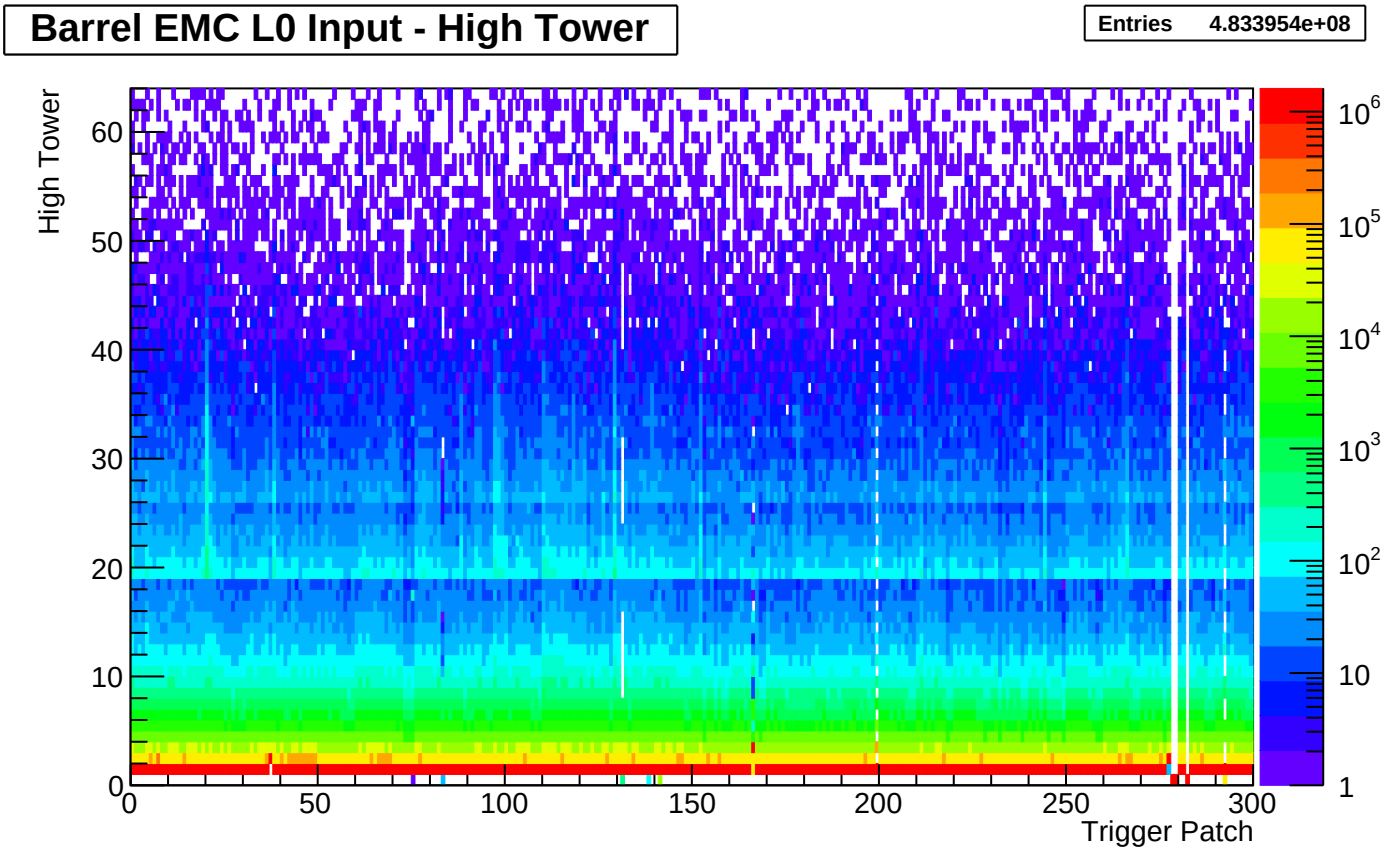
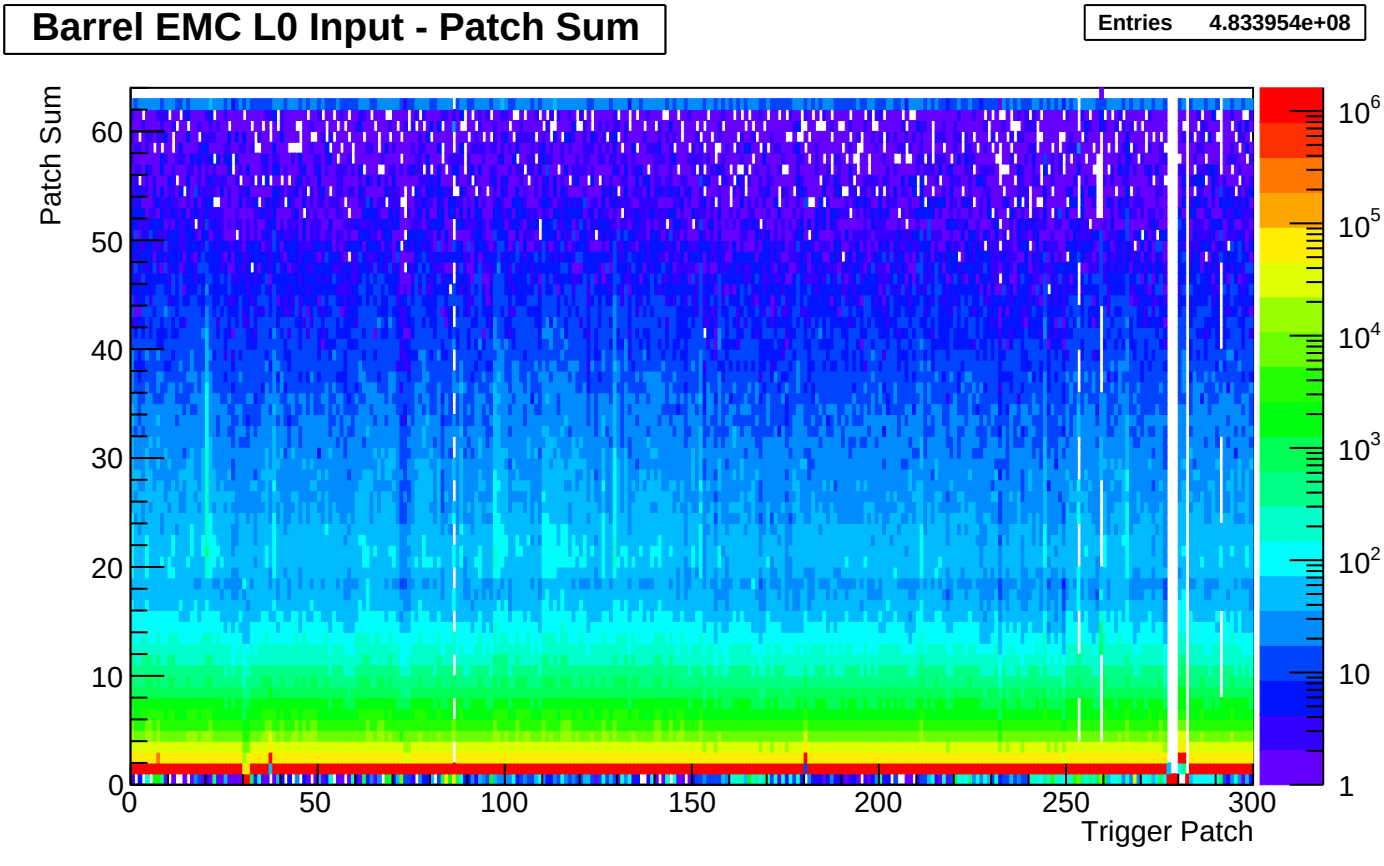
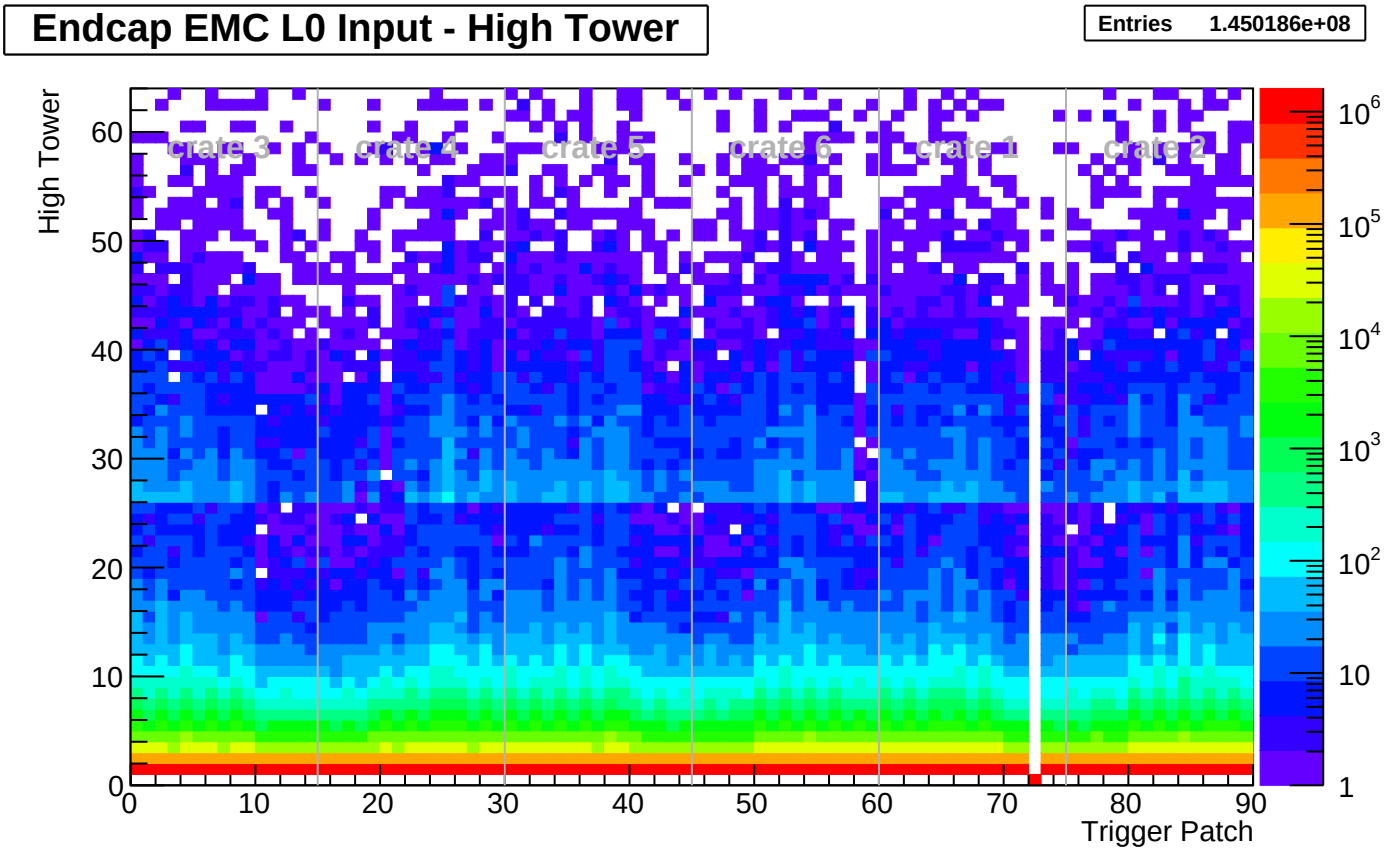
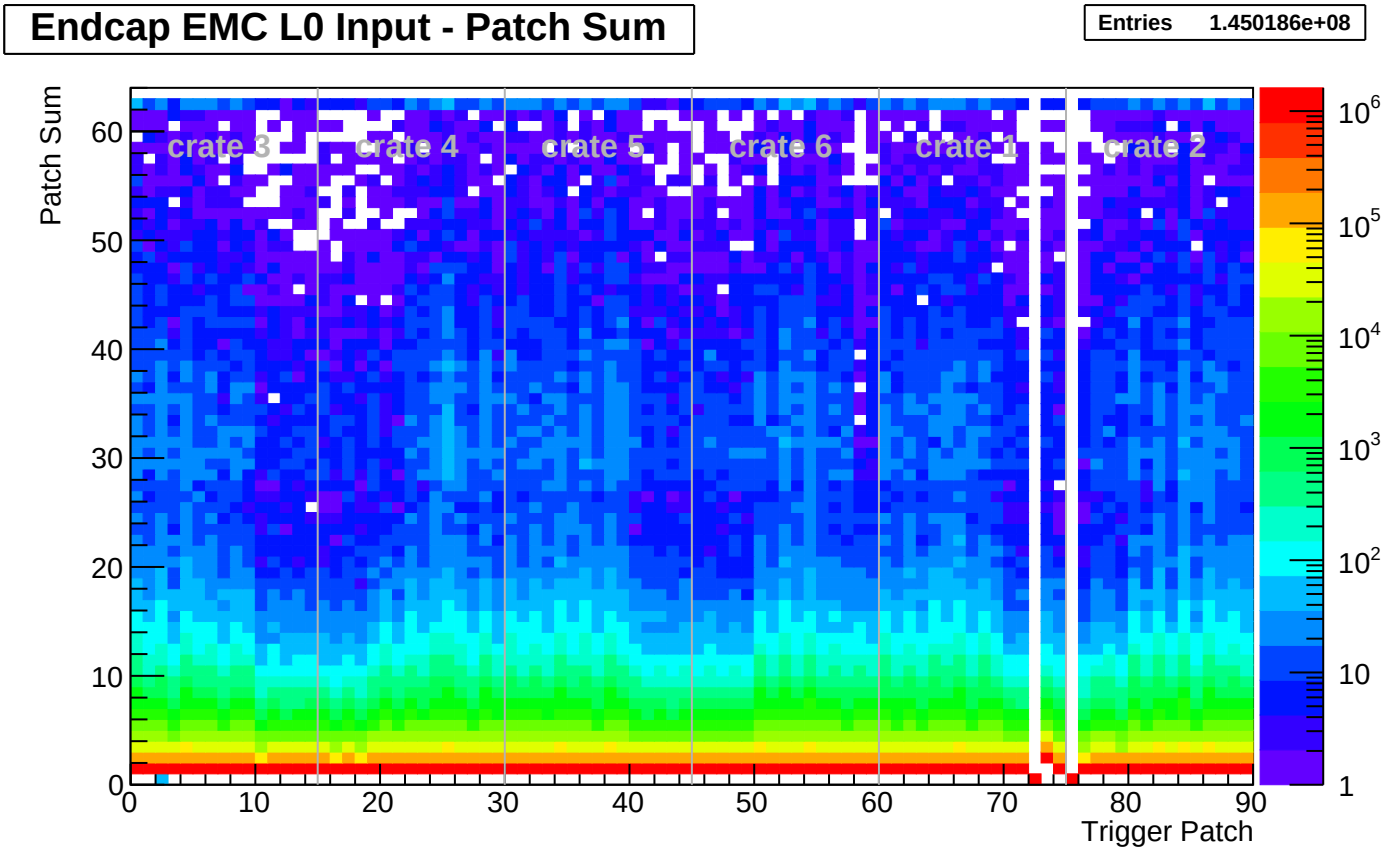
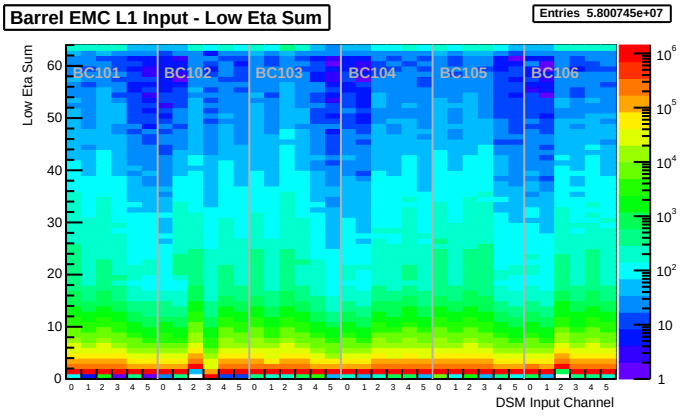
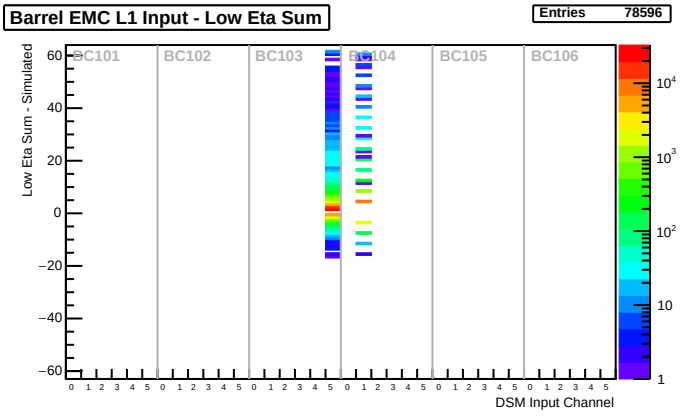

Barrel EMC L0 Input - High Tower
Entries 4.833954e+08
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

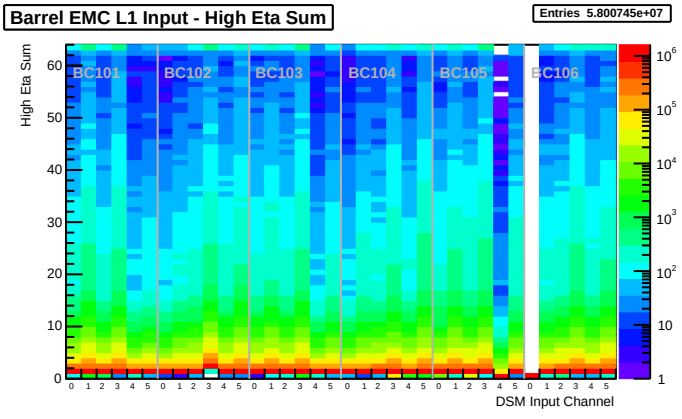

Barrel EMC L0 Input - Patch Sum
Entries 4.833954e+08
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

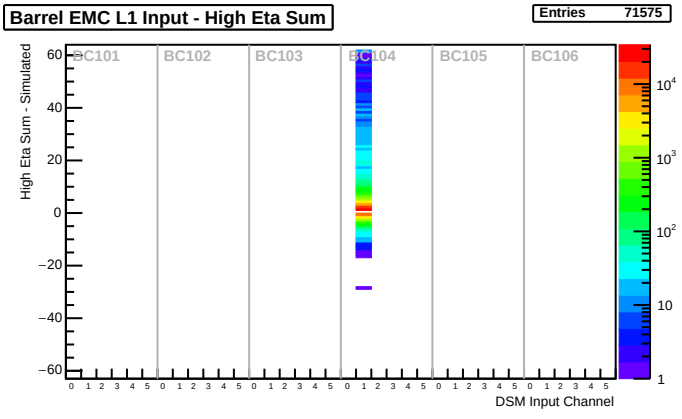

Endcap EMC L0 Input - High Tower
Entries 1.450186e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

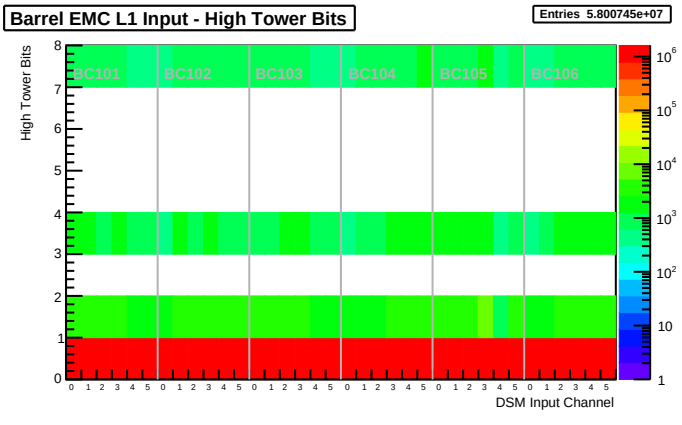

Endcap EMC L0 Input - Patch Sum
Entries 1.450186e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

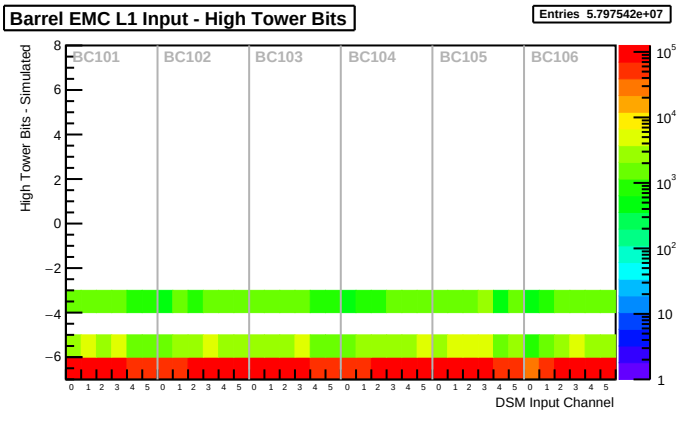

Barrel EMC L1 Input - Low Eta Sum
Entries 5.800745e+07
Low Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

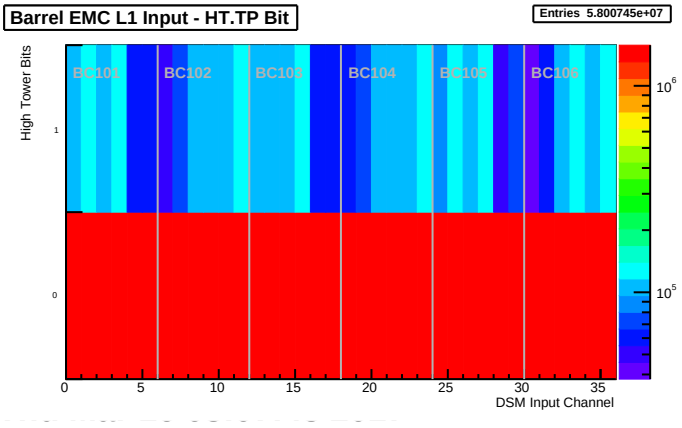

Barrel EMC L1 Input - Low Eta Sum
Entries 78596
Low Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

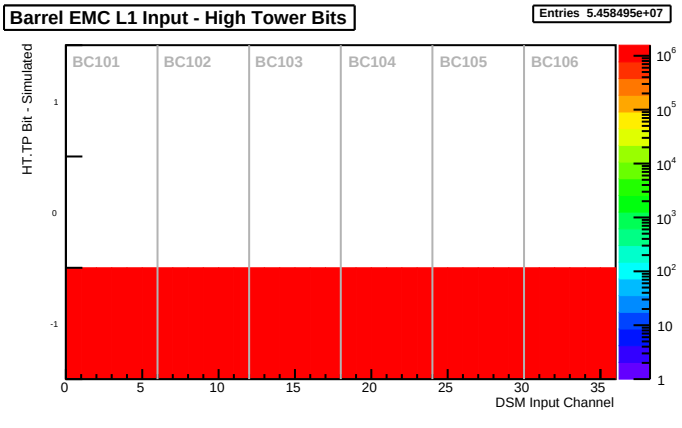

Barrel EMC L1 Input - High Eta Sum
Entries 5.800745e+07
High Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

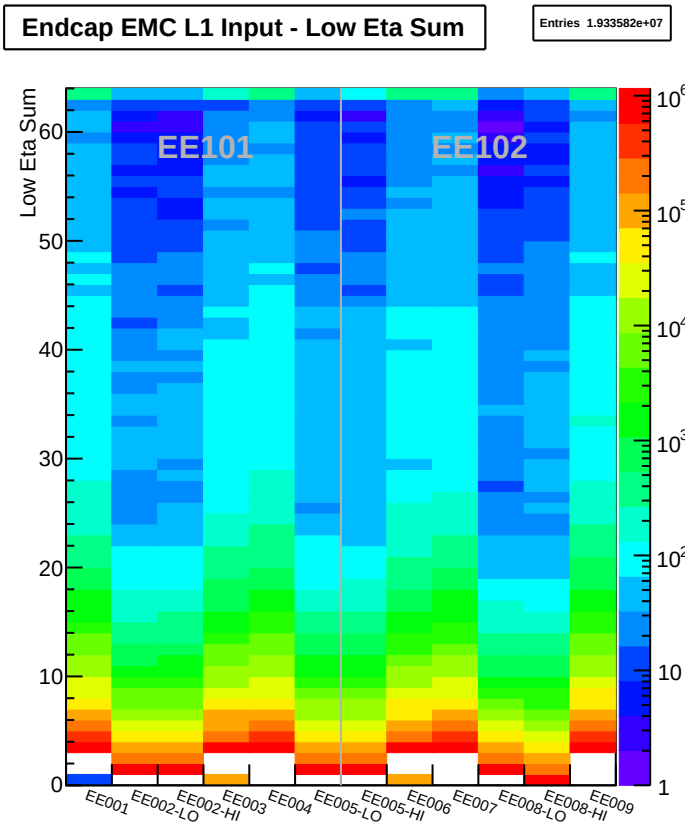

Barrel EMC L1 Input - High Eta Sum
Entries 71575
High Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

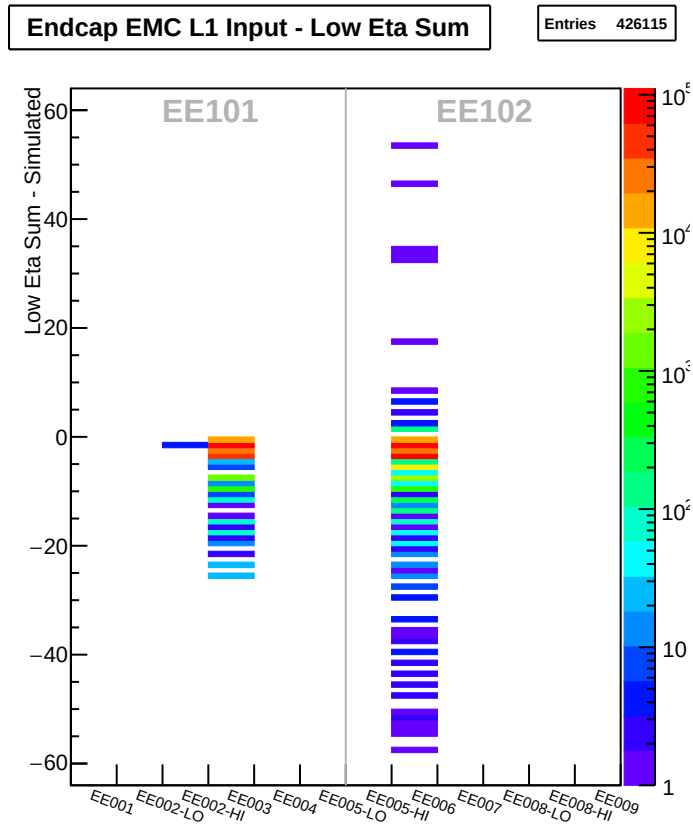

Barrel EMC L1 Input - High Tower Bits
Entries 5.800745e+07
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

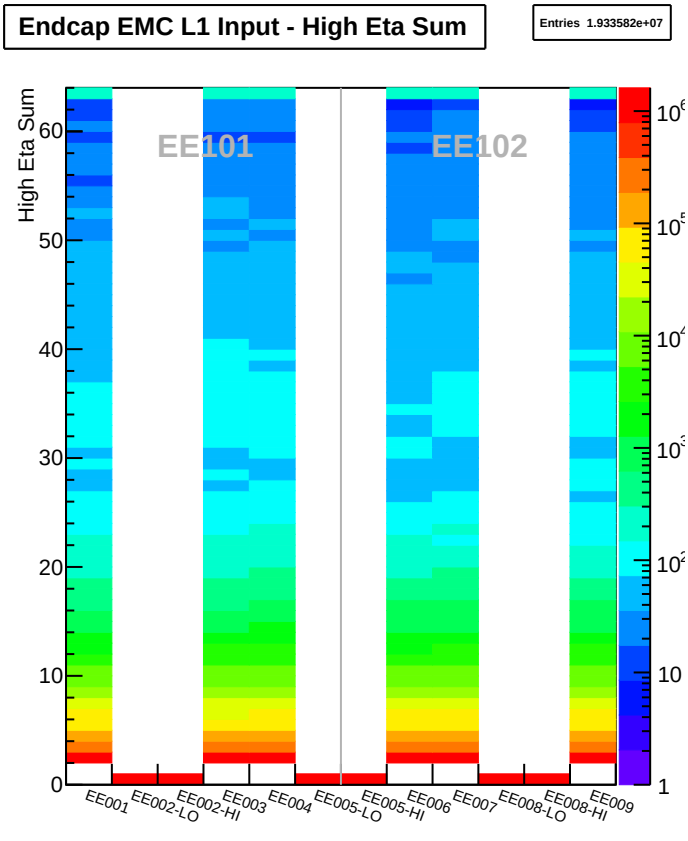

Barrel EMC L1 Input - High Tower Bits
Entries 5.797542e+07
High Tower Bits - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

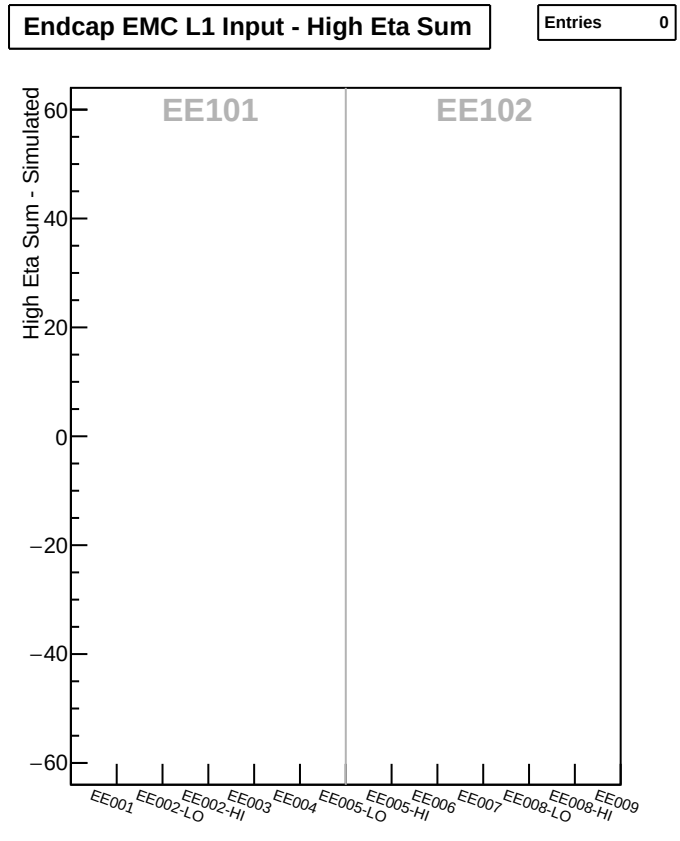

Barrel EMC L1 Input - HT.TP Bit
Entries 5.800745e+07
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel


Barrel EMC L1 Input - High Tower Bits
Entries 5.458495e+07
HT.TP Bit - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel


Endcap EMC L1 Input - Low Eta Sum
Entries 1.933582e+07
Low Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

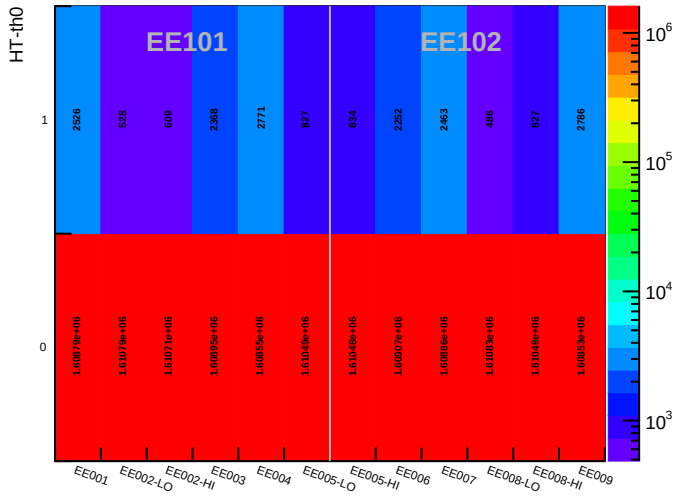

Endcap EMC L1 Input - Low Eta Sum
Entries 426115
Low Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009


Endcap EMC L1 Input - High Eta Sum
Entries 1.933582e+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

