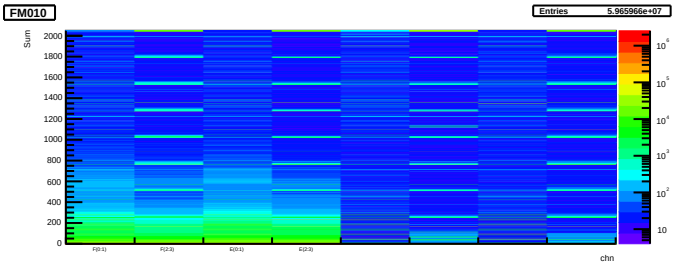
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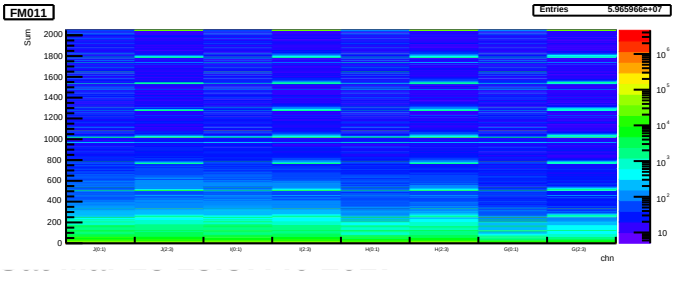
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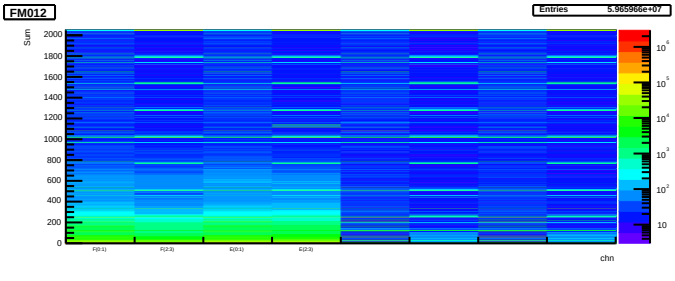
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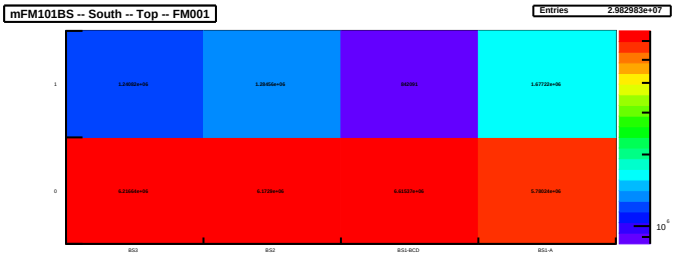
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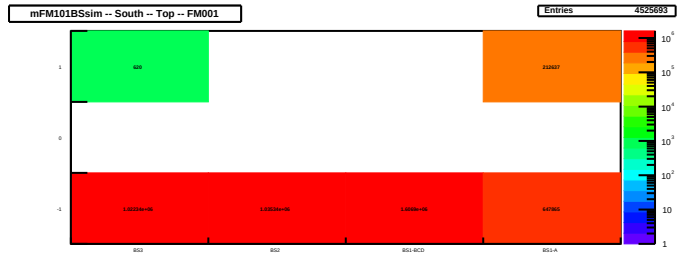
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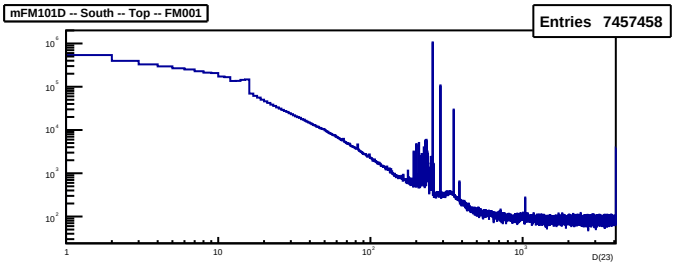
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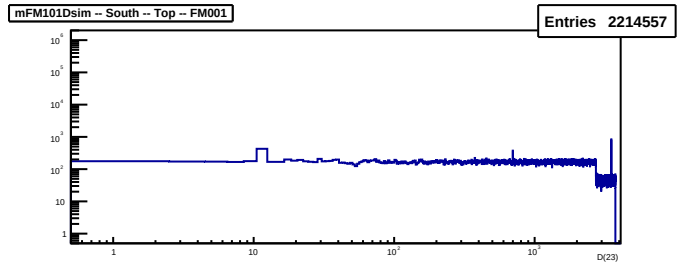
Entries 7457458
D(23)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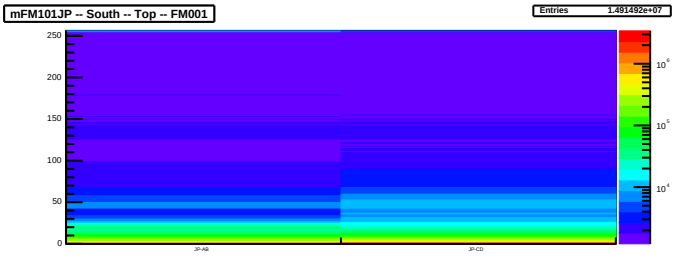
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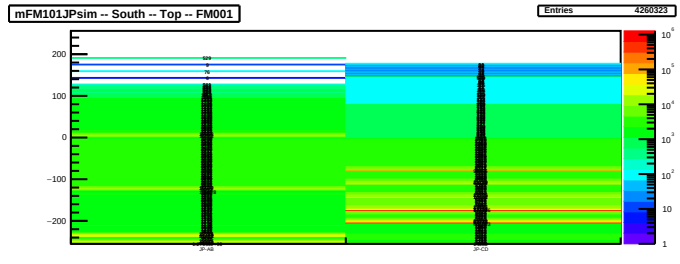
Entries 1.491492e+07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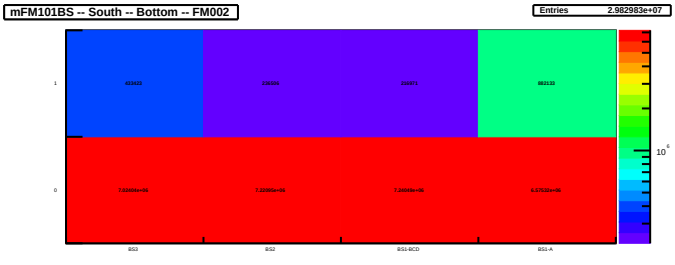
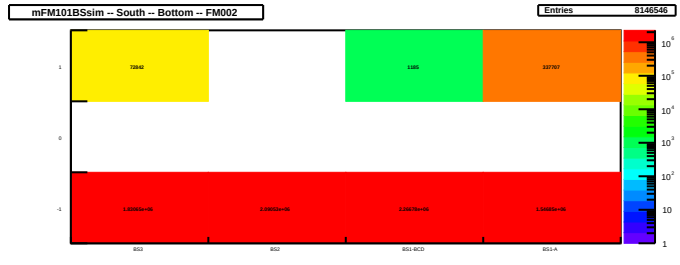

mFM101BS -- South -- Bottom -- FM002
Entries 2.982983e+07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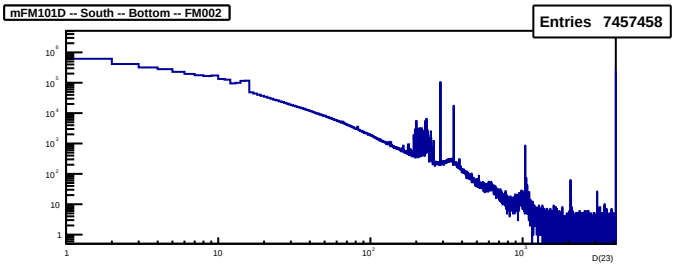
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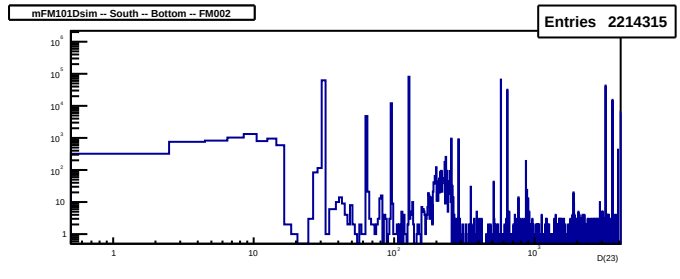
Entries 7457458
D(23)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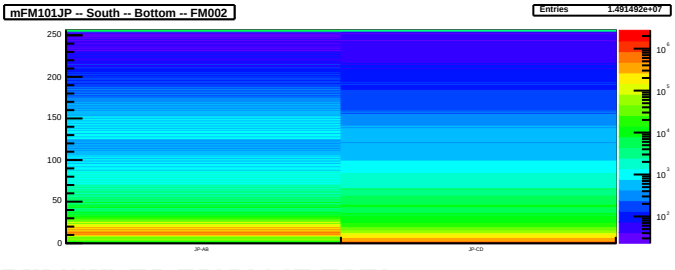
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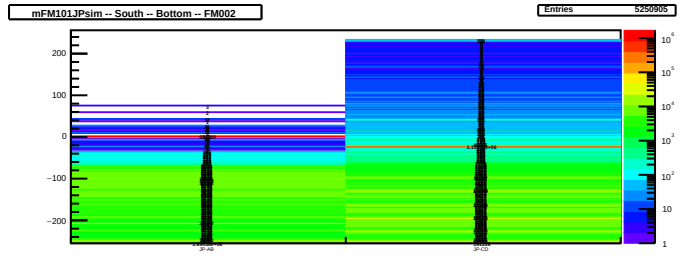
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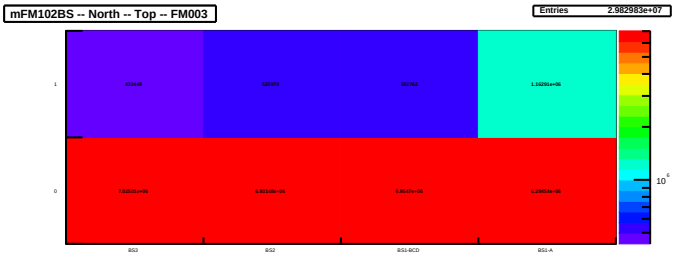
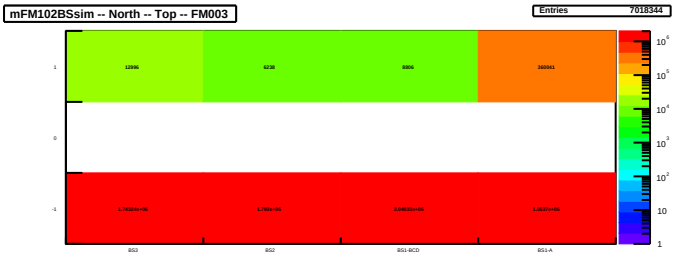

