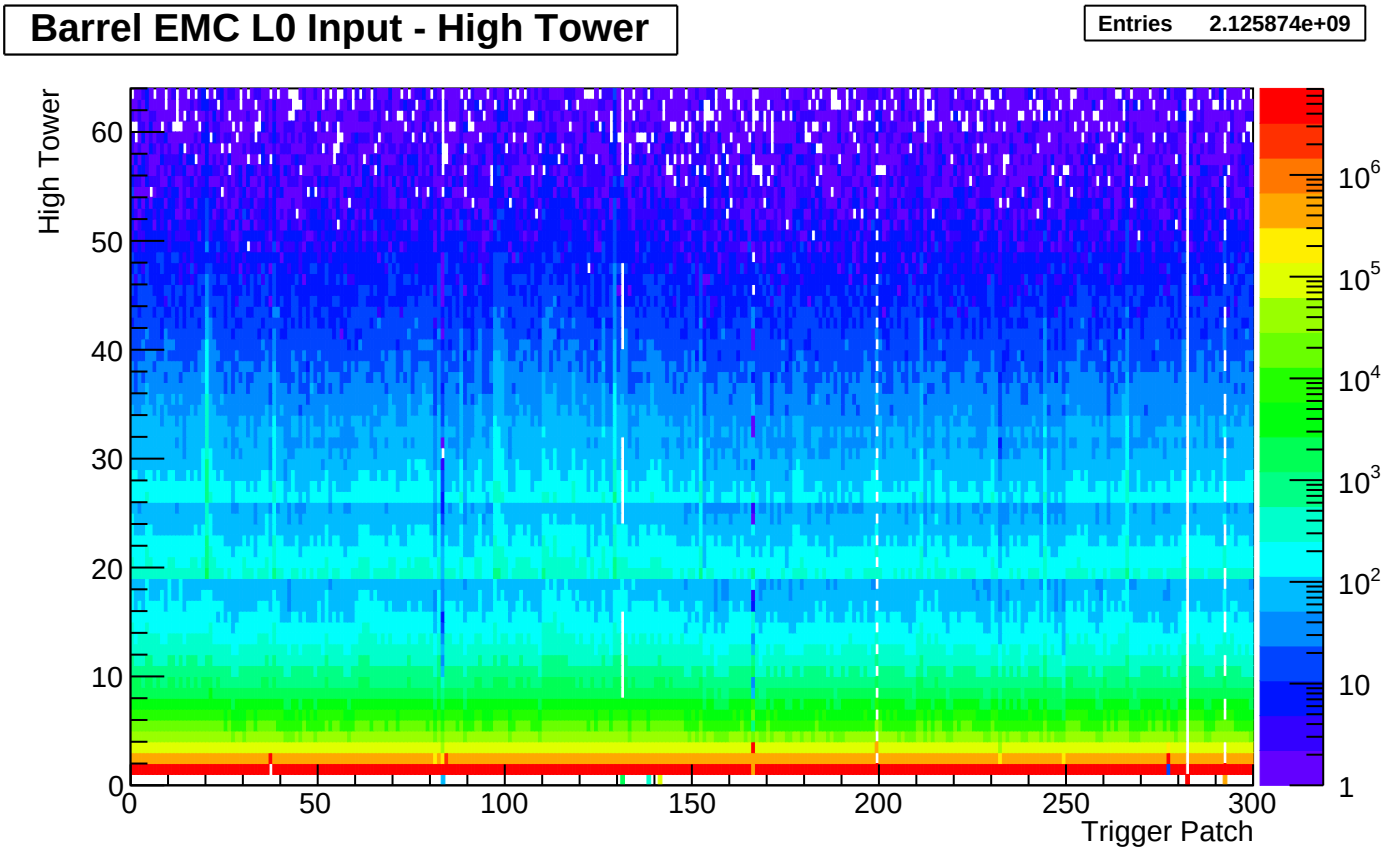
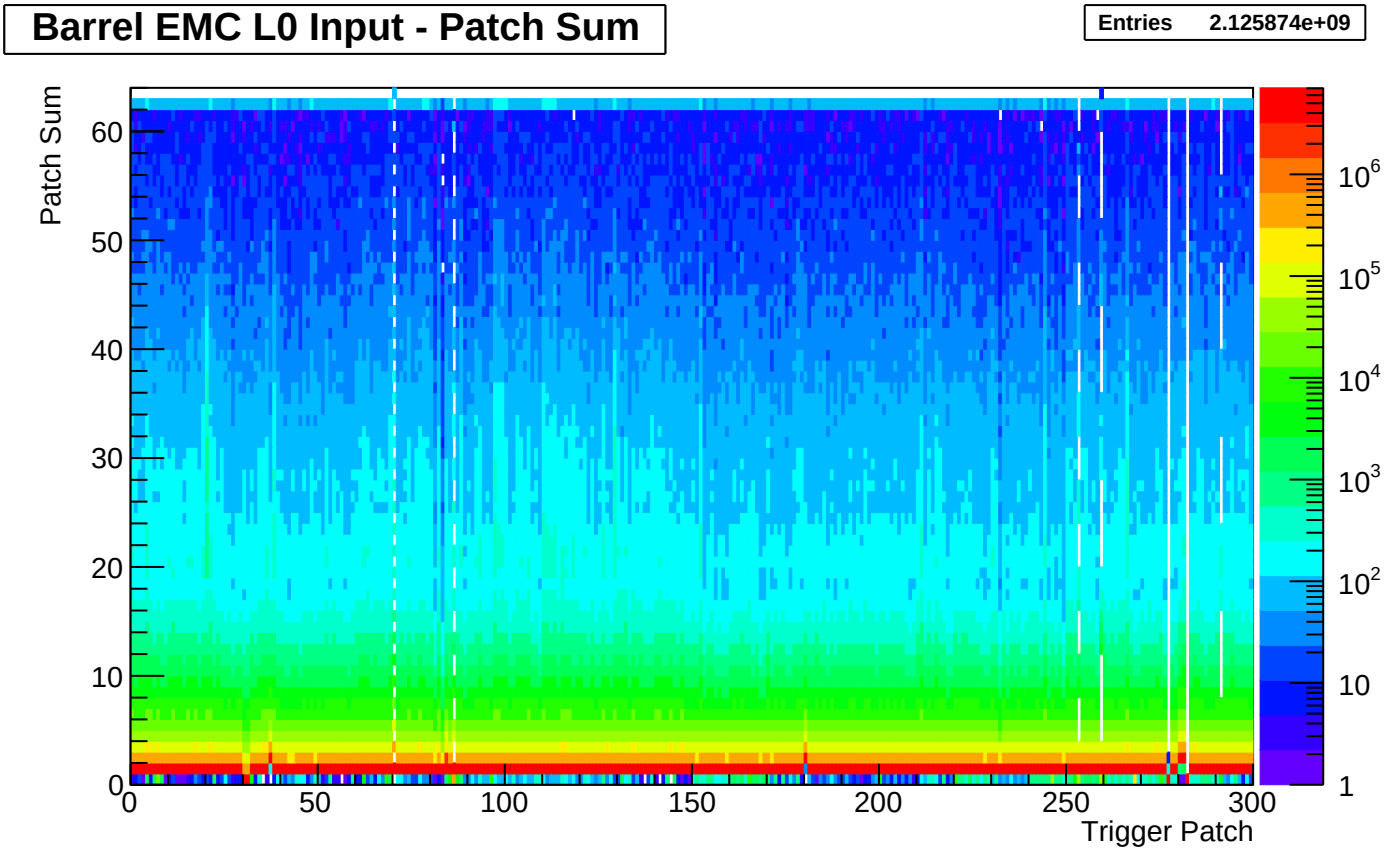
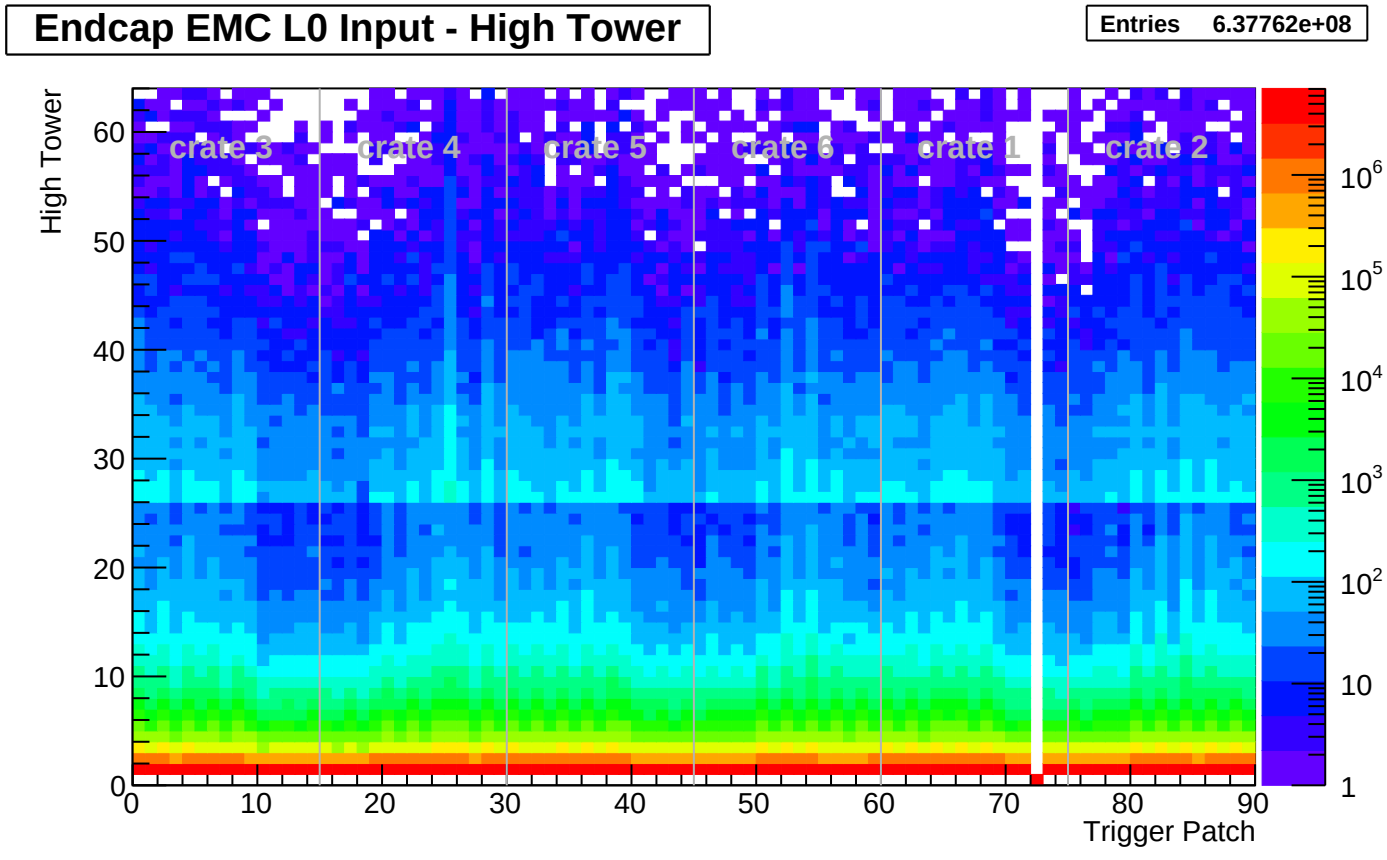
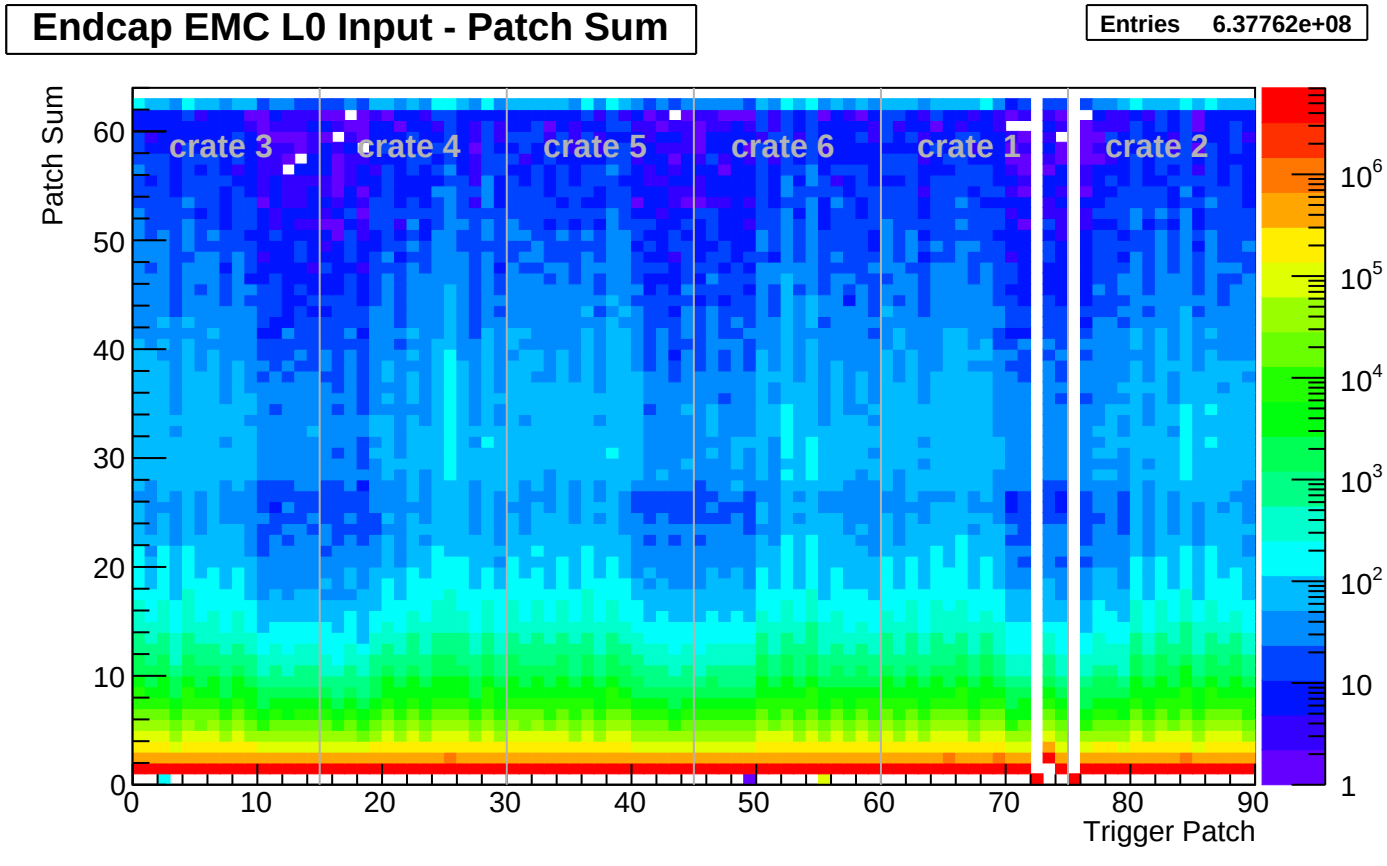
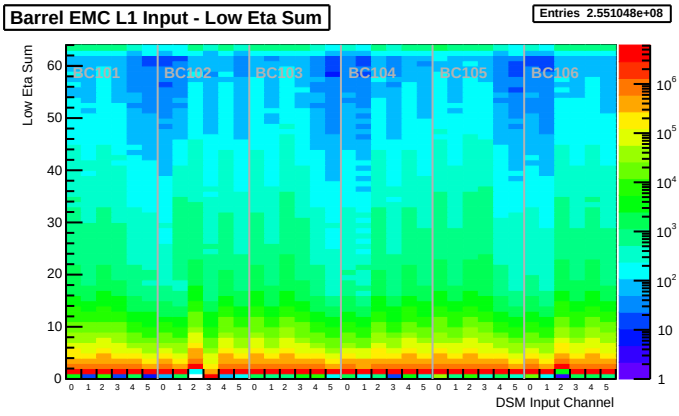
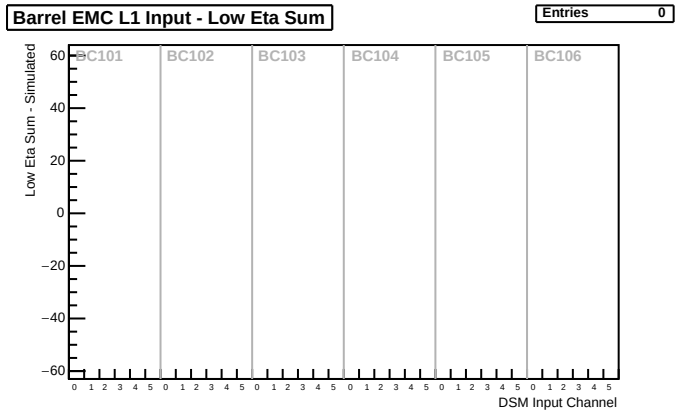