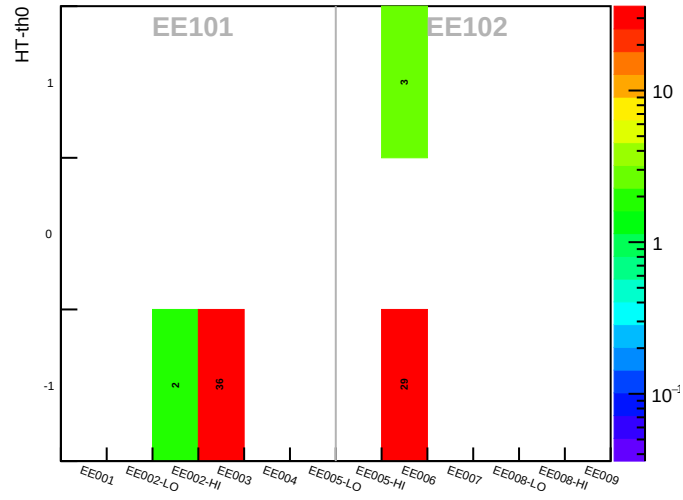
Endcap EMC L1 Input - HT-th0

Entries 1.933582e+07



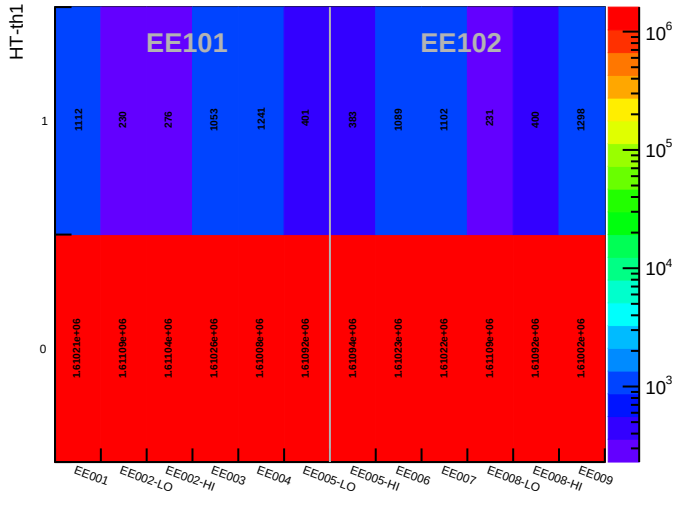
Endcap EMC L1 Input - HT-th0 Diff

Entries 70



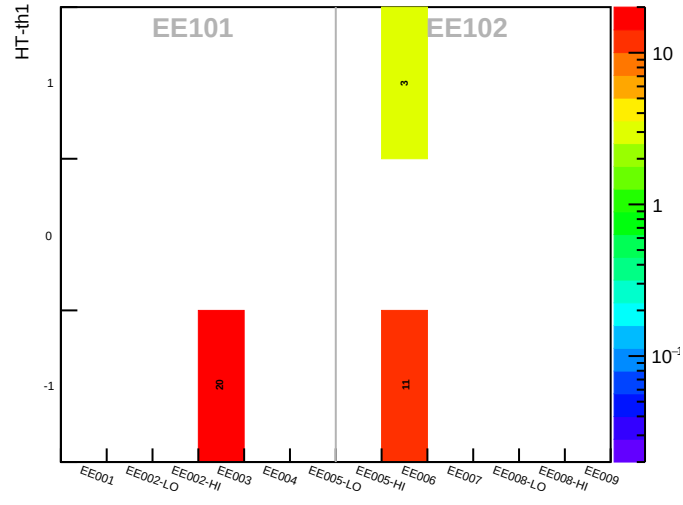
Endcap EMC L1 Input - HT-th1

Entries 1.933582e+07



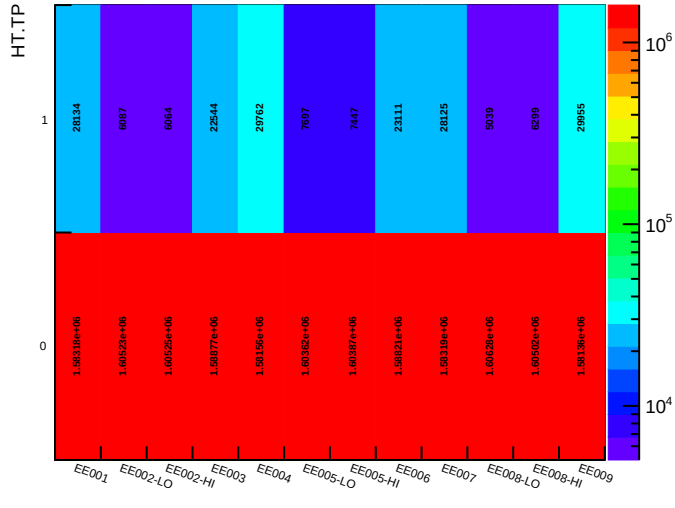
Endcap EMC L1 Input - HT-th1 Diff

Entries 34



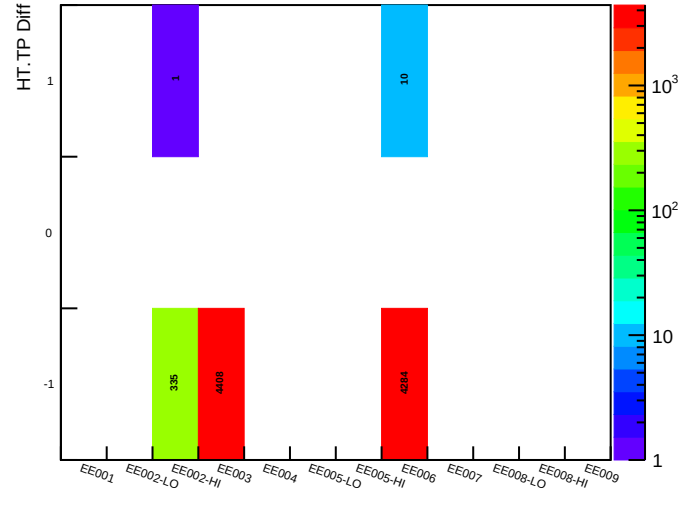
Endcap EMC L1 Input - HT.TP

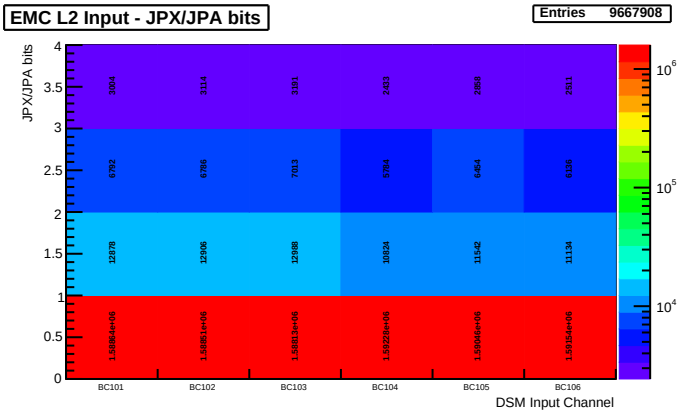
Entries 1.933582e+07

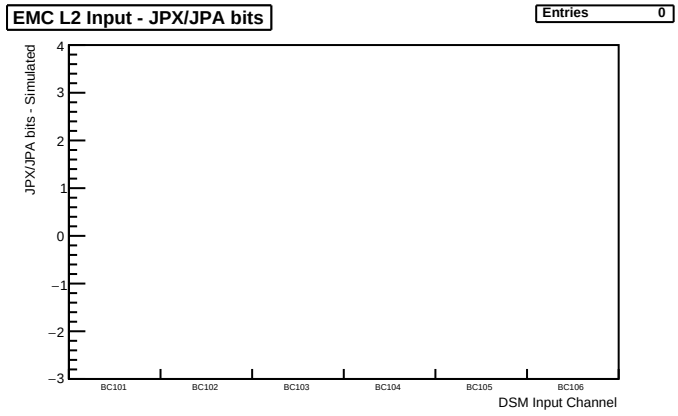


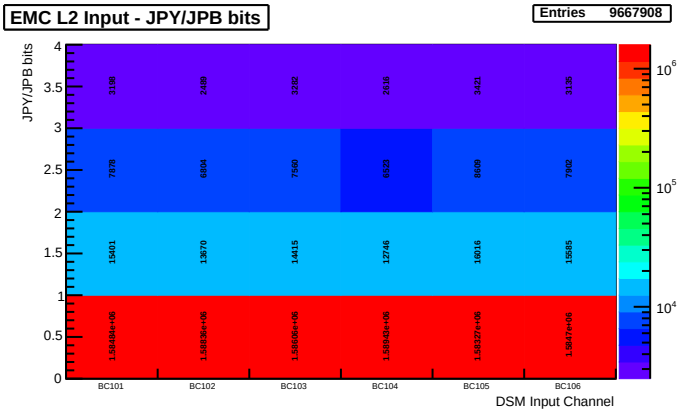
Endcap EMC L1 Input - HT.TP Diff

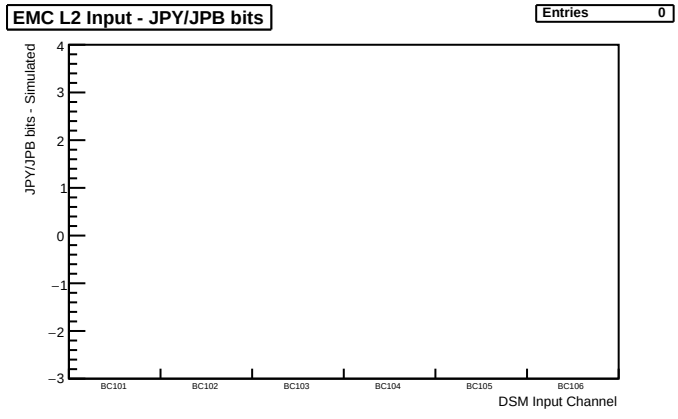
Entries 9038

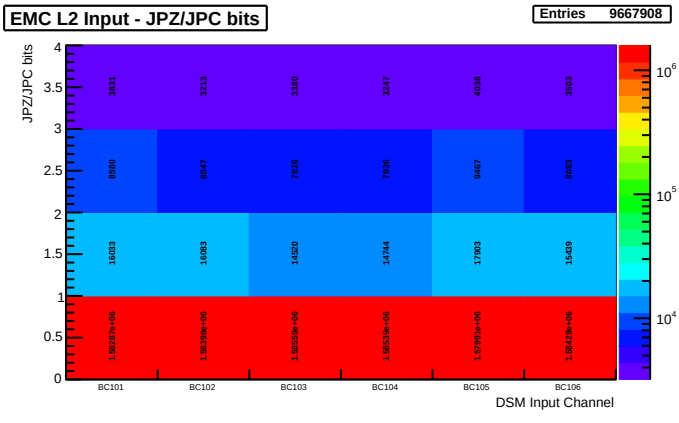


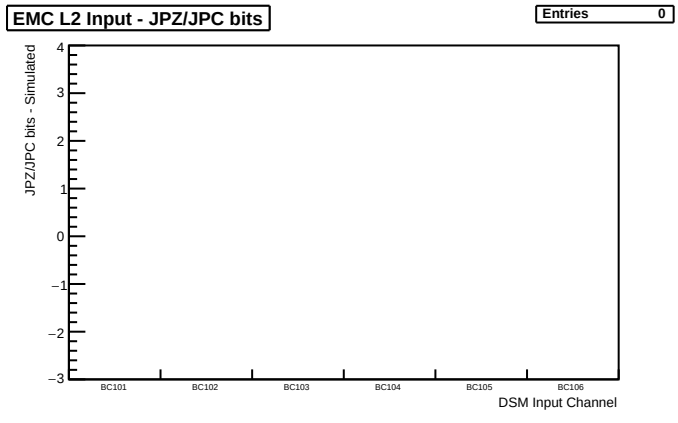

EMC L2 Input - JPX/JPA bits
Entries 9667908
JPX/JPA bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
3004
3114
3191
2433
2838
2511
6792
6796
7013
5794
6454
6136
12878
12906
12988
10924
11542
11134
1.58884e+06
1.58851e+06
1.58813e+06
1.59228e+06
1.59046e+06
1.59154e+06

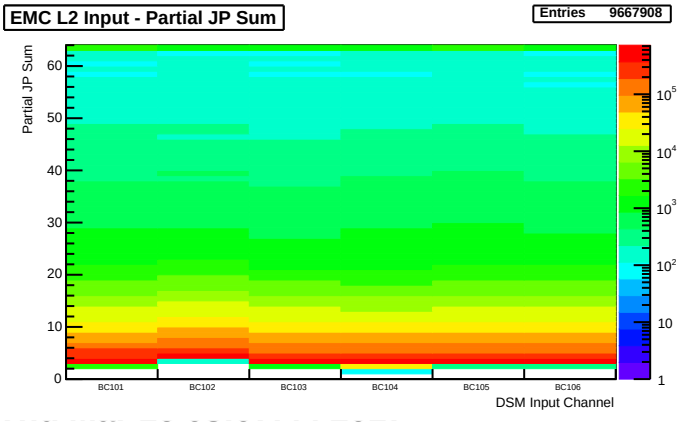

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

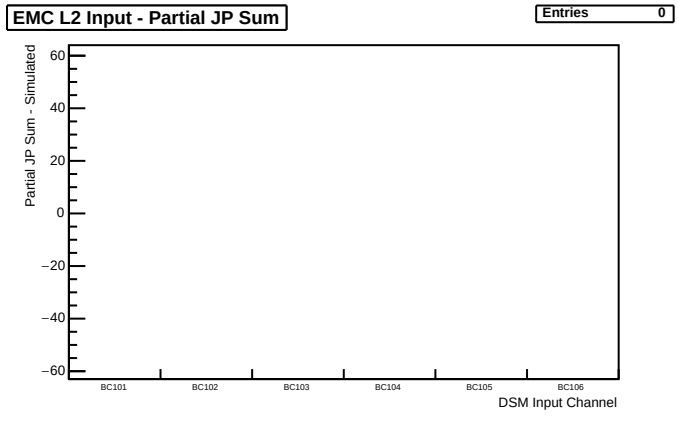

EMC L2 Input - JPY/JPB bits
Entries 9667908
JPY/JPB bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
3188
2489
3282
2616
3421
3135
7878
6904
7560
6523
8699
7902
15401
13670
14415
12746
16016
15595
1.58484e+06
1.58435e+06
1.58506e+06
1.58943e+06
1.58327e+06
1.58472e+06

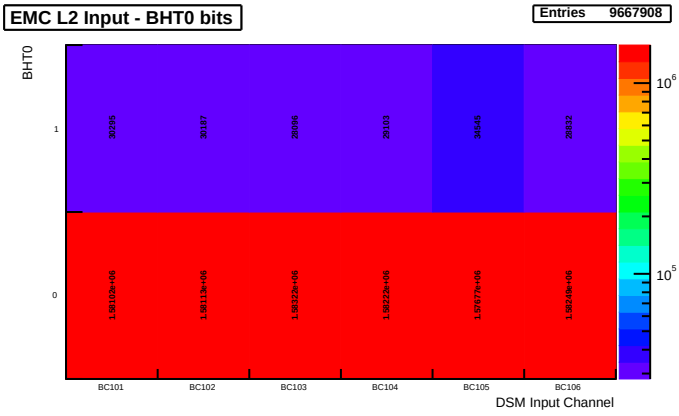

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

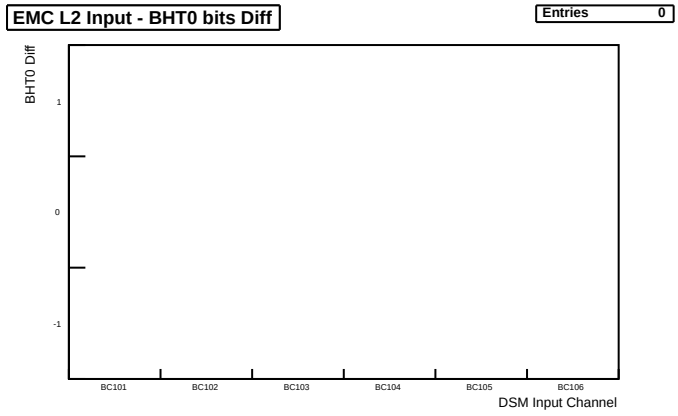

EMC L2 Input - JPZ/JPC bits
Entries 9667908
JPZ/JPC bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
3831
3213
3380
3247
4038
3503
8530
8447
7826
7936
9467
8083
16033
16083
14520
14744
17903
15439
1.58237e+06
1.58398e+06
1.58558e+06
1.58539e+06
1.57991e+06
1.58429e+06

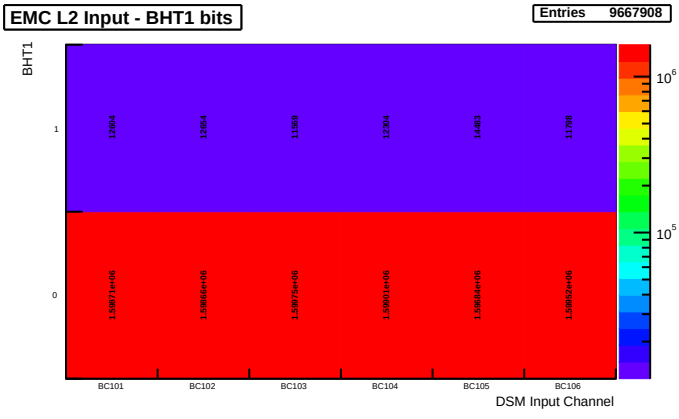

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

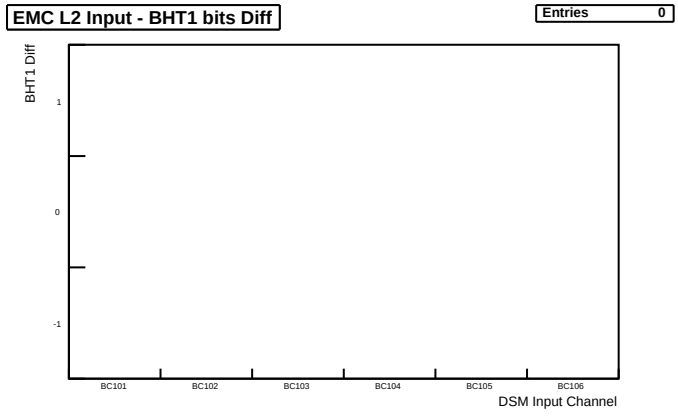

EMC L2 Input - Partial JP Sum
Entries 9667908
Partial JP Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

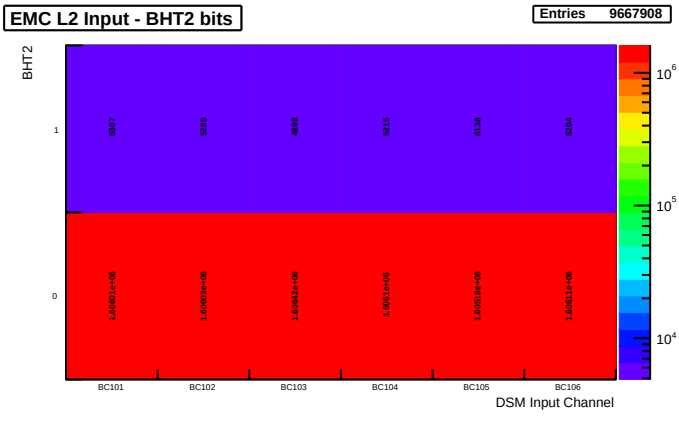

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

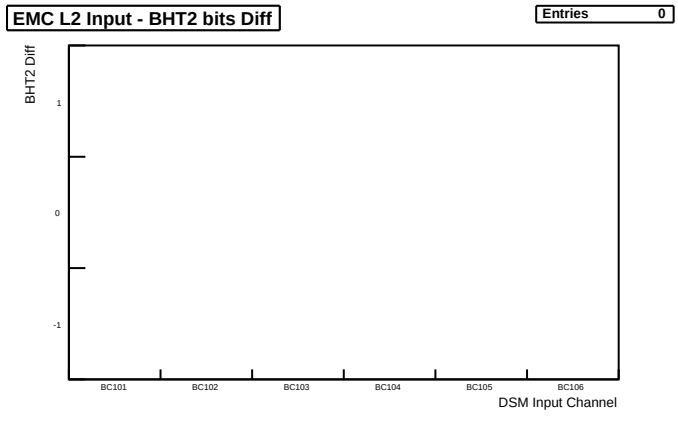

EMC L2 Input - BHT0 bits
Entries 9667908
BHT0
1
0
30295
30187
28096
29103
34545
28832
1.58102e+06
1.59113e+06
1.58322e+06
1.58222e+06
1.57677e+06
1.58249e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5

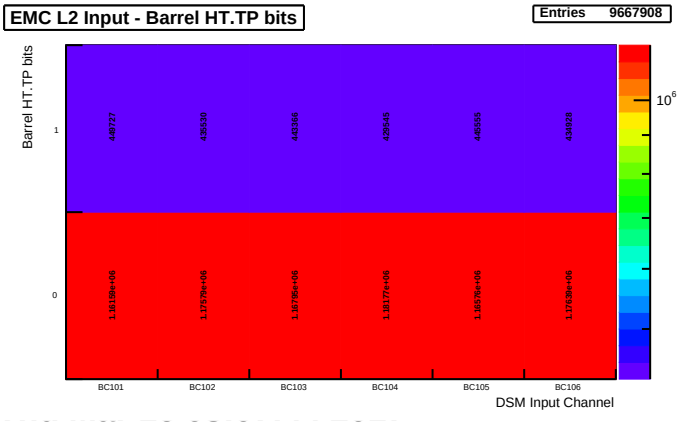

EMC L2 Input - BHT0 bits Diff
Entries 0
BHT0 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

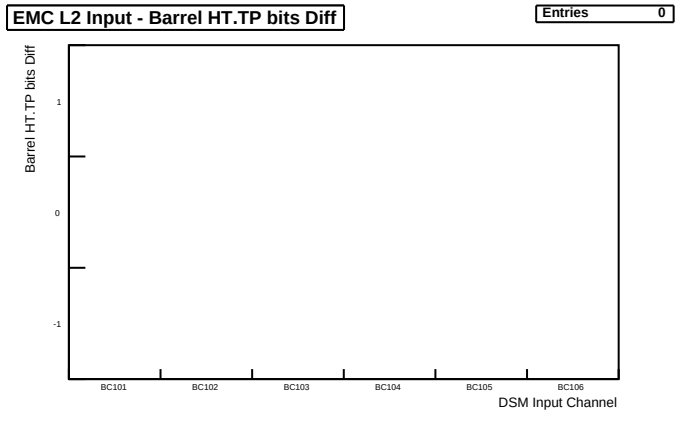

EMC L2 Input - BHT1 bits
Entries 9667908
BHT1
1
0
12604
12064
11569
12304
14463
11798
1.59871e+06
1.59866e+06
1.59975e+06
1.59801e+06
1.59984e+06
1.59952e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5

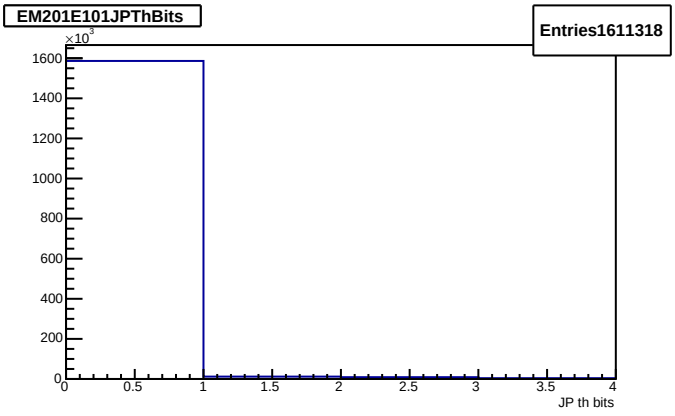

EMC L2 Input - BHT1 bits Diff
Entries 0
BHT1 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

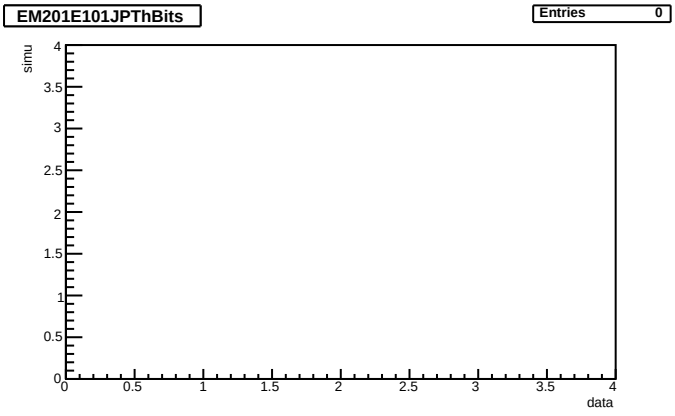

EMC L2 Input - BHT2 bits
Entries 9667908
BHT2
1
0
5307
5285
4698
5215
6138
5204
1.60601e+06
1.60653e+06
1.60942e+06
1.6061e+06
1.60518e+06
1.60611e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5
10^4

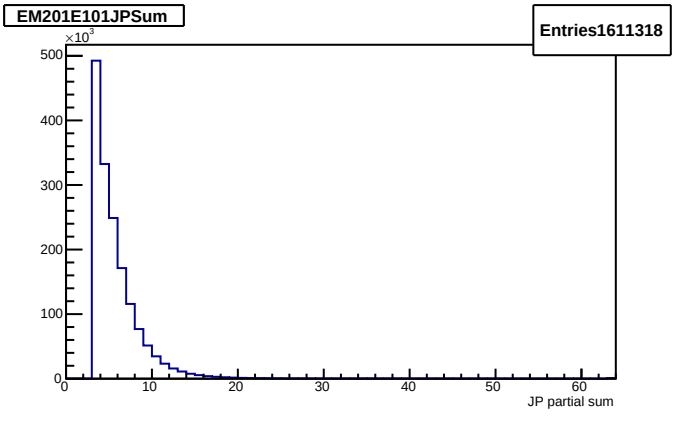

EMC L2 Input - BHT2 bits Diff
Entries 0
BHT2 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

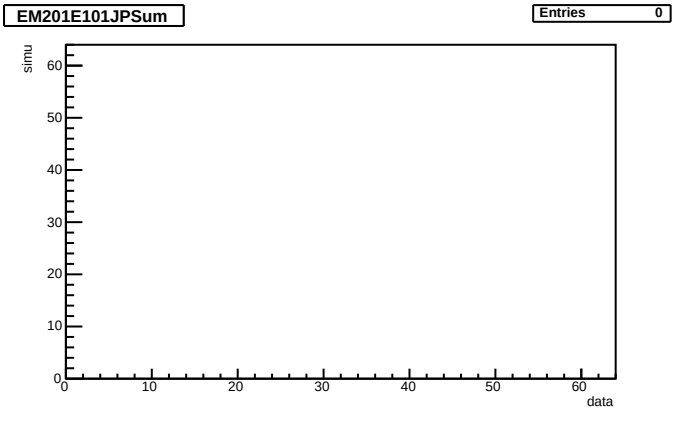

EMC L2 Input - Barrel HT.TP bits
Entries 9667908
Barrel HT.TP bits
1
0
449727
435530
443356
428545
445555
434928
1.16159e+06
1.17579e+06
1.16795e+06
1.18177e+06
1.16576e+06
1.17638e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6

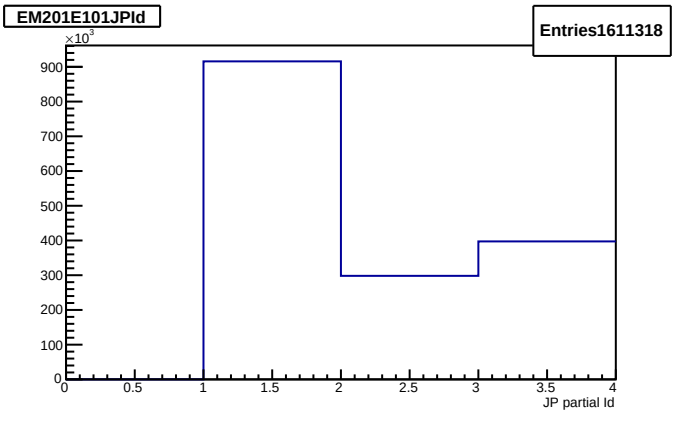

EMC L2 Input - Barrel HT.TP bits Diff
Entries 0
Barrel HT.TP bits Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

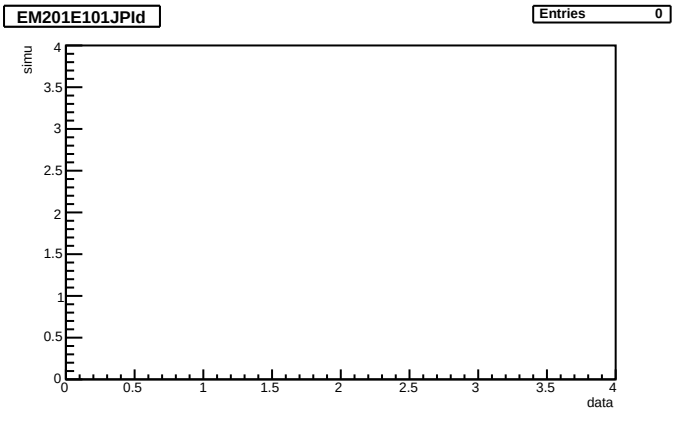

EM201E101JPThBits
Entries1611318
×10^3
JP th bits

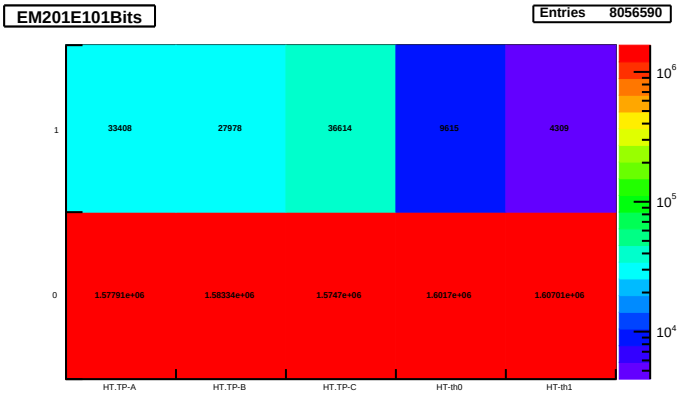

EM201E101JPThBits
Entries 0
simu
data

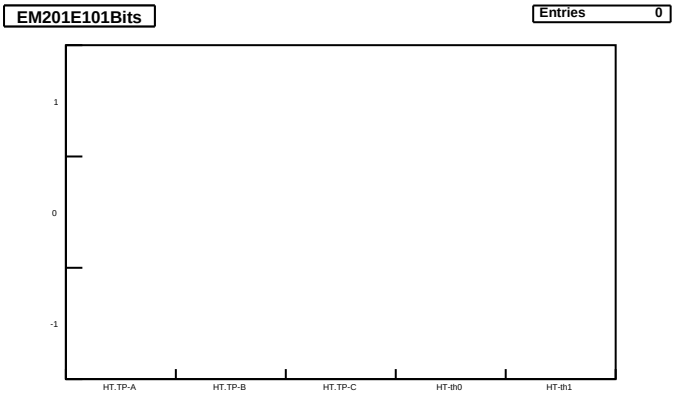

EM201E101JPSum
Entries1611318
×10^3
JP partial sum

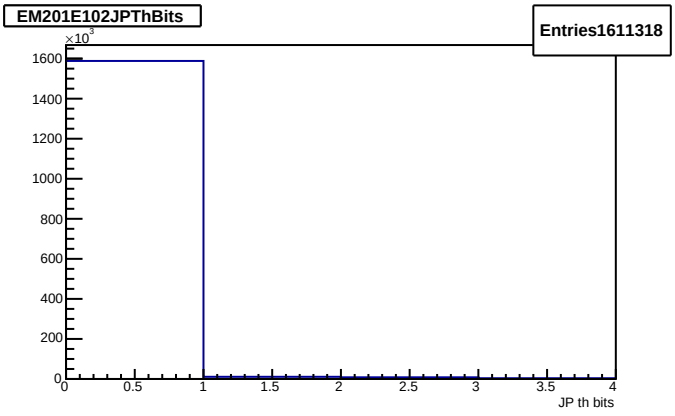

EM201E101JPSum
Entries 0
simu
data

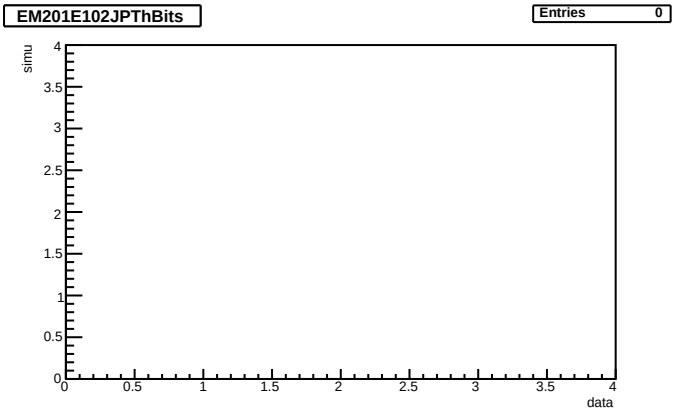

EM201E101JPId
Entries1611318
×10^3
JP partial Id

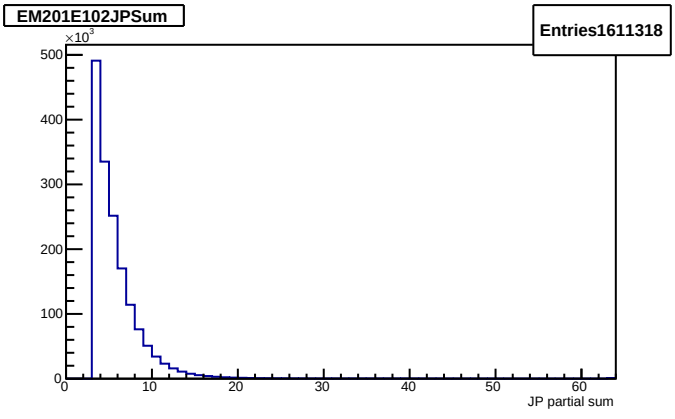

EM201E101JPId
Entries 0
simu
data

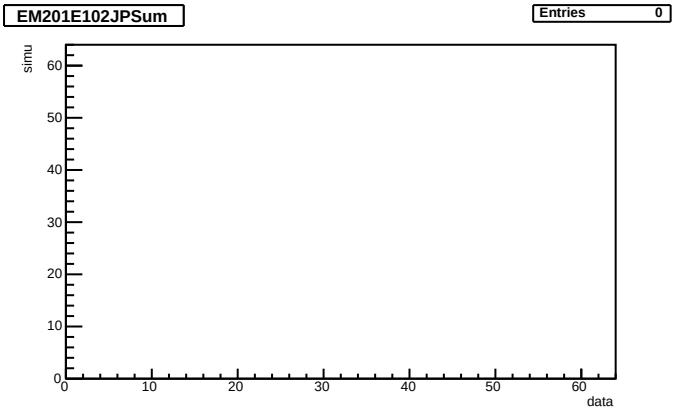

EM201E101Bits
Entries 8056590
33408
27978
36614
9615
4309
1.57791e+06
1.58334e+06
1.5747e+06
1.6017e+06
1.60701e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

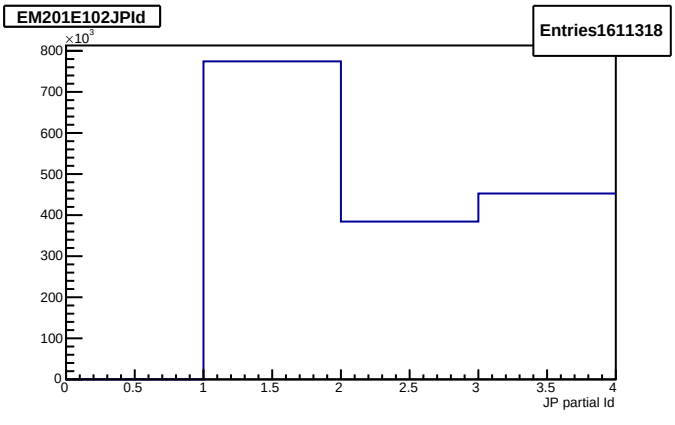

EM201E101Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

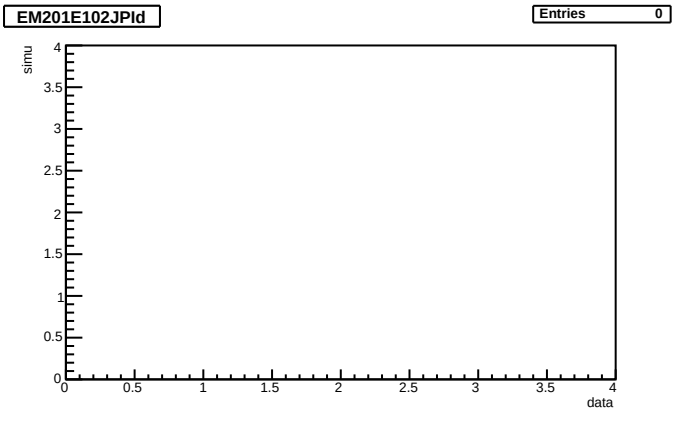

EM201E102JPThBits
Entries1611318
×10^3
JP th bits

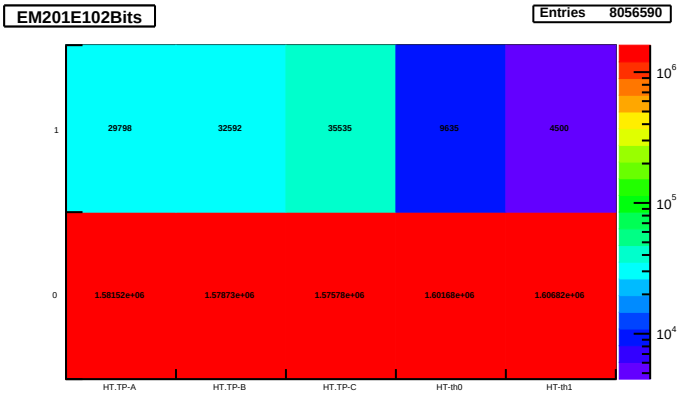

EM201E102JPThBits
Entries 0
simu
data

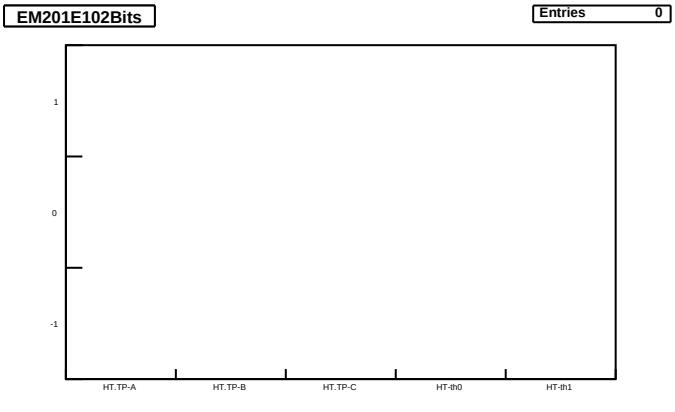

EM201E102JPSum
Entries1611318
×10^3
JP partial sum

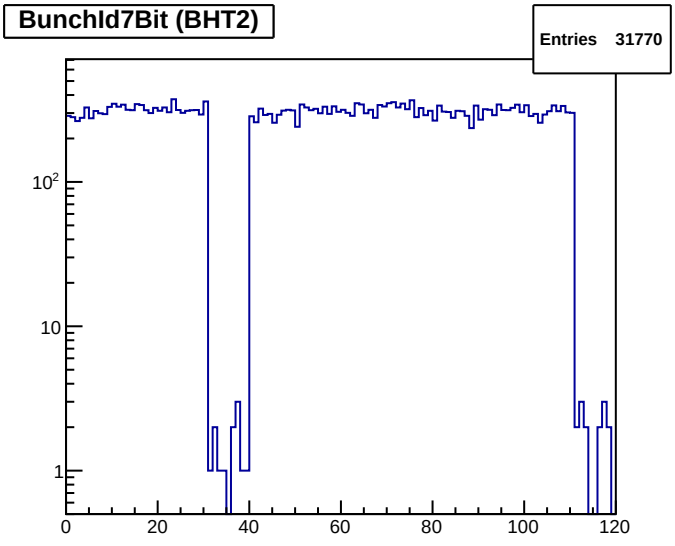

EM201E102JPSum
Entries 0
simu
data

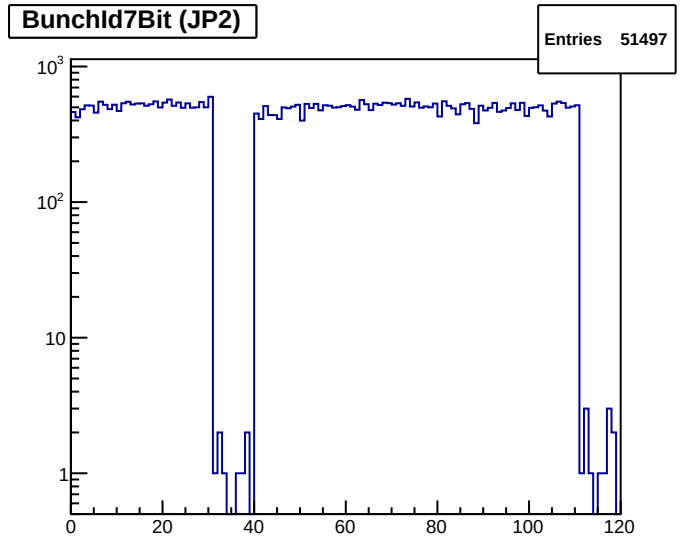

EM201E102JPId
Entries1611318
×10^3
JP partial Id

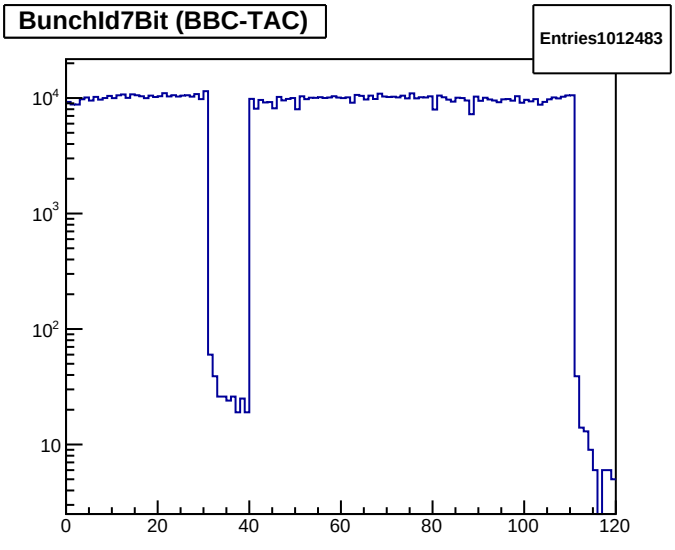

EM201E102JPId
Entries 0
simu
data

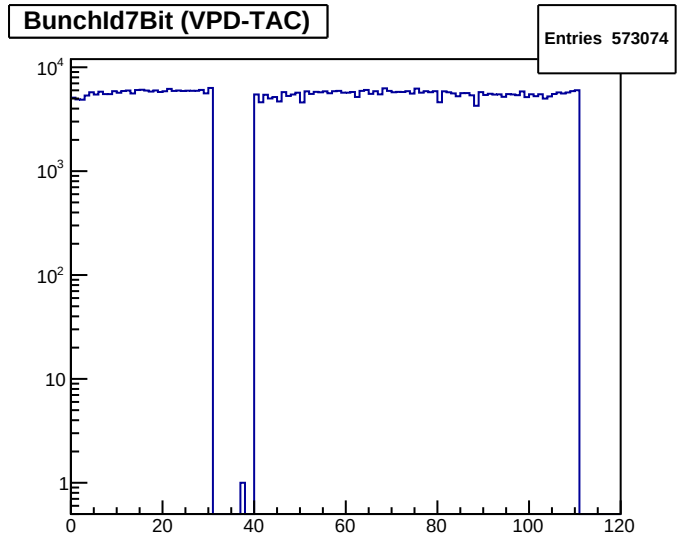

EM201E102Bits
Entries 8056590
29798
32592
35535
9633
4500
1.58152e+06
1.57873e+06
1.57578e+06
1.60168e+06
1.60682e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