mFM102BS -- North -- Top -- FM003
Entries 2.982983e+07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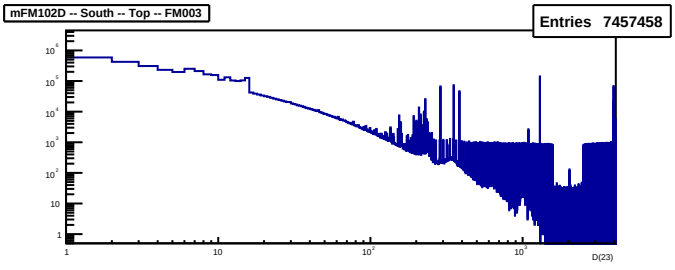
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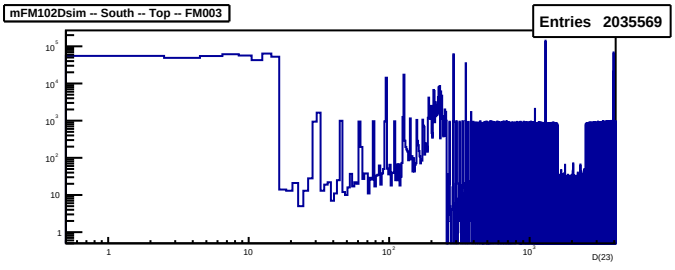
D(23)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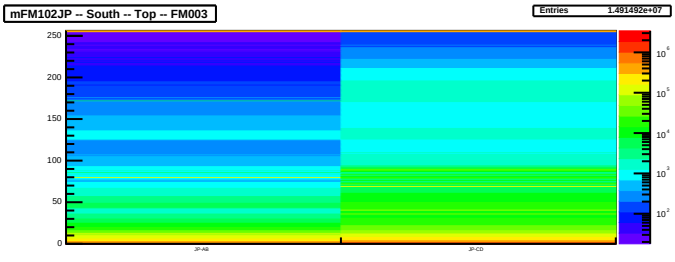
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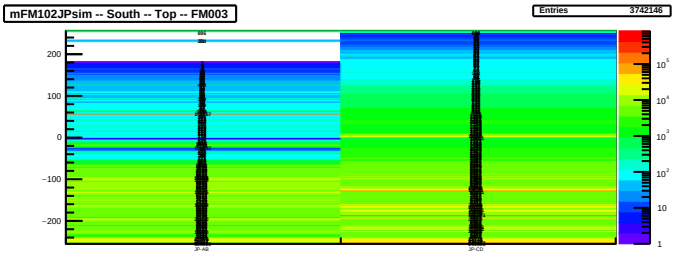
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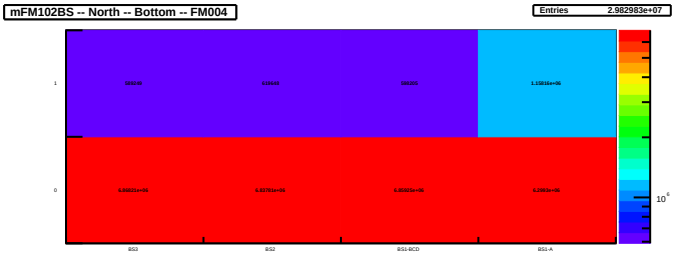
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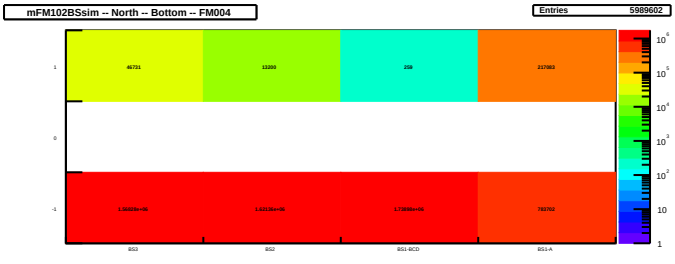
Entries 2.982983e+07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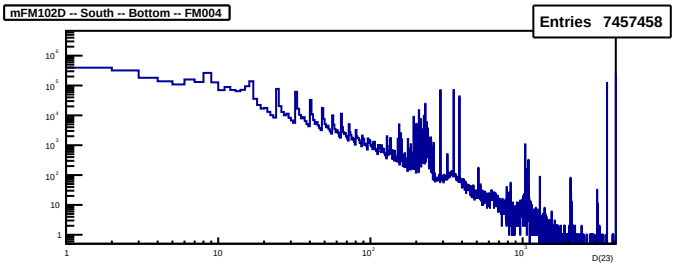
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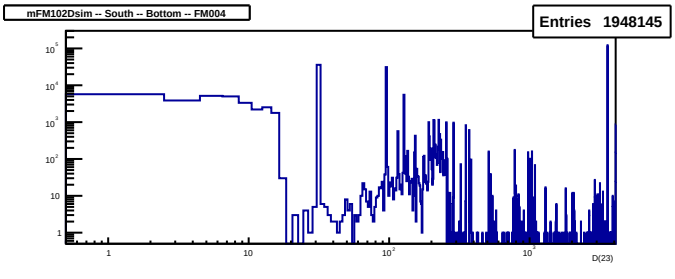
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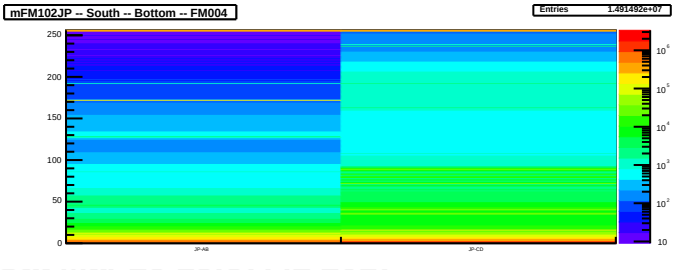
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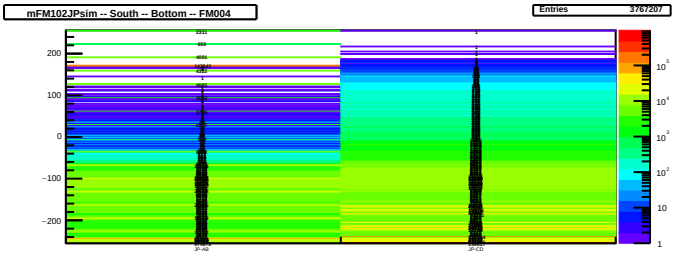
Entries 1.491492e+07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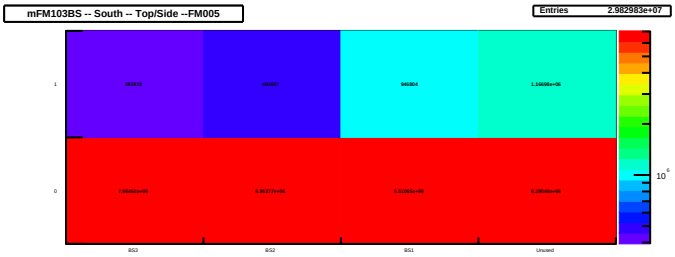