Barrel EMC L0 Input - High Tower
Entries 2.125874e+09
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

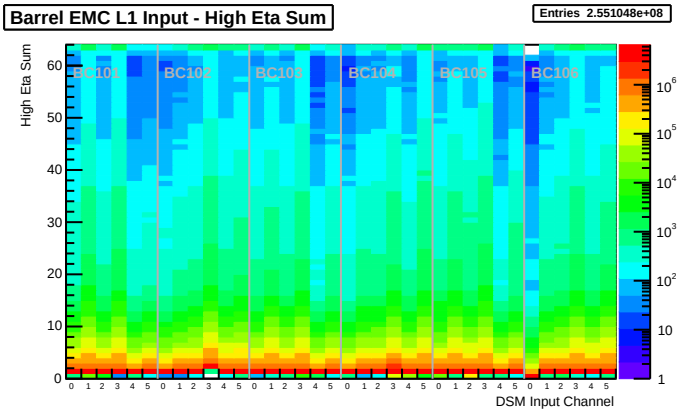

Barrel EMC L0 Input - Patch Sum
Entries 2.125874e+09
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

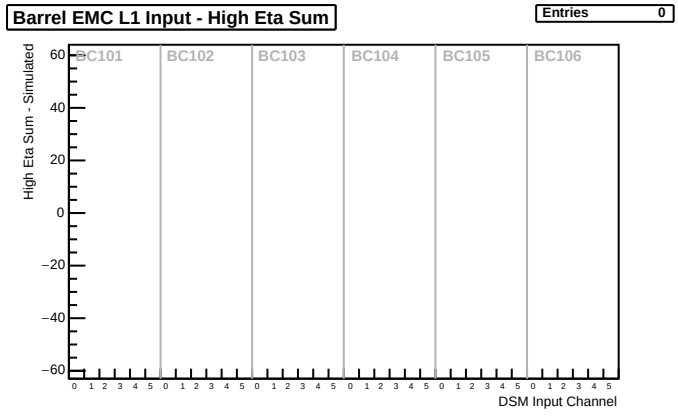

Endcap EMC L0 Input - High Tower
Entries 6.37762e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

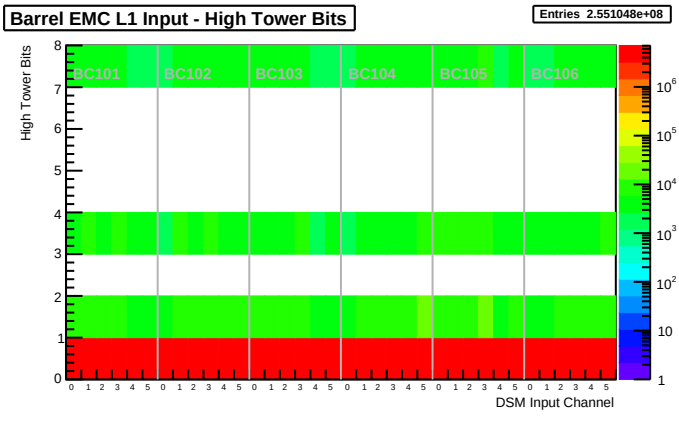

Endcap EMC L0 Input - Patch Sum
Entries 6.37762e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

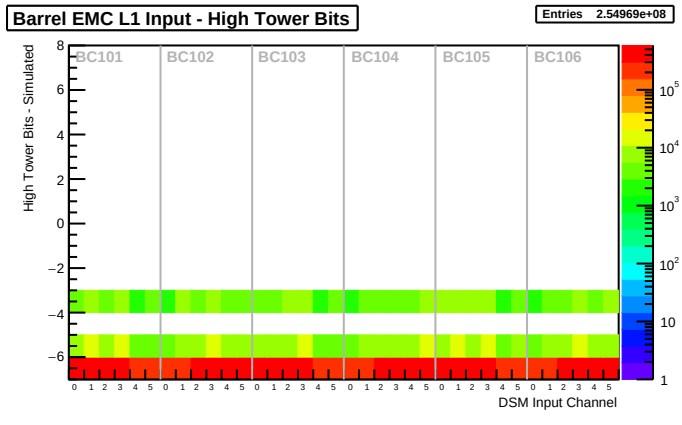

Barrel EMC L1 Input - Low Eta Sum
Entries 2.551048e+08
Low Eta Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