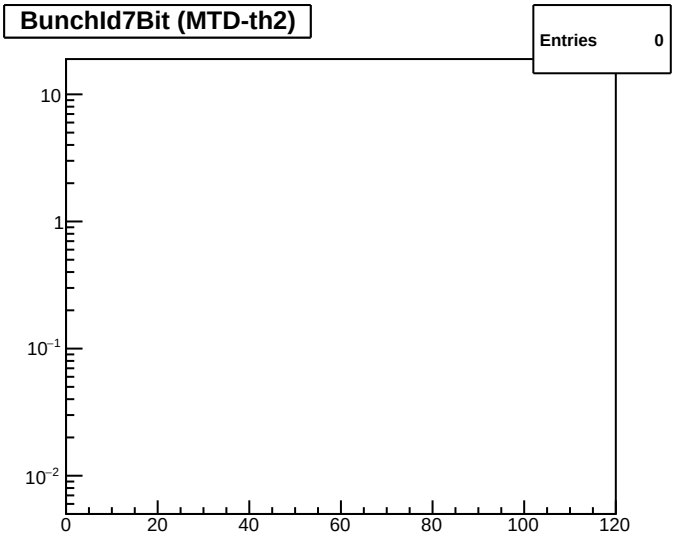

EM201E102Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

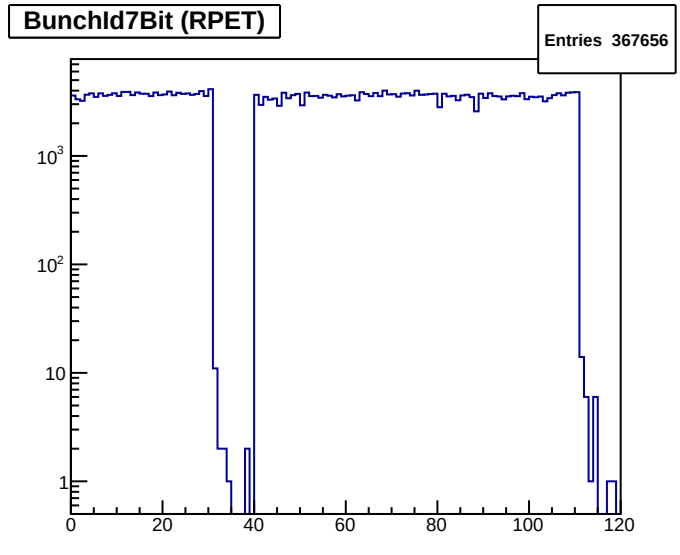

BunchId7Bit (BHT2)
Entries 31770

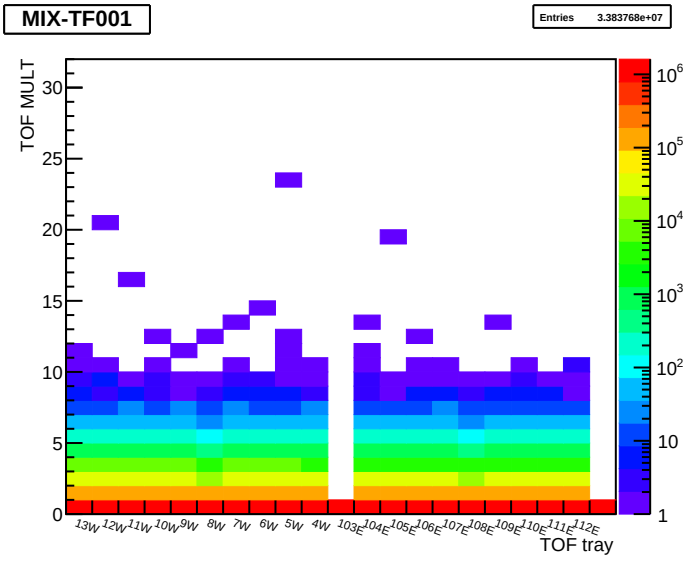

BunchId7Bit (JP2)
Entries 51497

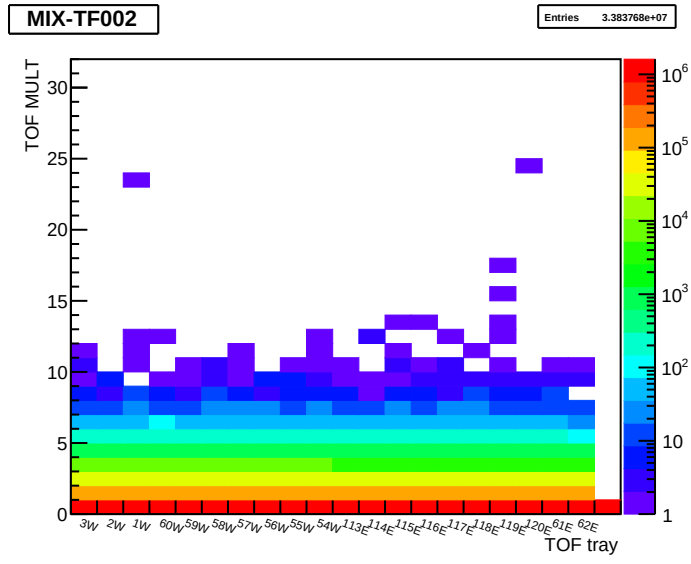

BunchId7Bit (BBC-TAC)
Entries1012483

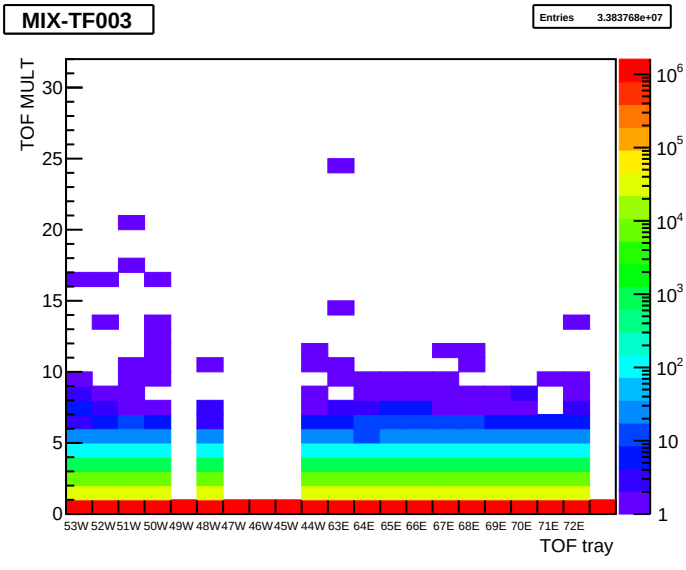

BunchId7Bit (VPD-TAC)
Entries 573074

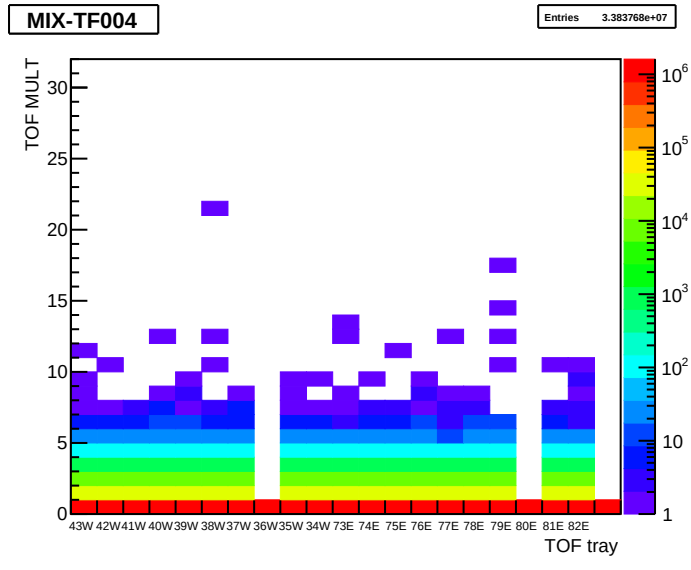

BunchId7Bit (MTD-th2)
Entries 0

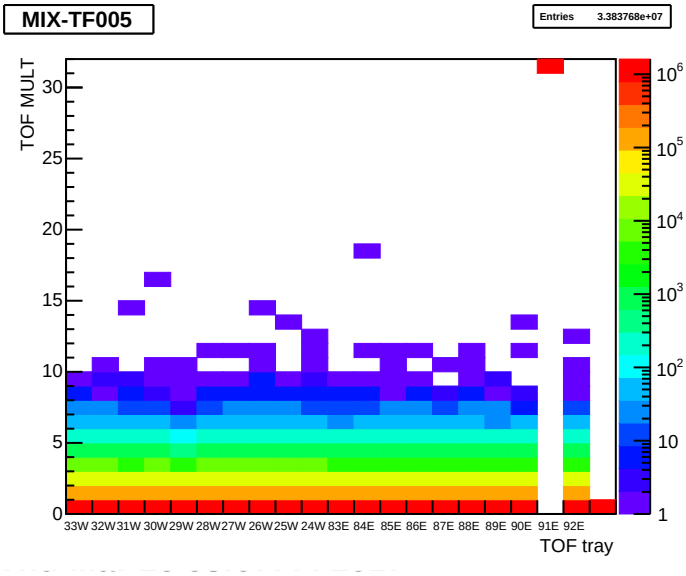

BunchId7Bit (RPET)
Entries 367656

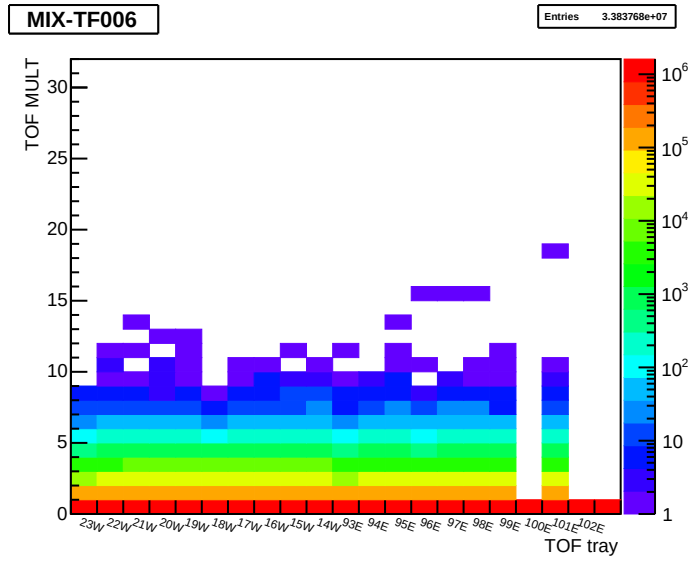

MIX-TF001
Entries 3.383768e+07
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

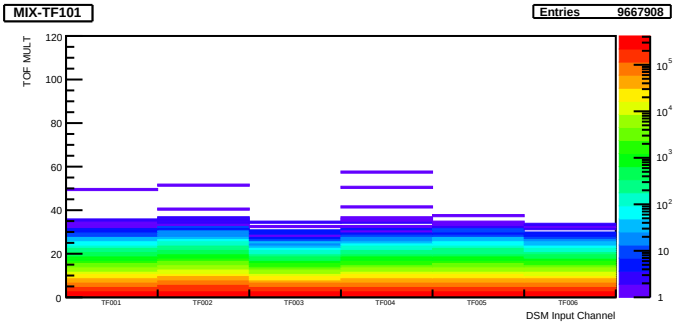

MIX-TF002
Entries 3.383768e+07
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

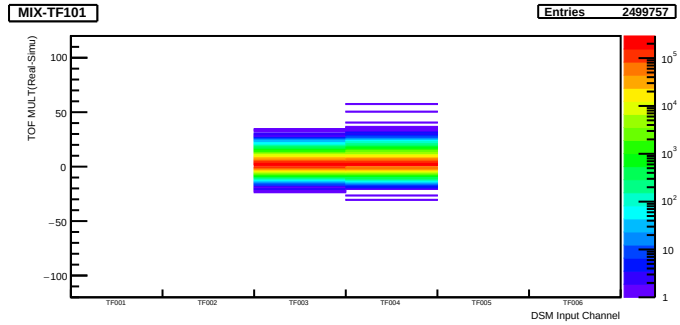

MIX-TF003
Entries 3.383768e+07
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

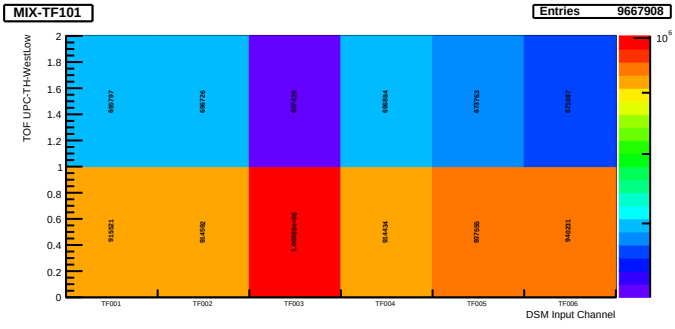

MIX-TF004
Entries 3.383768e+07
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

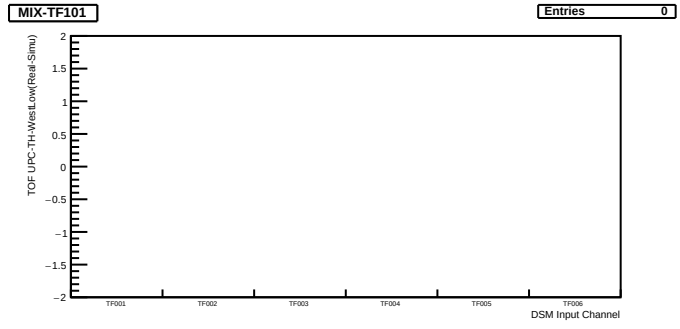

MIX-TF005
Entries 3.383768e+07
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

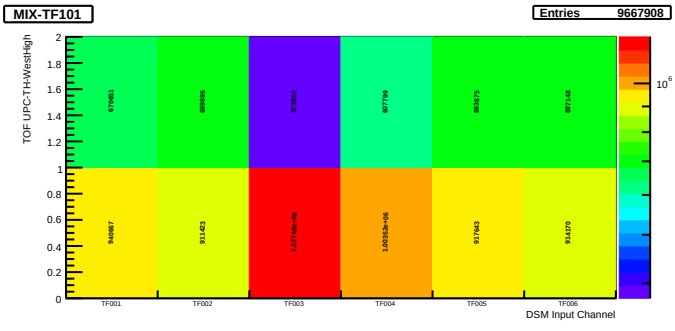

MIX-TF006
Entries 3.383768e+07
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

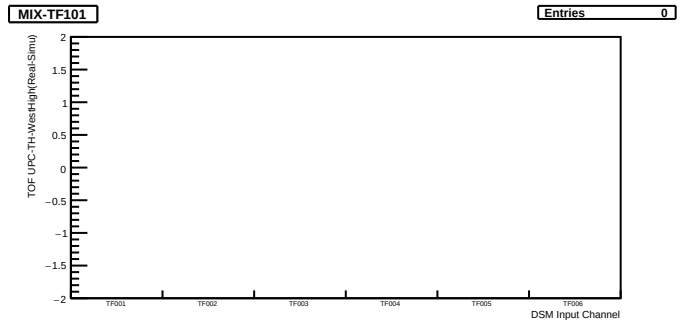

MIX-TF101
Entries 9667908
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

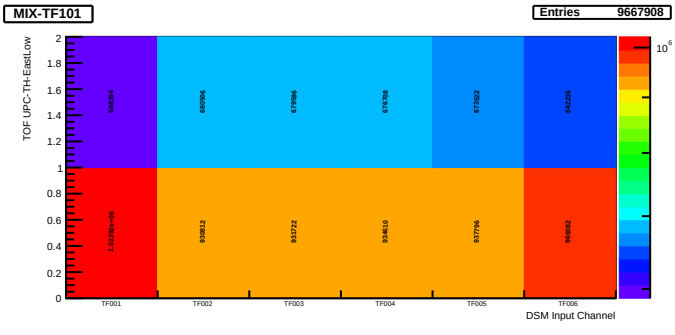

MIX-TF101
Entries 2499757
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

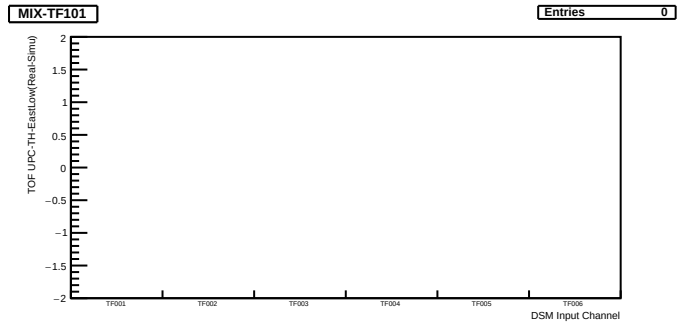

MIX-TF101
Entries 9667908
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

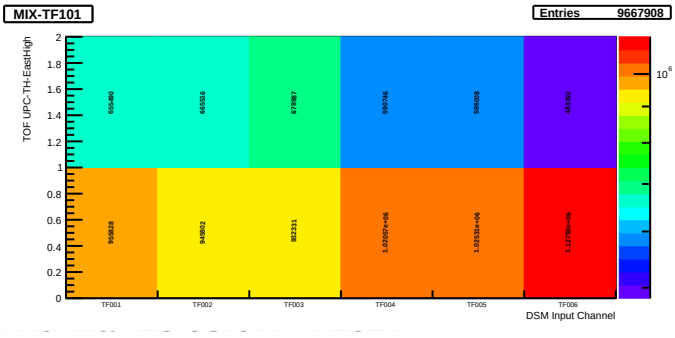

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

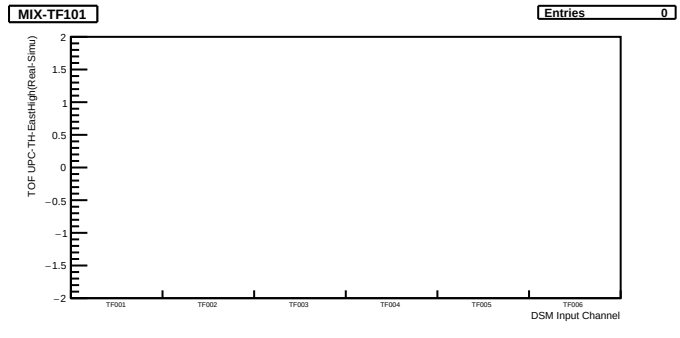

MIX-TF101
Entries 9667908
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

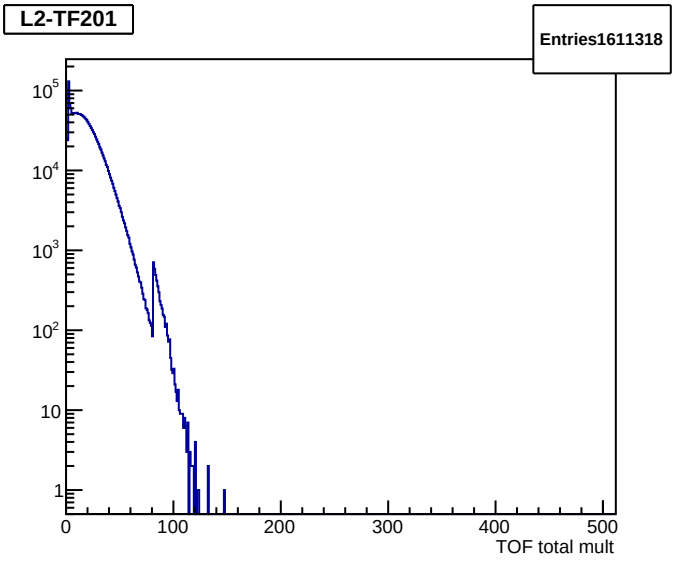

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

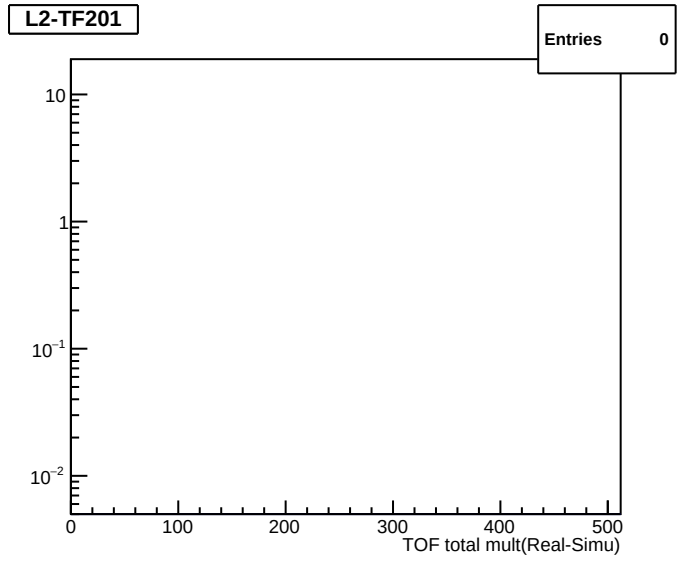

MIX-TF101
Entries 9667908
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

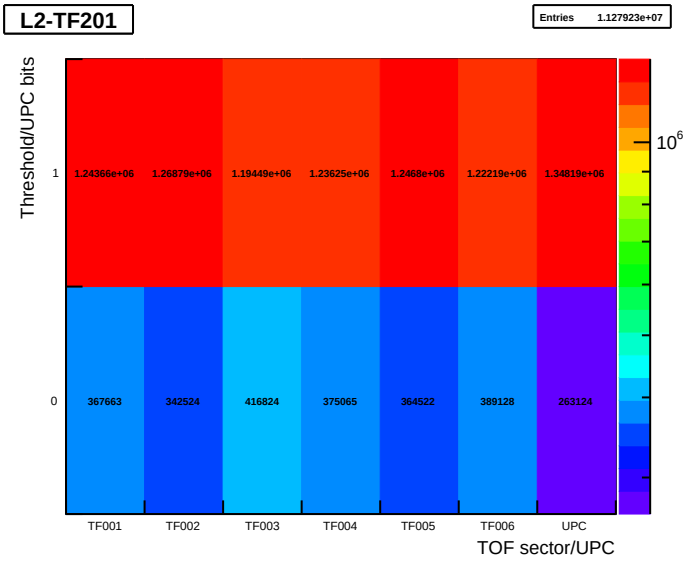

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

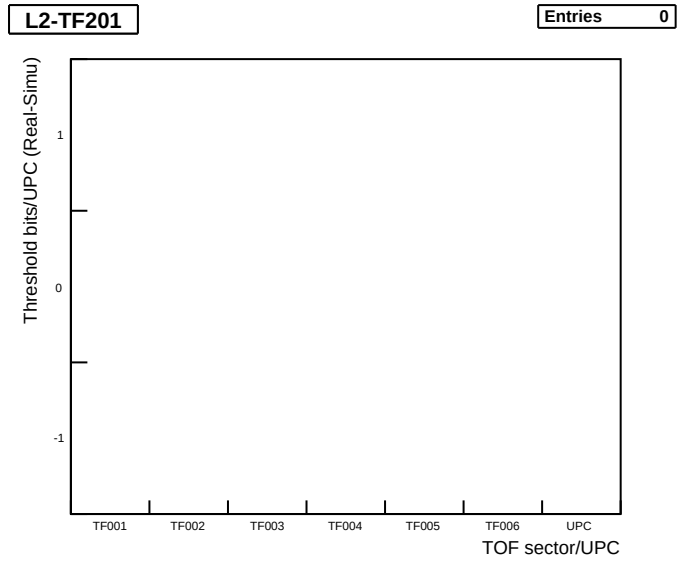

MIX-TF101
Entries 9667908
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

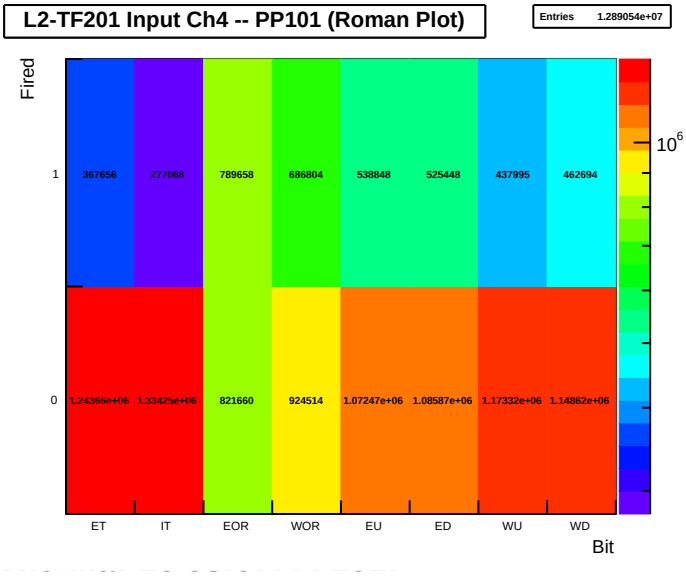

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

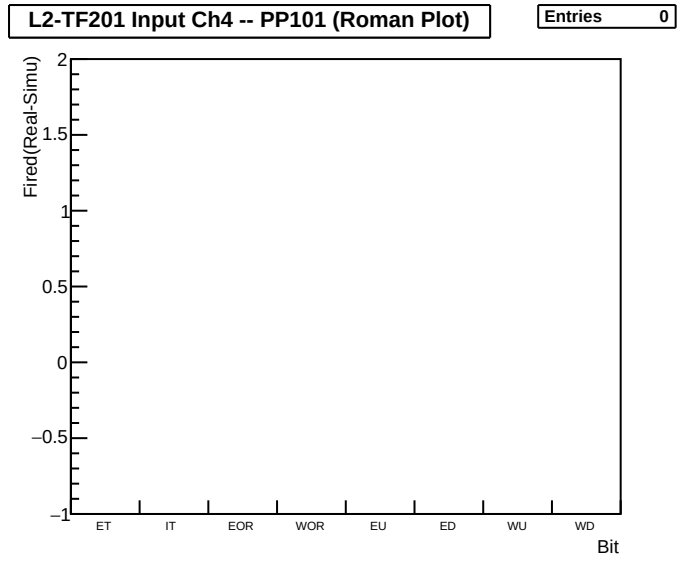

L2-TF201
Entries1611318
TOF total mult

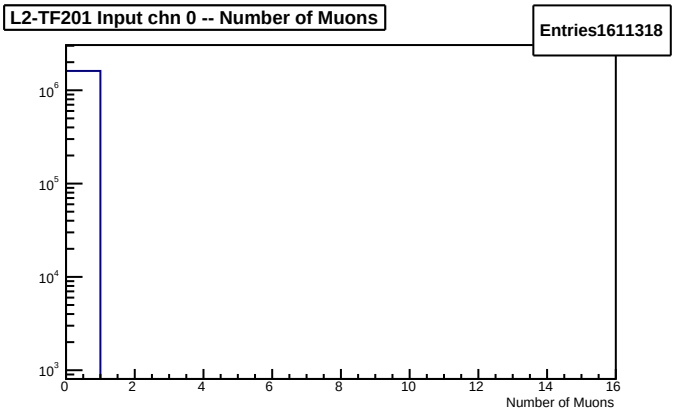

L2-TF201
Entries 0
TOF total mult(Real-Simu)

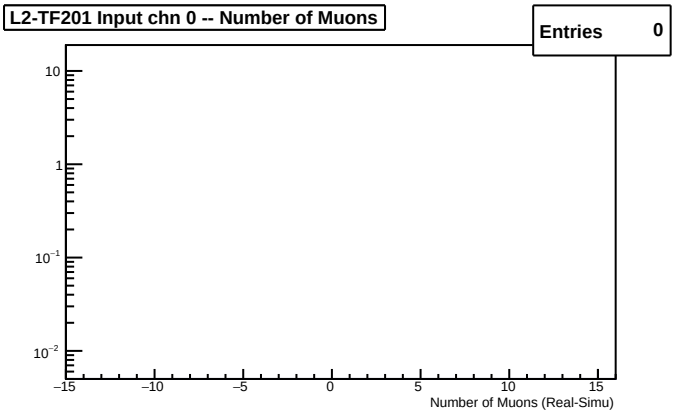

L2-TF201
Entries 1.127923e+07
Threshold/UPC bits
1.24366e+06
1.26879e+06
1.19449e+06
1.23625e+06
1.2468e+06
1.22219e+06
1.34819e+06
367663
342524
416824
375065
364522
389128
263124
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

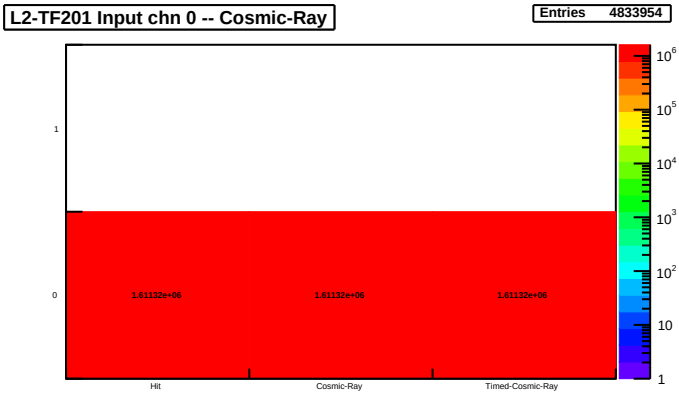

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

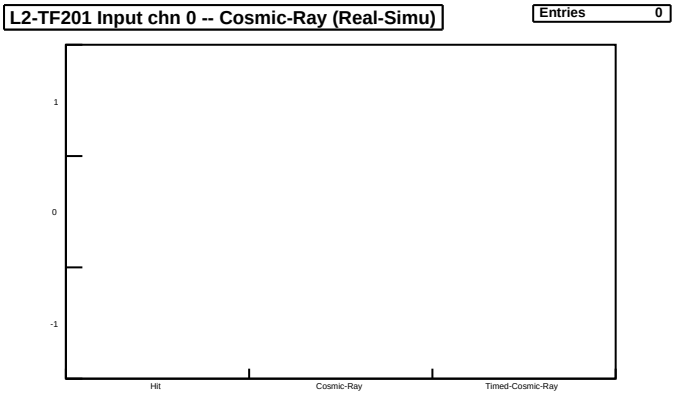

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 1.289054e+07
Fired
367656
277068
789658
686804
538848
525448
437995
462694
1.24366e+06
1.33425e+06
821660
924514
1.07247e+06
1.08587e+06
1.17332e+06
1.14862e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

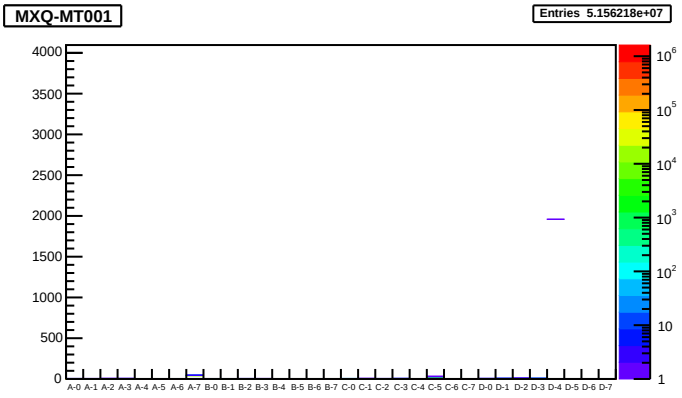

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

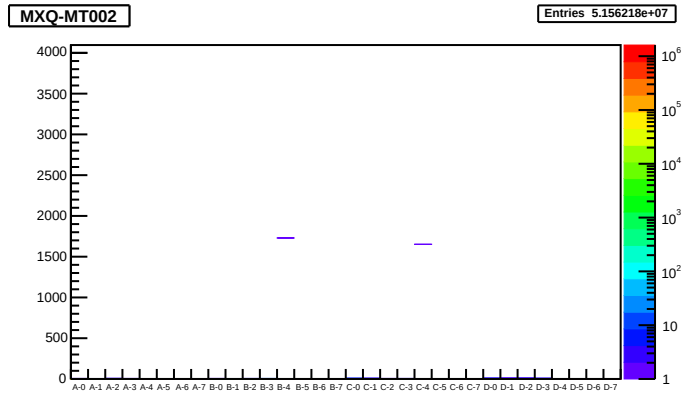

L2-TF201 Input chn 0 -- Number of Muons
Entries1611318
Number of Muons

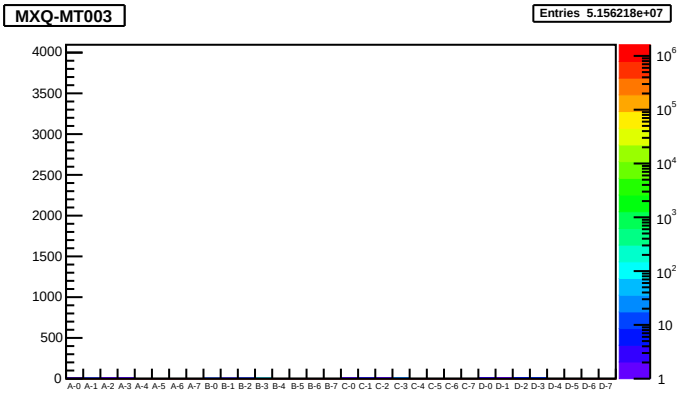

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

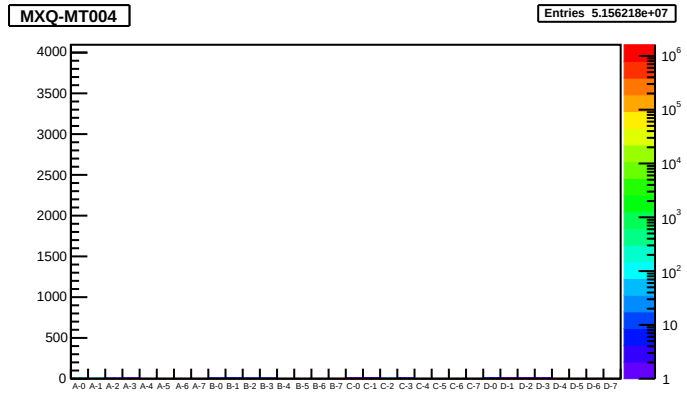

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 4833954
1.61132e+06
1.61132e+06
1.61132e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

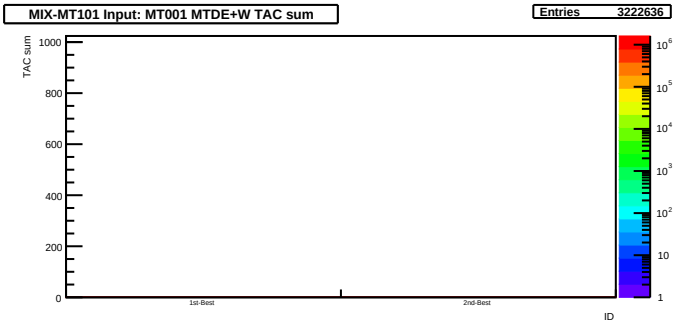

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

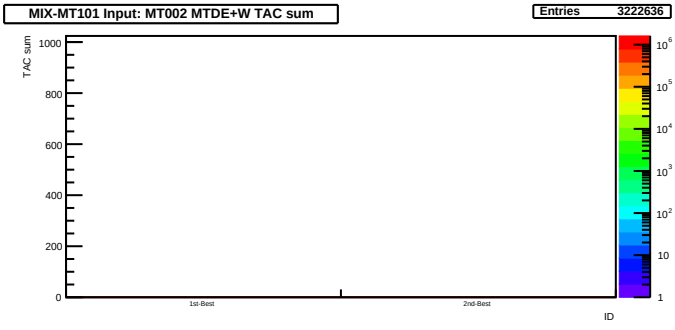

MXQ-MT001
Entries 5.156218e+07
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