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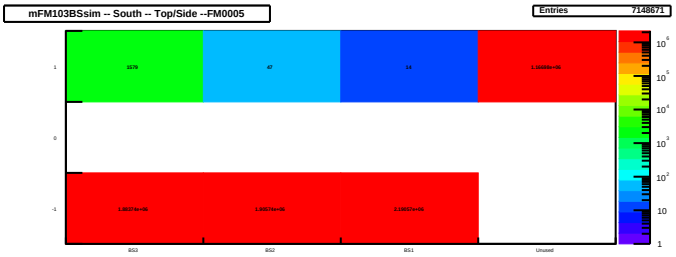
Entries 2.982983e+07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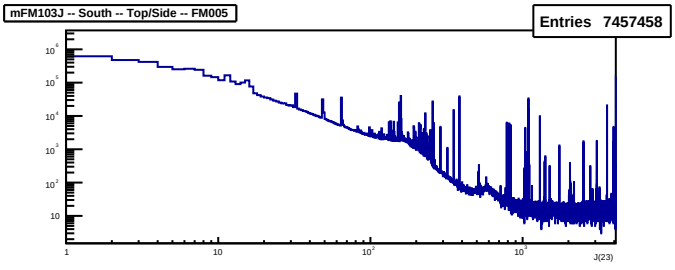
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Entries 7457458
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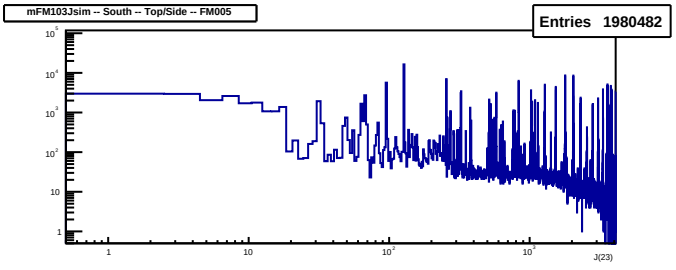
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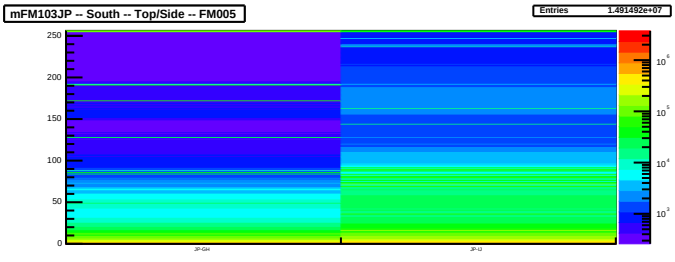
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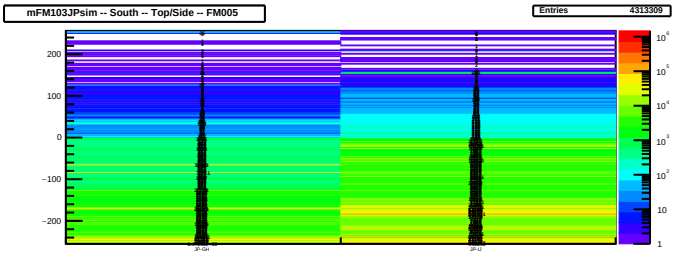
Entries 1.491492e+07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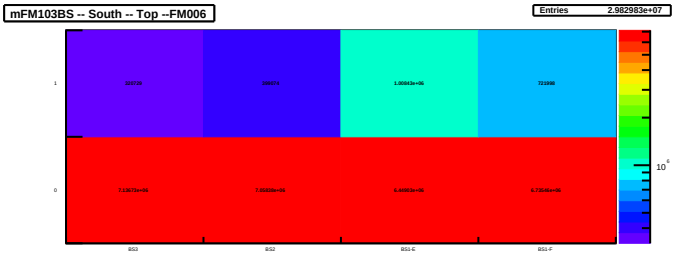
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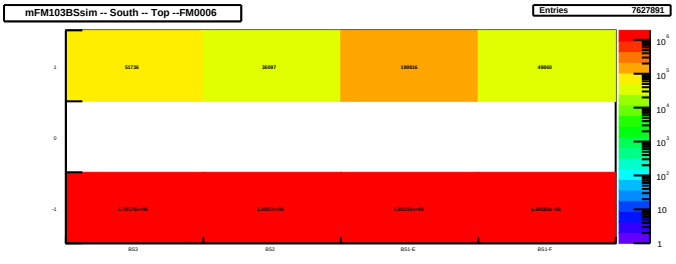
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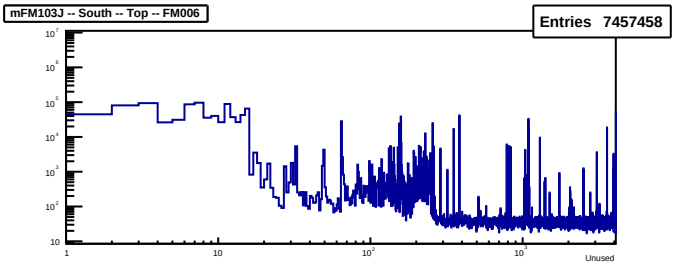
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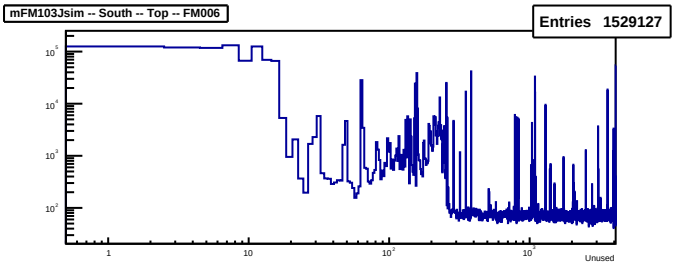
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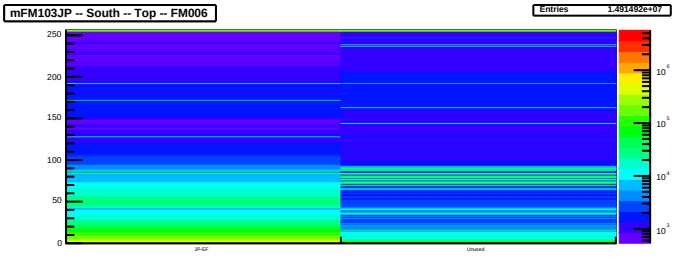
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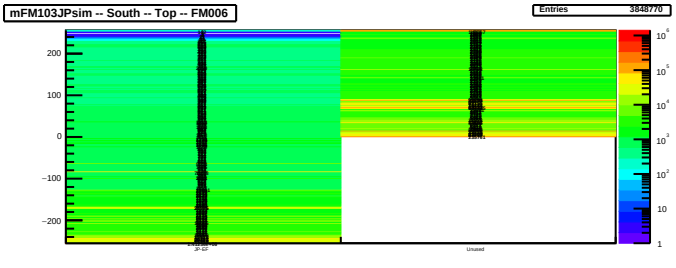
Entries 1.491492e+07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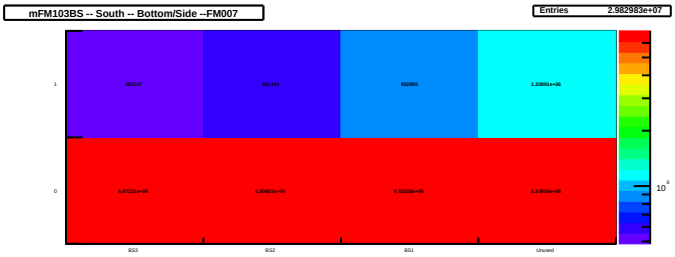