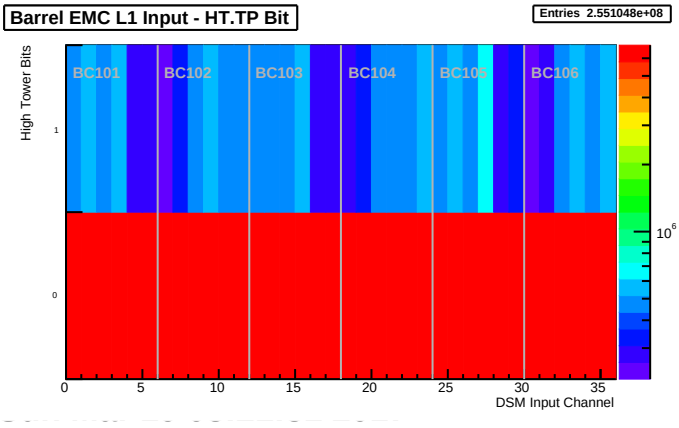

Barrel EMC L1 Input - Low Eta Sum
Entries 0
Low Eta Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

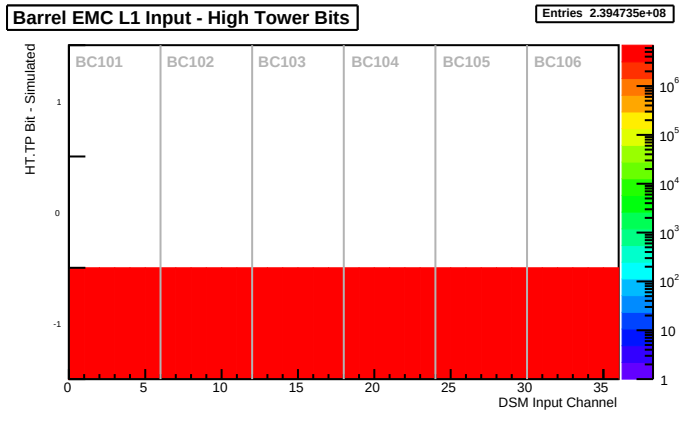

Barrel EMC L1 Input - High Eta Sum
Entries 2.551048e+08
High Eta Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

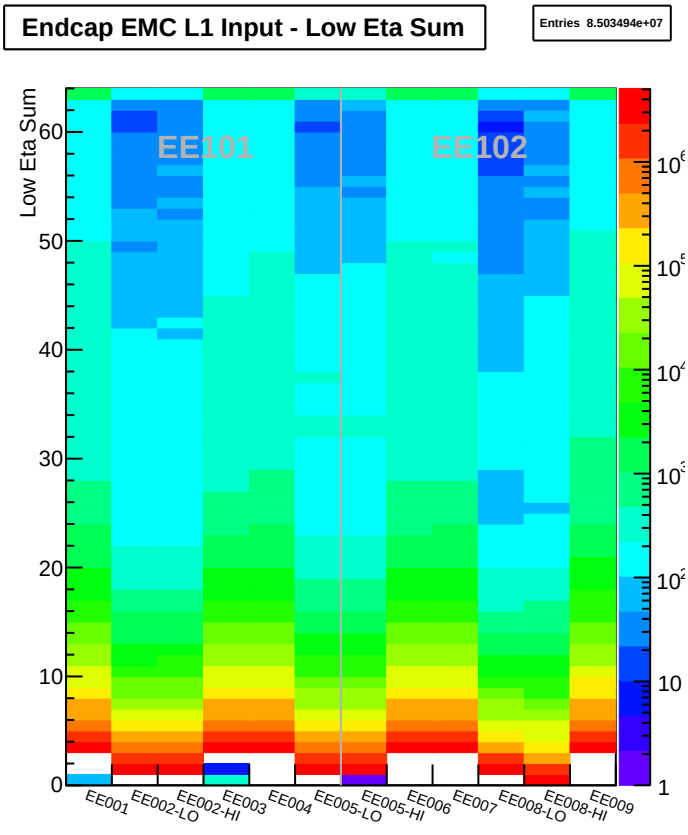

Barrel EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

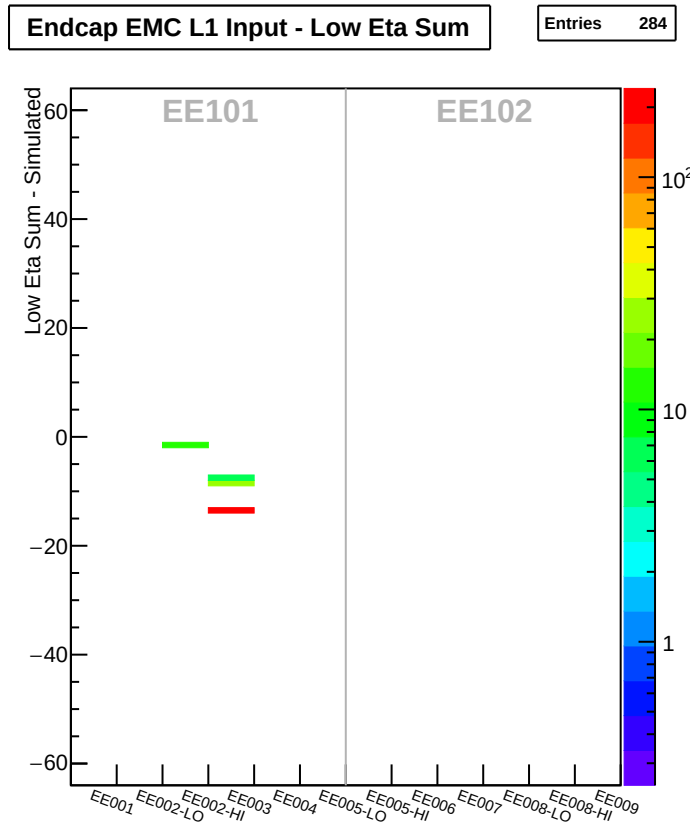

Barrel EMC L1 Input - High Tower Bits
Entries 2.551048e+08
High Tower Bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

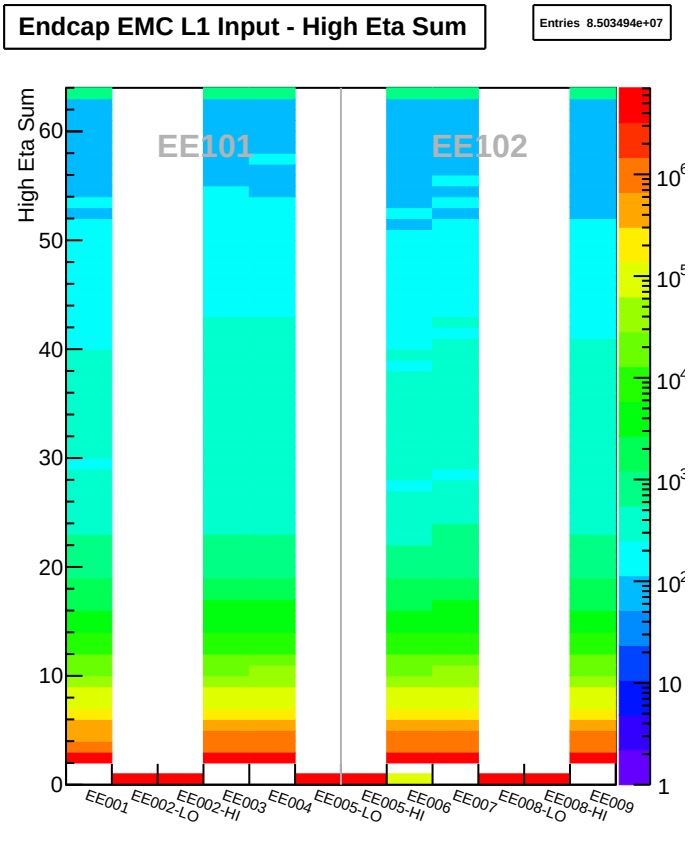

Barrel EMC L1 Input - High Tower Bits
Entries 2.54969e+08
High Tower Bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

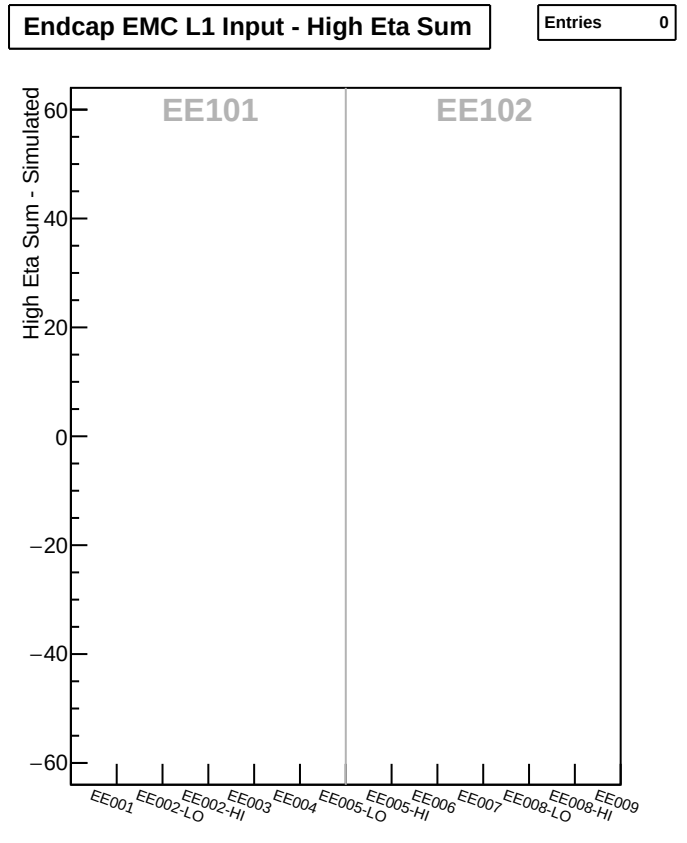

Barrel EMC L1 Input - HT.TP Bit
Entries 2.551048e+08
High Tower Bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106