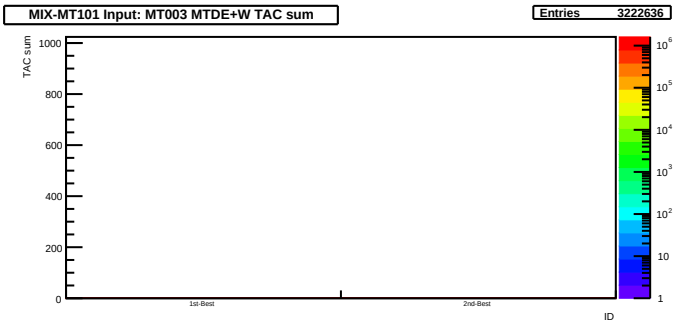

MXQ-MT002
Entries 5.156218e+07
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

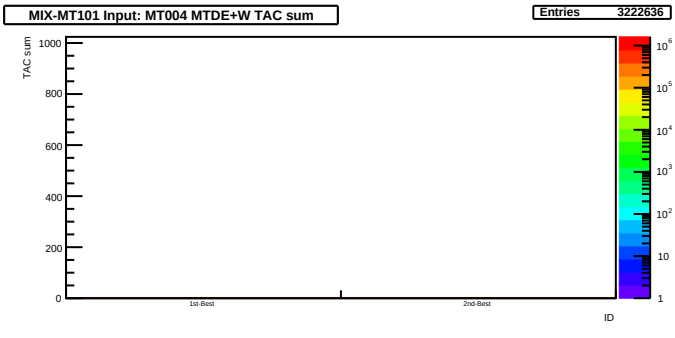

MXQ-MT003
Entries 5.156218e+07
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

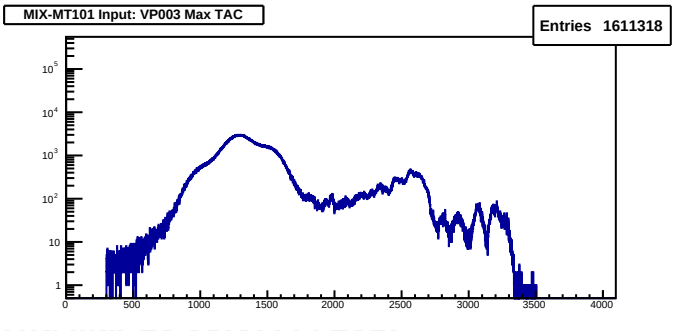

MXQ-MT004
Entries 5.156218e+07
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

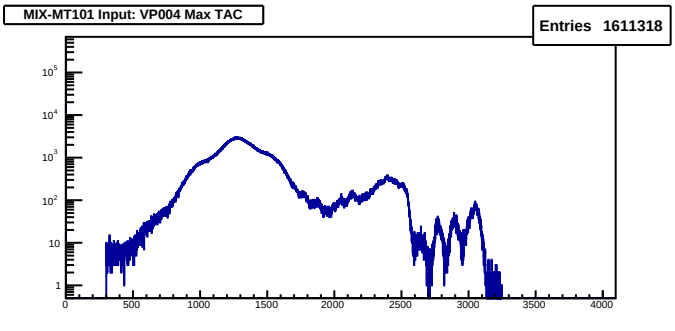

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 3222636
TAC sum
1st-Best
2nd-Best
ID

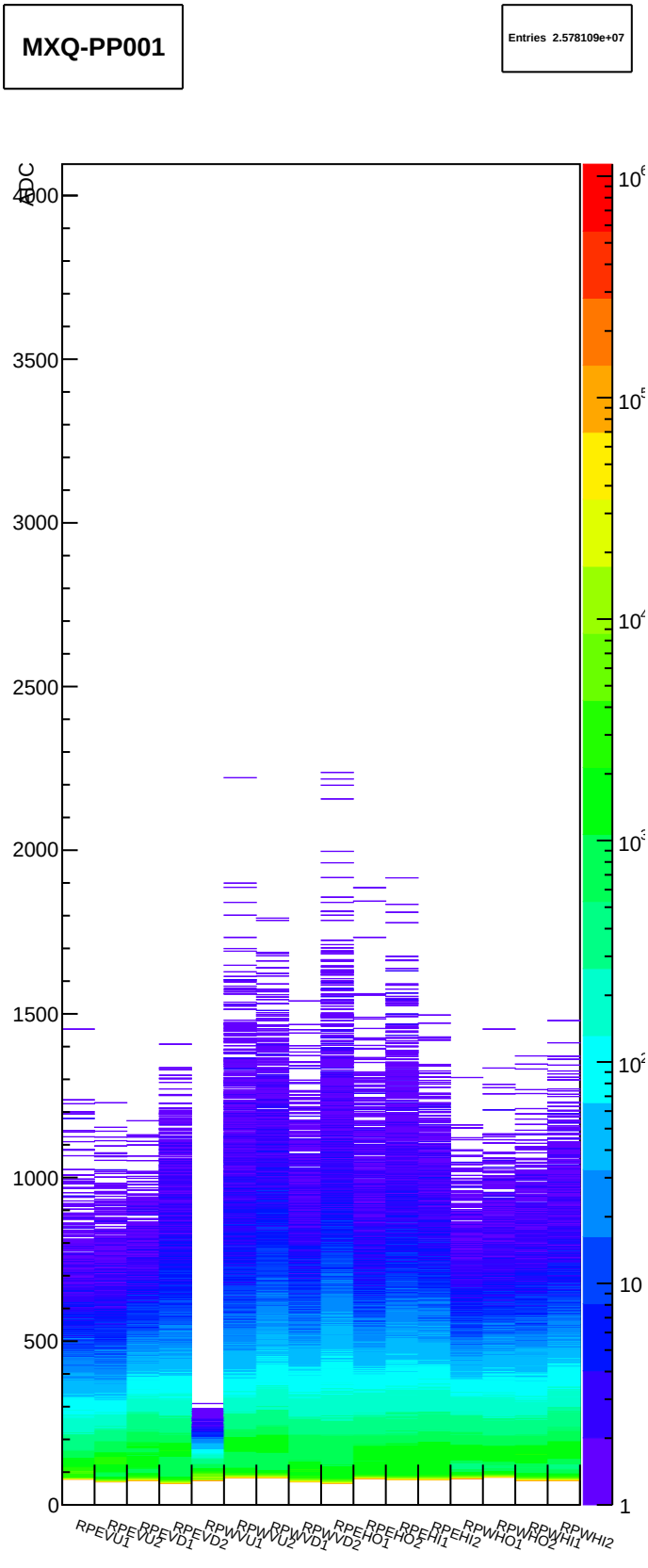

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 3222636
TAC sum
1st-Best
2nd-Best
ID

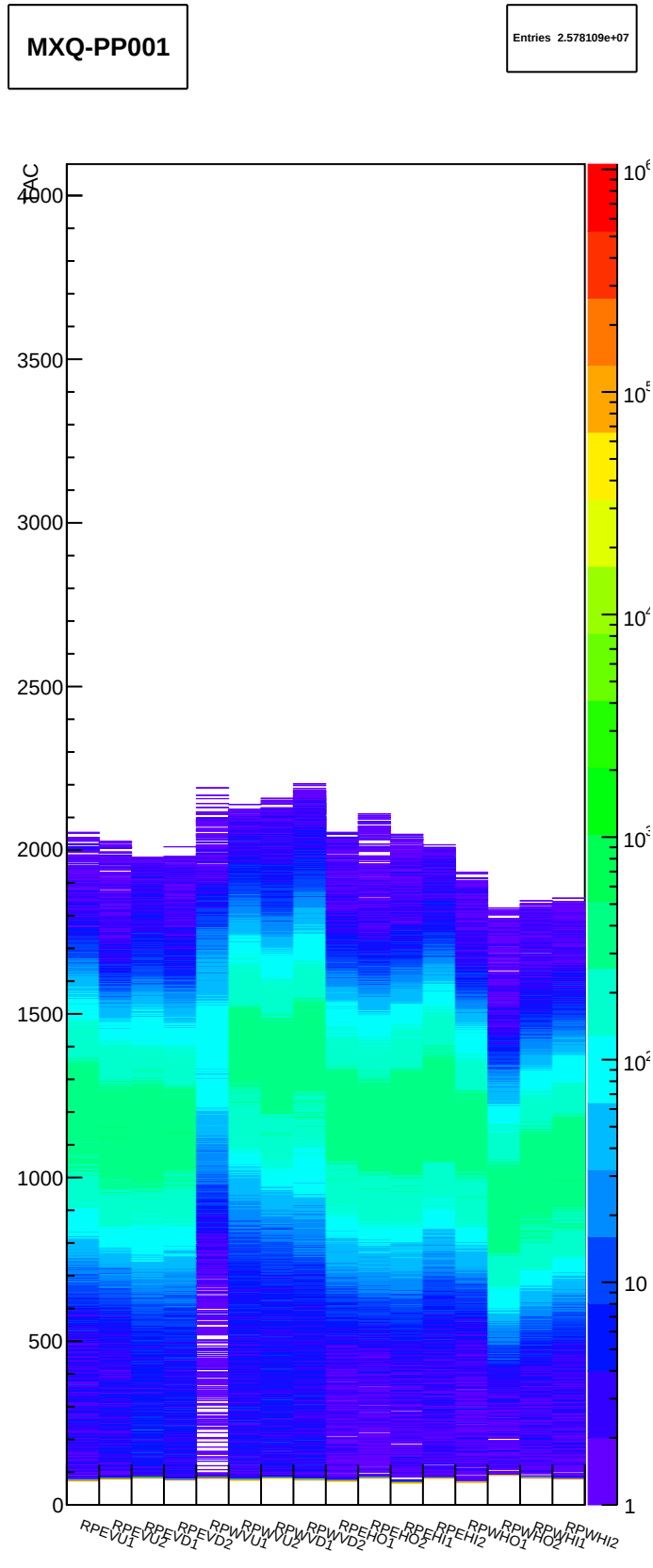

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 3222636
TAC sum
1st-Best
2nd-Best
ID

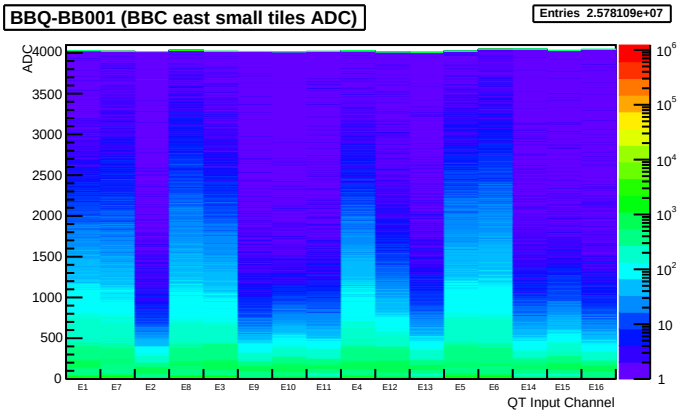

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 3222636
TAC sum
1st-Best
2nd-Best
ID

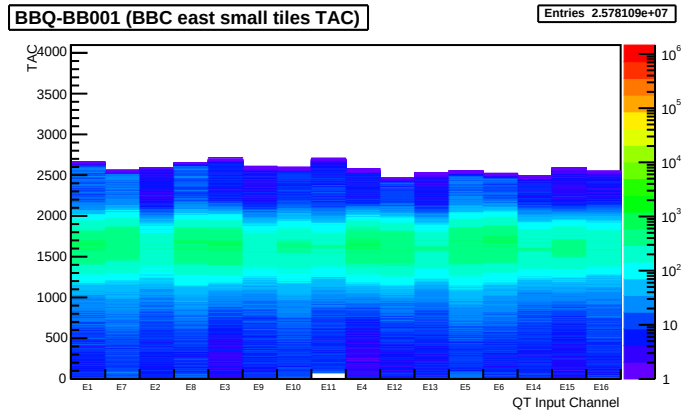

MIX-MT101 Input: VP003 Max TAC
Entries 1611318

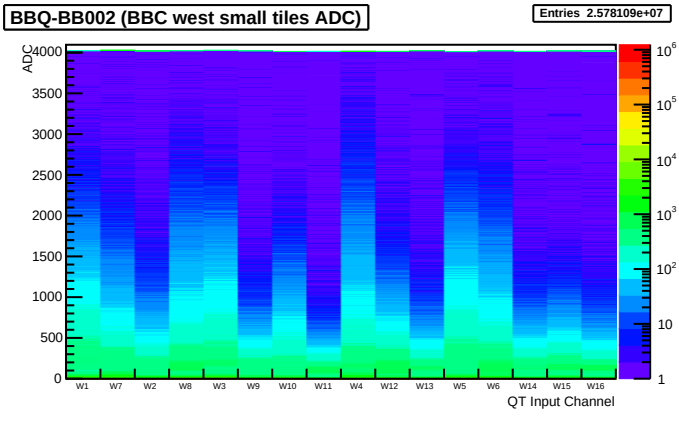

MIX-MT101 Input: VP004 Max TAC
Entries 1611318

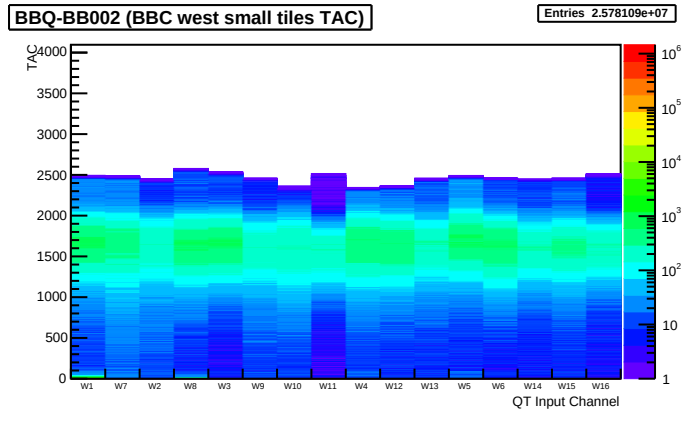

MXQ-PP001
Entries 2.578109e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10
10²
10³
10⁴
10⁵
10⁶

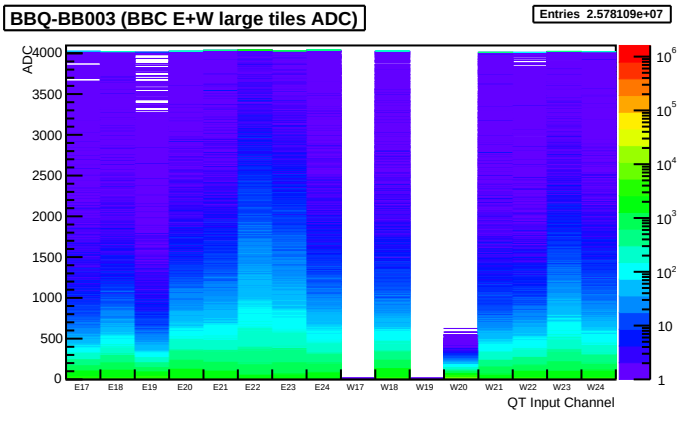

MXQ-PP001
Entries 2.578109e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10
10²
10³
10⁴
10⁵
10⁶

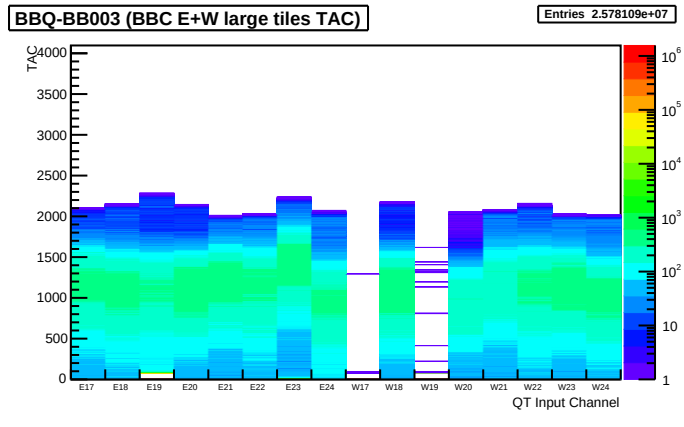

BBQ-BB001 (BBC east small tiles ADC)
Entries 2.578109e+07
ADC
QT Input Channel

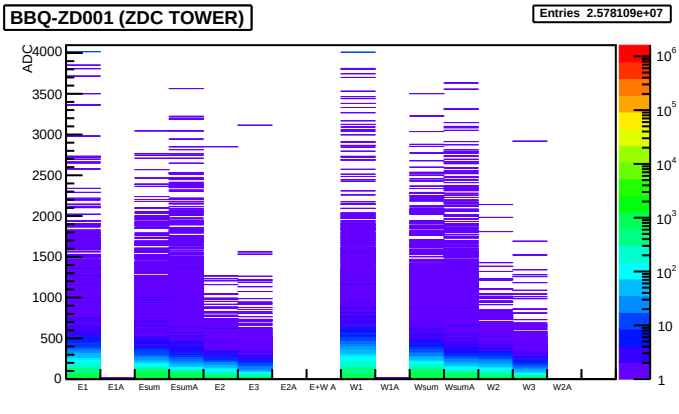

BBQ-BB001 (BBC east small tiles TAC)
Entries 2.578109e+07
TAC
QT Input Channel

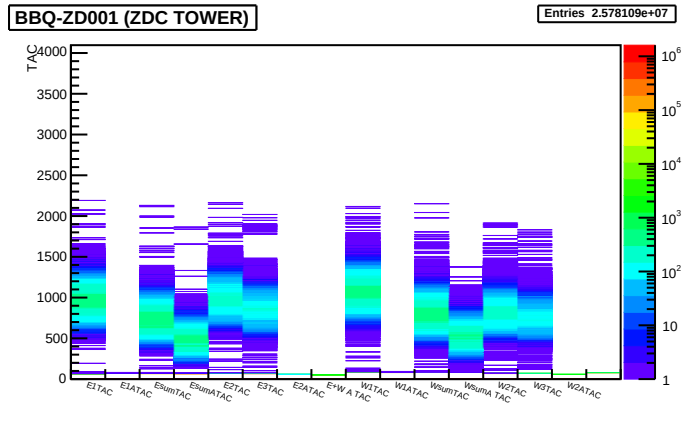

BBQ-BB002 (BBC west small tiles ADC)
Entries 2.578109e+07
ADC
QT Input Channel

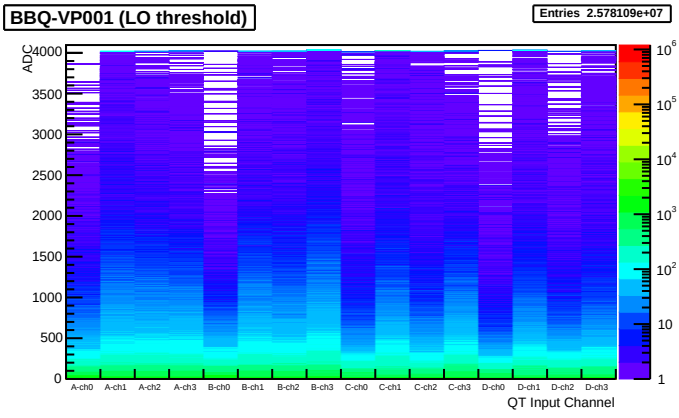

BBQ-BB002 (BBC west small tiles TAC)
Entries 2.578109e+07
TAC
QT Input Channel

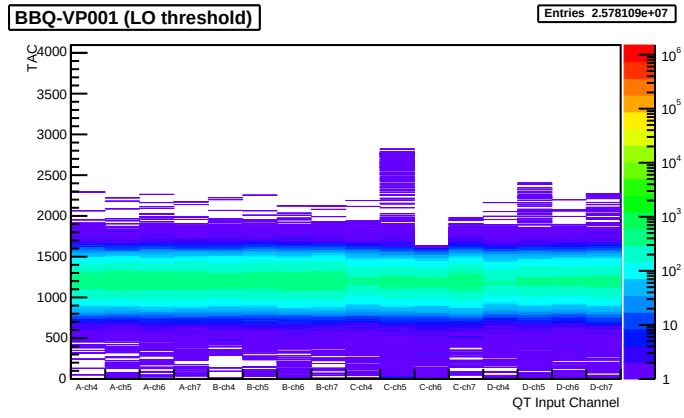

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 2.578109e+07
ADC
QT Input Channel

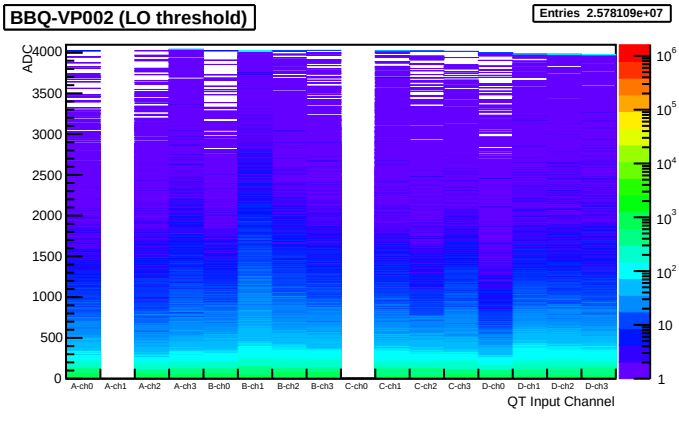

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 2.578109e+07
TAC
QT Input Channel

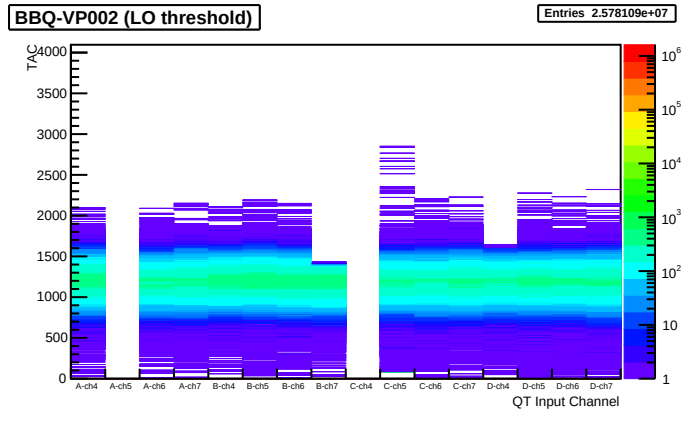

BBQ-ZD001 (ZDC TOWER)
Entries 2.578109e+07
ADC

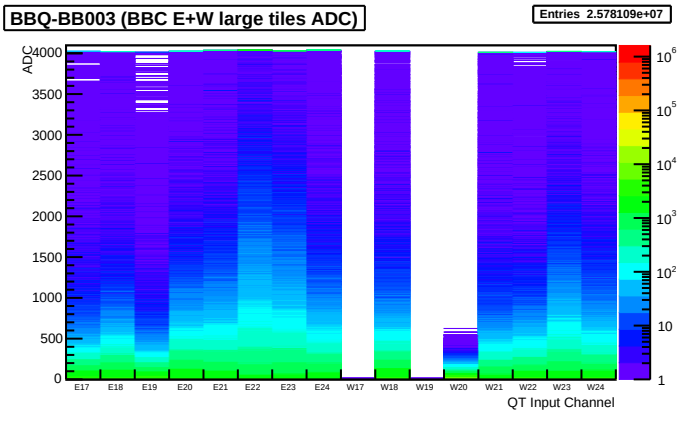

BBQ-ZD001 (ZDC TOWER)
Entries 2.578109e+07
TAC

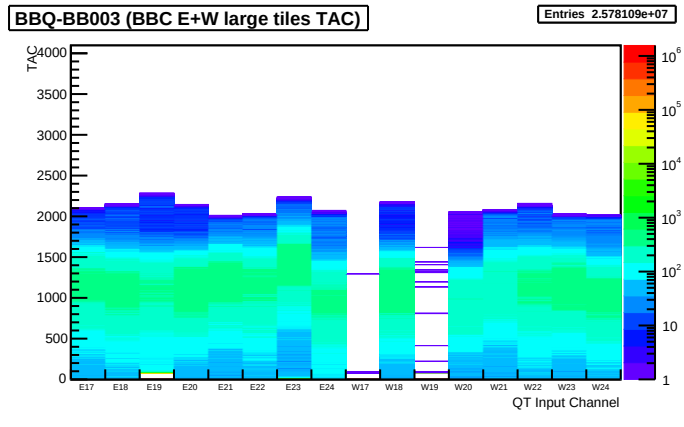

BBQ-VP001 (LO threshold)
Entries 2.578109e+07
ADC
QT Input Channel

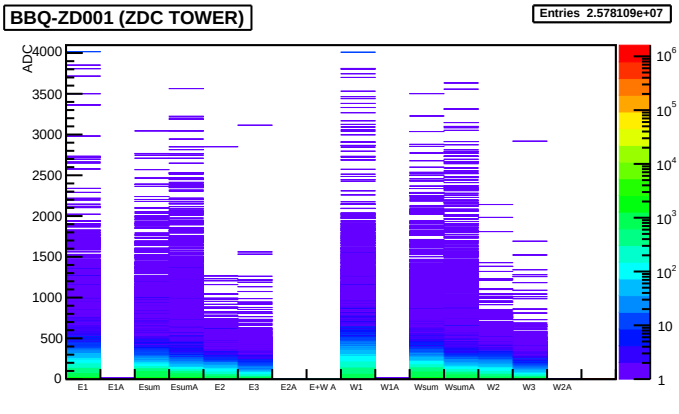

BBQ-VP001 (LO threshold)
Entries 2.578109e+07
TAC
QT Input Channel

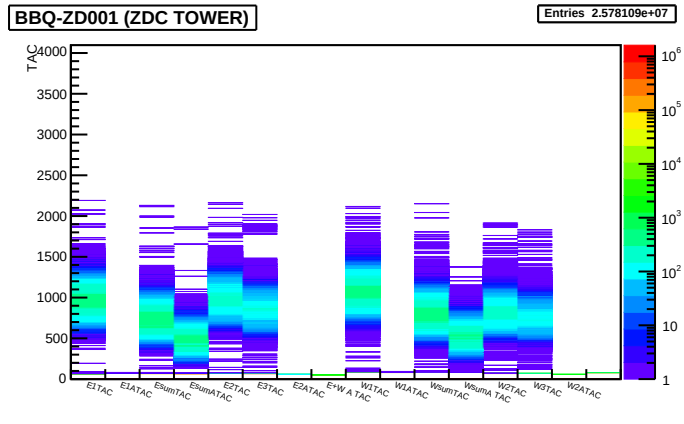

BBQ-VP002 (LO threshold)
Entries 2.578109e+07
ADC
QT Input Channel

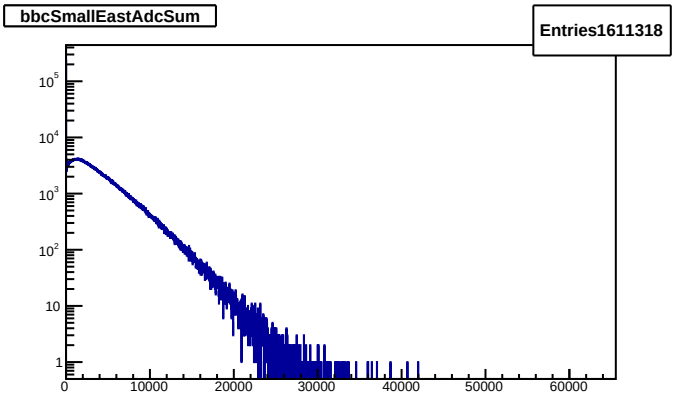

BBQ-VP002 (LO threshold)
Entries 2.578109e+07
TAC
QT Input Channel

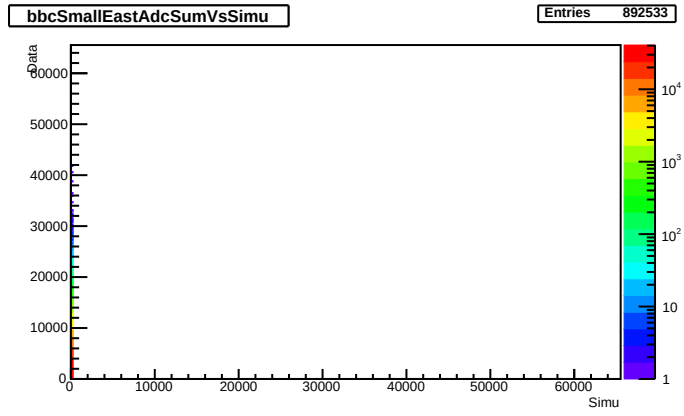

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 2.578109e+07
ADC
QT Input Channel

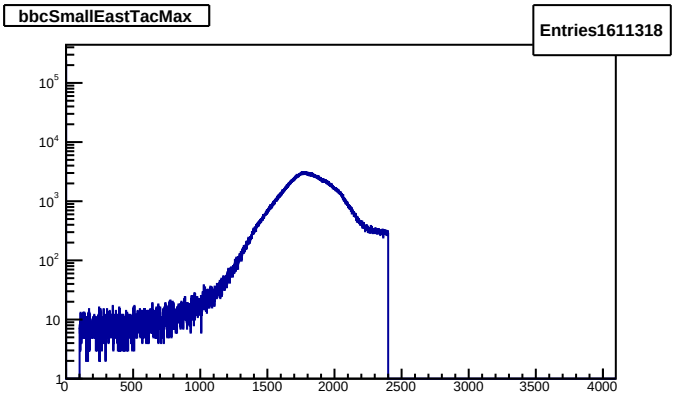

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 2.578109e+07
TAC
QT Input Channel