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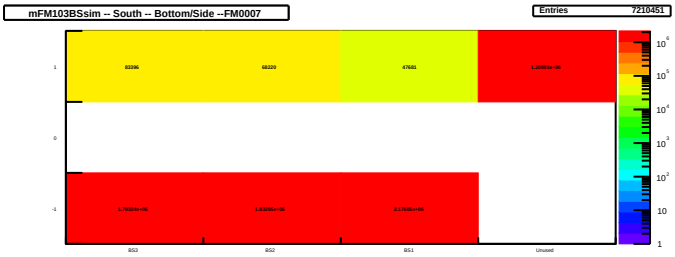
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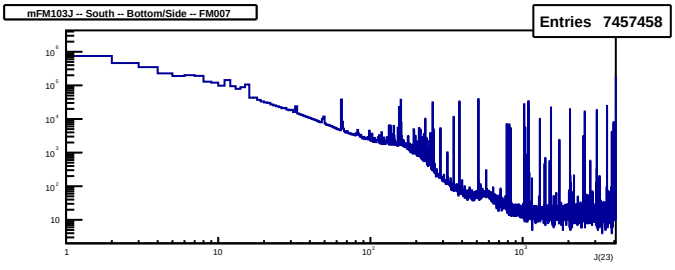
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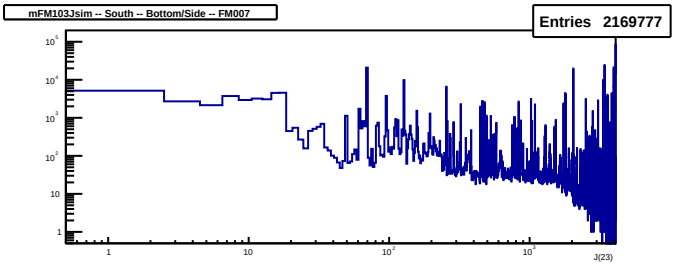
Entries 7457458
J(23)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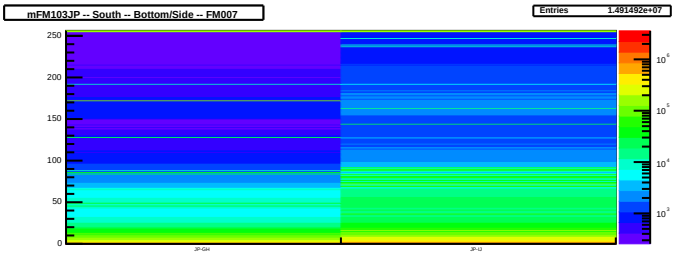
J(23)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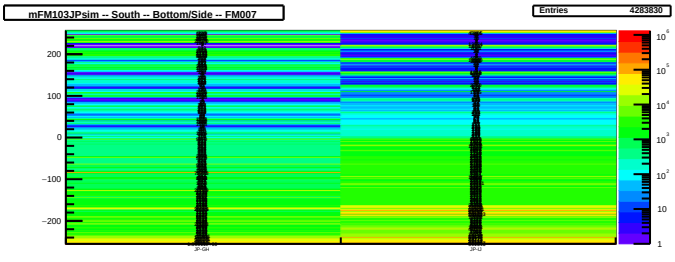
Entries 1.491492e+07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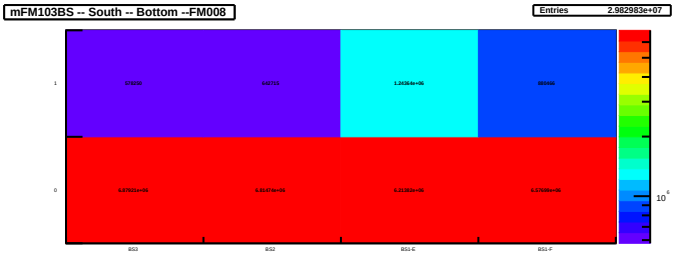
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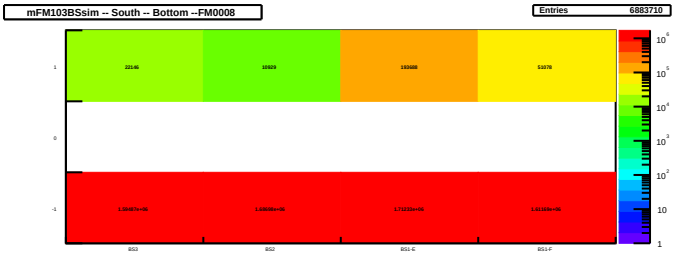
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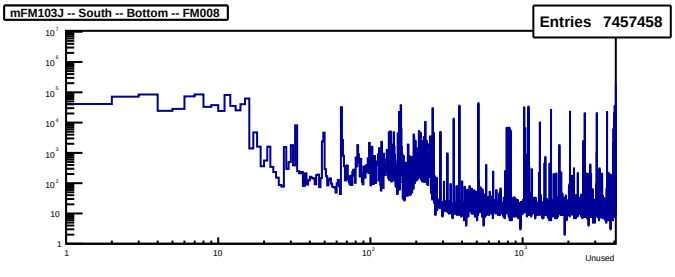
mFM103J -- South -- Bottom -- FM008
Entries 7457458
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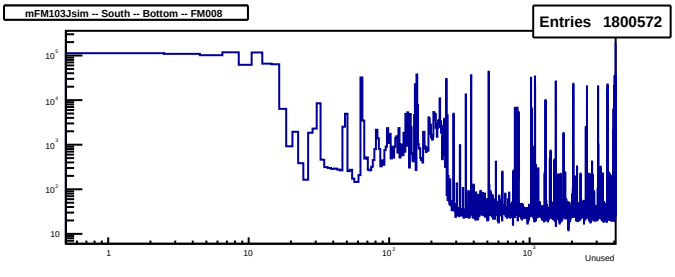
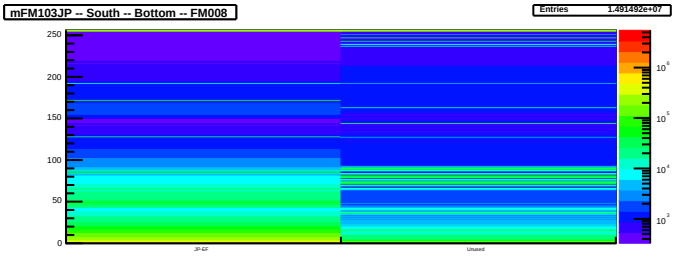
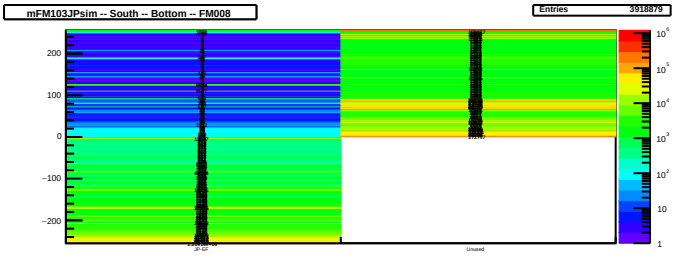
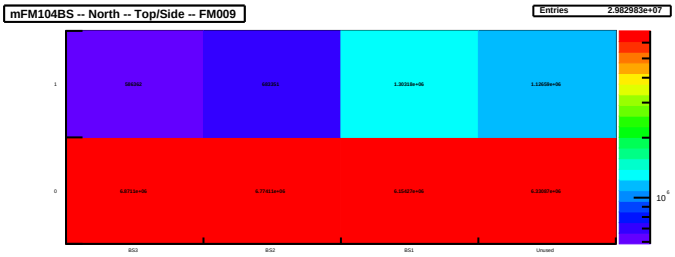
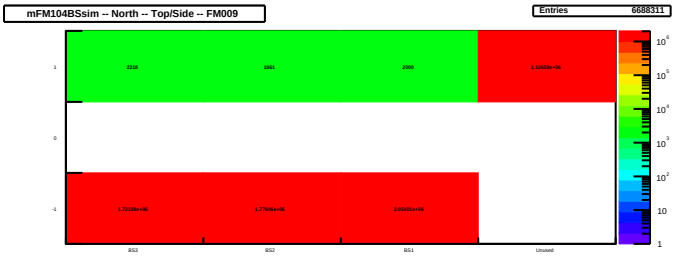
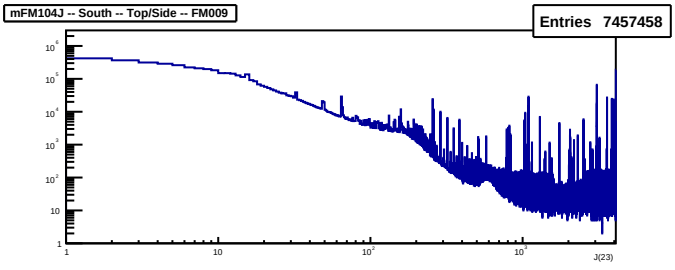