Barrel EMC L1 Input - High Tower Bits
Entries 2.394735e+08
HT.TP Bit - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106


Endcap EMC L1 Input - Low Eta Sum
Entries 8.503494e+07
Low Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

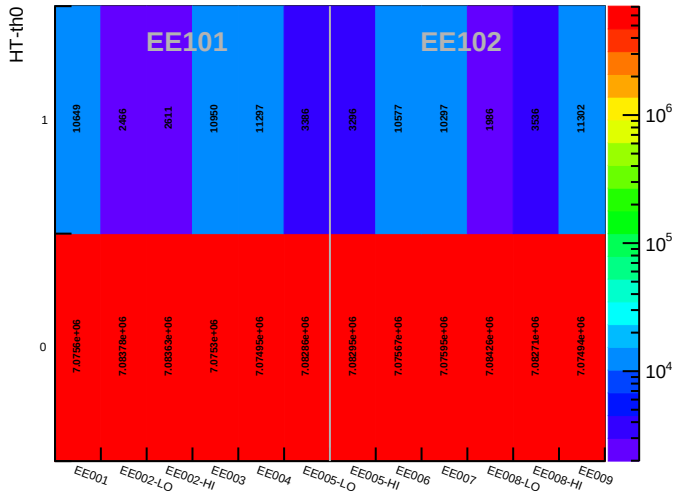

Endcap EMC L1 Input - Low Eta Sum
Entries 284
Low Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009


Endcap EMC L1 Input - High Eta Sum
Entries 8.503494e+07
High Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009