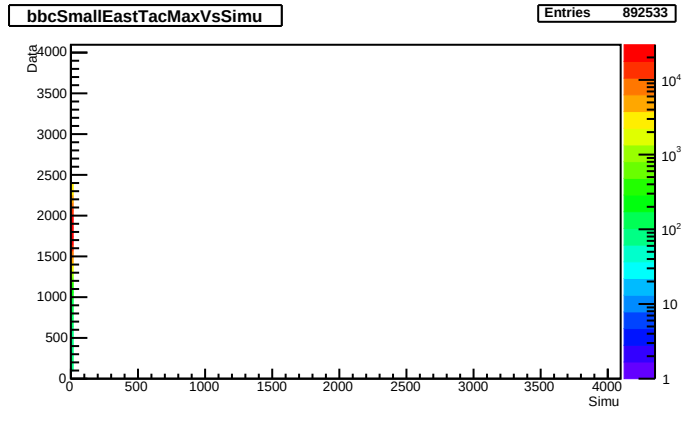

BBQ-ZD001 (ZDC TOWER)
Entries 2.578109e+07
ADC

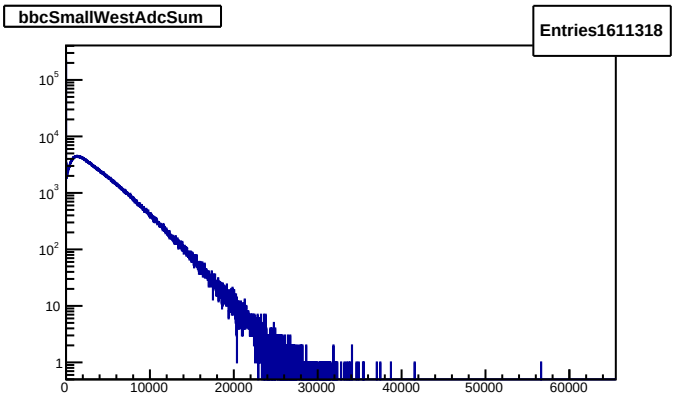

BBQ-ZD001 (ZDC TOWER)
Entries 2.578109e+07
TAC

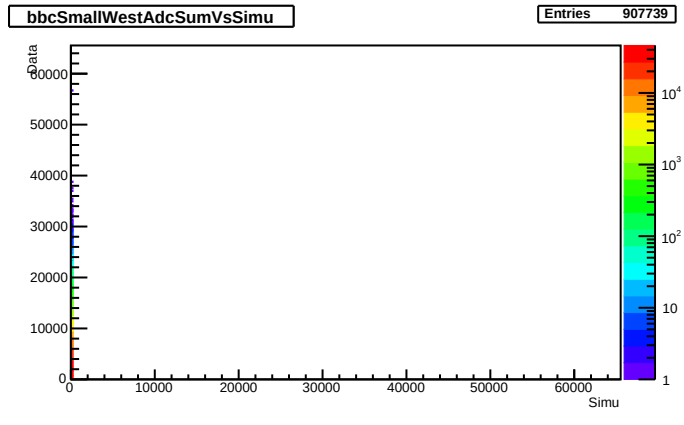

bbcSmallEastAdcSum
Entries1611318

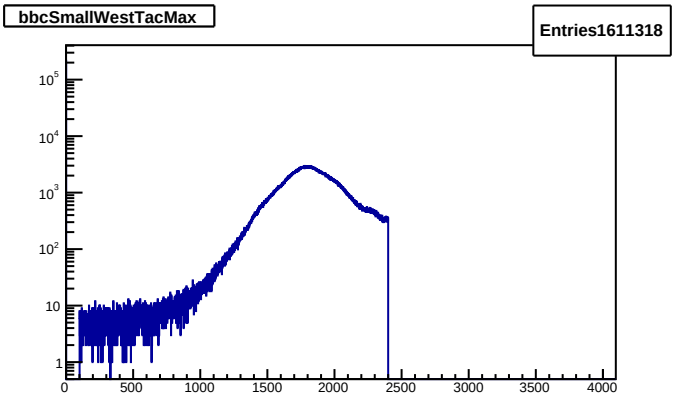

bbcSmallEastAdcSumVsSimu
Entries 892533
Data
Simu

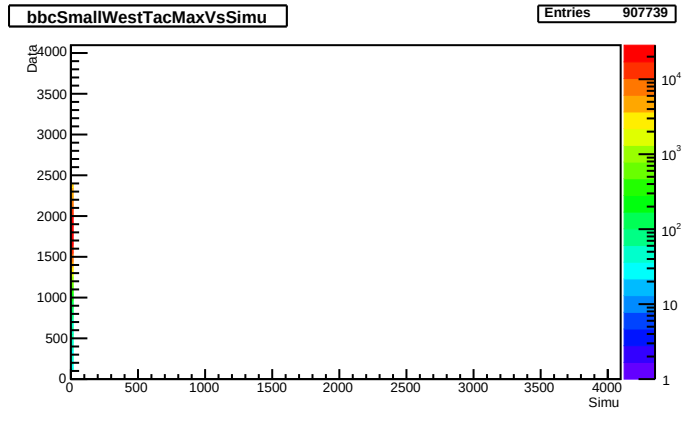

bbcSmallEastTacMax
Entries1611318

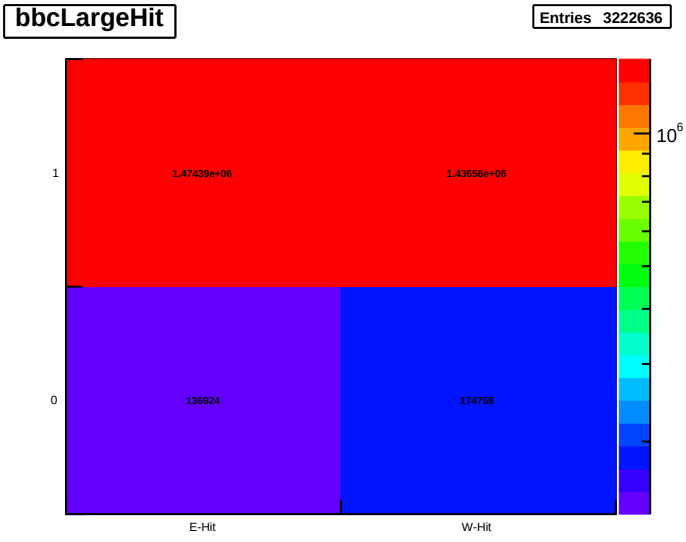

bbcSmallEastTacMaxVsSimu
Entries 892533
Data
Simu

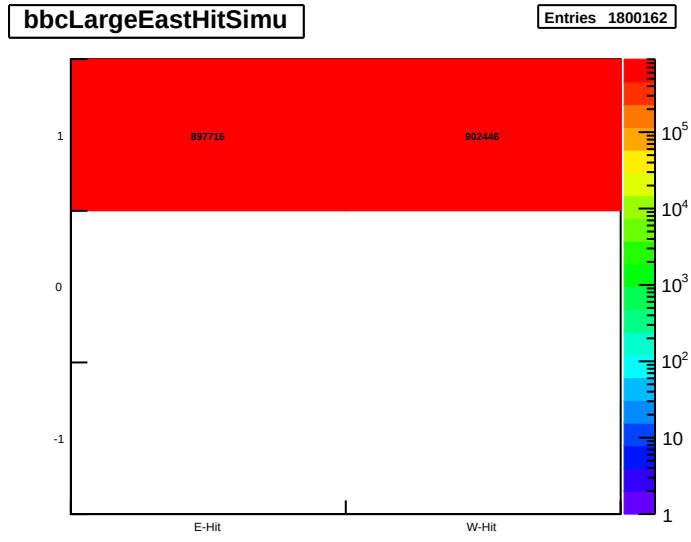

bbcSmallWestAdcSum
Entries1611318

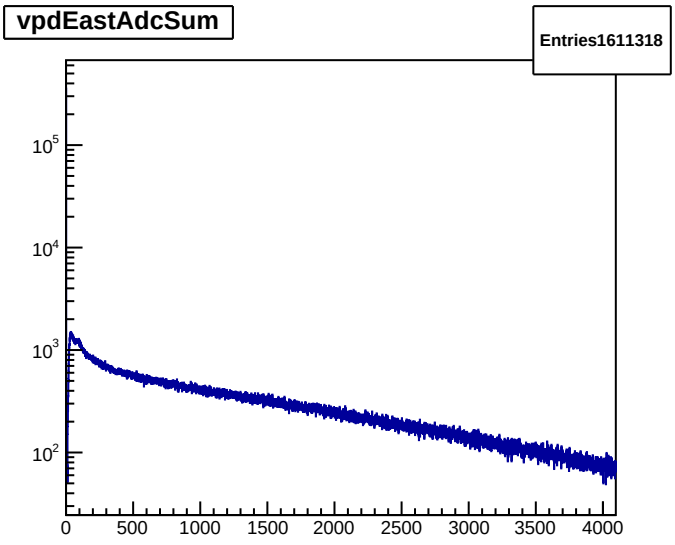

bbcSmallWestAdcSumVsSimu
Entries 907739
Data
Simu

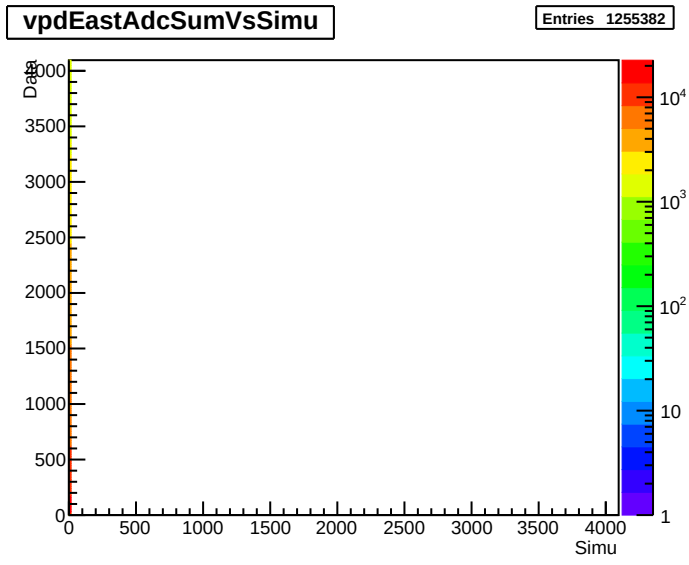

bbcSmallWestTacMax
Entries1611318

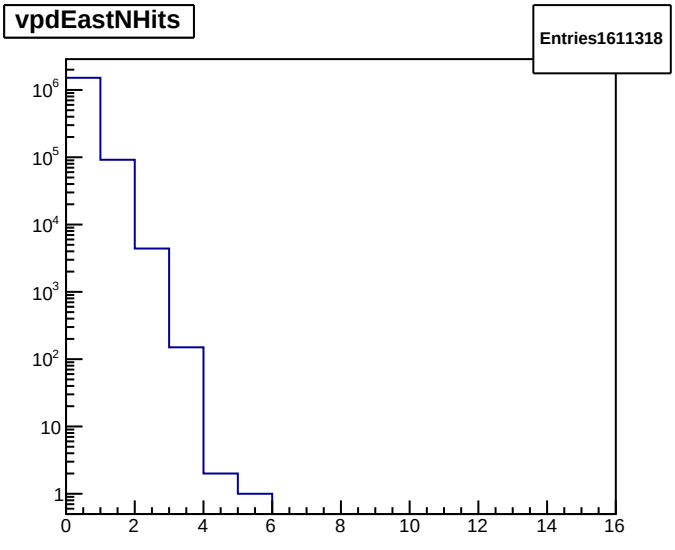

bbcSmallWestTacMaxVsSimu
Entries 907739
Data
Simu

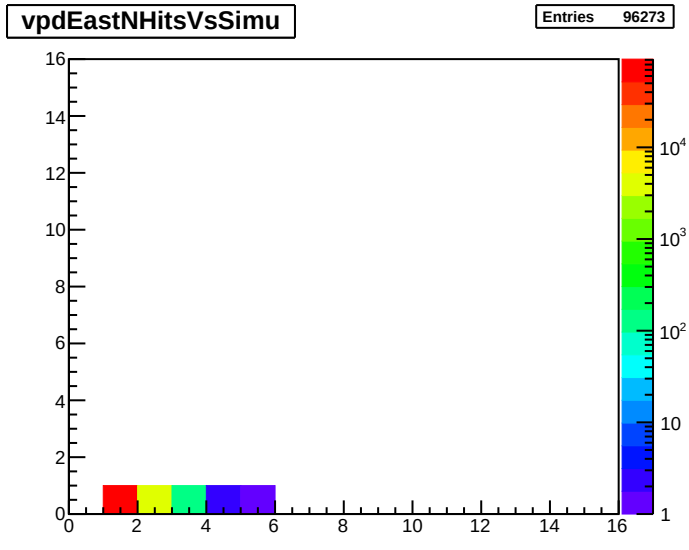

bbcLargeHit
Entries 3222636
1.47439e+06
1.43656e+06
136924
174758
1
0
E-Hit
W-Hit
10^6

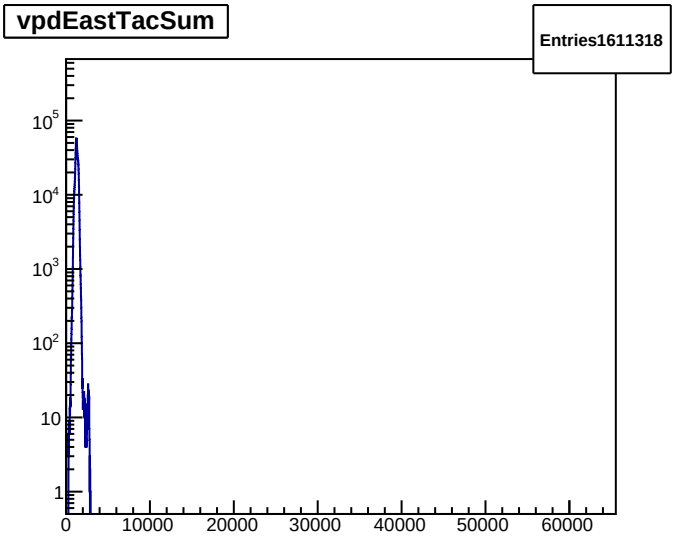

bbcLargeEastHitSimu
Entries 1800162
897716
902446
1
0
-1
E-Hit
W-Hit
10^5
10^4
10^3
10^2
10
1

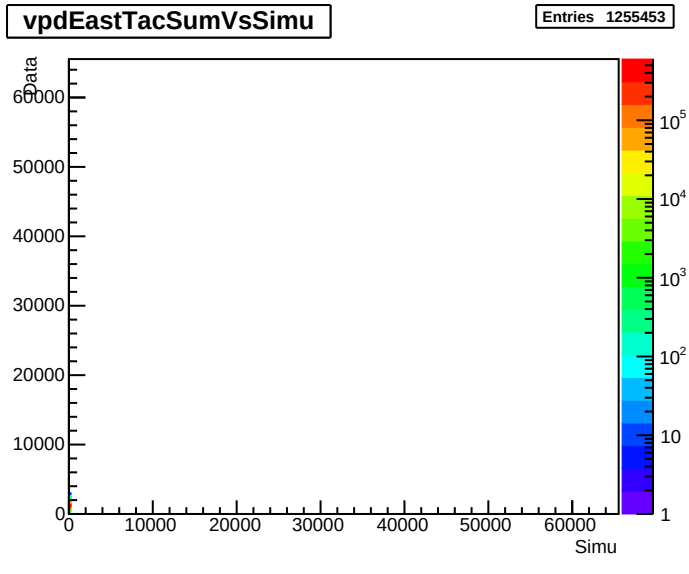

vpdEastAdcSum
Entries1611318

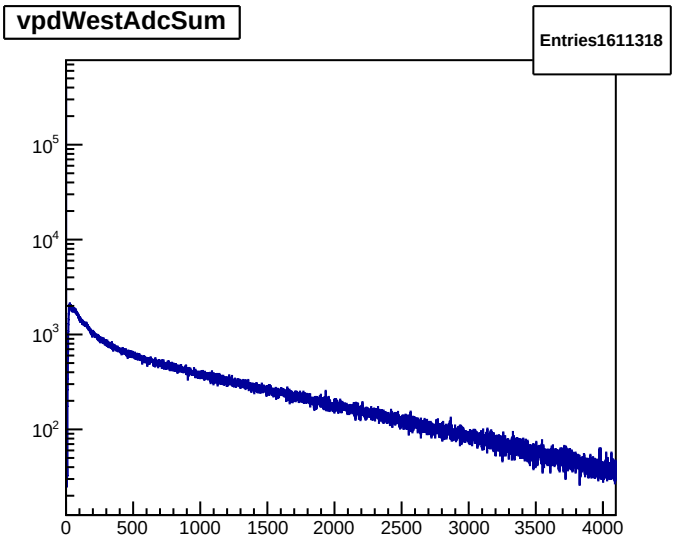

vpdEastAdcSumVsSimu
Entries 1255382
Data
Simu

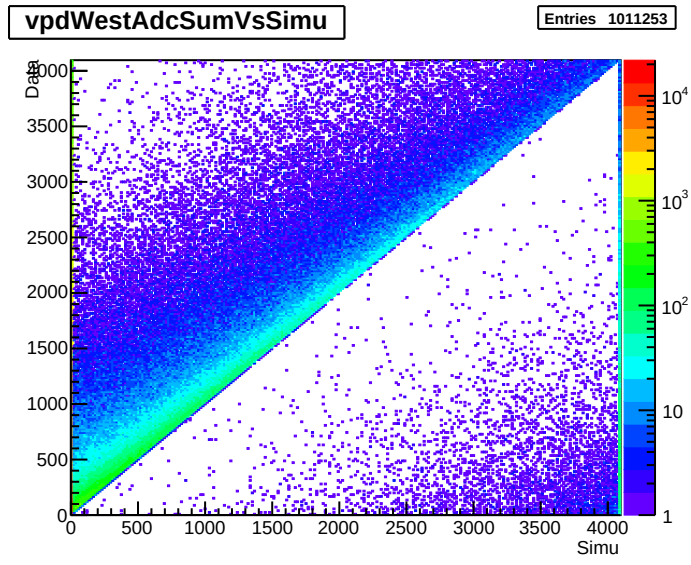

vpdEastNHits
Entries1611318

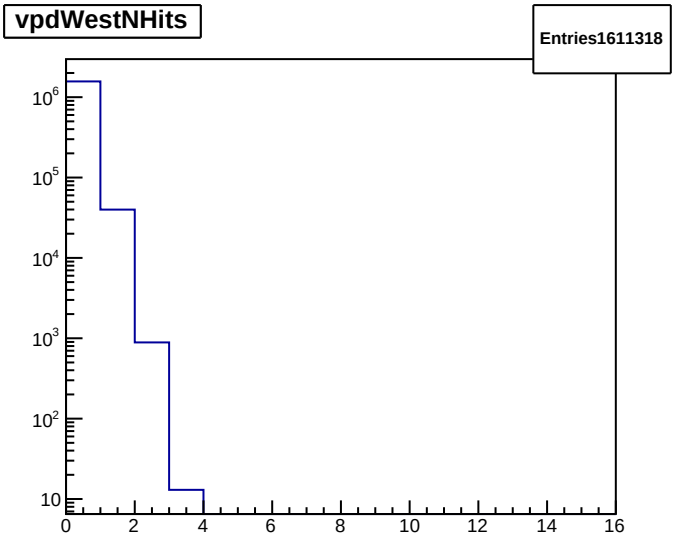

vpdEastNHitsVsSimu
Entries 96273

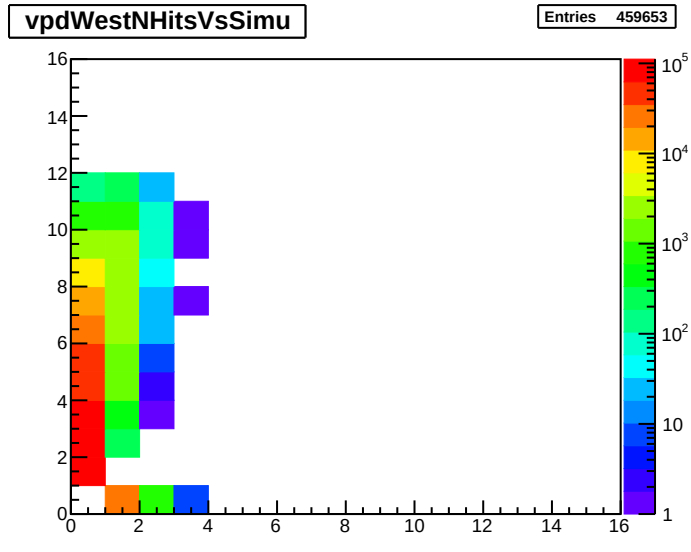

vpdEastTacSum
Entries1611318

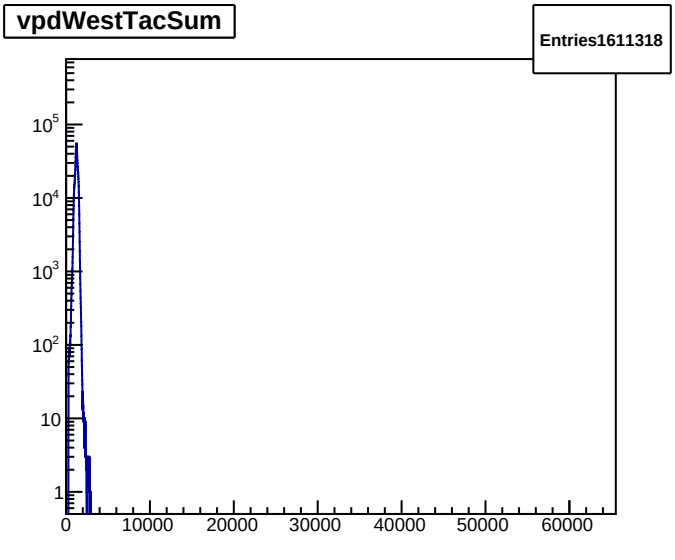

vpdEastTacSumVsSimu
Entries 1255453
Data
Simu

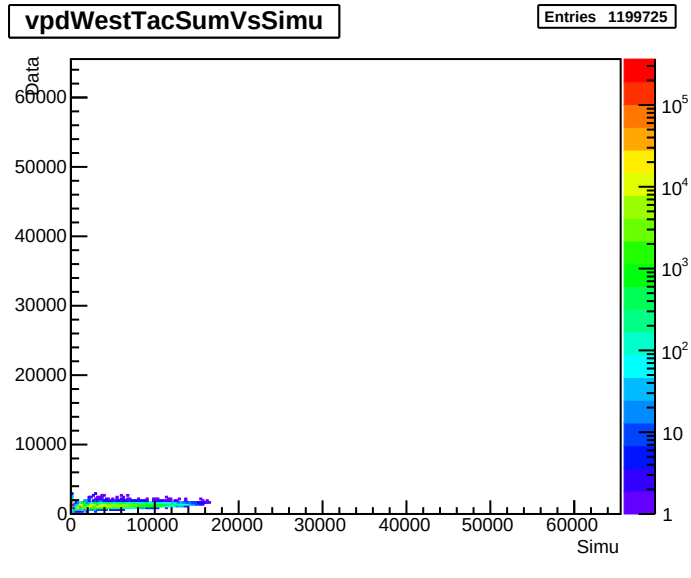

vpdWestAdcSum
Entries1611318

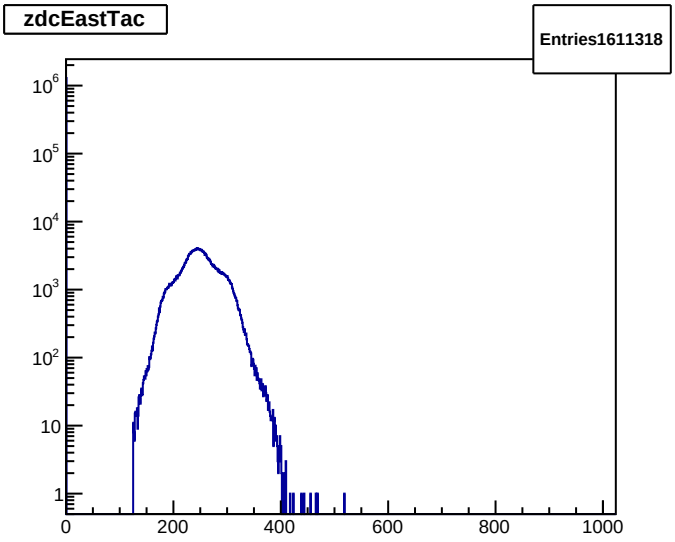

vpdWestAdcSumVsSimu
Entries 1011253
Data
Simu

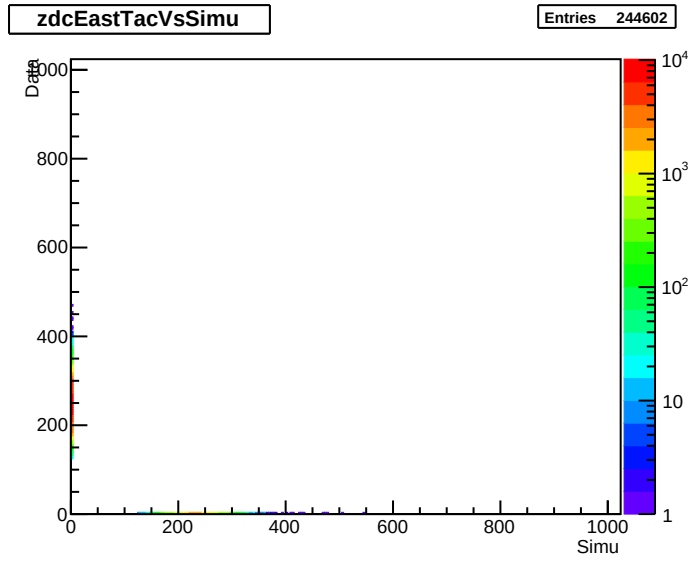

vpdWestNHits
Entries1611318

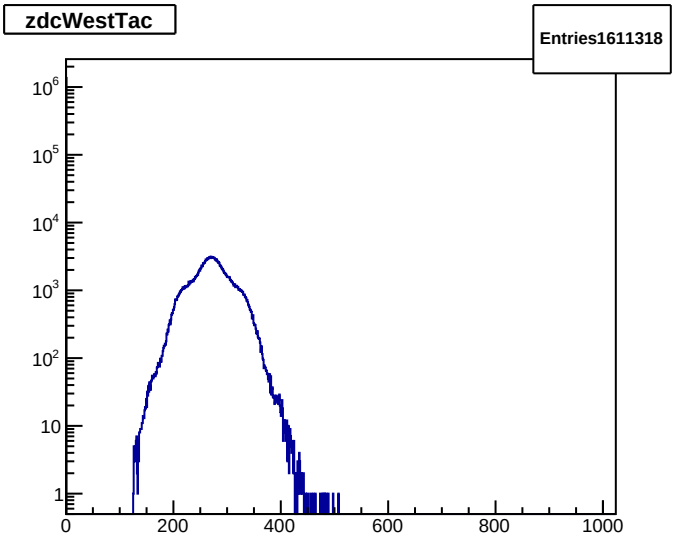

vpdWestNHitsVsSimu
Entries 459653

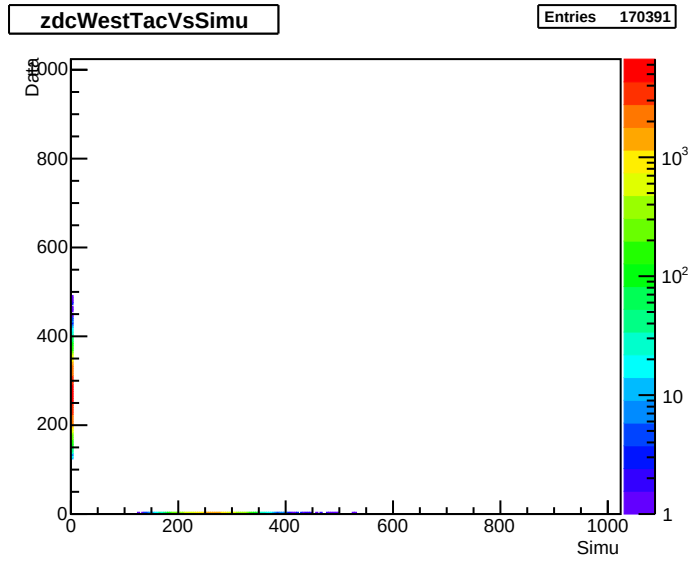

vpdWestTacSum
Entries1611318

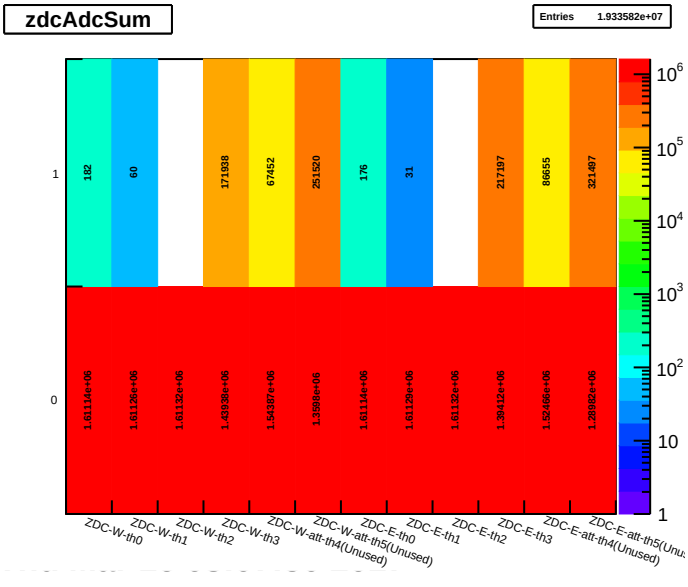

vpdWestTacSumVsSimu
Entries 1199725
Data
Simu

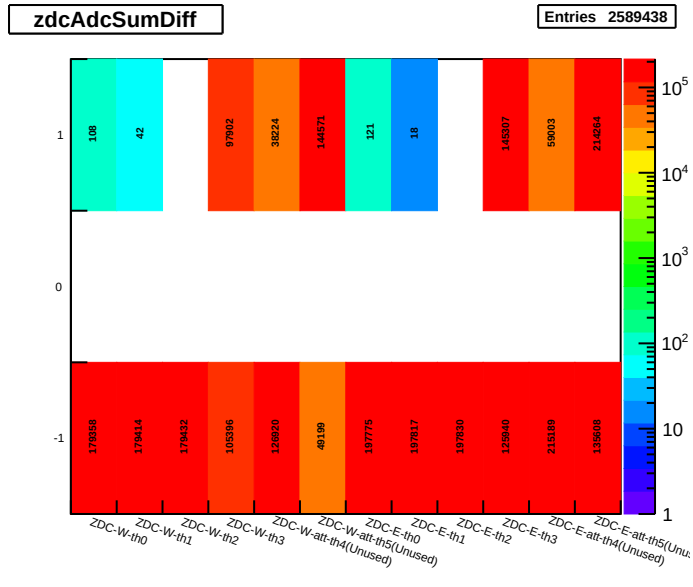

zdcEastTac
Entries1611318

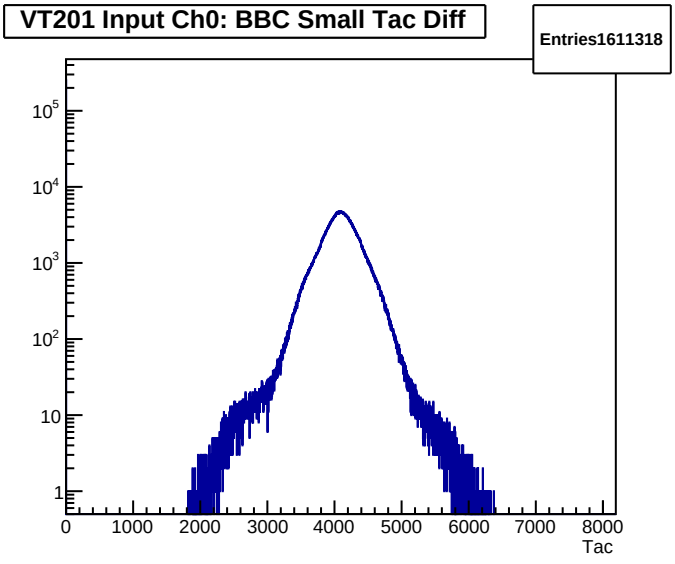

zdcEastTacVsSimu
Entries 244602
Data
Simu

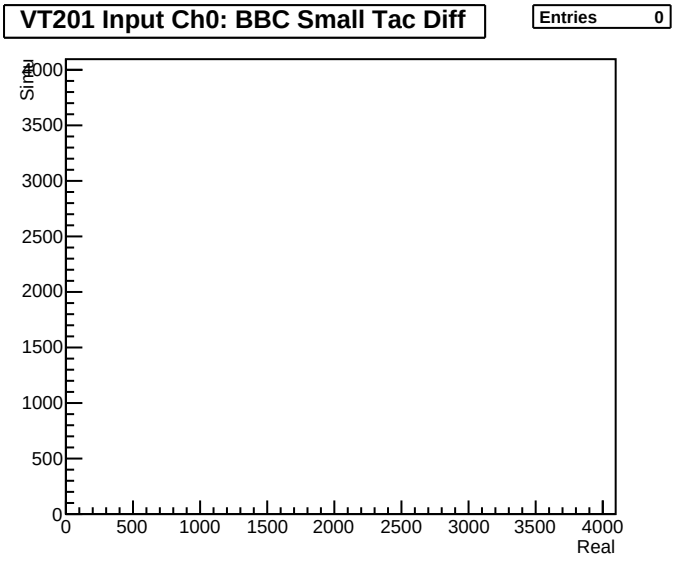

zdcWestTac
Entries1611318

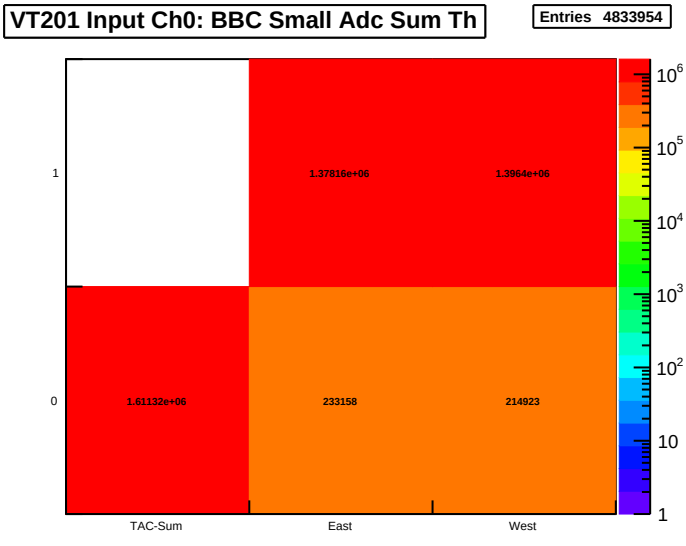

zdcWestTacVsSimu
Entries 170391
Data
Simu

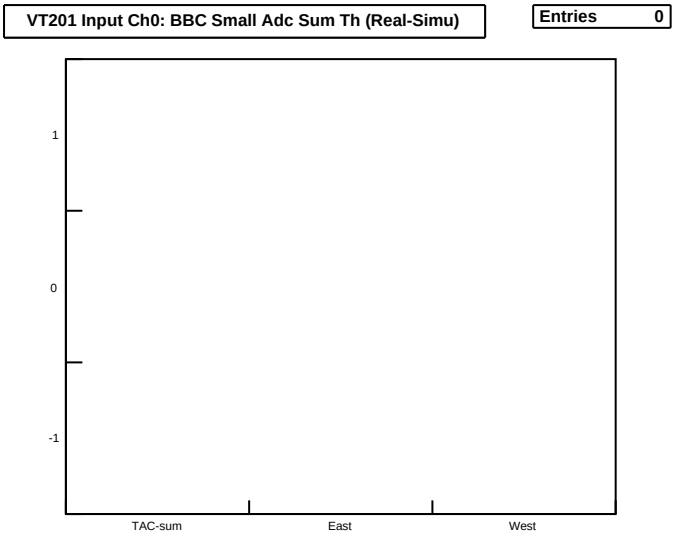

zdcAdcSum
Entries 1.933582e+07
182
60
171938
67452
251520
176
31
217197
66655
321497
1.61114e+06
1.61126e+06
1.61132e+06
1.45938e+06
1.54387e+06
1.35988e+06
1.61114e+06
1.61126e+06
1.61132e+06
1.38412e+06
1.52466e+06
1.28982e+06
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

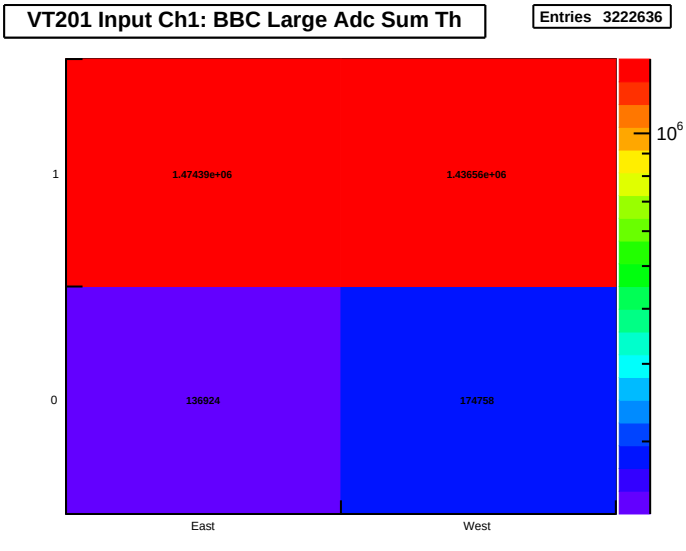

zdcAdcSumDiff
Entries 2589438
108
42
97902
38224
144571
121
18
145307
59003
214264
179358
179414
179432
105396
126920
49199
197775
197817
197830
125940
215189
135608
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

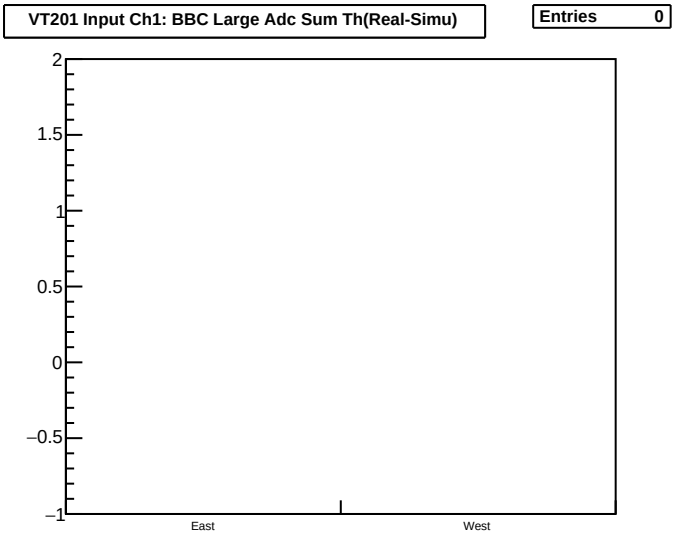

VT201 Input Ch0: BBC Small Tac Diff
Entries1611318
Tac


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

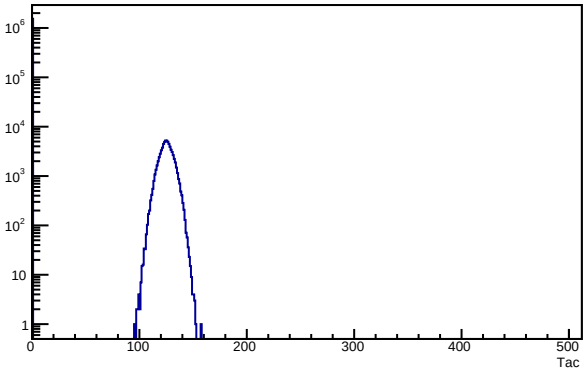

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 4833954
1.37816e+06
1.3964e+06
1.61132e+06
233158
214923
TAC-Sum
East
West


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

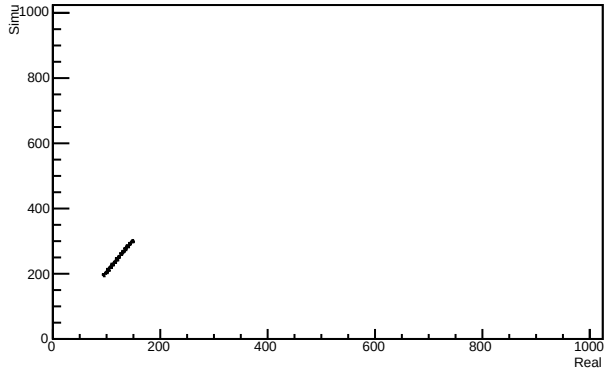

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 3222636
1.47439e+06
1.43656e+06
136924
174758
East
West


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

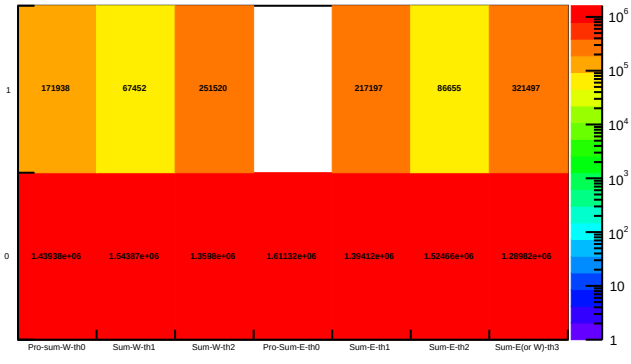
VT201 Input Ch2: ZDC Tac Diff



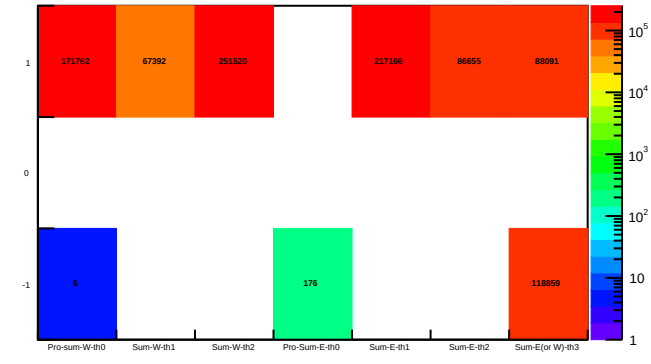
VT201 Input Ch2: ZDC Tac Diff



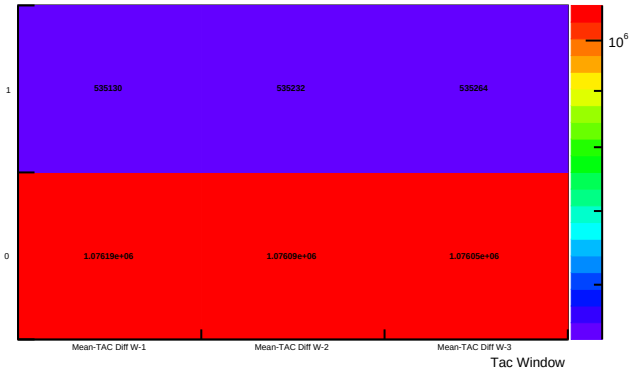
VT201 Input Ch2: ZDC Adc Sum Th



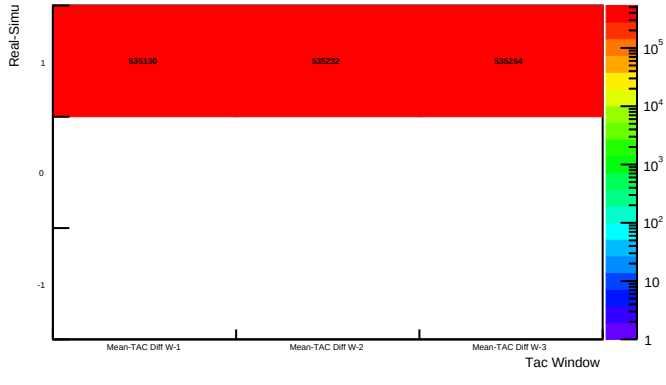
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