mFM103Jsim -- South -- Bottom -- FM008
Entries 1800572
Unused

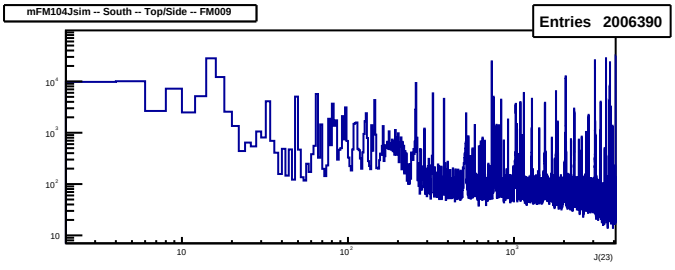

mFM103JP -- South -- Bottom -- FM008
Entries 1.491492e+07


mFM103JPsim -- South -- Bottom -- FM008
Entries 3918879


mFM104BS -- North -- Top/Side -- FM009
Entries 2.982983e+07


mFM104BSsim -- North -- Top/Side -- FM009
Entries 6688311


mFM104J -- South -- Top/Side -- FM009
Entries 7457458
J(23)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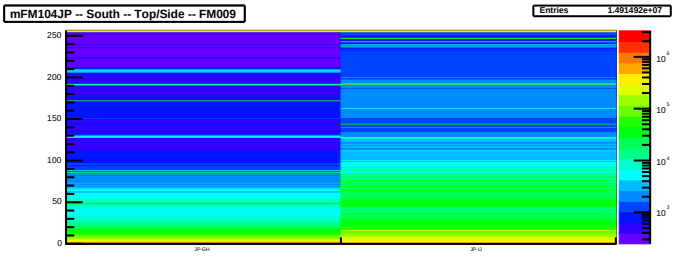
J(23)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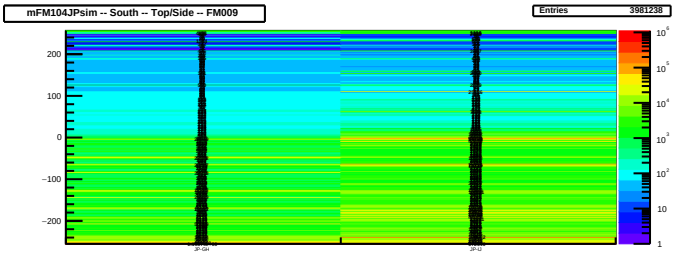
Entries 1.491492e+07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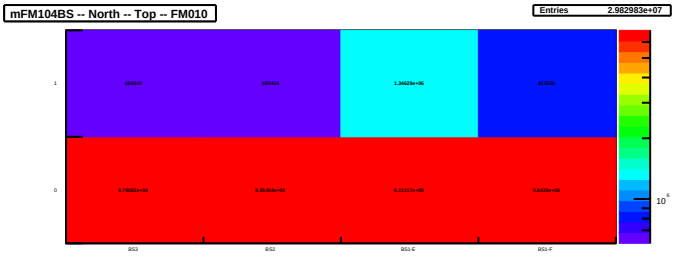
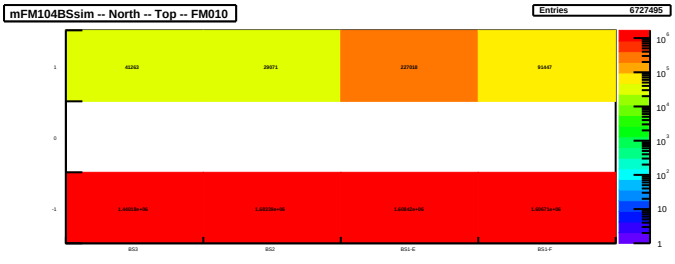
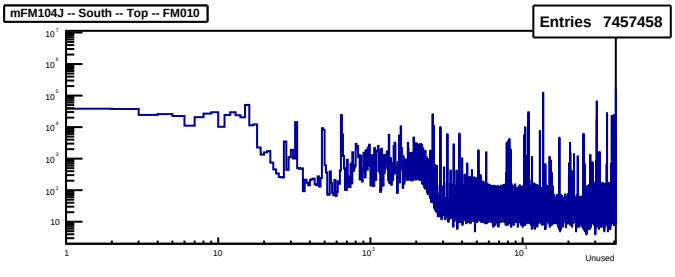
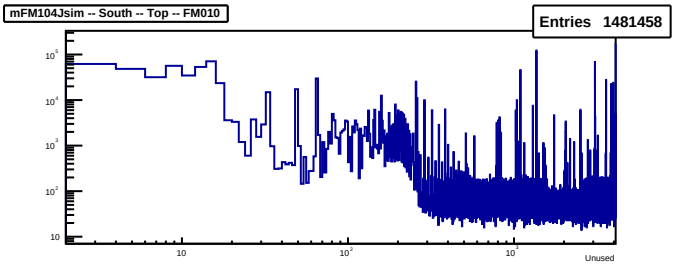
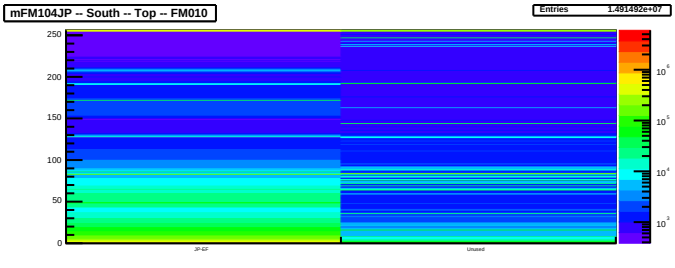
Entries 3981238

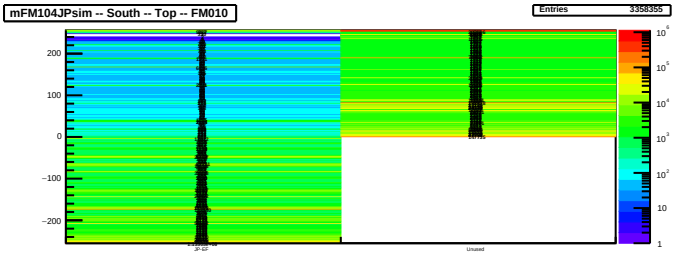

mFM104BS -- North -- Top -- FM010
Entries 2.982983e+07

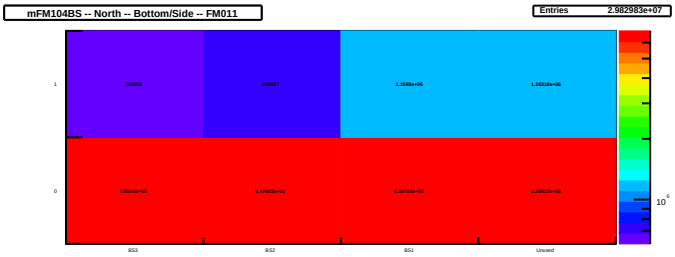

mFM104BSsim -- North -- Top -- FM010
Entries 6727495

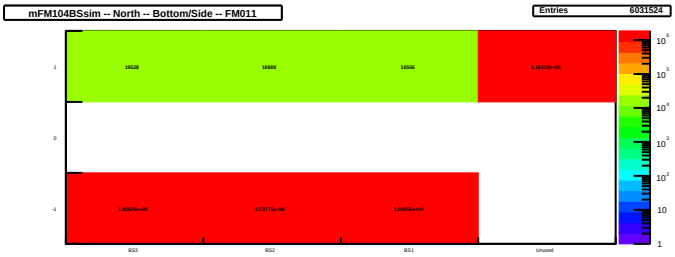

mFM104J -- South -- Top -- FM010
Entries 7457458
Unused

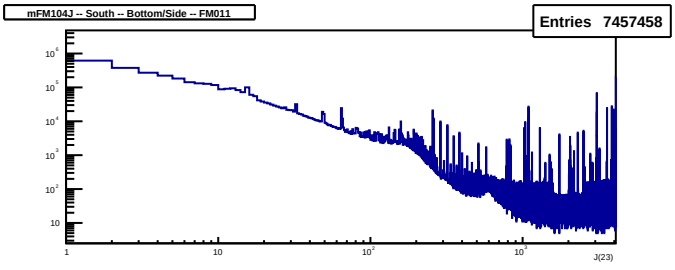

mFM104Jsim -- South -- Top -- FM010
Entries 1481458
Unused

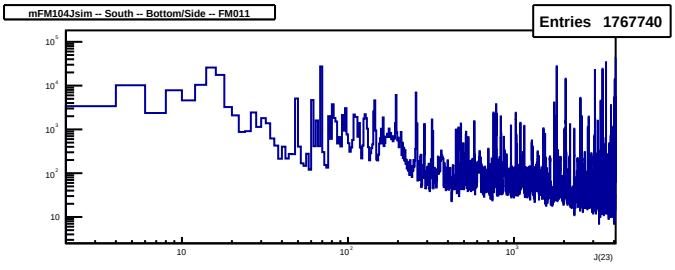

mFM104JP -- South -- Top -- FM010
Entries 1.491492e+07

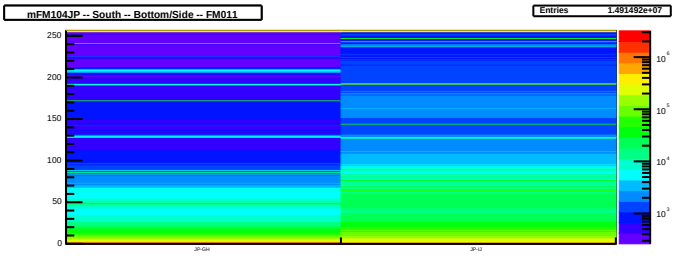

mFM104JPsim -- South -- Top -- FM010
Entries 3358355

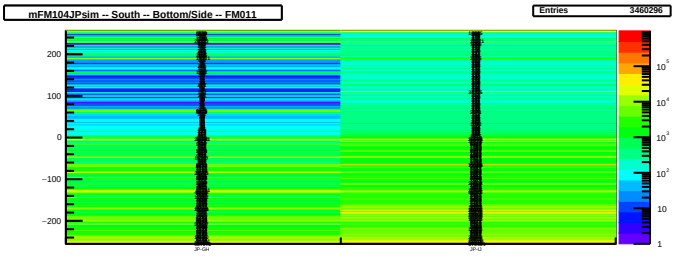

mFM104BS -- North -- Bottom/Side -- FM011
Entries 2.982983e+07

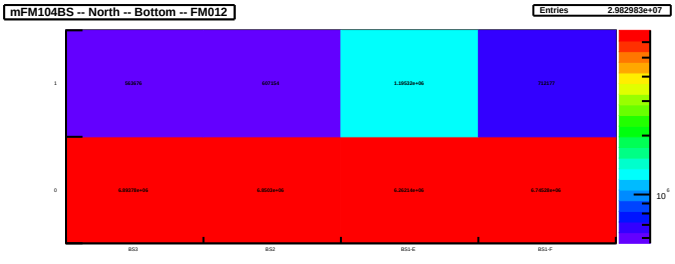

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 6031524

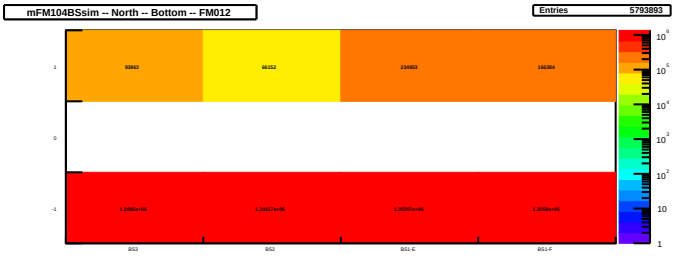

mFM104J -- South -- Bottom/Side -- FM011
Entries 7457458
J(23)


mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 1767740
J(23)