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

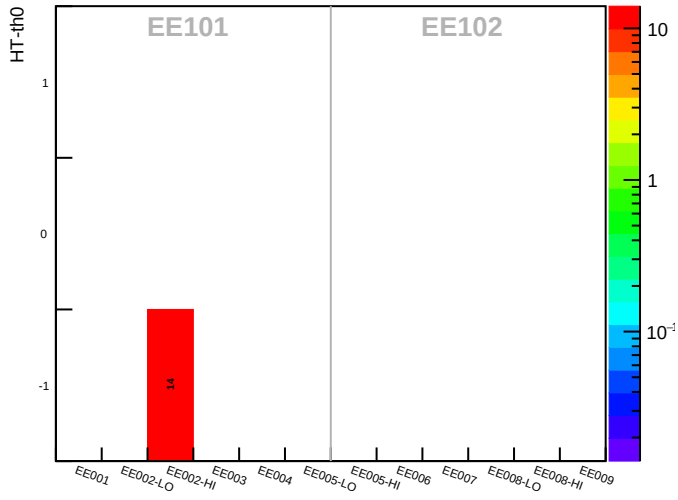
Endcap EMC L1 Input - HT-th0

Entries 8.503494e+07



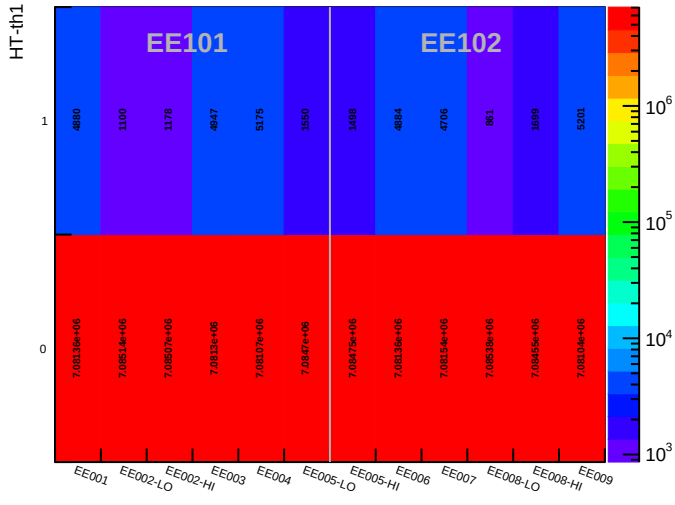
Endcap EMC L1 Input - HT-th0 Diff

Entries 14



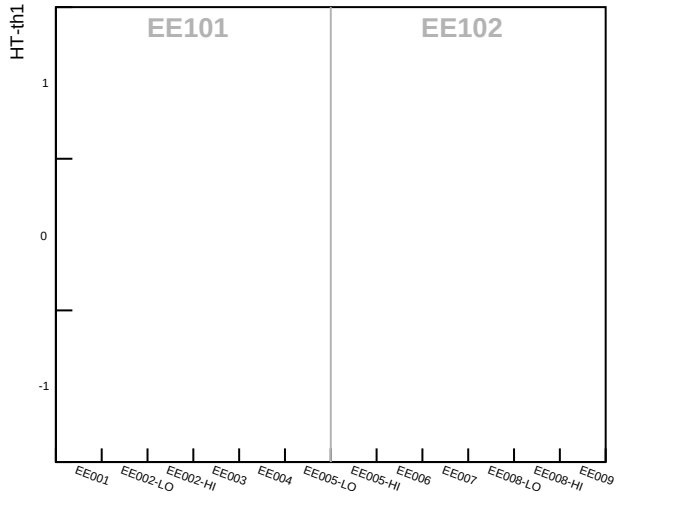
Endcap EMC L1 Input - HT-th1

Entries 8.503494e+07



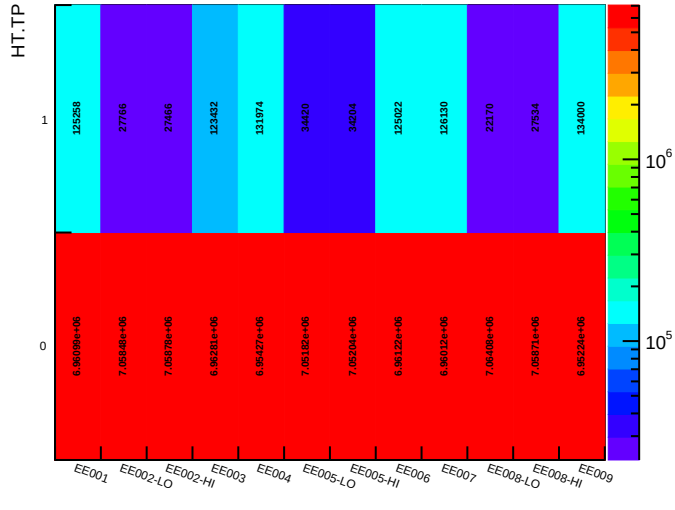
Endcap EMC L1 Input - HT-th1 Diff

Entries 0



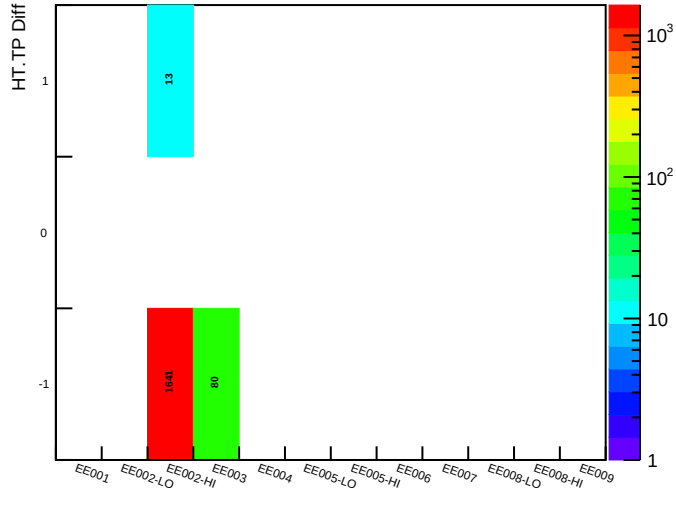
Endcap EMC L1 Input - HT.TP

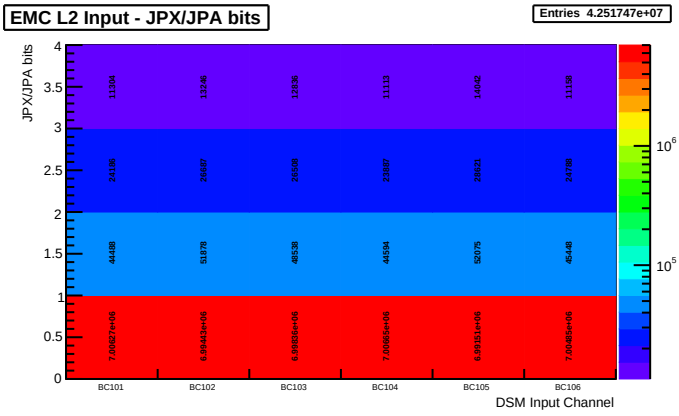
Entries 8.503494e+07

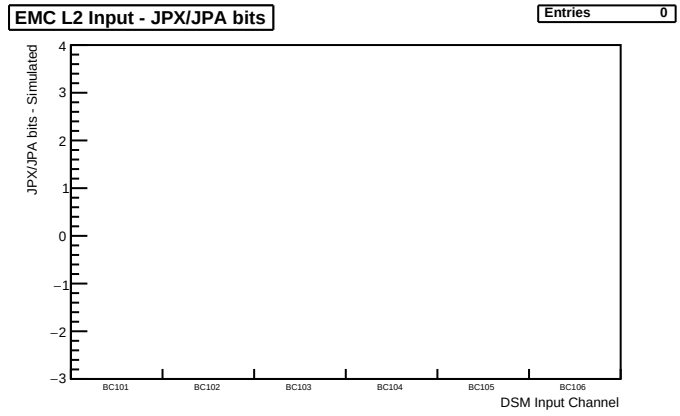


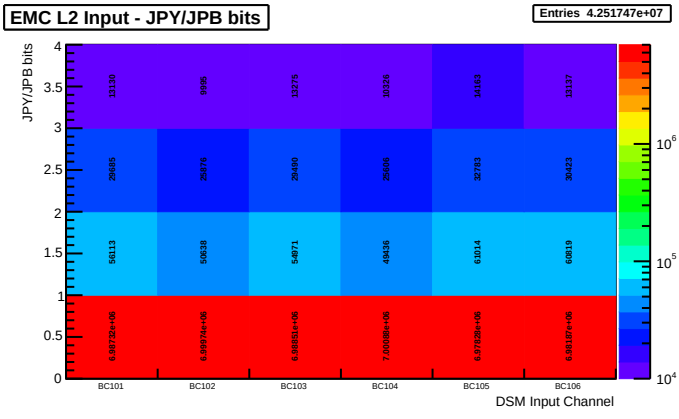
Endcap EMC L1 Input - HT.TP Diff

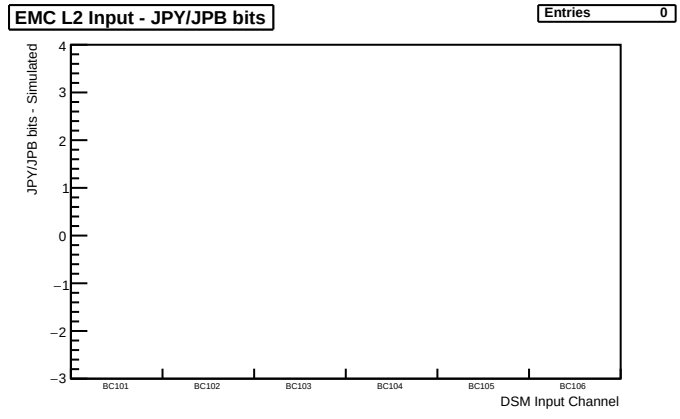
Entries 1734

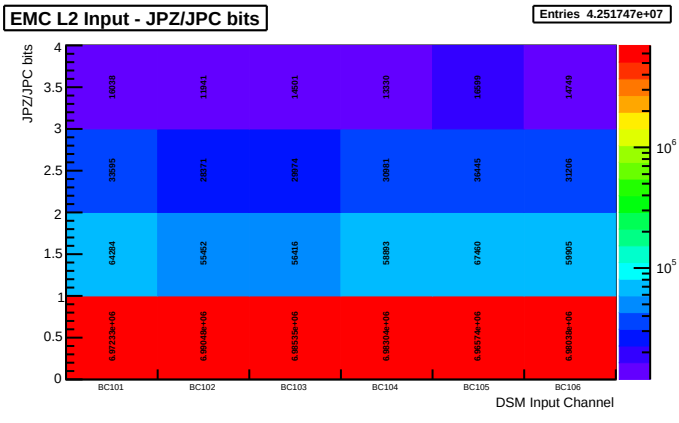


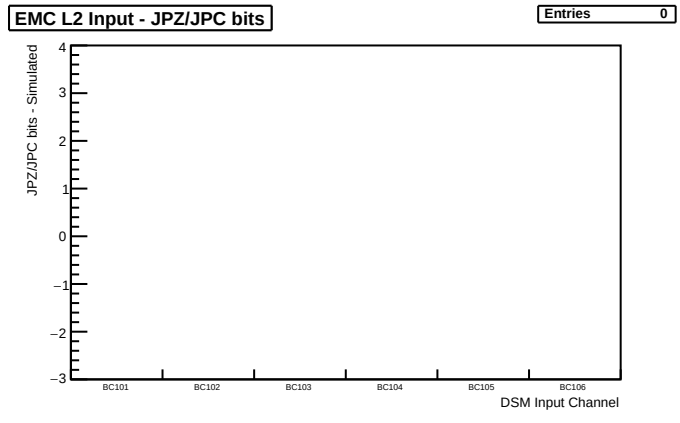

EMC L2 Input - JPX/JPA bits
Entries 4.251747e+07
JPX/JPA bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
11304
13246
12238
11113
14042
11159
24146
26687
26508
23897
28621
24788
44488
51878
49538
44594
52075
45448
7.00627e+06
6.99443e+06
6.99886e+06
7.00965e+06
6.99151e+06
7.00485e+06

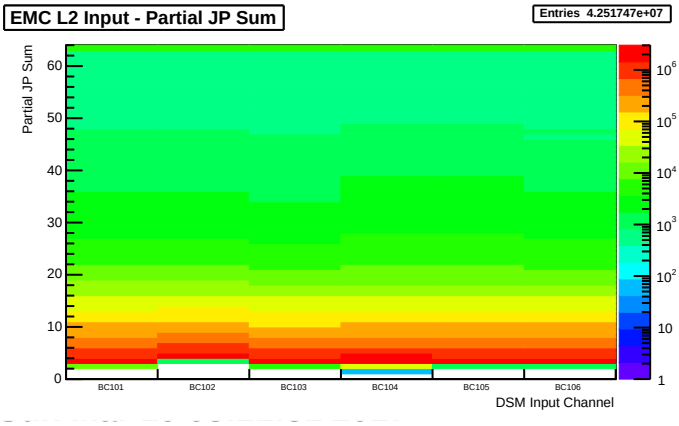

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

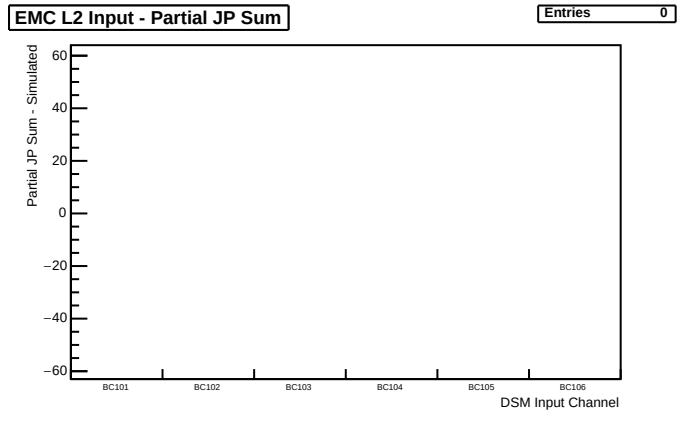

EMC L2 Input - JPY/JPB bits
Entries 4.251747e+07
JPY/JPB bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
13130
9995
13275
10326
16163
13137
29685
25976
29490
25606
32783
30423
56113
50638
54971
49436
61014
60819
6.98732e+06
6.99974e+06
6.98931e+06
7.00108e+06
6.97328e+06
6.98187e+06

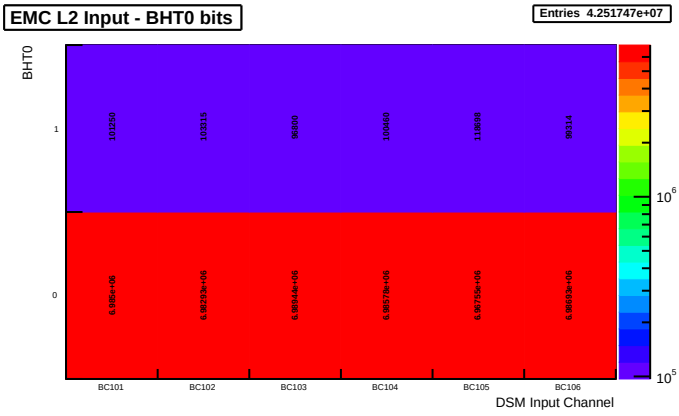

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

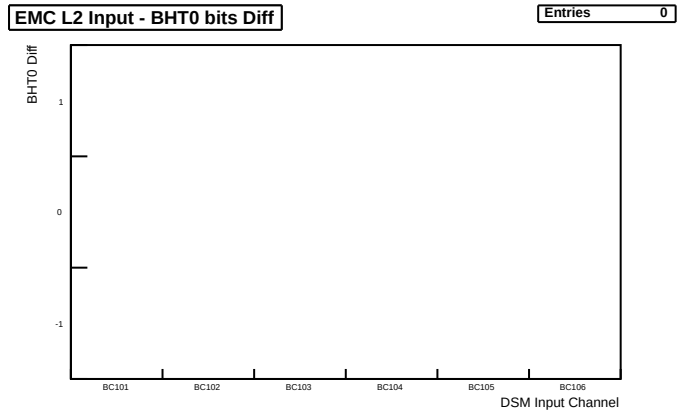

EMC L2 Input - JPZ/JPC bits
Entries 4.251747e+07
JPZ/JPC bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
10638
11941
14601
13330
16599
10749
33595
28371
28974
30981
36445
31206
64284
55452
56416
58883
67460
59905
6.97233e+06
6.99049e+06
6.98535e+06
6.98304e+06
6.96574e+06
6.98039e+06

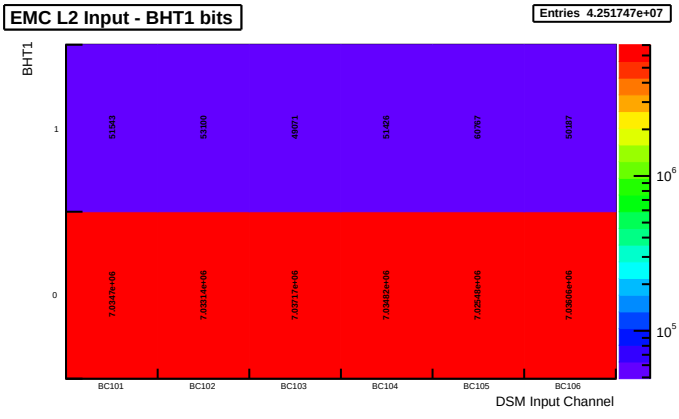

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

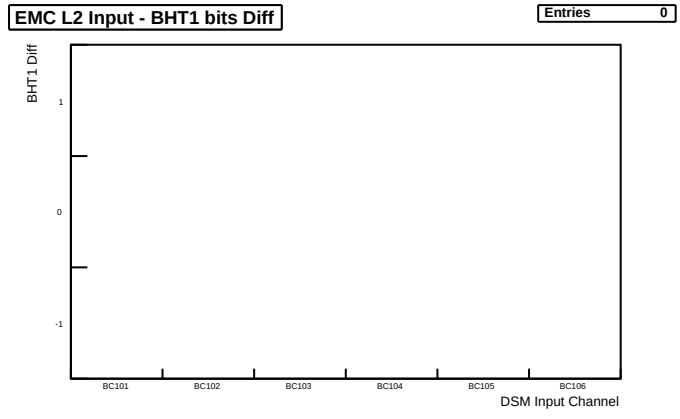

EMC L2 Input - Partial JP Sum
Entries 4.251747e+07
Partial JP Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