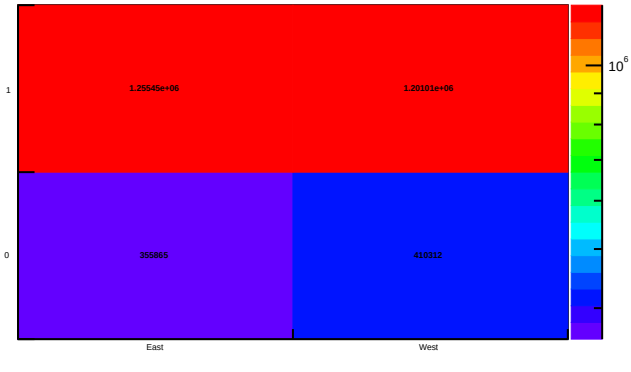
VT201 Input Ch4: VPD Tac Diff



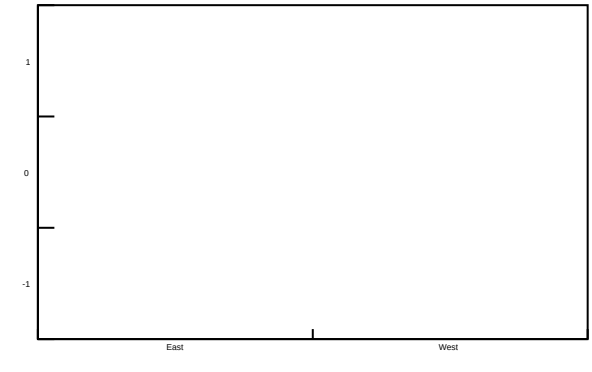
VT201 Input Ch4: VPD Tac Diff

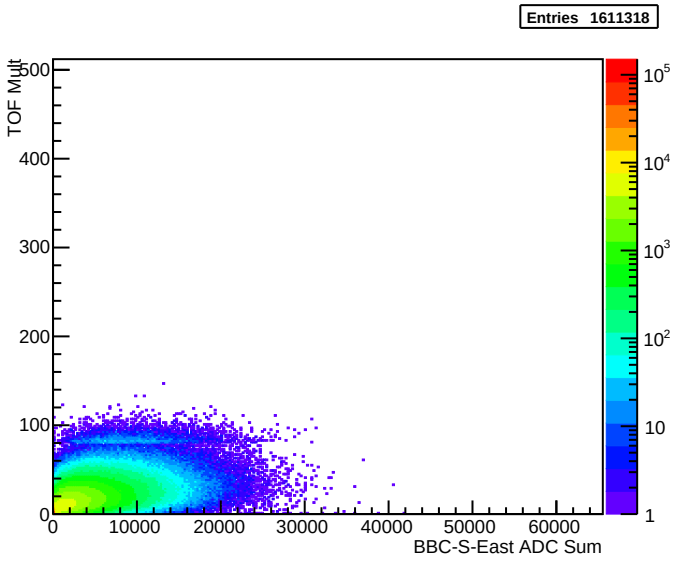


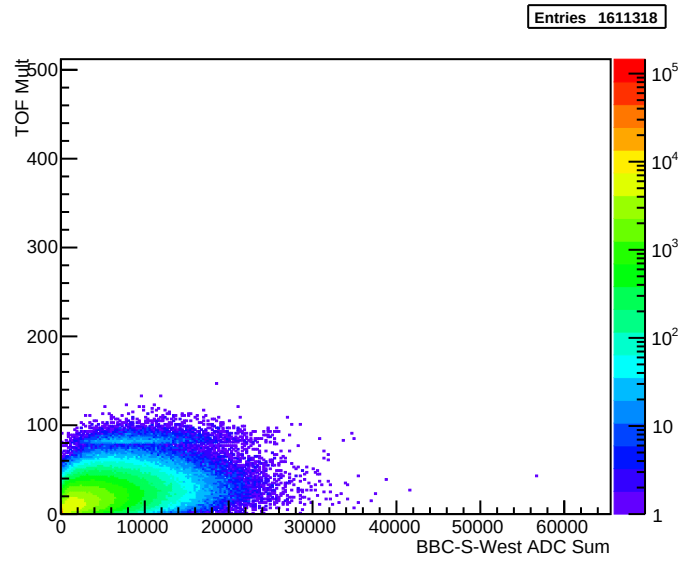
VT201 Input Ch4: VPD Adc Sum Th

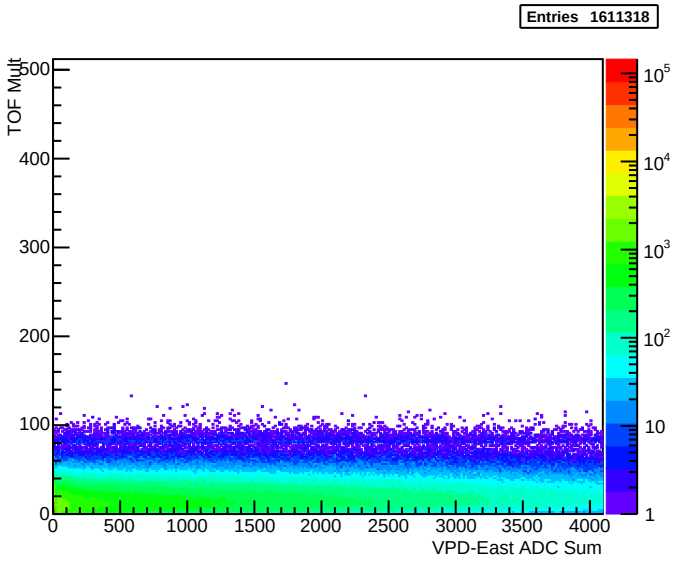


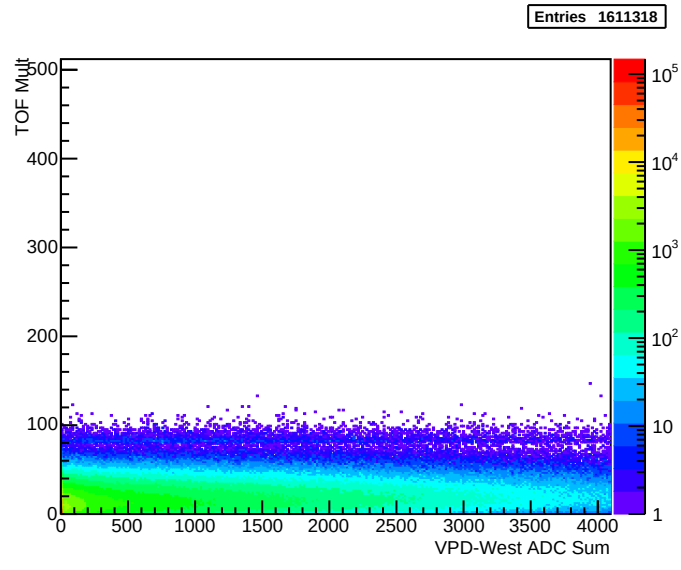
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