mFM104JP -- South -- Bottom/Side -- FM011
Entries 1.491492e+07


mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 3460296


mFM104BS -- North -- Bottom -- FM012
Entries 2.982983e+07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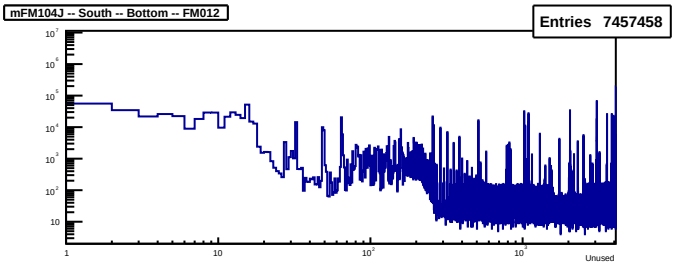
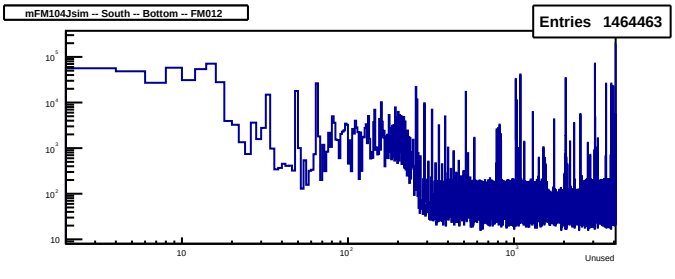
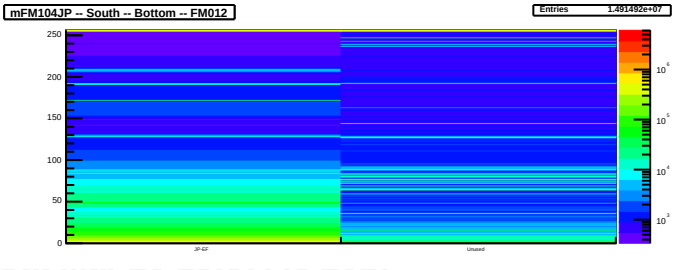
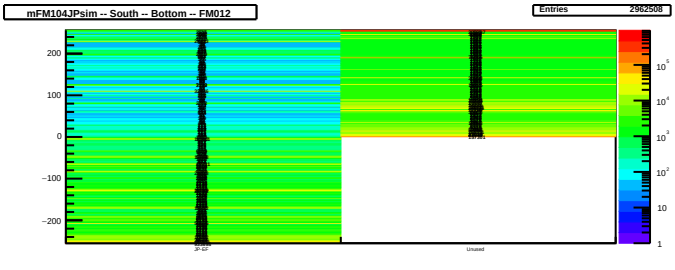
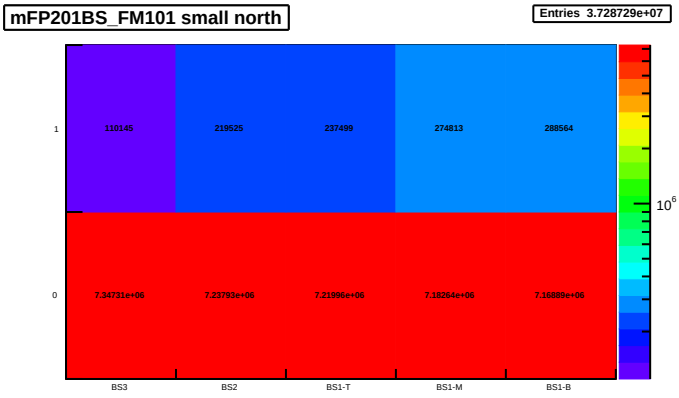
Entries 5793893

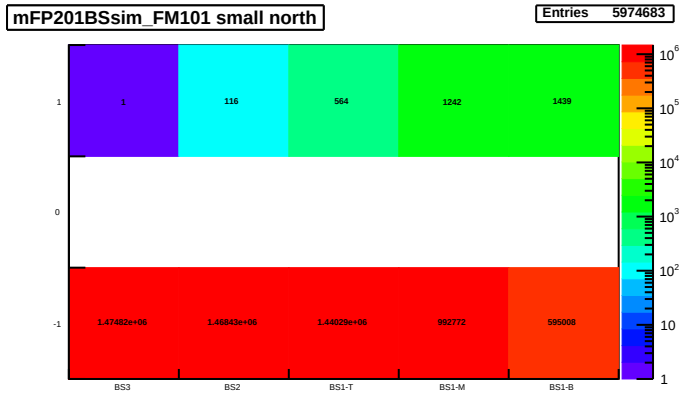

mFM104J -- South -- Bottom -- FM012
Entries 7457458
Unused

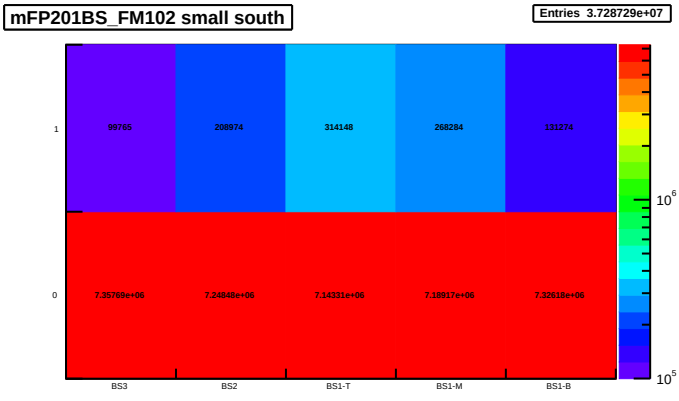

mFM104Jsim -- South -- Bottom -- FM012
Entries 1464463
Unused

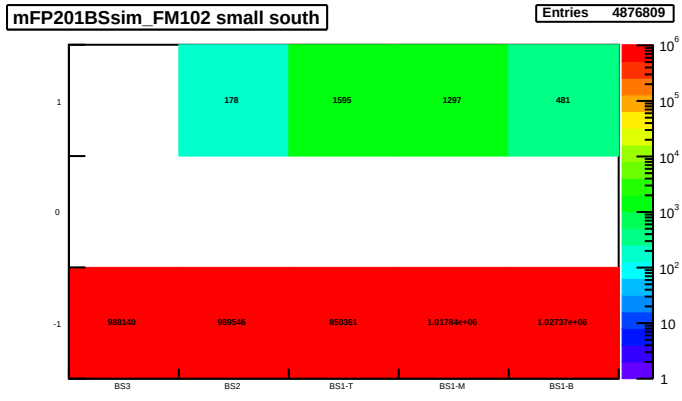

mFM104JP -- South -- Bottom -- FM012
Entries 1.491492e+07

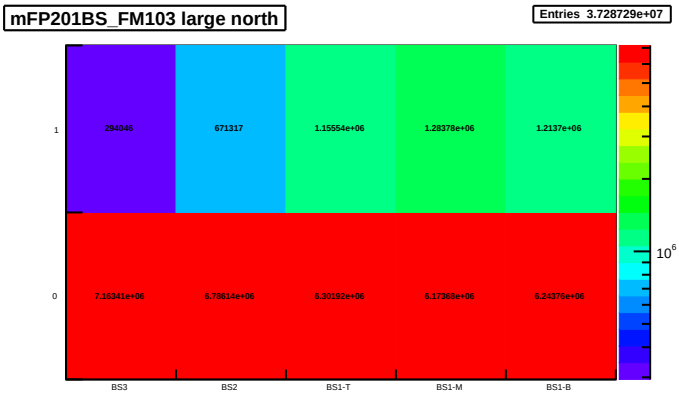

mFM104JPsim -- South -- Bottom -- FM012
Entries 2962508

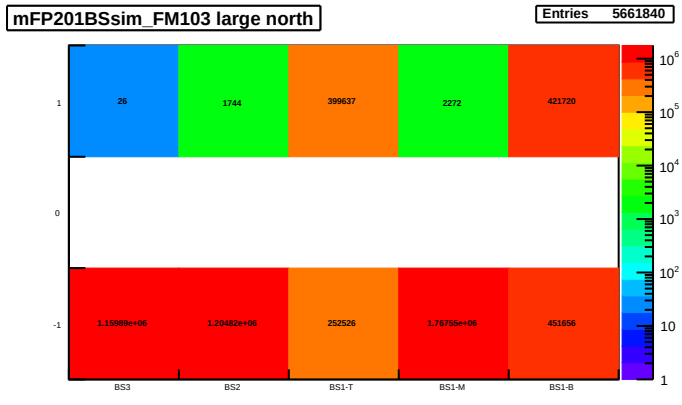

mFP201BS_FM101 small north
Entries 3.728729e+07
1
0
110145
219525
237499
274813
288564
7.34731e+06
7.23793e+06
7.21996e+06
7.18264e+06
7.16889e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6


mFP201BSsim_FM101 small north
Entries 5974683
1
0
-1
1
116
564
1242
1439
1.47482e+06
1.46843e+06
1.44029e+06
992772
595008
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 3.728729e+07
1
0
99765
208974
314148
268284
131274
7.35769e+06
7.24848e+06
7.14331e+06
7.18917e+06
7.32618e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6
10^5


mFP201BSsim_FM102 small south
Entries 4876809
1
0
-1
178
1595
1297
481
988140
989546
850361
1.01784e+06
1.02737e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6
10^5
10^4
10^3
10^2
10
1