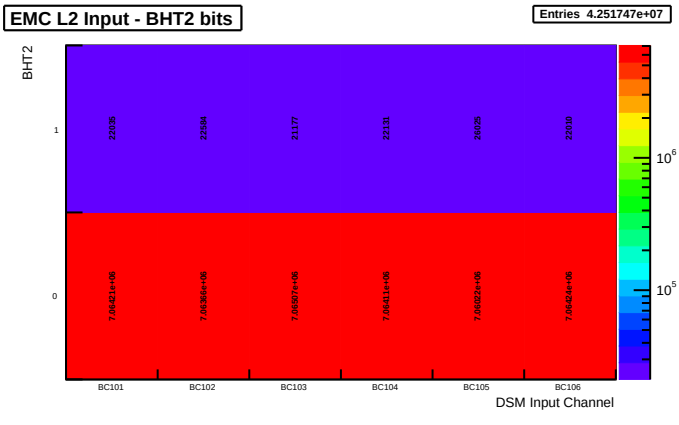

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

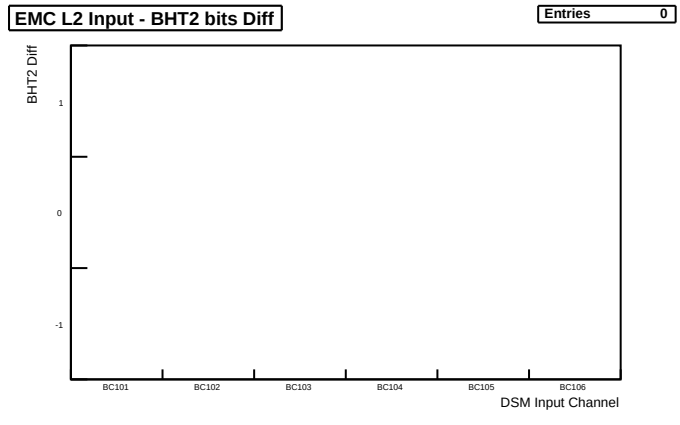

EMC L2 Input - BHT0 bits
Entries 4.251747e+07
BHT0
1
0
101250
103315
98800
100460
118698
99314
6.985e+06
6.99293e+06
6.99344e+06
6.99579e+06
6.99759e+06
6.99693e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5

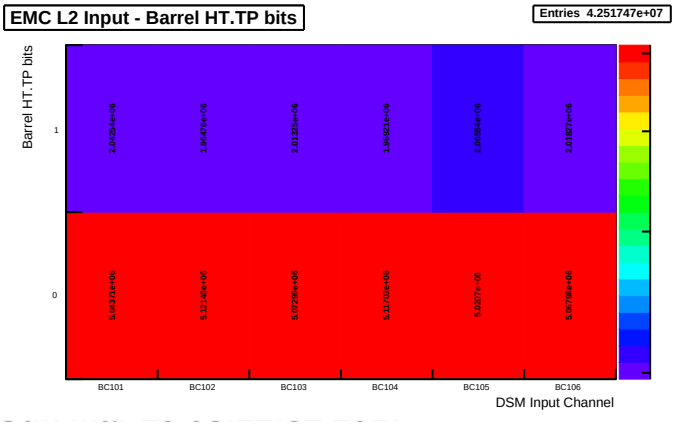

EMC L2 Input - BHT0 bits Diff
Entries 0
BHT0 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

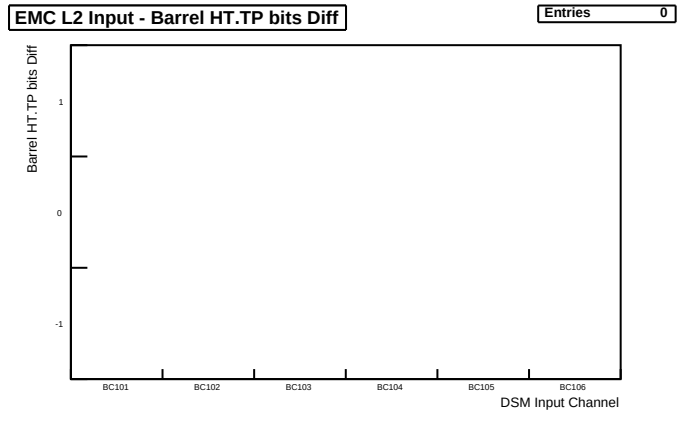

EMC L2 Input - BHT1 bits
Entries 4.251747e+07
BHT1
1
0
51543
53100
49071
51426
60767
50187
7.03476e+06
7.03314e+06
7.03717e+06
7.03402e+06
7.02549e+06
7.03606e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5

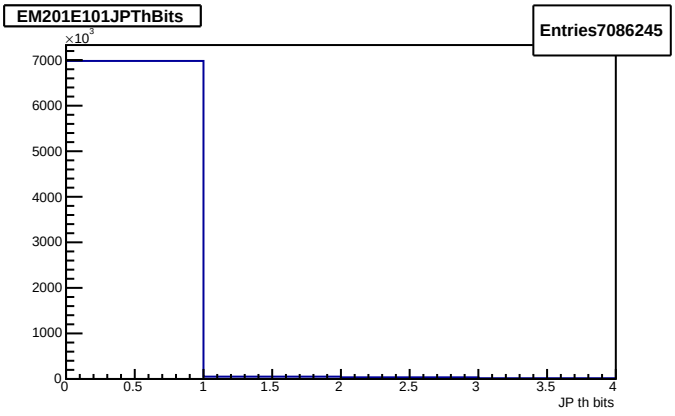

EMC L2 Input - BHT1 bits Diff
Entries 0
BHT1 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

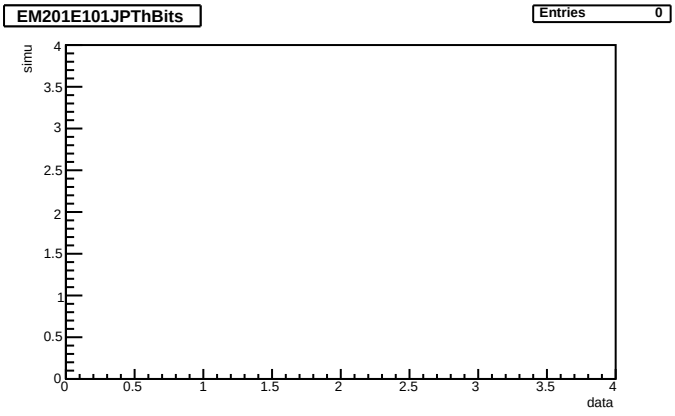

EMC L2 Input - BHT2 bits
Entries 4.251747e+07
BHT2
1
0
22035
22534
21177
22131
26925
22010
7.06421e+06
7.06355e+06
7.06507e+06
7.06411e+06
7.06022e+06
7.06424e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5

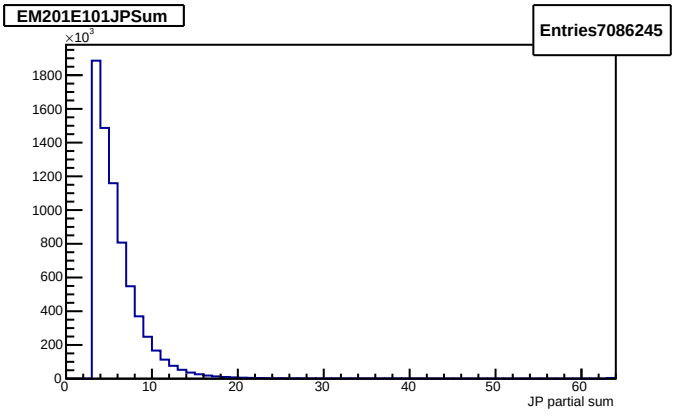

EMC L2 Input - BHT2 bits Diff
Entries 0
BHT2 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

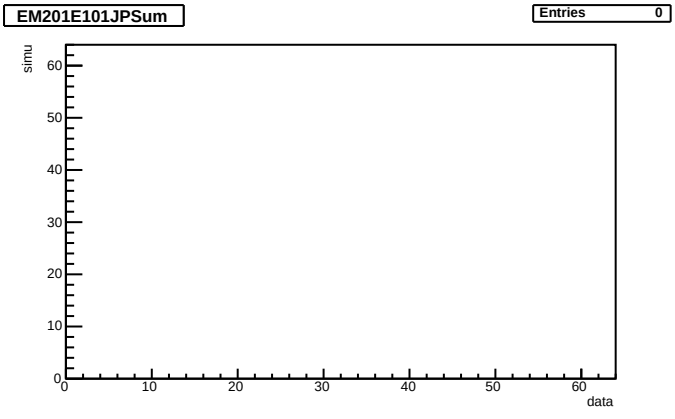

EMC L2 Input - Barrel HT.TP bits
Entries 4.251747e+07
Barrel HT.TP bits
1
0
2.04254e+06
1.96476e+06
2.01325e+06
1.96921e+06
2.06554e+06
2.01327e+06
5.04371e+06
5.12148e+06
5.07286e+06
5.11703e+06
5.0207e+06
5.06798e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

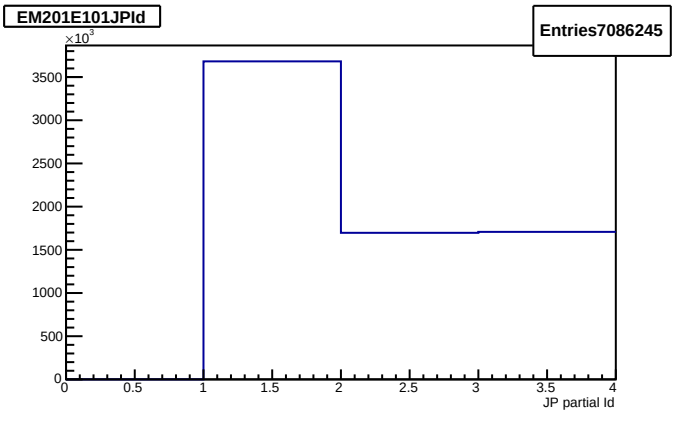

EMC L2 Input - Barrel HT.TP bits Diff
Entries 0
Barrel HT.TP bits Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