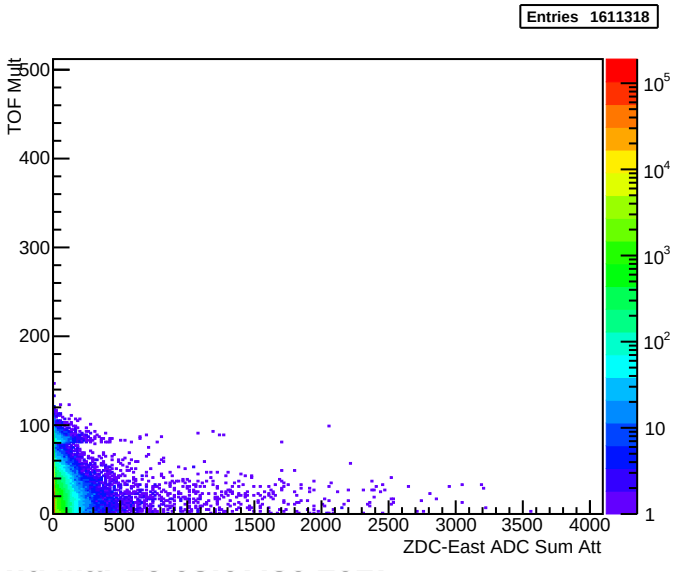


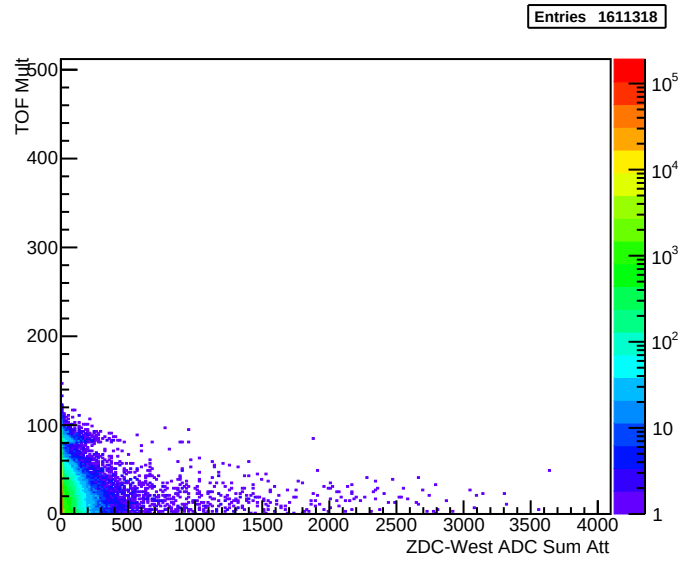

Entries 1611318
TOF Mult
BBC-S-East ADC Sum

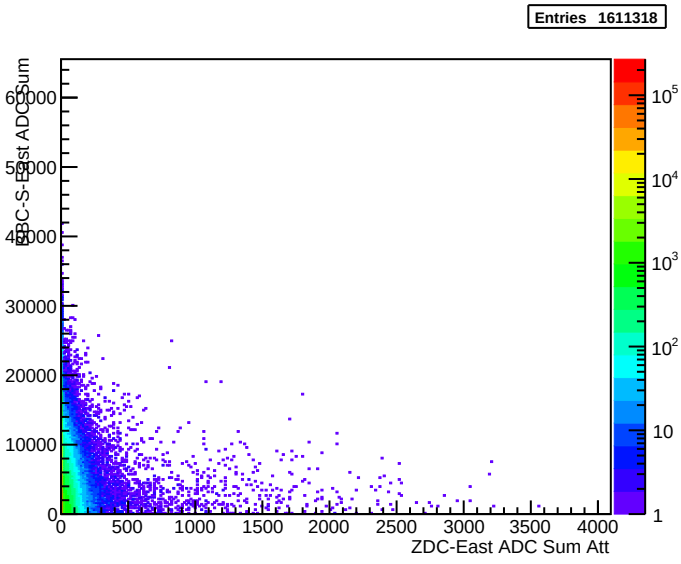

Entries 1611318
TOF Mult
BBC-S-West ADC Sum

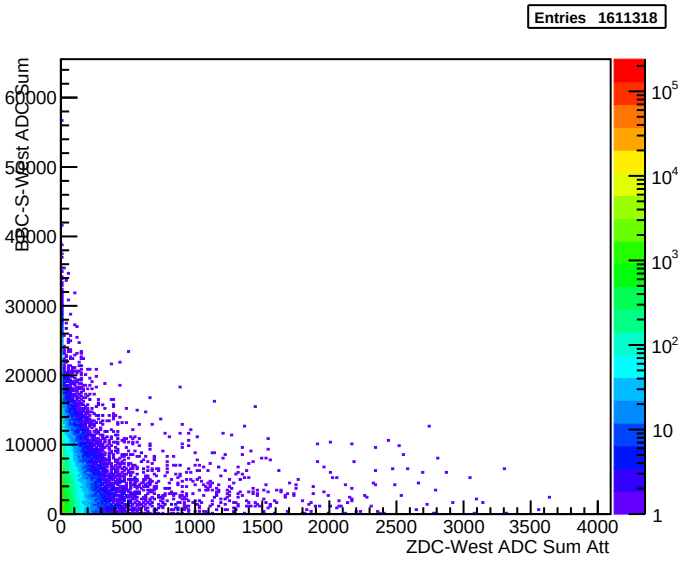

Entries 1611318
TOF Mult
VPD-East ADC Sum

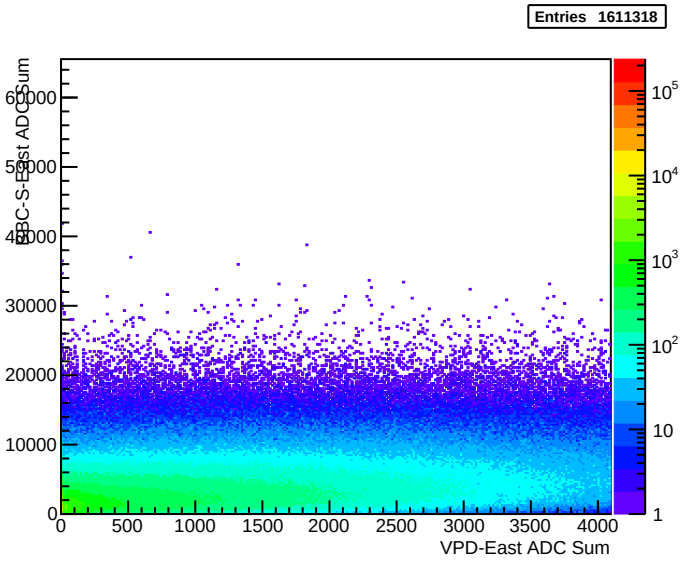

Entries 1611318
TOF Mult
VPD-West ADC Sum

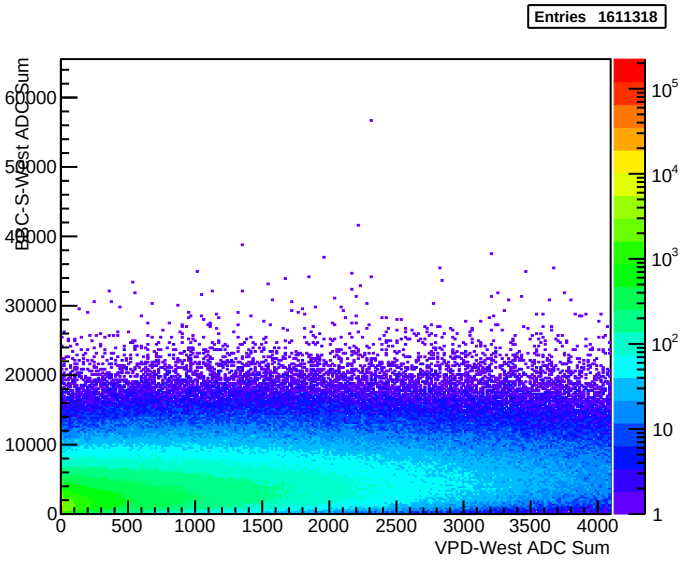

Entries 1611318
TOF Mult
ZDC-East ADC Sum Att

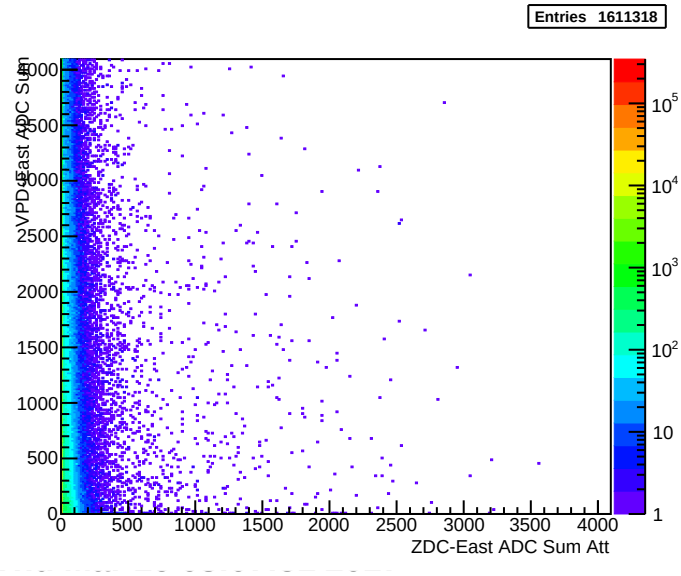

Entries 1611318
TOF Mult
ZDC-West ADC Sum Att

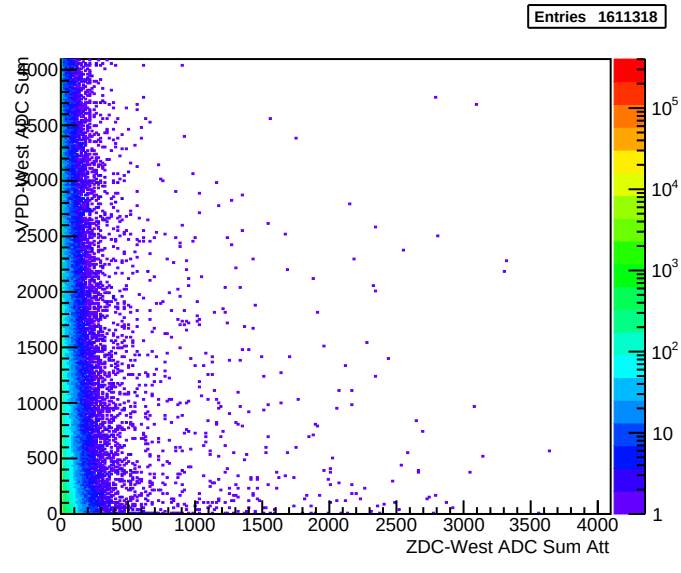

Entries 1611318
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

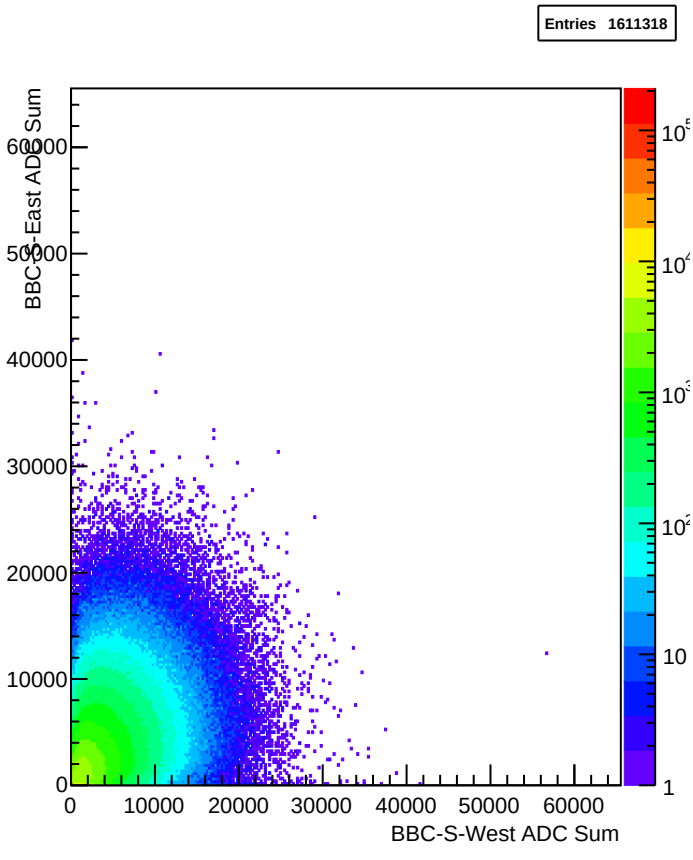

Entries 1611318
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

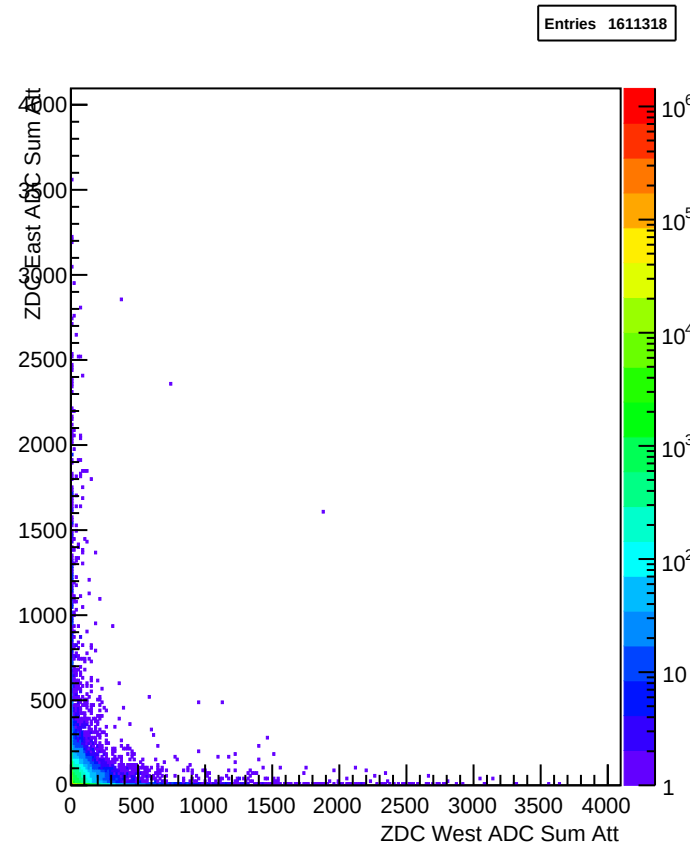

Entries 1611318
BBC-S-East ADC Sum
VPD-East ADC Sum

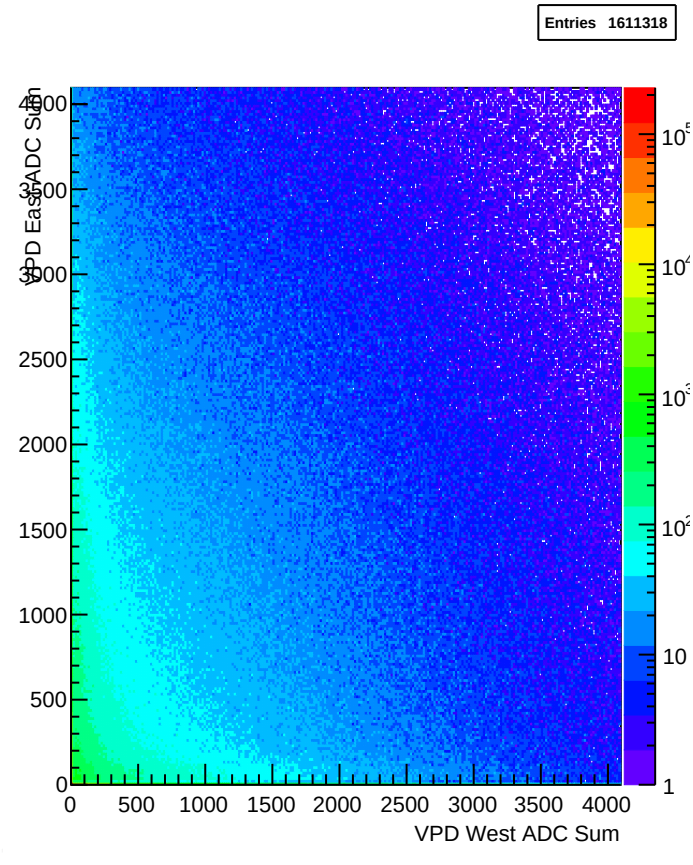

Entries 1611318
BBC-S-West ADC Sum
VPD-West ADC Sum

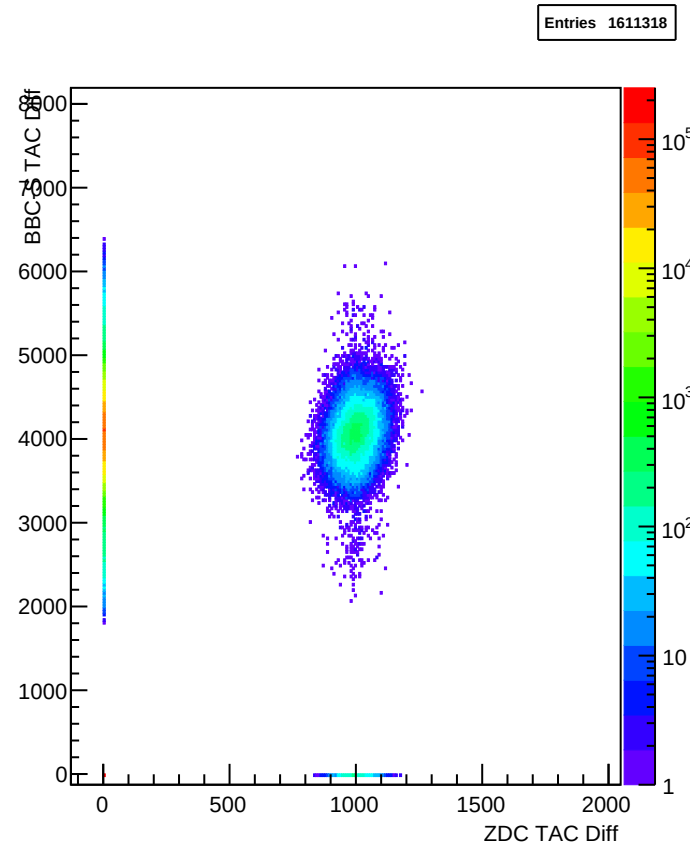

Entries 1611318
VPD-East ADC Sum
ZDC-East ADC Sum Att

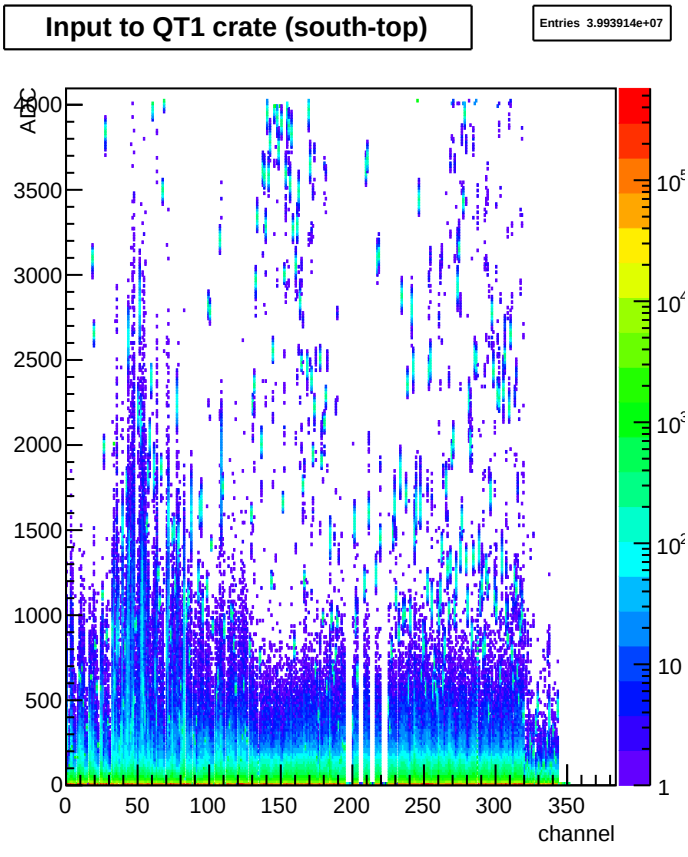

Entries 1611318
VPD-West ADC Sum
ZDC-West ADC Sum Att

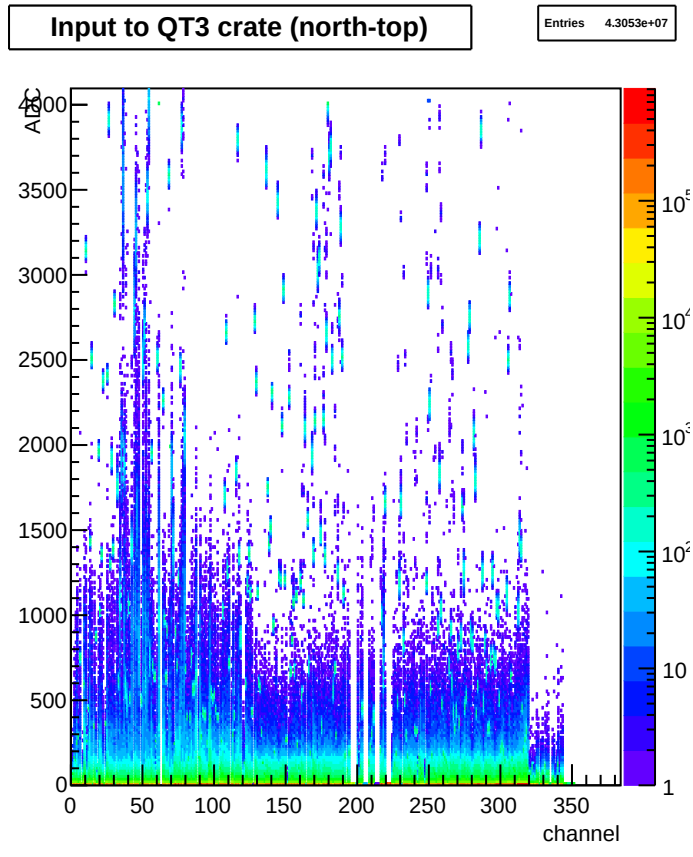

Entries 1611318
BBC-S-East ADC Sum
BBC-S-West ADC Sum

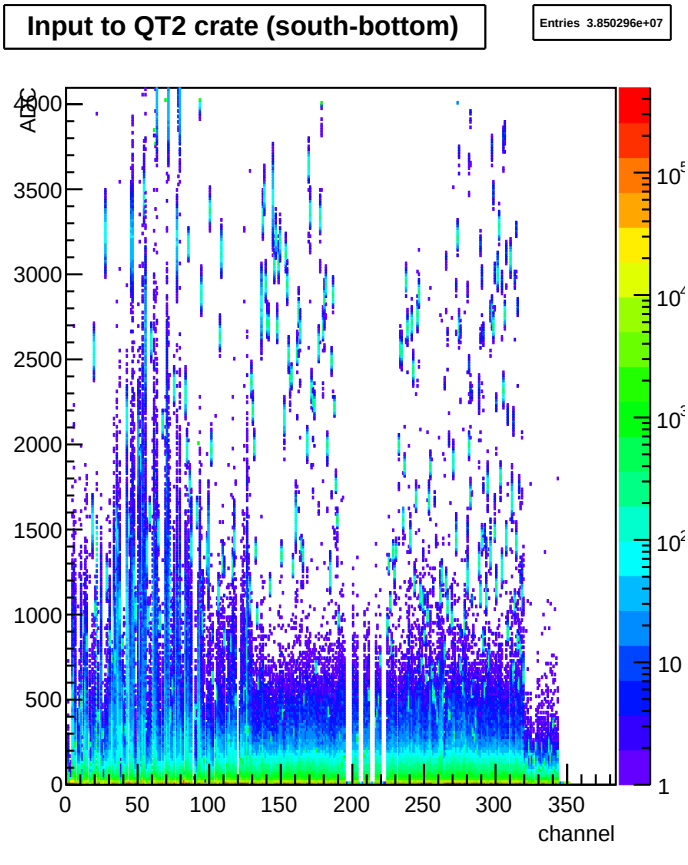

Entries 1611318
ZDC East ADC Sum Att
ZDC West ADC Sum Att

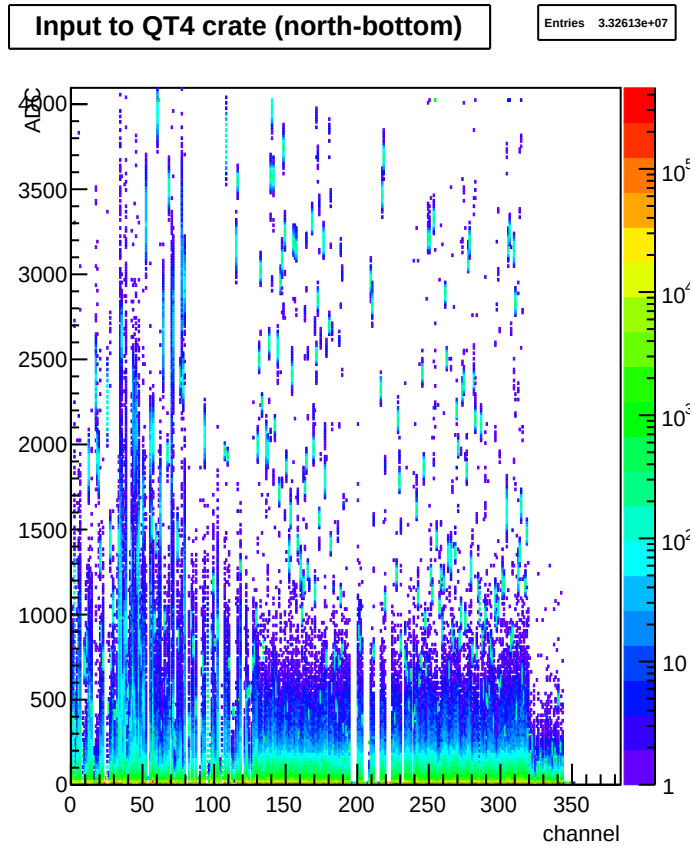

Entries 1611318
VPD East ADC Sum
VPD West ADC Sum

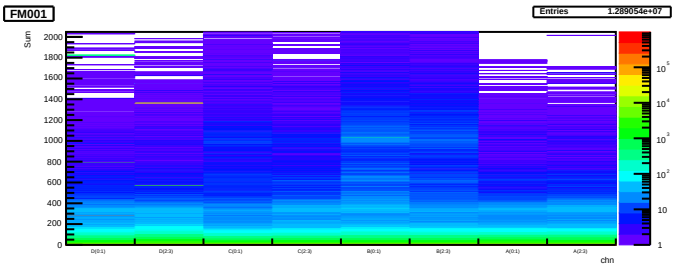

Entries 1611318
BBC-S TAC Diff
ZDC TAC Diff

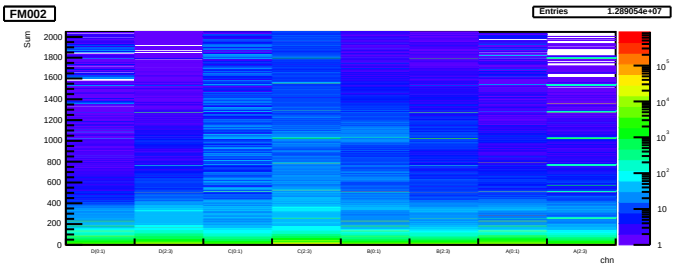

Input to QT1 crate (south-top)
Entries 3.993914e+07
ADC
channel

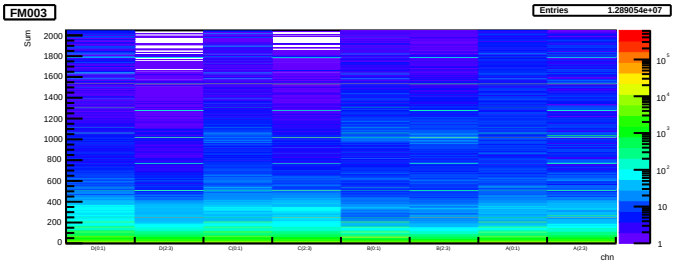

Input to QT3 crate (north-top)
Entries 4.3053e+07
ADC
channel

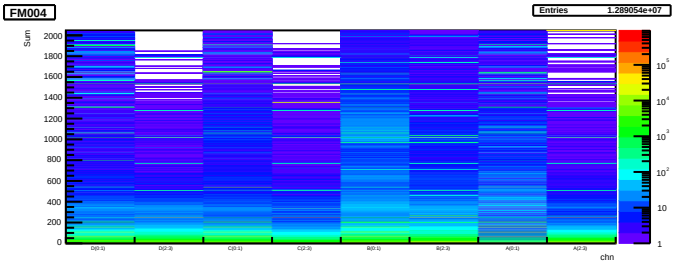

Input to QT2 crate (south-bottom)
Entries 3.850296e+07
ADC
channel

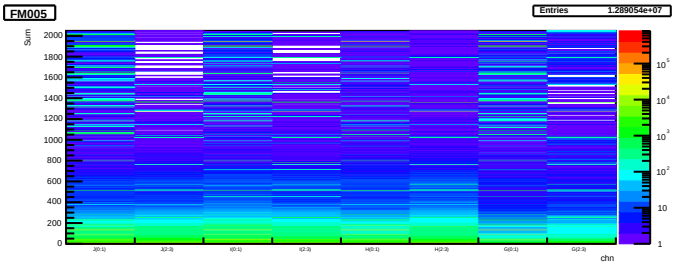

Input to QT4 crate (north-bottom)
Entries 3.32613e+07
ADC
channel

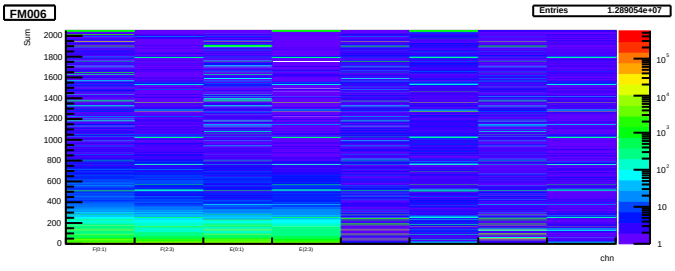

FM001
Entries 1.289054e+07
Sum
chn


FM002
Entries 1.289054e+07
Sum
chn


FM003
Entries 1.289054e+07
Sum
chn


FM004
Entries 1.289054e+07
Sum
chn


FM005
Entries 1.289054e+07
Sum
chn


FM006
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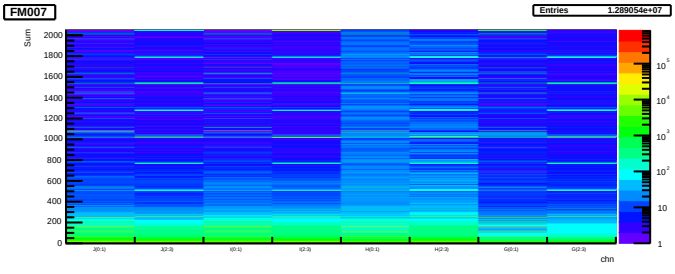
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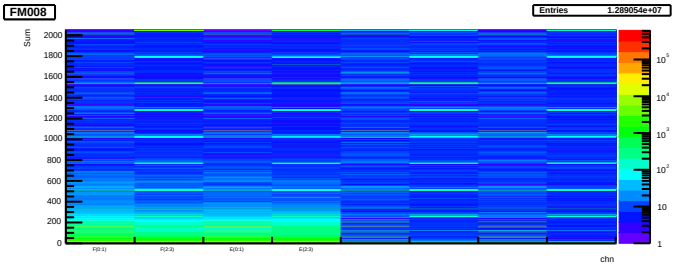
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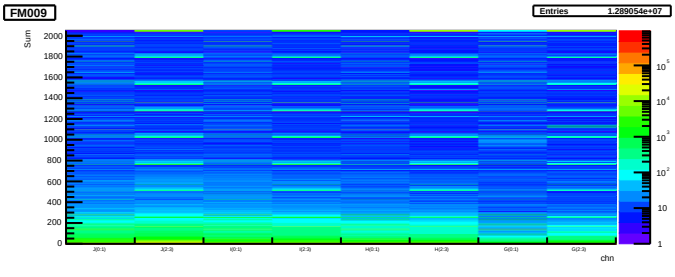
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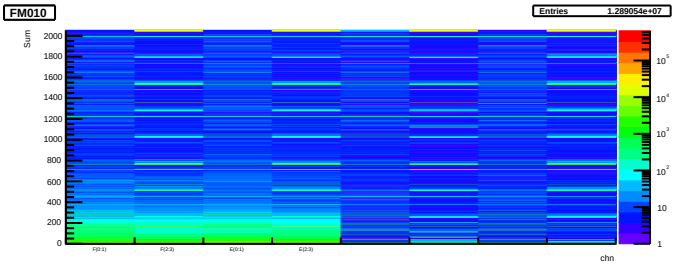
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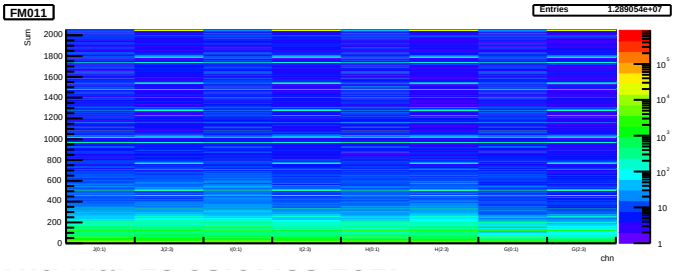
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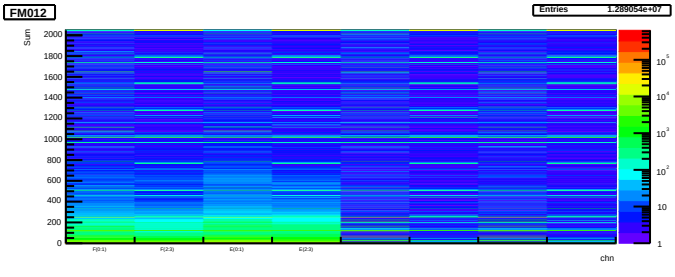
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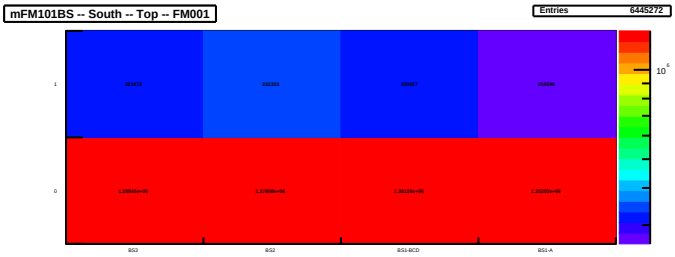
mFM101BS -- South -- Top -- FM001
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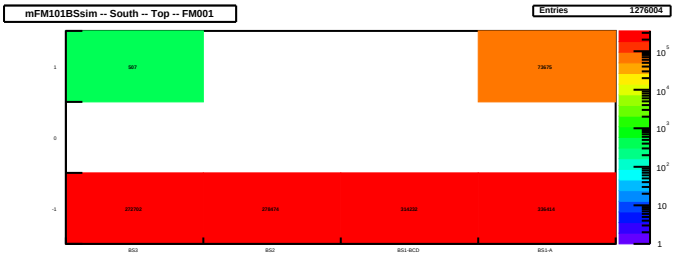
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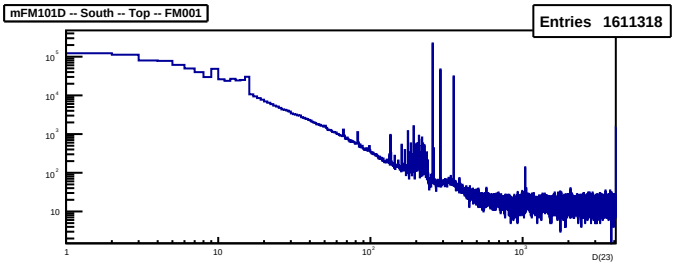
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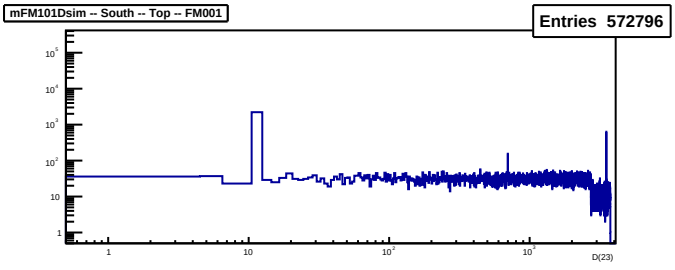
Entries 1611318
D(23)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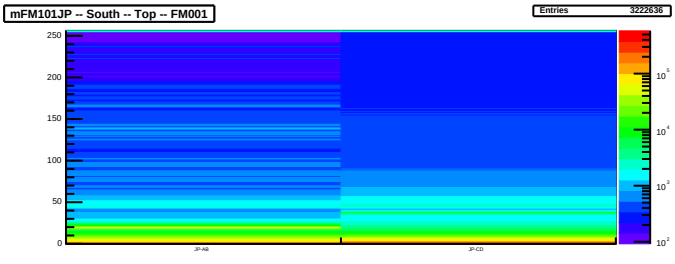
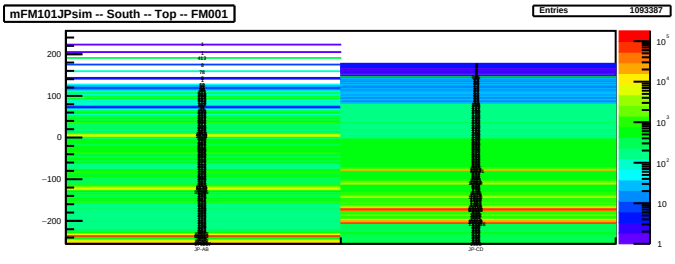
D(23)


mFM101JP -- South -- Top -- FM001
Entries 3222636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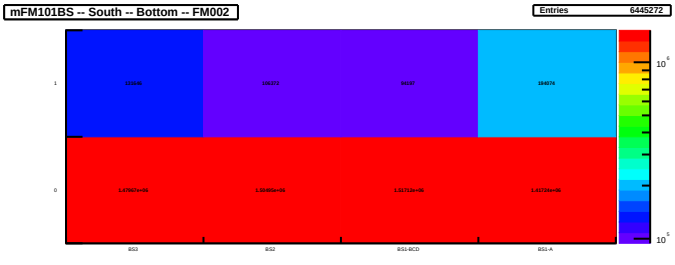
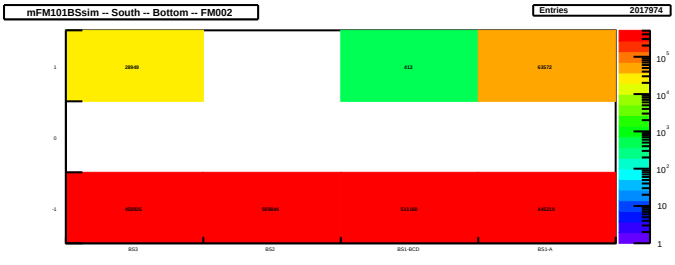

mFM101BS -- South -- Bottom -- FM002
Entries 6445272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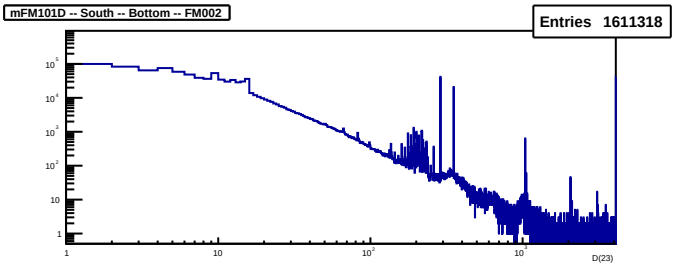
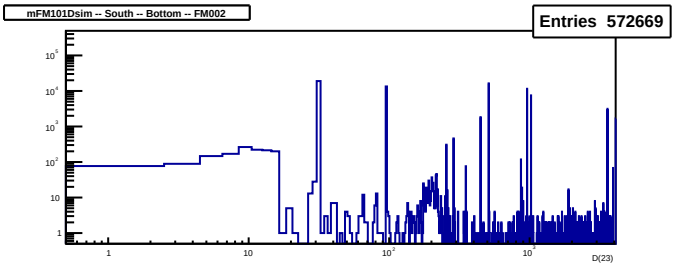

mFM101D -- South -- Bottom -- FM002
Entries 1611318
D(23)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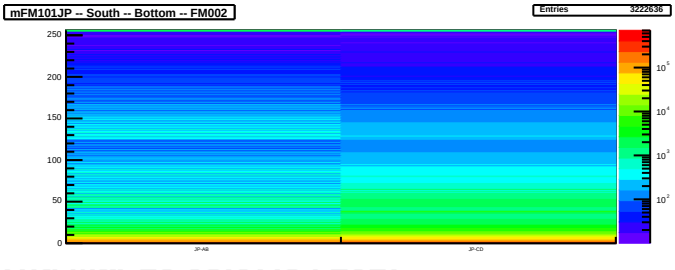
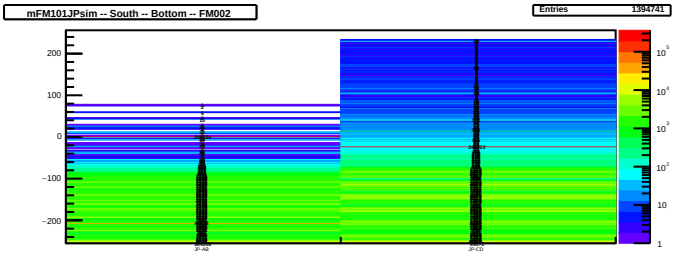
D(23)


mFM101JP -- South -- Bottom -- FM002
Entries 3222636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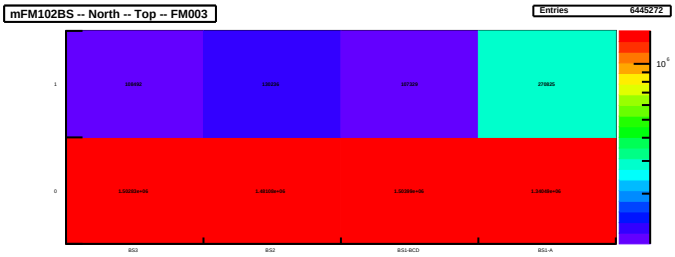
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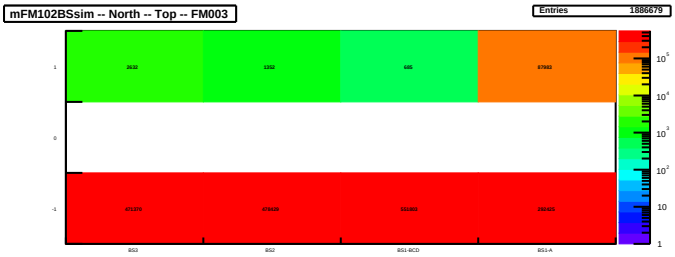
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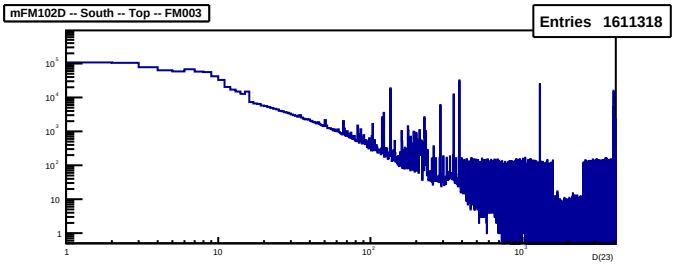
mFM102D -- South -- Top -- FM003
Entries 1611318
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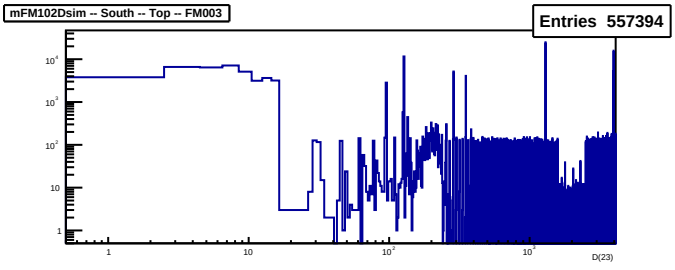
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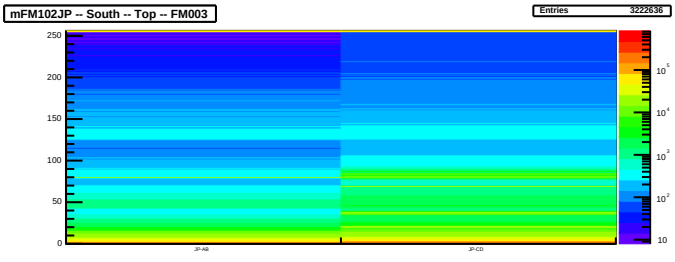
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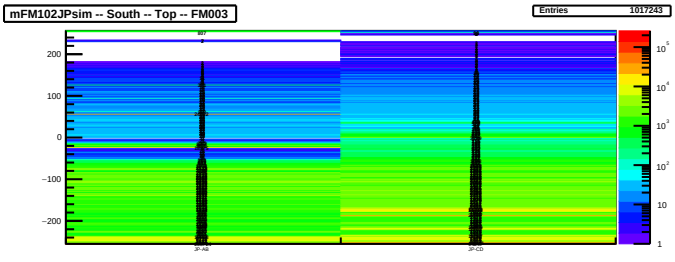
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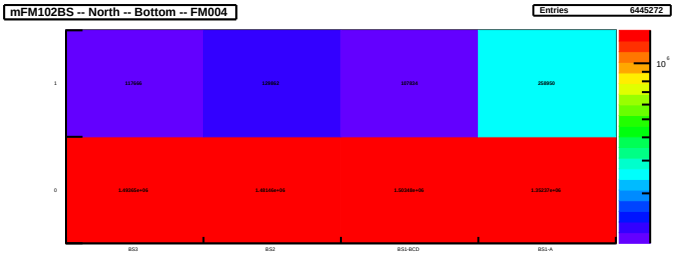
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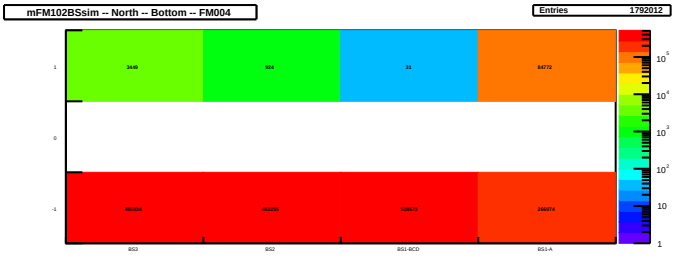
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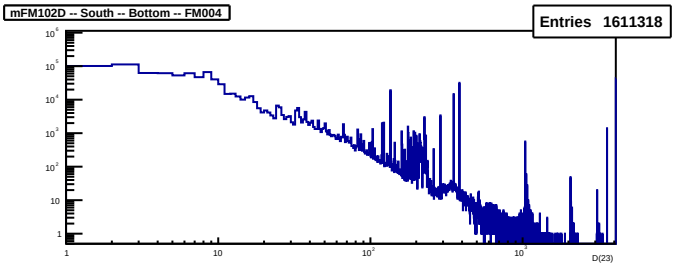
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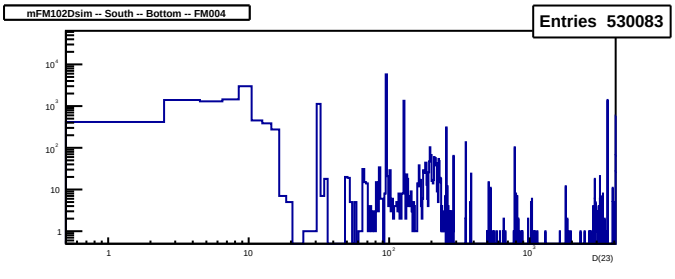
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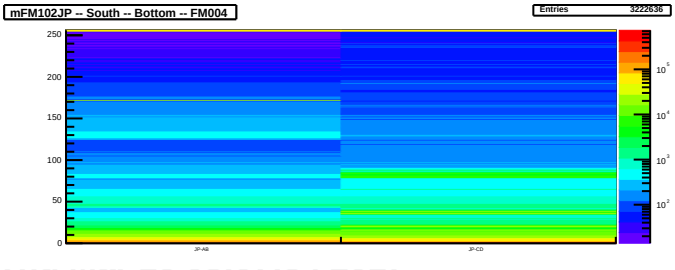
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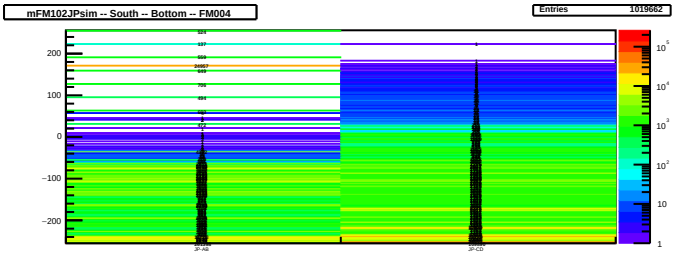
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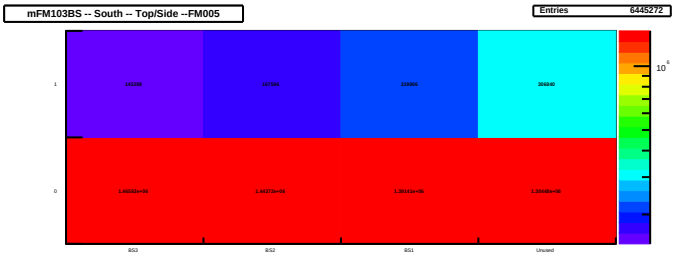
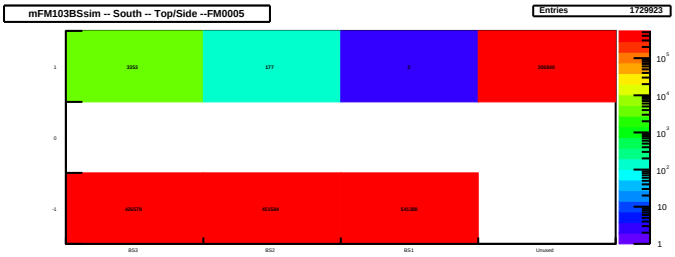

mFM103BS -- South -- Top/Side --FM005
Entries 6445272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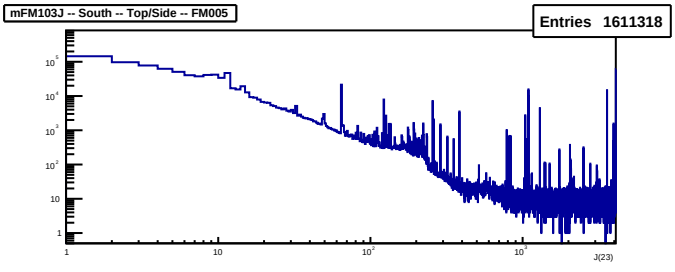
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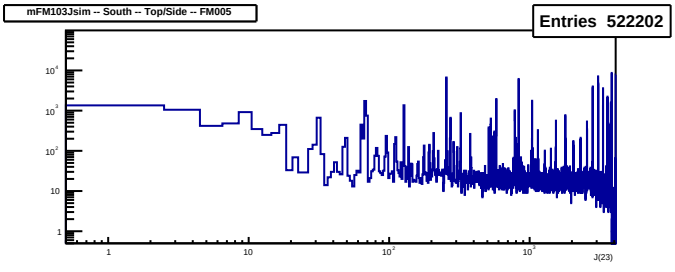
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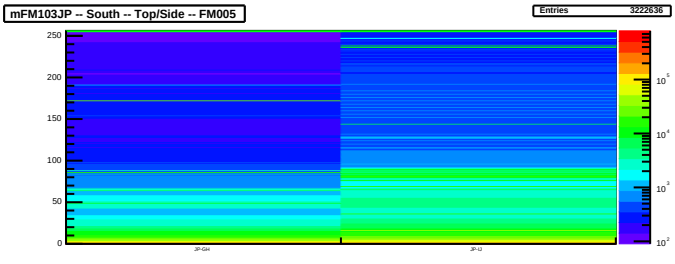
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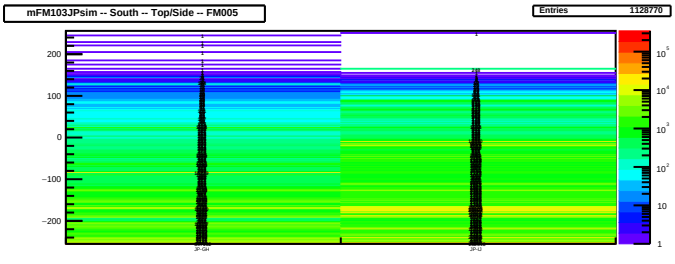
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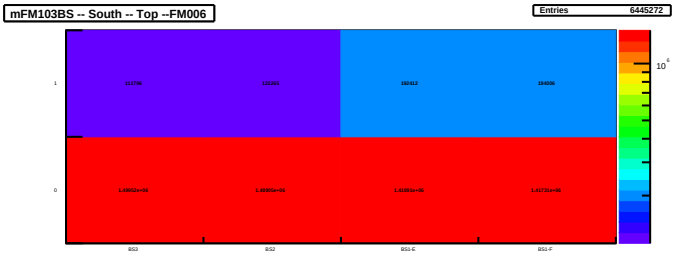
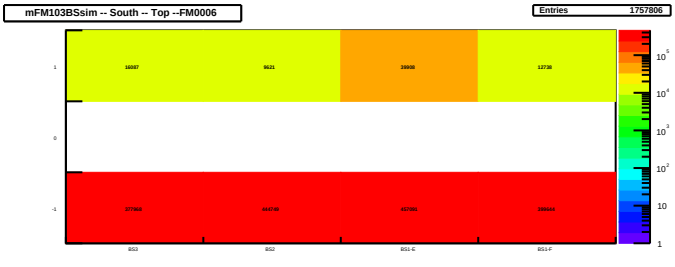

mFM103BS -- South -- Top --FM006
Entries 6445272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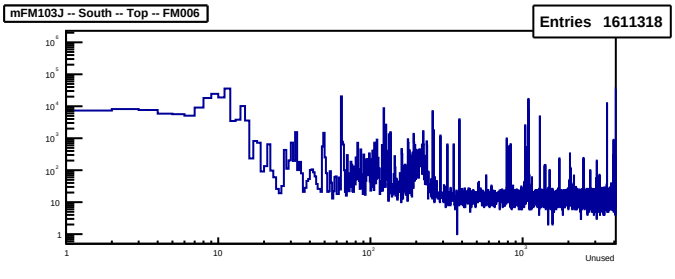
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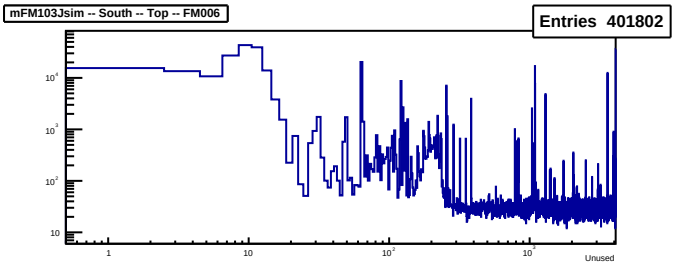
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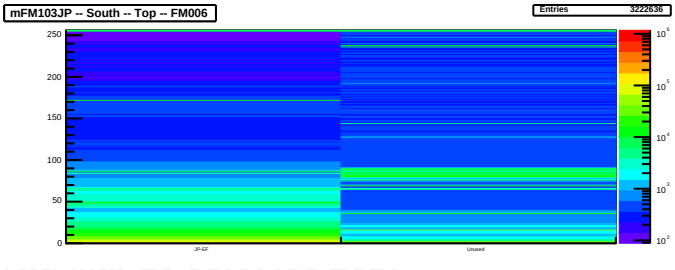
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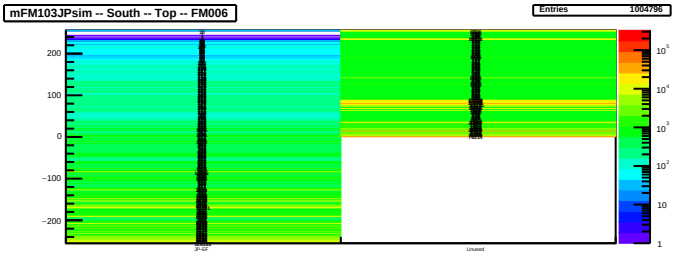
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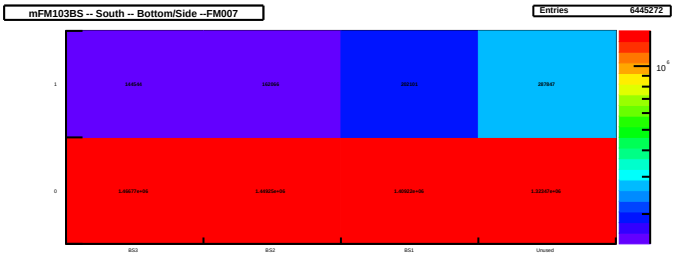
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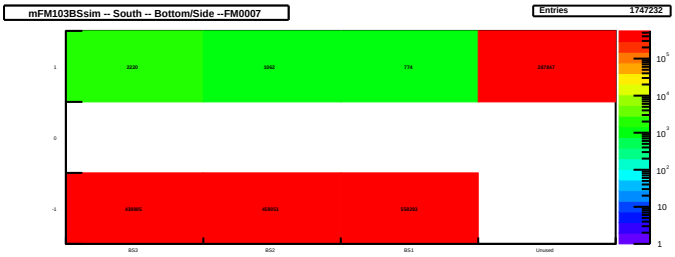
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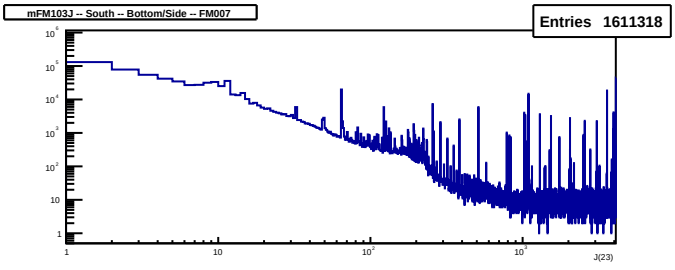
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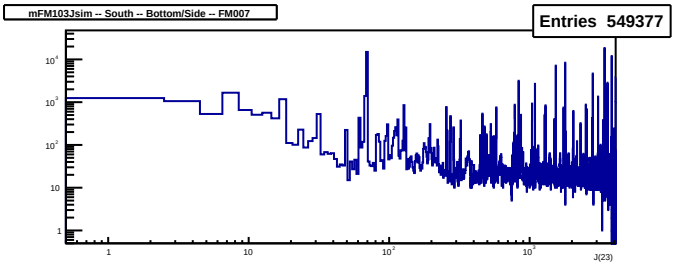
J(23)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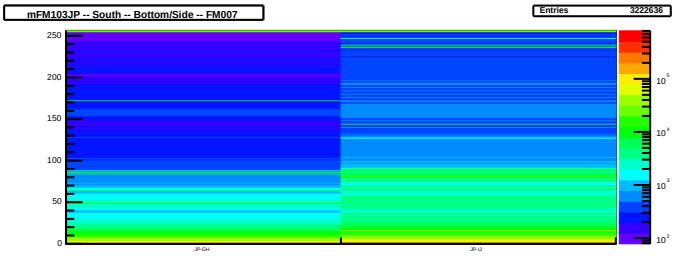
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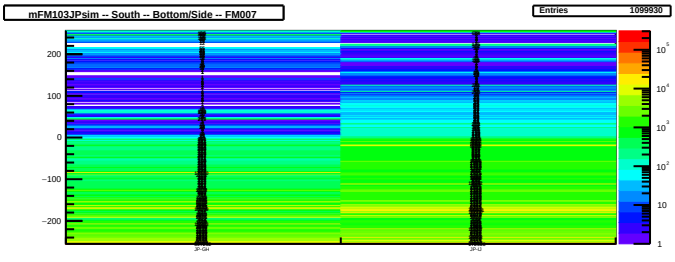
Entries 3222636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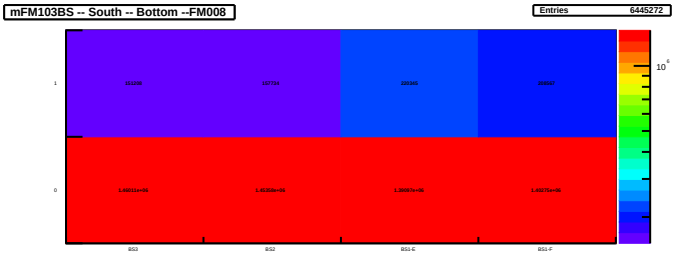
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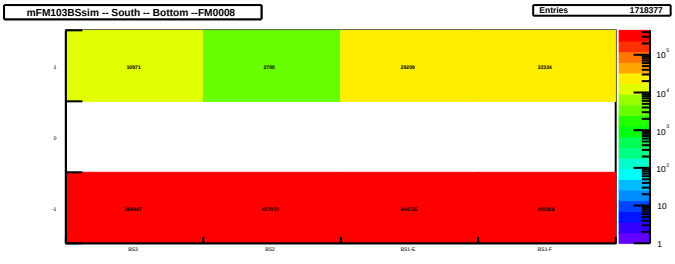
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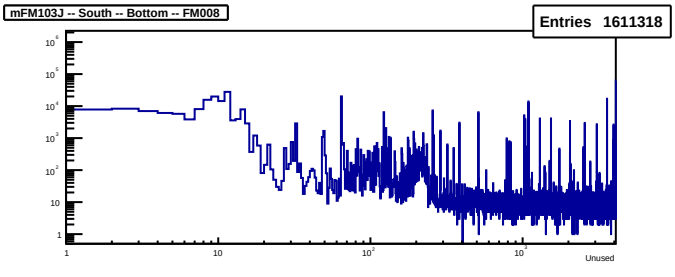
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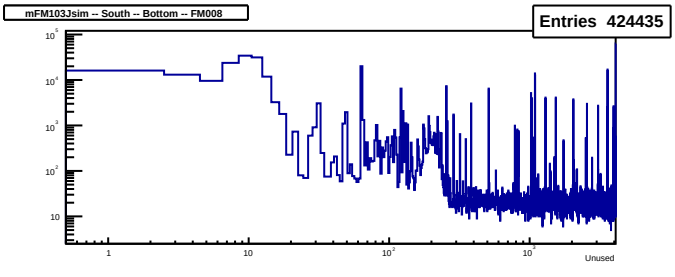
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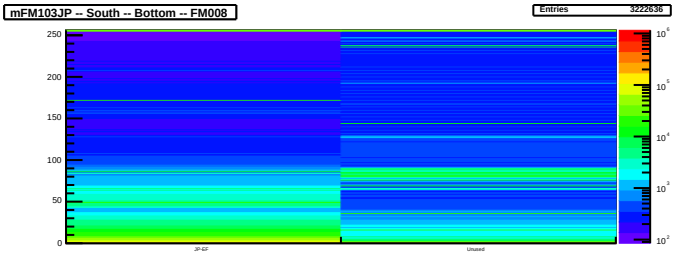
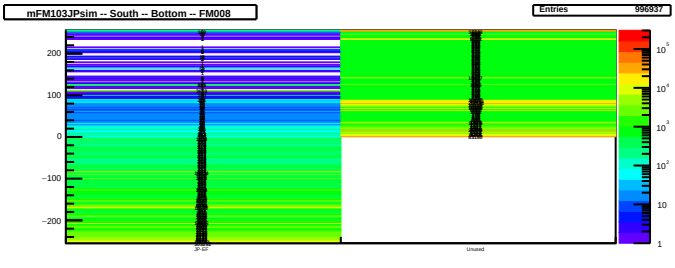
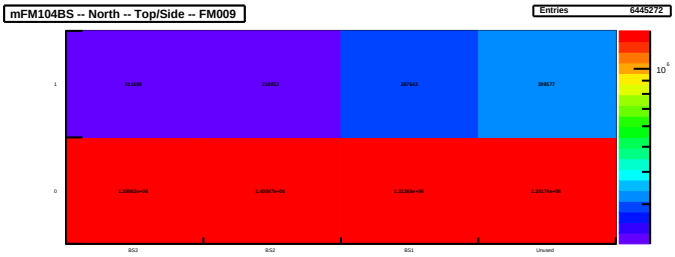
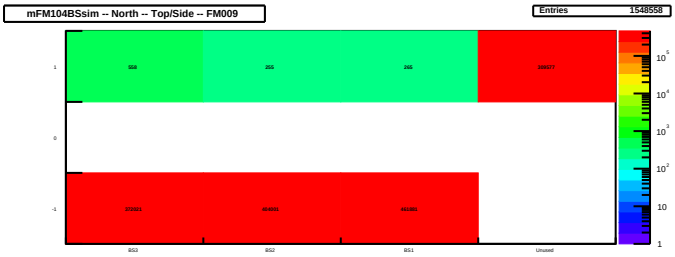

mFM103JP -- South -- Bottom -- FM008
Entries 3222636


mFM103JPsim -- South -- Bottom -- FM008
Entries 996937


mFM104BS -- North -- Top/Side -- FM009
Entries 6445272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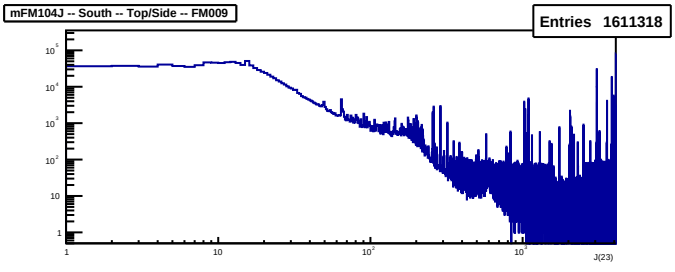
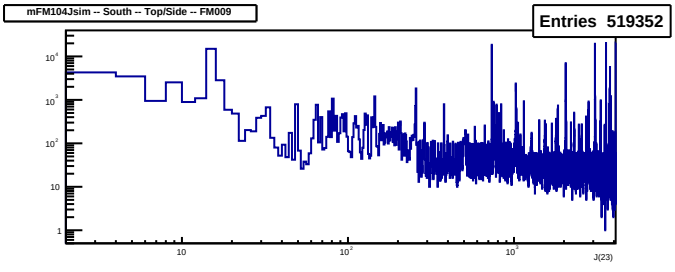
Entries 1548558


mFM104J -- South -- Top/Side -- FM009
Entries 1611318
J(23)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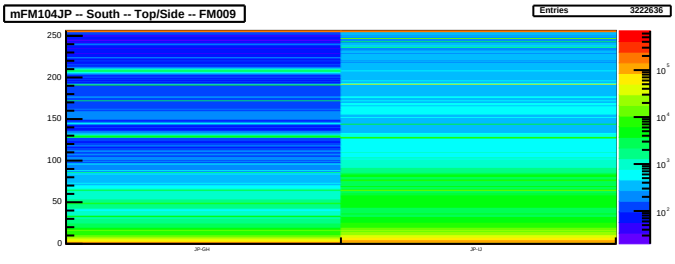
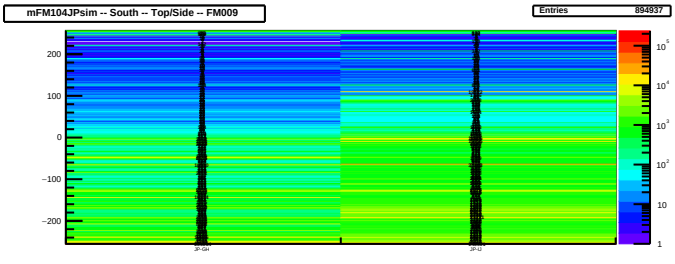
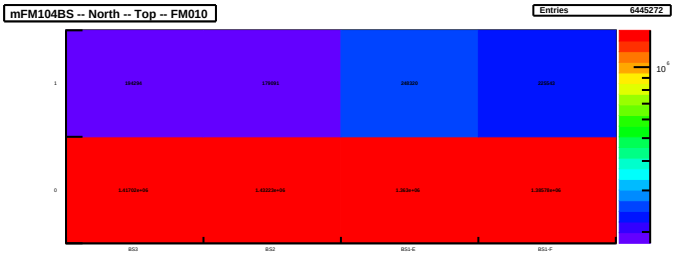
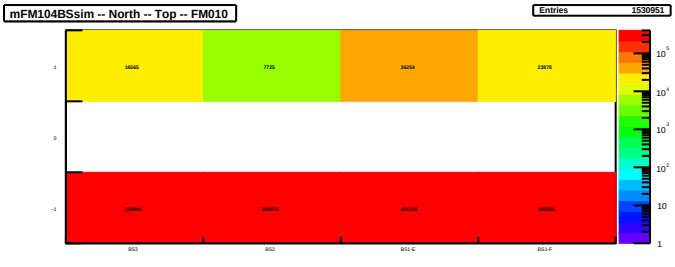
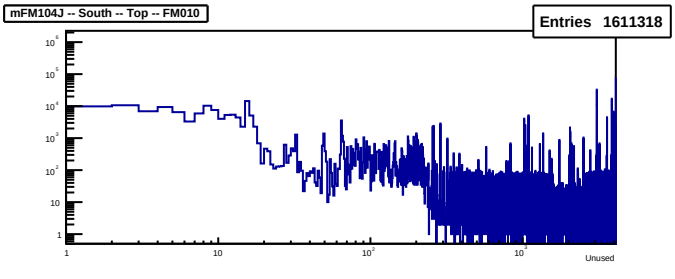
Entries 519352
J(23)