mFP201BS_FM103 large north
Entries 3.728729e+07
1
0
294046
671317
1.15554e+06
1.28378e+06
1.2137e+06
7.16341e+06
6.78614e+06
6.30192e+06
6.17368e+06
6.24376e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6


mFP201BSsim_FM103 large north
Entries 5661840
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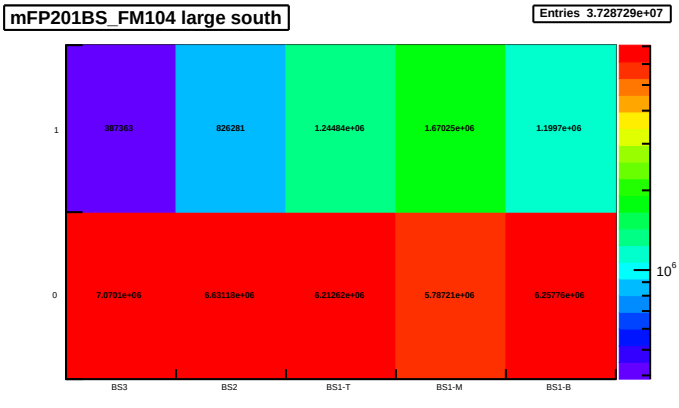
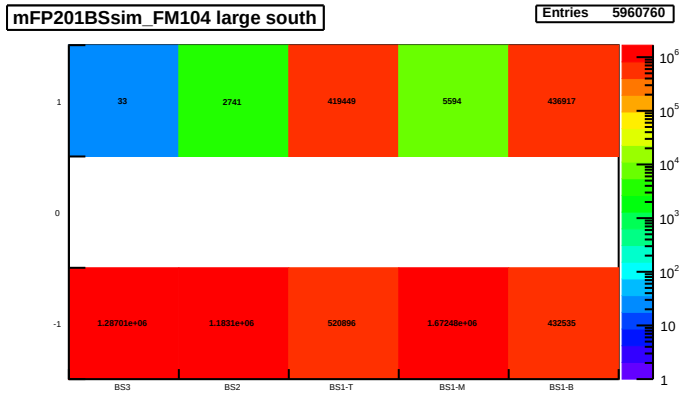
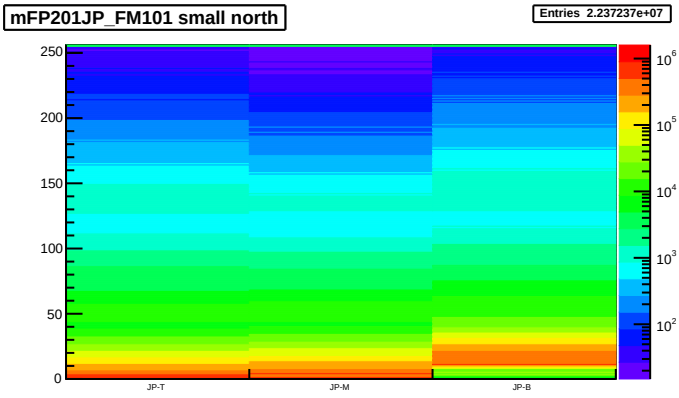
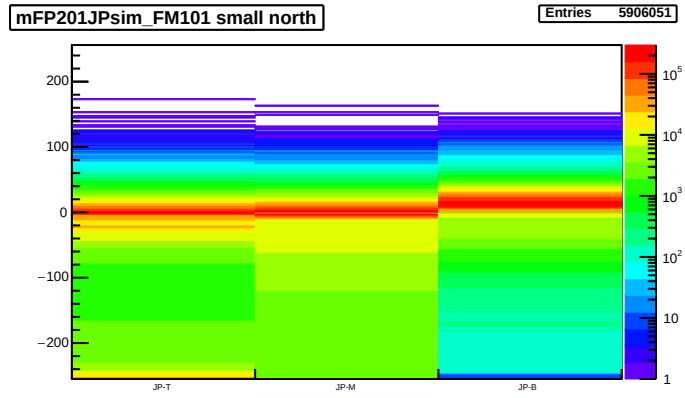
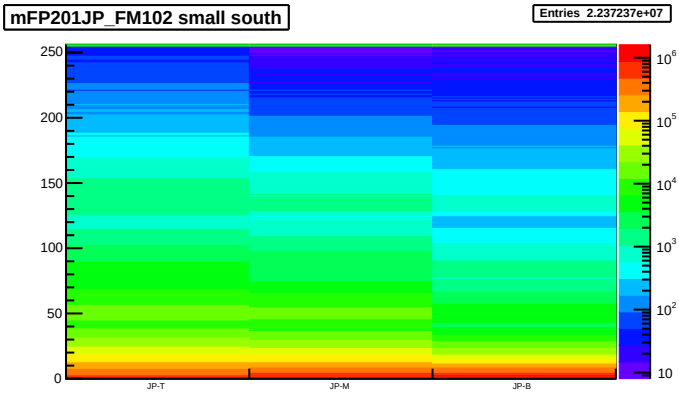
0
-1
26
1744
399637
2272
421720
1.15989e+06
1.20482e+06
252526
1.76755e+06
451656
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6
10^5
10^4
10^3
10^2
10
1

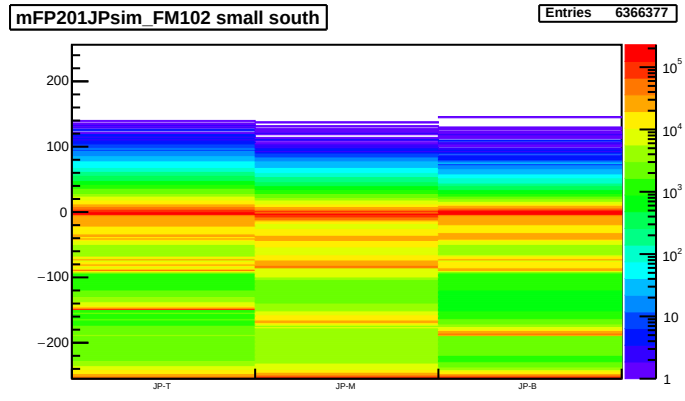

mFP201BS_FM104 large south
Entries 3.728729e+07
1
0
387363
826281
1.24484e+06
1.67025e+06
1.1997e+06
7.0701e+06
6.63118e+06
6.21262e+06
5.78721e+06
6.25776e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6

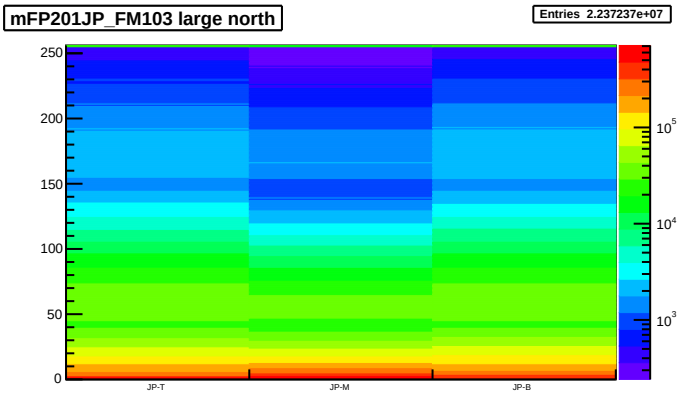

mFP201BSsim_FM104 large south
Entries 5960760
1
0
-1
33
2741
419449
5594
436917
1.28701e+06
1.1831e+06
520896
1.67248e+06
432535
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6
10^5
10^4
10^3
10^2
10
1