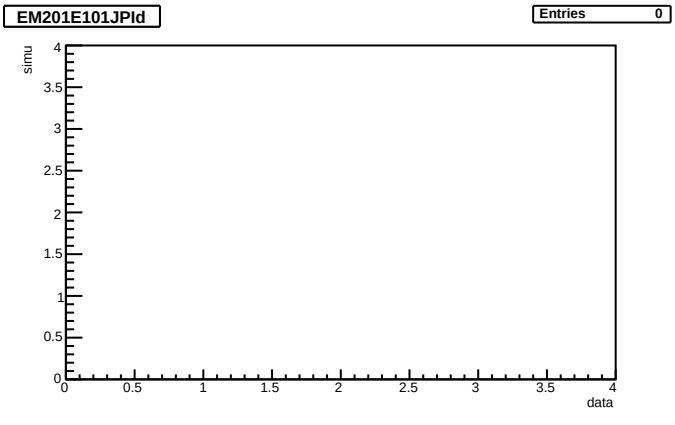

EM201E101JPThBits
Entries7086245
×10^3
JP th bits

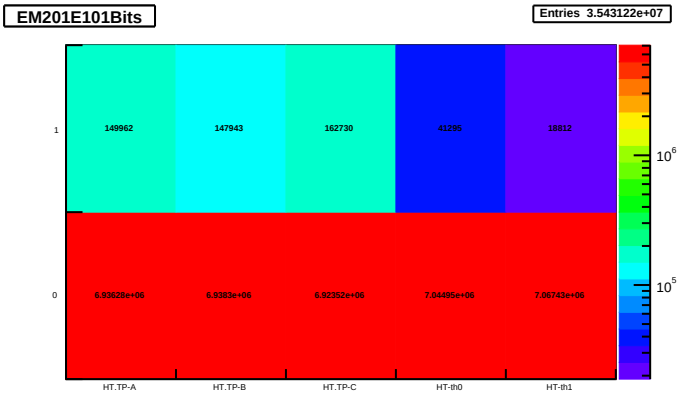

EM201E101JPThBits
Entries 0
simu
data

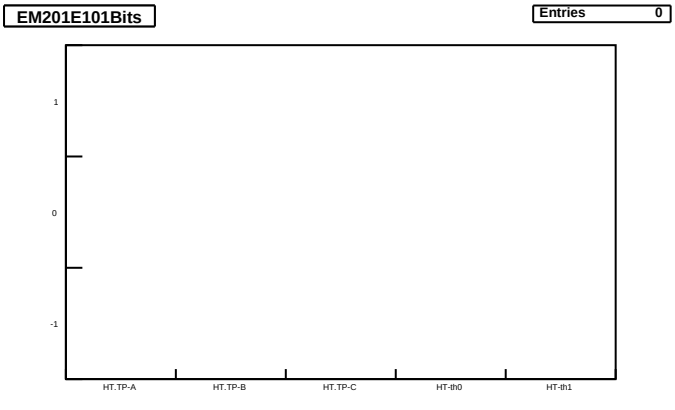

EM201E101JPSum
Entries7086245
×10^3
JP partial sum

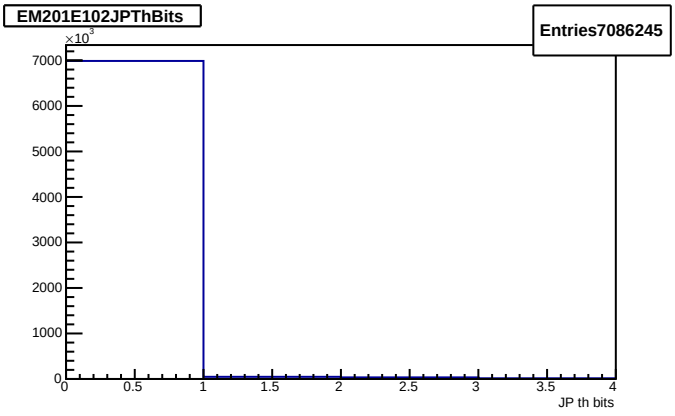

EM201E101JPSum
Entries 0
simu
data

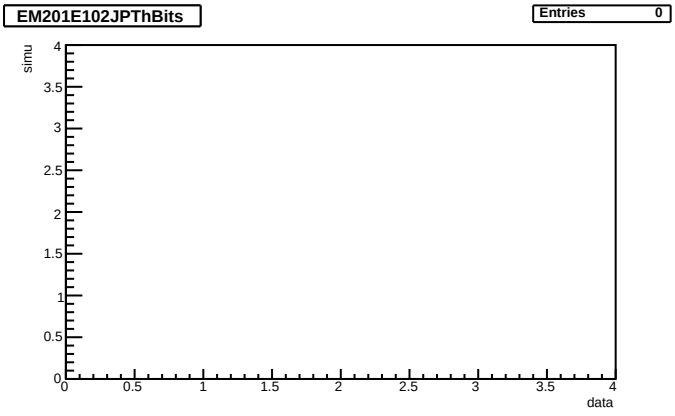

EM201E101JPId
Entries7086245
×10^3
JP partial Id

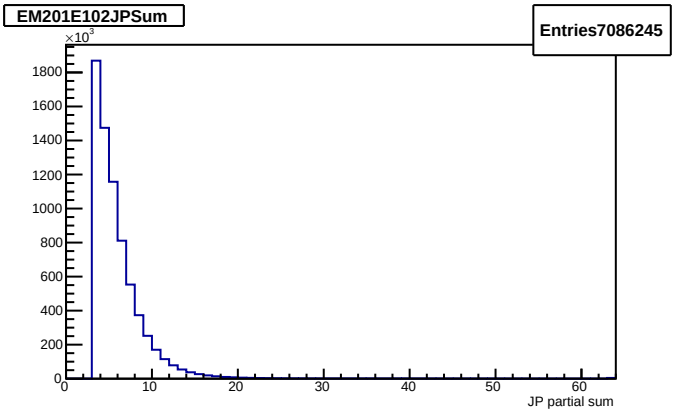

EM201E101JPId
Entries 0
simu
data

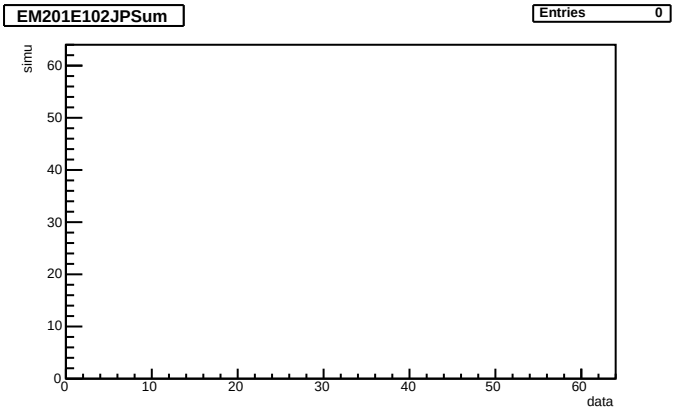

EM201E101Bits
Entries 3.543122e+07
149962
147943
162730
41295
18812
6.93628e+06
6.9383e+06
6.92352e+06
7.04495e+06
7.06743e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