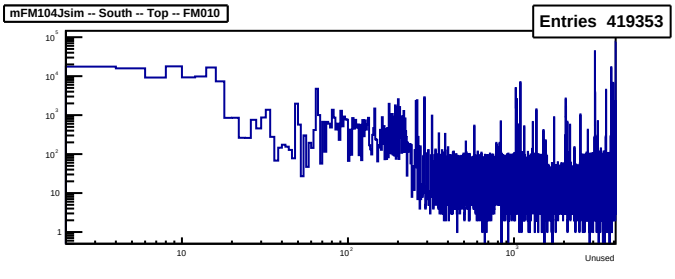

mFM104JP -- South -- Top/Side -- FM009
Entries 3222636

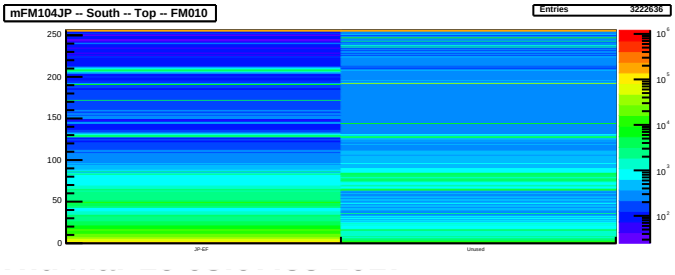

mFM104JPsim -- South -- Top/Side -- FM009
Entries 894937

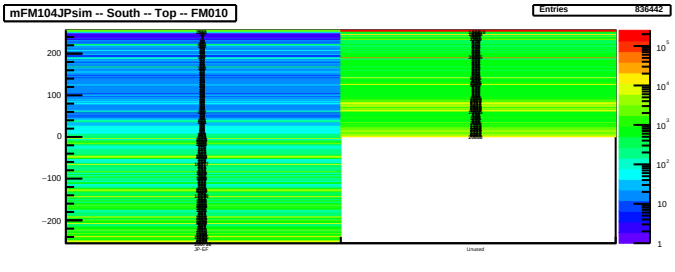

mFM104BS -- North -- Top -- FM010
Entries 6445272

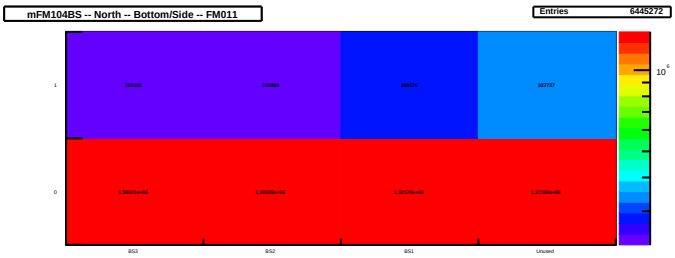

mFM104BSsim -- North -- Top -- FM010
Entries 1530951

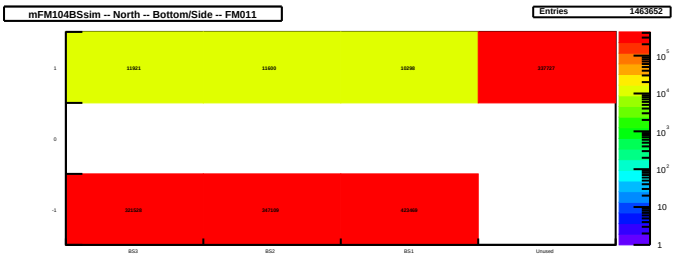

mFM104J -- South -- Top -- FM010
Entries 1611318
Unused

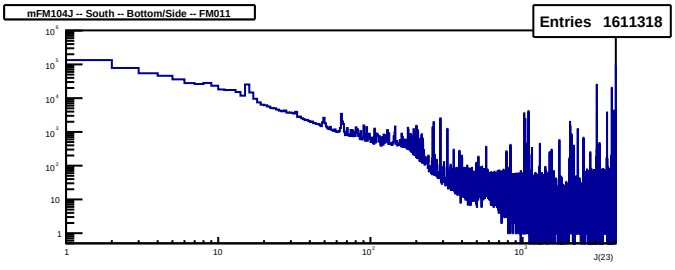

mFM104Jsim -- South -- Top -- FM010
Entries 419353
Unused

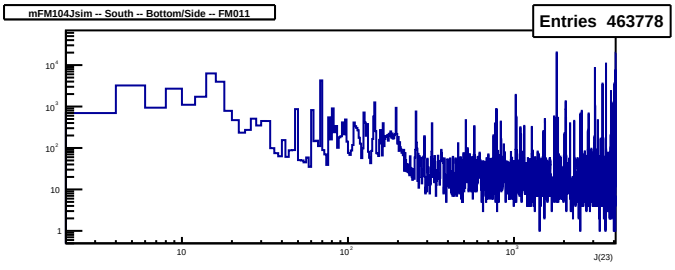

mFM104JP -- South -- Top -- FM010
Entries 3222636


mFM104JPsim -- South -- Top -- FM010
Entries 836442


mFM104BS -- North -- Bottom/Side -- FM011
Entries 6445272


mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 1463652


mFM104J -- South -- Bottom/Side -- FM011
Entries 1611318
J(23)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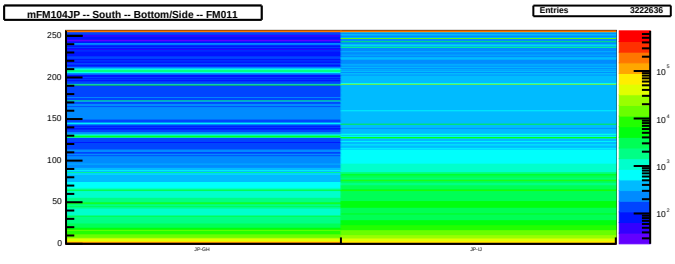
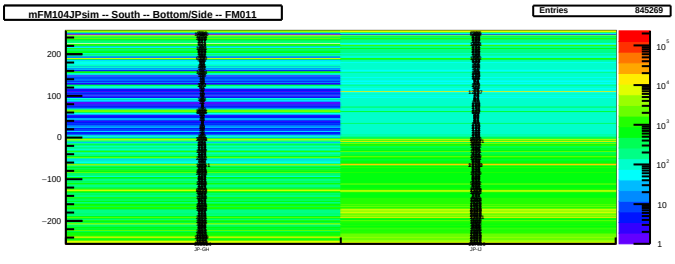
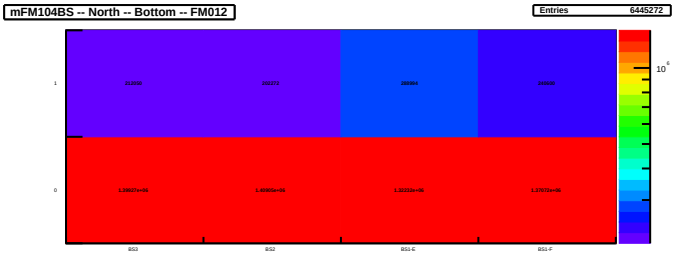
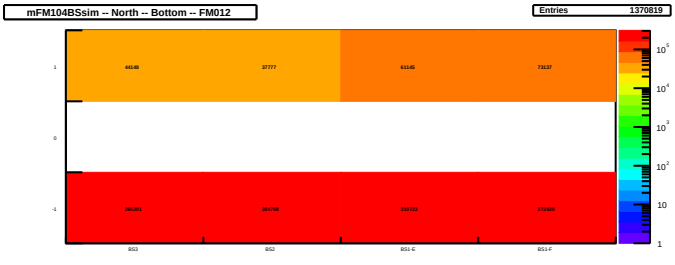
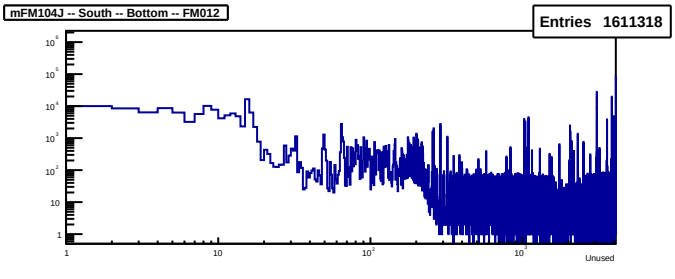
Entries 463778
J(23)

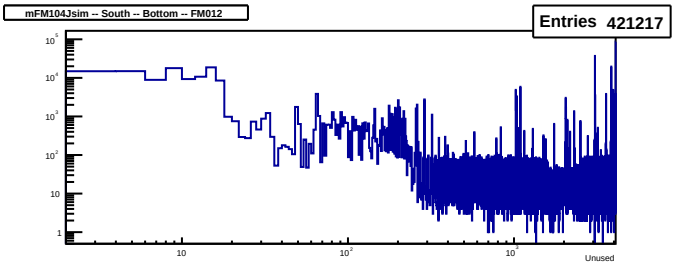

mFM104JP -- South -- Bottom/Side -- FM011
Entries 3222636

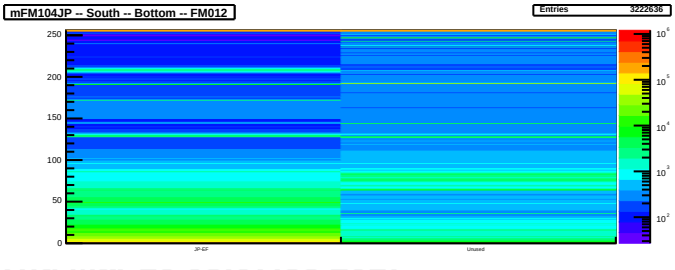

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 845269

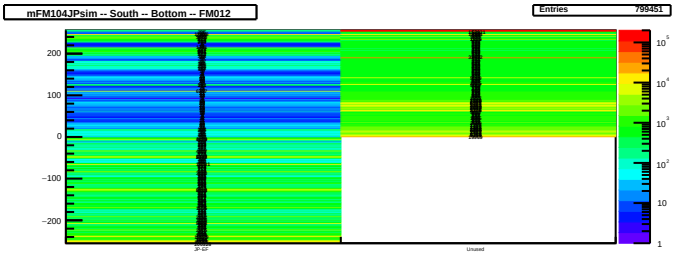

mFM104BS -- North -- Bottom -- FM012
Entries 6445272

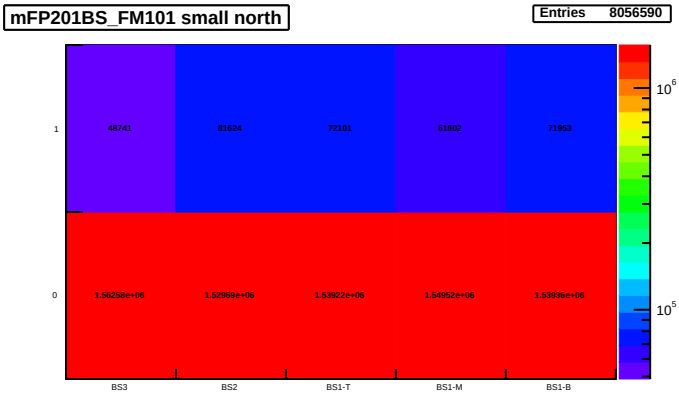

mFM104BSsim -- North -- Bottom -- FM012
Entries 1370819

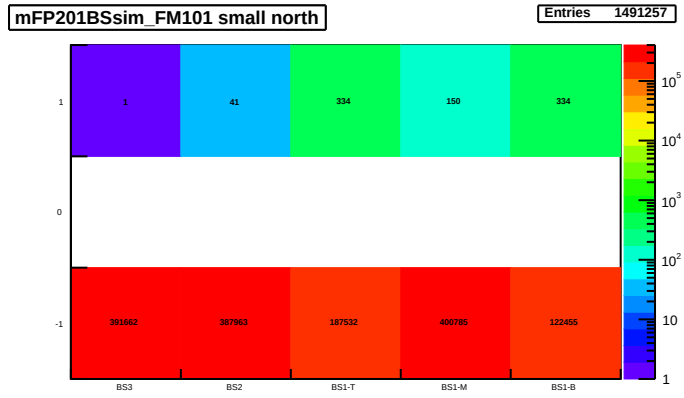

mFM104J -- South -- Bottom -- FM012
Entries 1611318
Unused

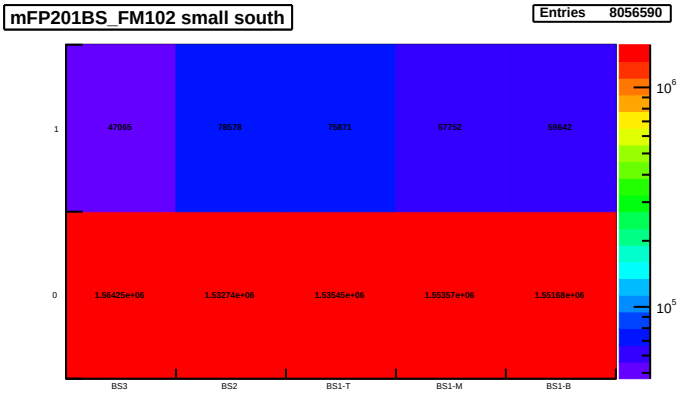

mFM104Jsim -- South -- Bottom -- FM012
Entries 421217
Unused

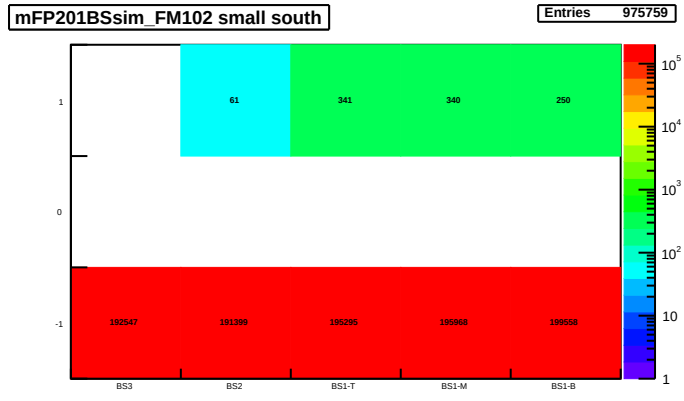

mFM104JP -- South -- Bottom -- FM012
Entries 3222636

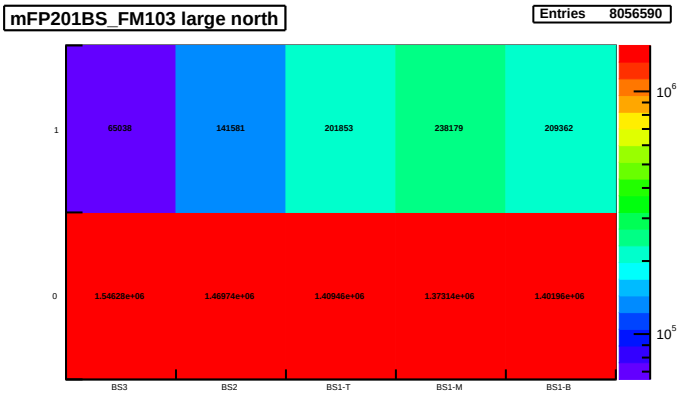

mFM104JPsim -- South -- Bottom -- FM012
Entries 799451

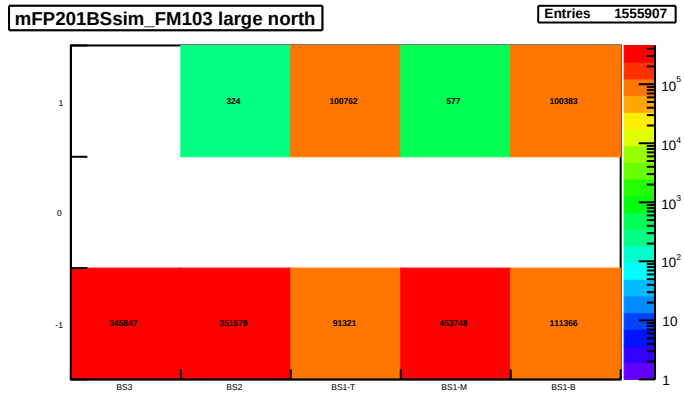

mFP201BS_FM101 small north
Entries 8056590
48741
81624
72101
61802
71953
1.56258e+06
1.52969e+06
1.53922e+06
1.54952e+06
1.53936e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

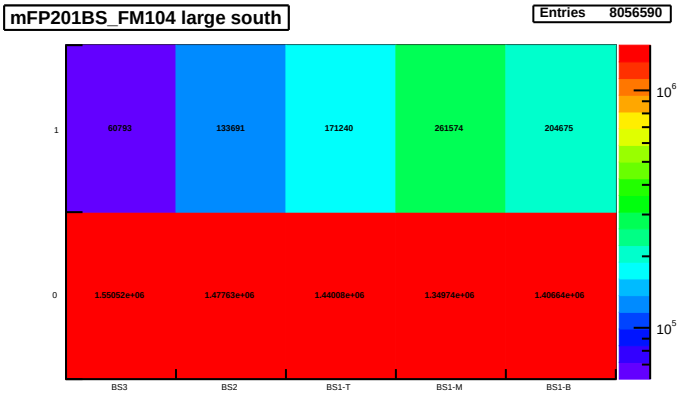

mFP201BSsim_FM101 small north
Entries 1491257
1
41
334
150
334
391662
387963
187532
400785
122455
BS3
BS2
BS1-T
BS1-M
BS1-B

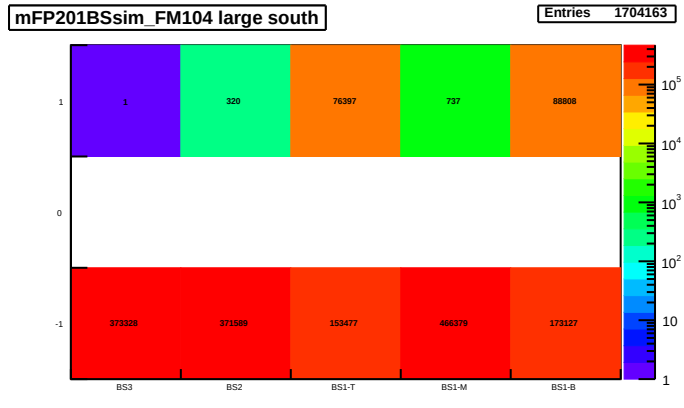

mFP201BS_FM102 small south
Entries 8056590
47065
78578
75871
57752
59642
1.56425e+06
1.53274e+06
1.53545e+06
1.55357e+06
1.55168e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

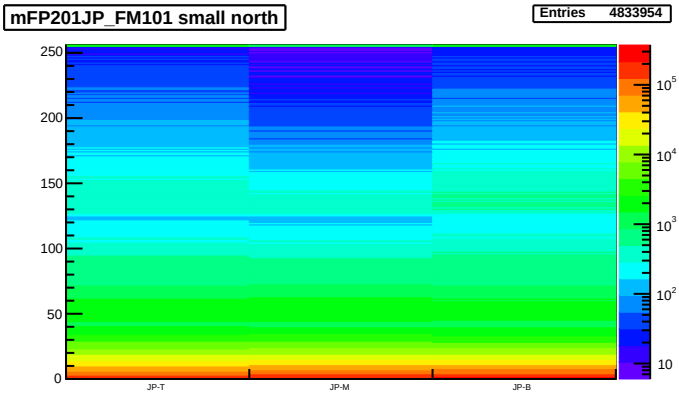

mFP201BSsim_FM102 small south
Entries 975759
61
341
340
250
192547
191399
195295
195968
199558
BS3
BS2
BS1-T
BS1-M
BS1-B

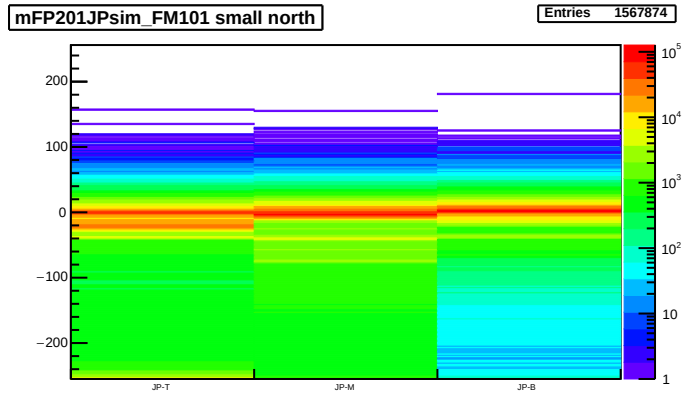

mFP201BS_FM103 large north
Entries 8056590
65038
141581
201853
238179
209362
1.54628e+06
1.46974e+06
1.40946e+06
1.37314e+06
1.40196e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

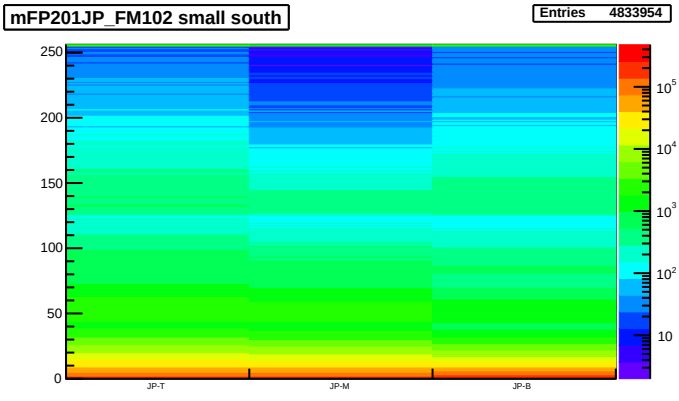

mFP201BSsim_FM103 large north
Entries 1555907
324
100762
577
100383
345847
351579
91321
453748
111366
BS3
BS2
BS1-T
BS1-M
BS1-B

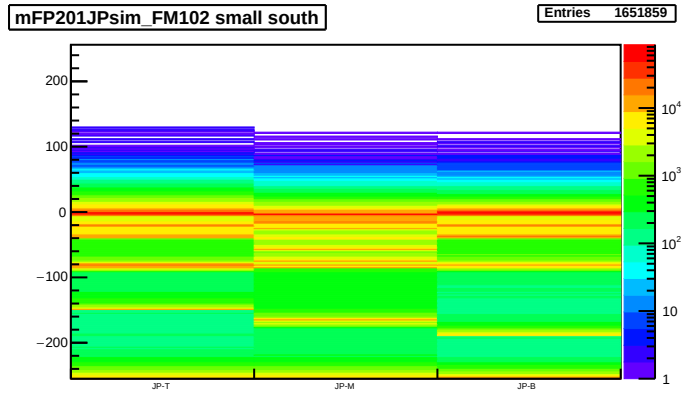

mFP201BS_FM104 large south
Entries 8056590
60793
133691
171240
261574
204675
1.55052e+06
1.47763e+06
1.44008e+06
1.34974e+06
1.40664e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

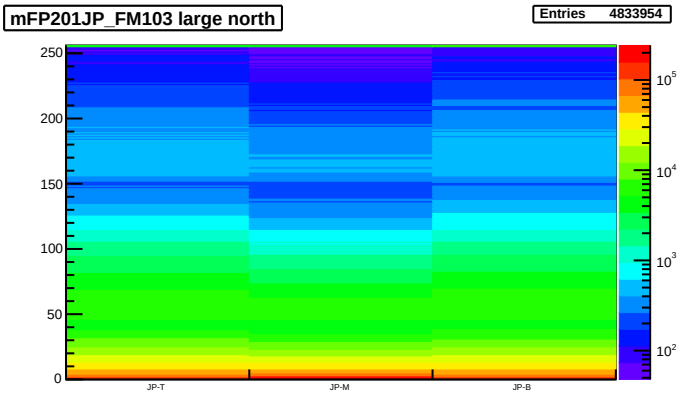

mFP201BSsim_FM104 large south
Entries 1704163
1
320
76397
737
88808
373328
371589
153477
466379
173127
BS3
BS2
BS1-T
BS1-M
BS1-B

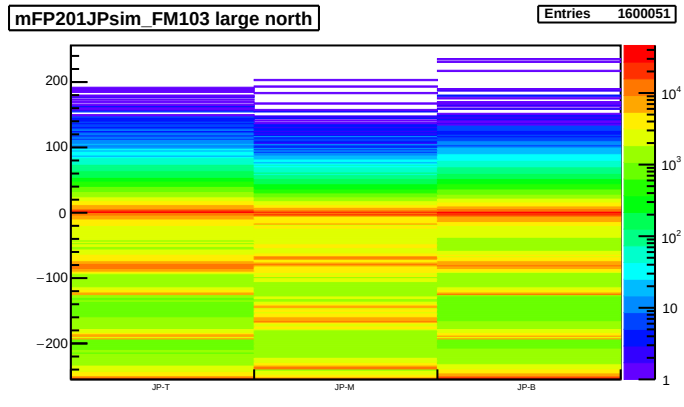

mFP201JP_FM101 small north
Entries 4833954
JP-T
JP-M
JP-B

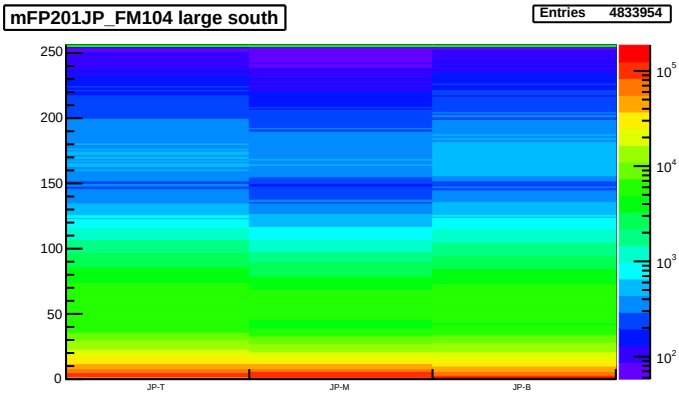

mFP201JPsim_FM101 small north
Entries 1567874
JP-T
JP-M
JP-B

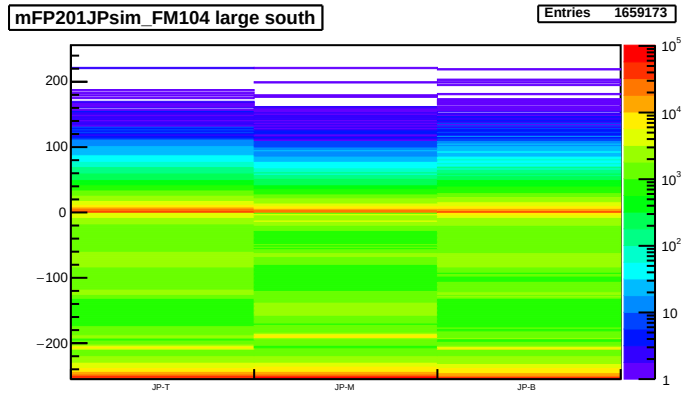

mFP201JP_FM102 small south
Entries 4833954
JP-T
JP-M
JP-B

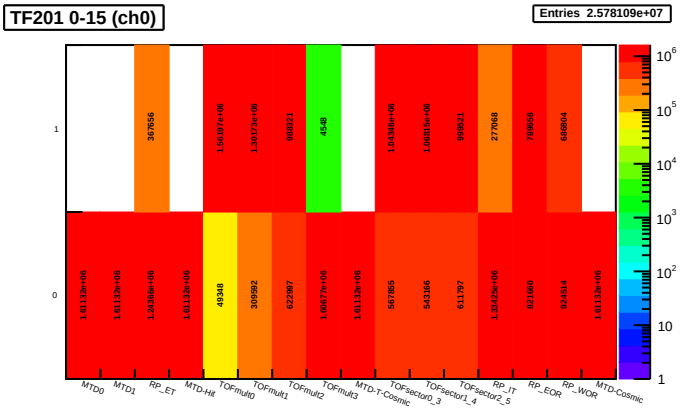

mFP201JPsim_FM102 small south
Entries 1651859
JP-T
JP-M
JP-B

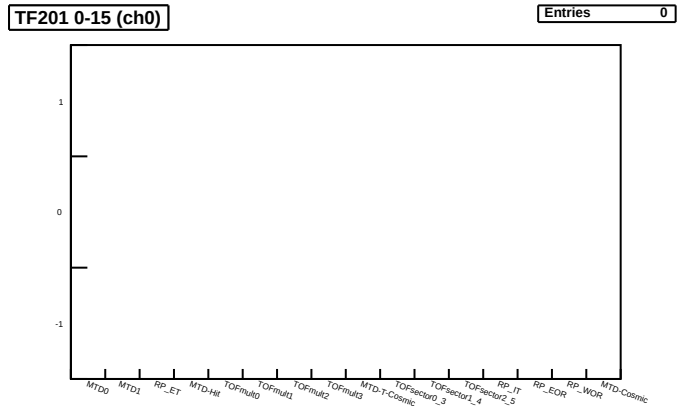

mFP201JP_FM103 large north
Entries 4833954
JP-T
JP-M
JP-B

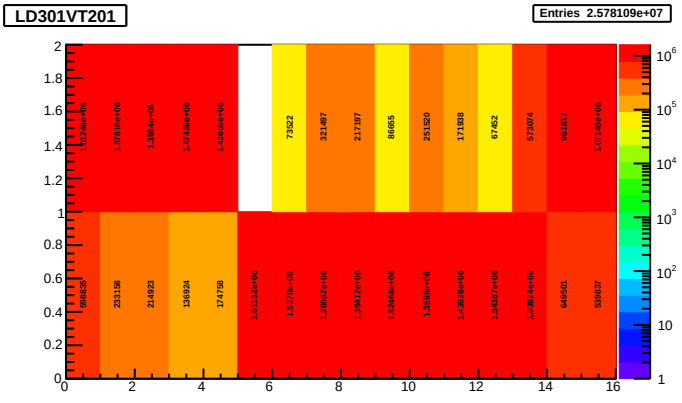

mFP201JPsim_FM103 large north
Entries 1600051
JP-T
JP-M
JP-B

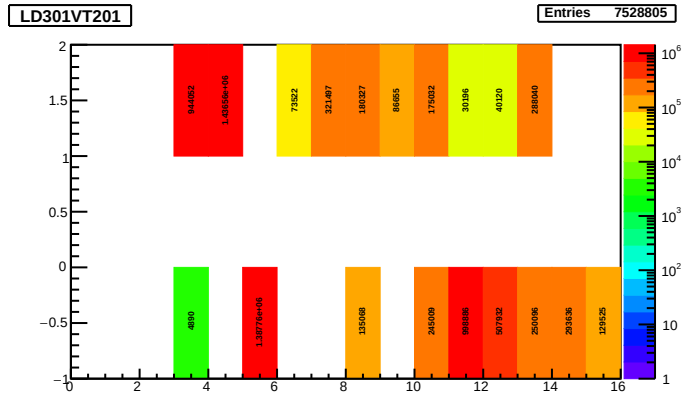

mFP201JP_FM104 large south
Entries 4833954
JP-T
JP-M
JP-B

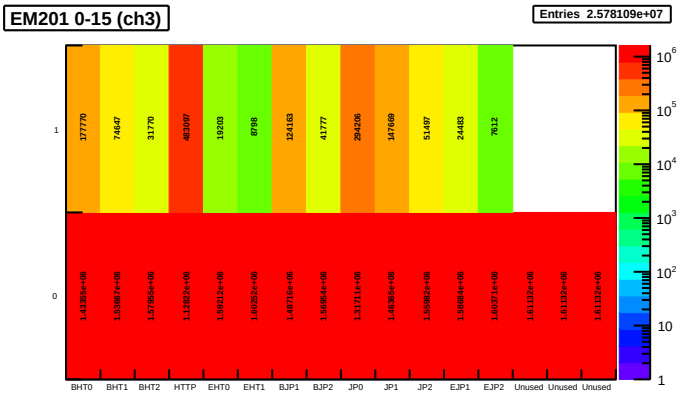

mFP201JPsim_FM104 large south
Entries 1659173
JP-T
JP-M
JP-B

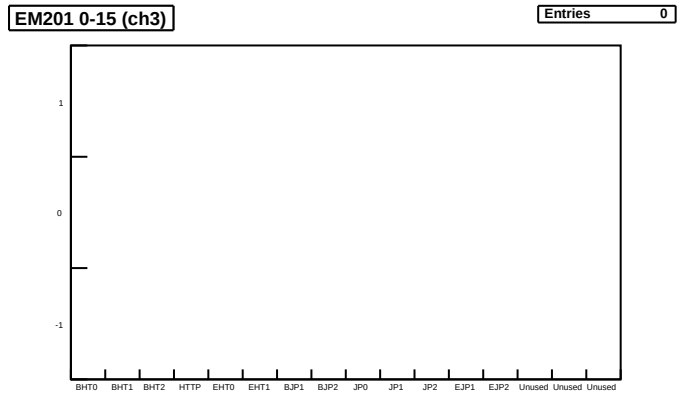

TF201 0-15 (ch0)
Entries 2.578109e+07
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic

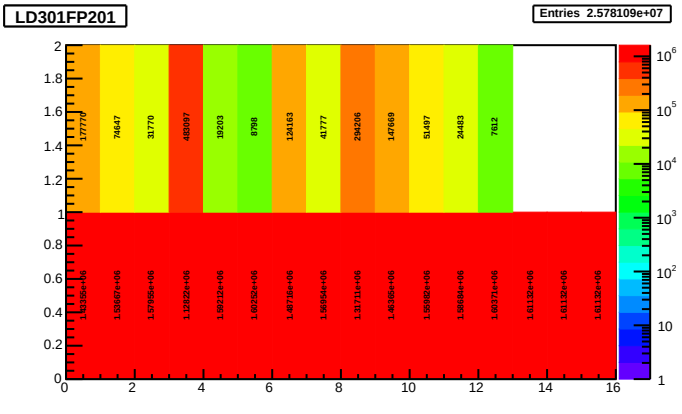

TF201 0-15 (ch0)
Entries 0
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic

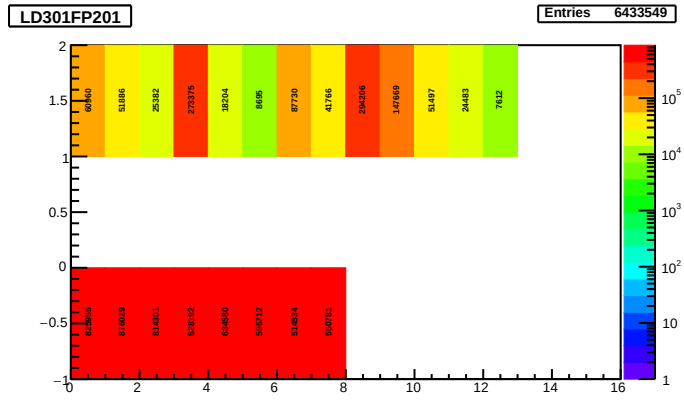

LD301VT201
Entries 2.578109e+07


LD301VT201
Entries 7528805


EM201 0-15 (ch3)
Entries 2.578109e+07
BHT0 BHT1 BHT2 HTTP EHT0 EHT1 BJP1 BJP2 JP0 JP1 JP2 EJP1 EJP2 Unused Unused Unused


EM201 0-15 (ch3)
Entries 0
BHT0 BHT1 BHT2 HTTP EHT0 EHT1 BJP1 BJP2 JP0 JP1 JP2 EJP1 EJP2 Unused Unused Unused


LD301FP201
Entries 2.578109e+07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