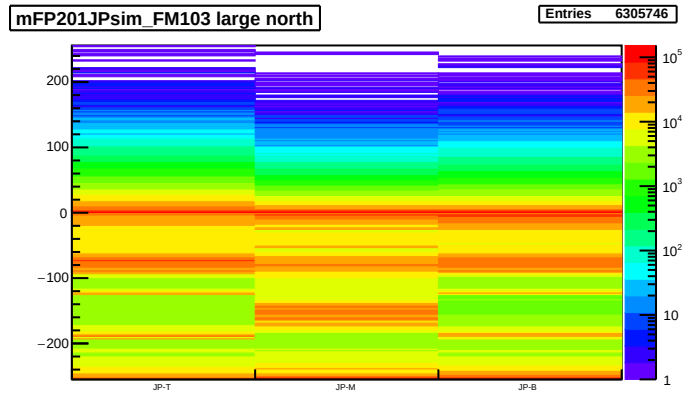

mFP201JP_FM101 small north
Entries 2.237237e+07
JP-T
JP-M
JP-B

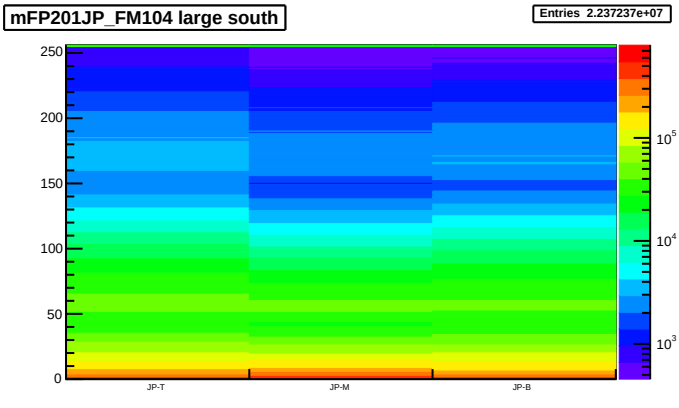

mFP201JPsim_FM101 small north
Entries 5906051
JP-T
JP-M
JP-B

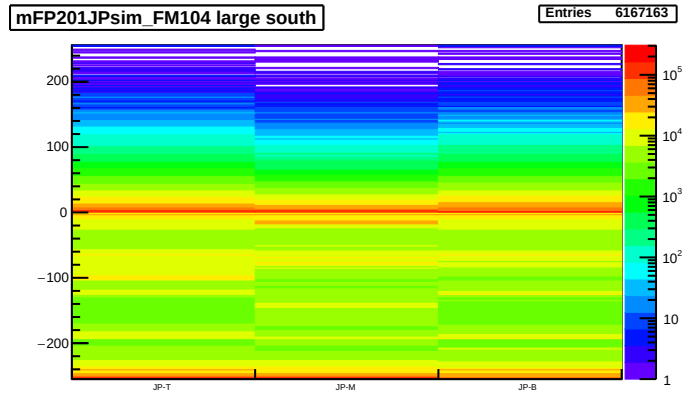

mFP201JP_FM102 small south
Entries 2.237237e+07
JP-T
JP-M
JP-B

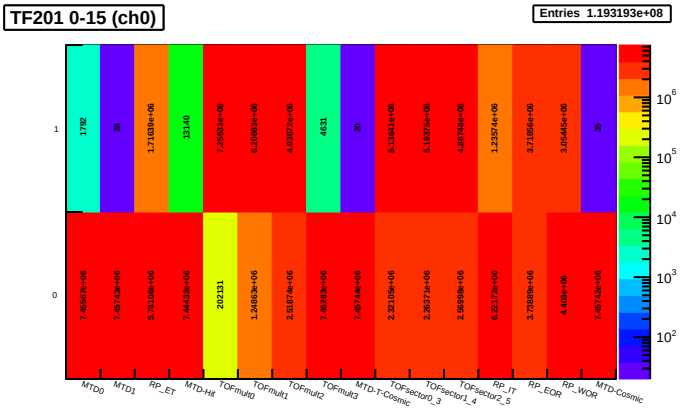

mFP201JPsim_FM102 small south
Entries 6366377
JP-T
JP-M
JP-B

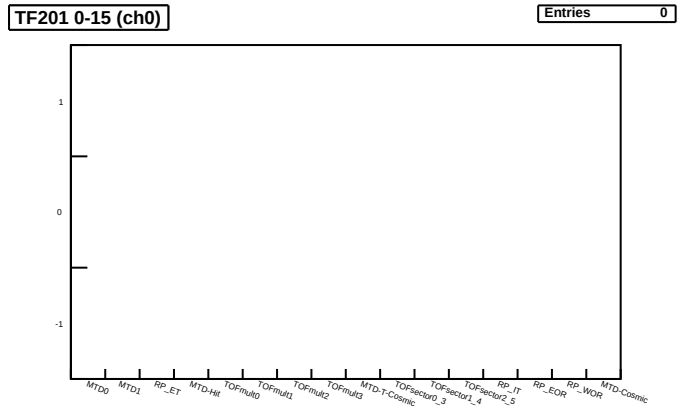

mFP201JP_FM103 large north
Entries 2.237237e+07
JP-T
JP-M
JP-B

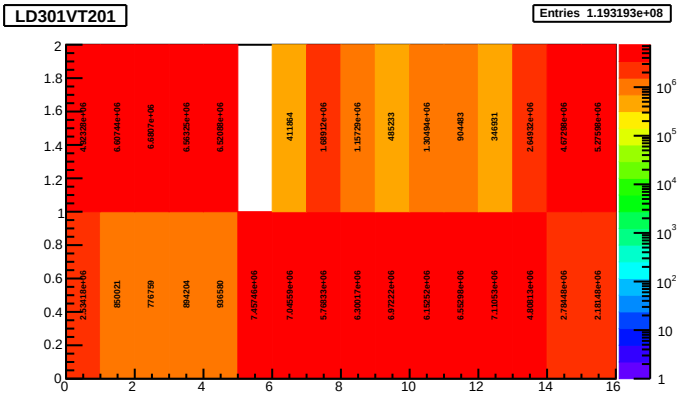

mFP201JPsim_FM103 large north
Entries 6305746
JP-T
JP-M
JP-B

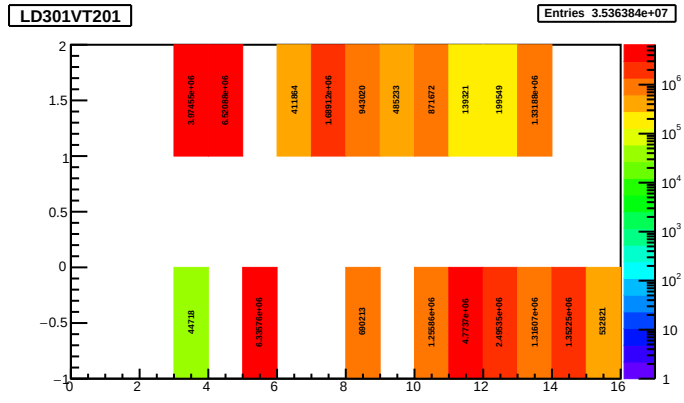

mFP201JP_FM104 large south
Entries 2.237237e+07
JP-T
JP-M
JP-B


mFP201JPsim_FM104 large south
Entries 6167163
JP-T
JP-M
JP-B


TF201 0-15 (ch0)
Entries 1.193193e+08
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 1.193193e+08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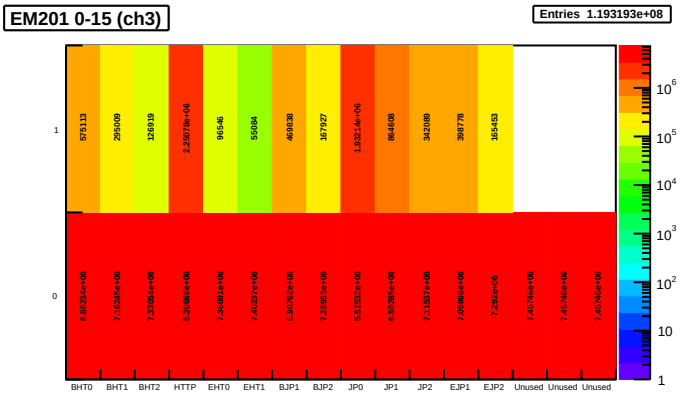
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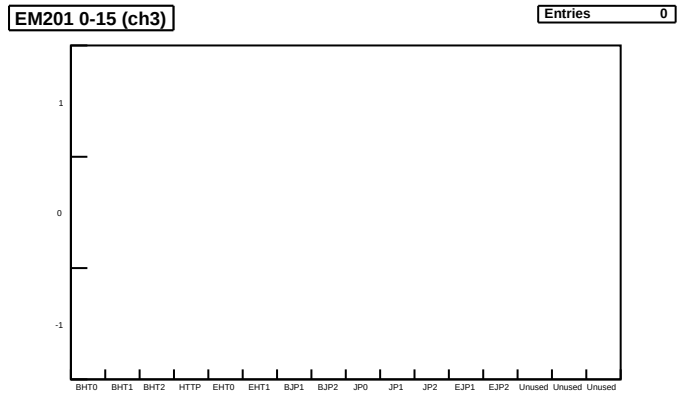
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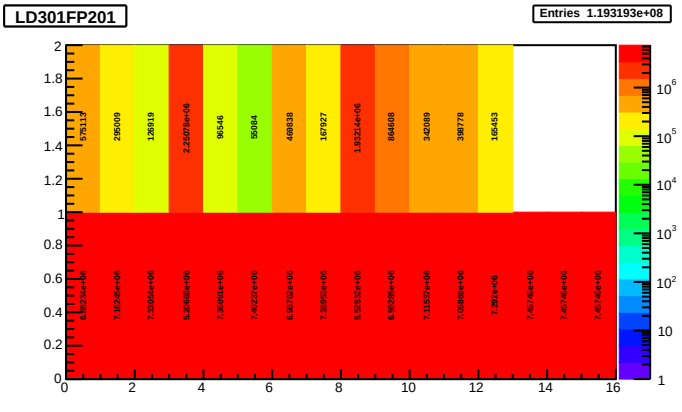
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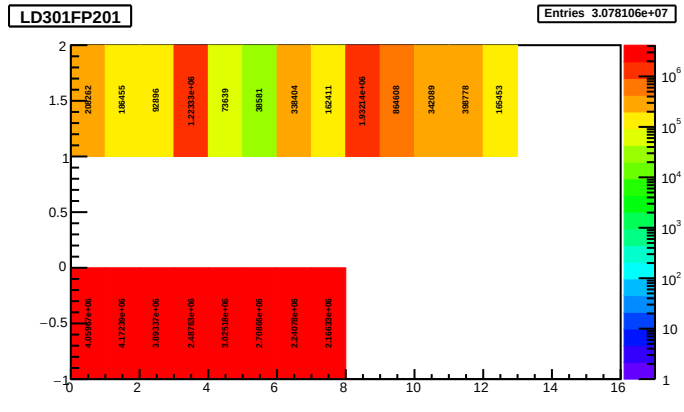
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