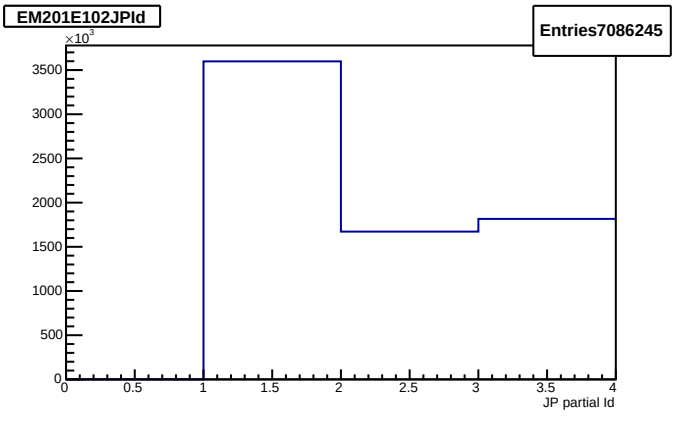

EM201E101Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

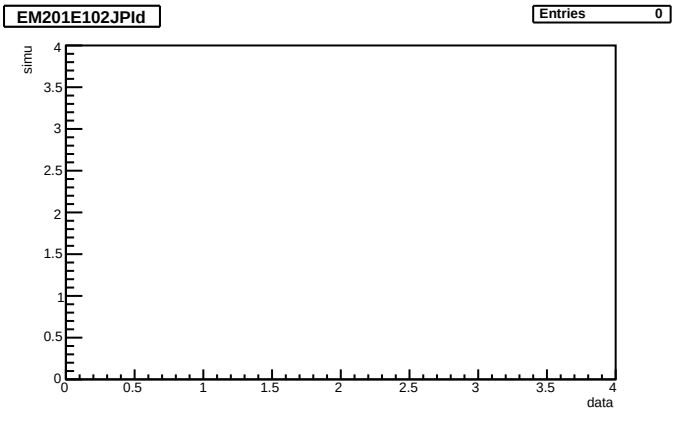

EM201E102JPThBits
Entries7086245
×10^3
JP th bits

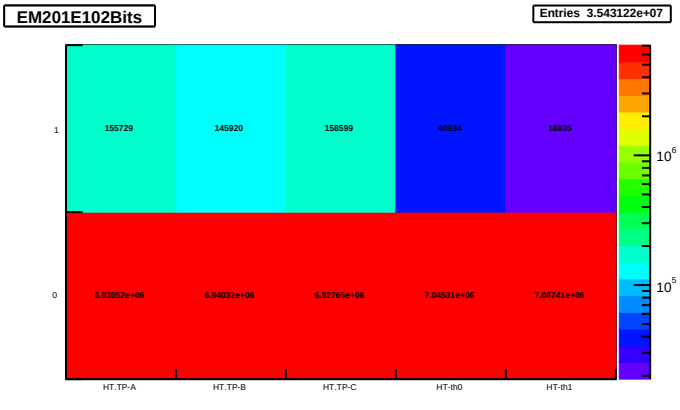

EM201E102JPThBits
Entries 0
simu
data

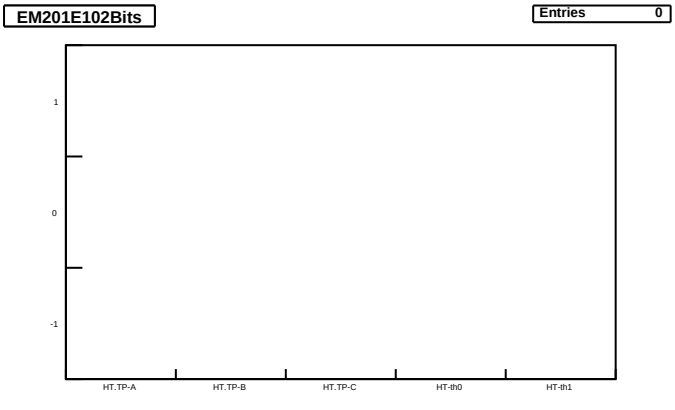

EM201E102JPSum
Entries7086245
×10^3
JP partial sum

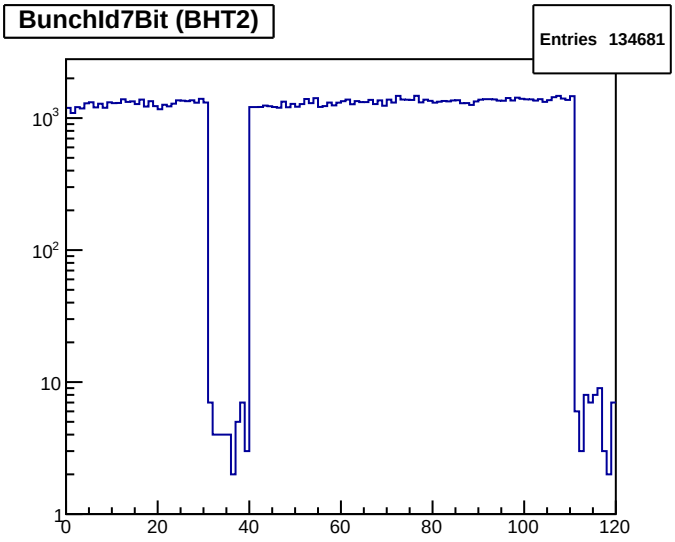

EM201E102JPSum
Entries 0
simu
data

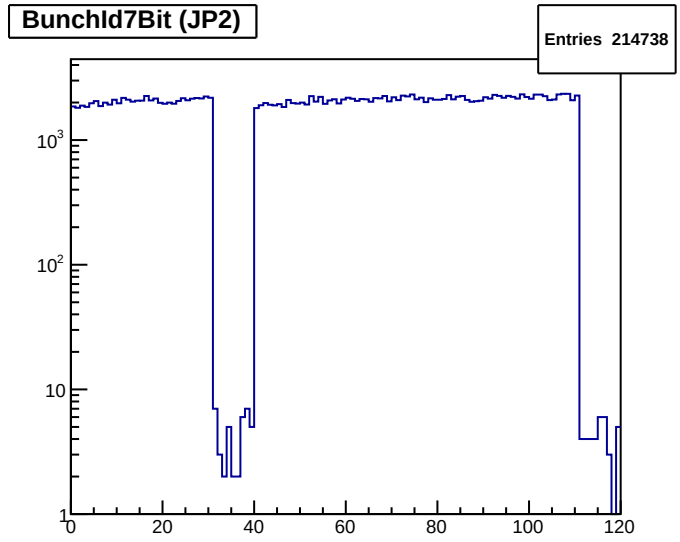

EM201E102JPId
Entries7086245
×10^3
JP partial Id

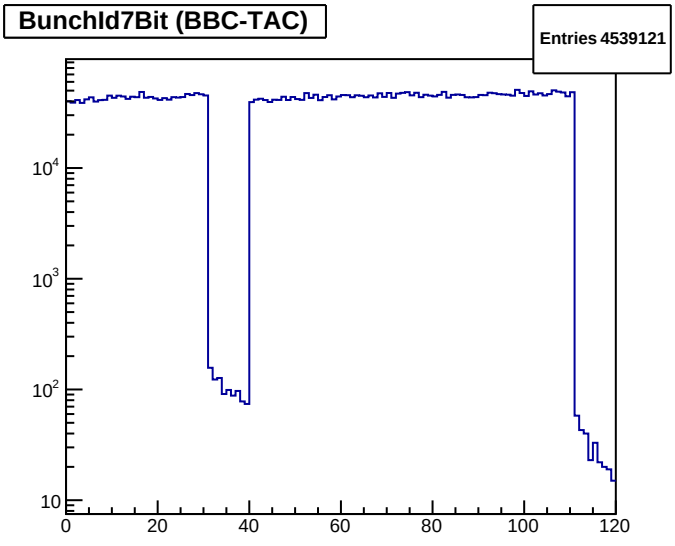

EM201E102JPId
Entries 0
simu
data

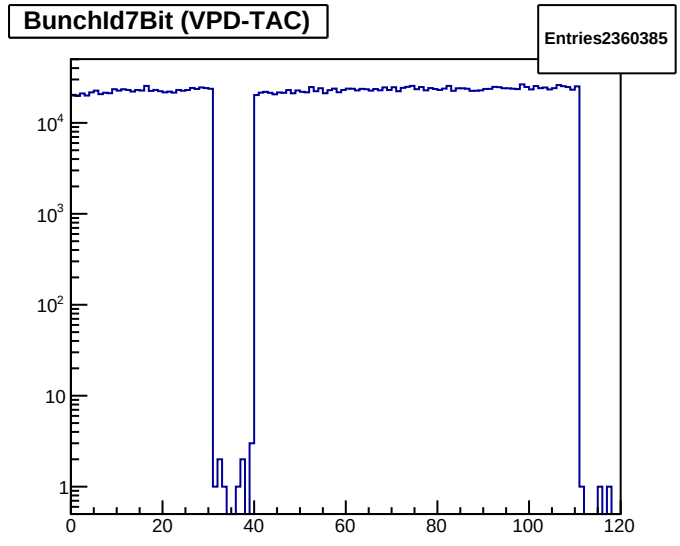

EM201E102Bits
Entries 3.543122e+07
155729
145920
158599
40934
18835
6.93052e+06
6.94032e+06
6.92765e+06
7.04531e+06
7.06741e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

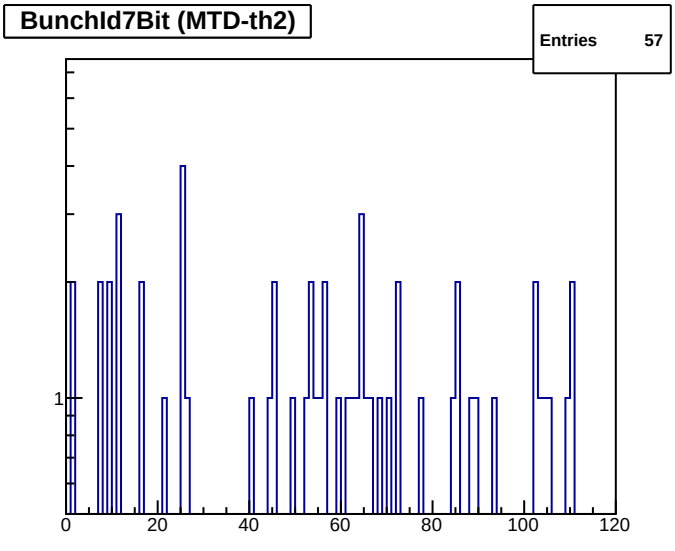

EM201E102Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

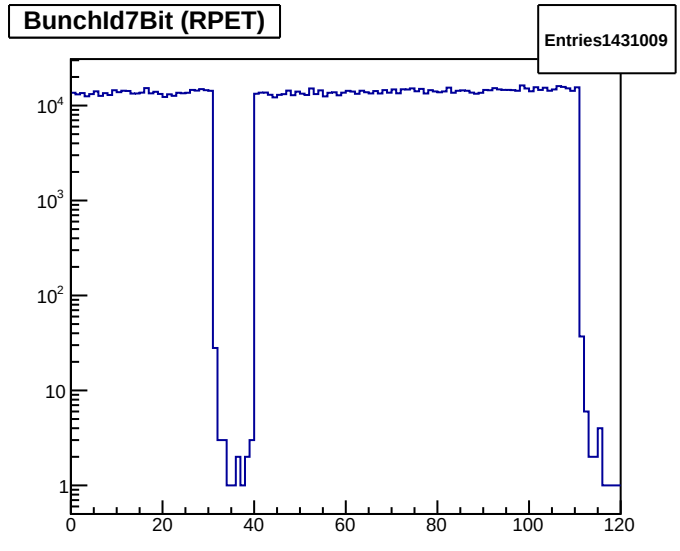

BunchId7Bit (BHT2)
Entries 134681

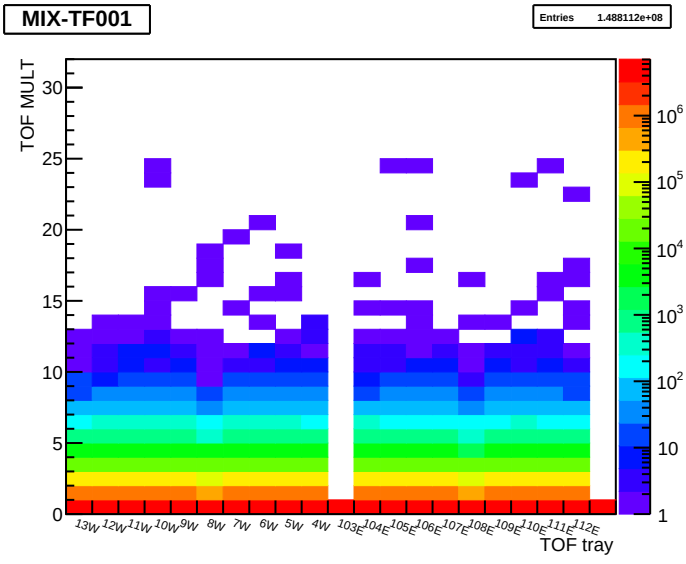

BunchId7Bit (JP2)
Entries 214738

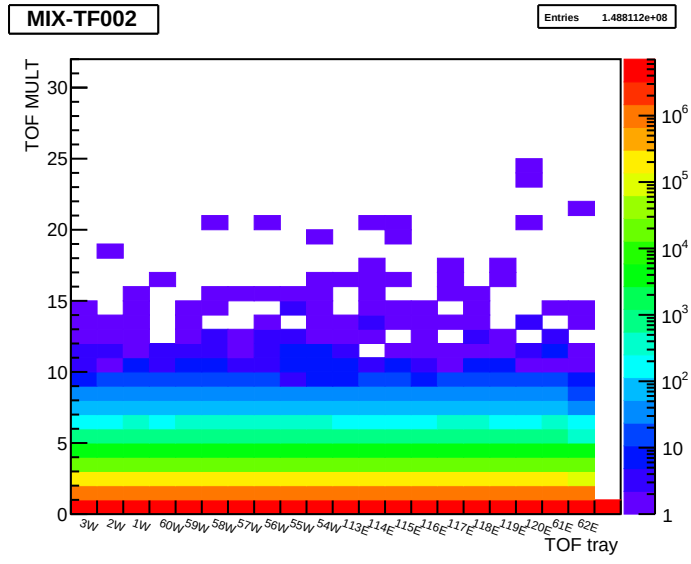

BunchId7Bit (BBC-TAC)
Entries 4539121

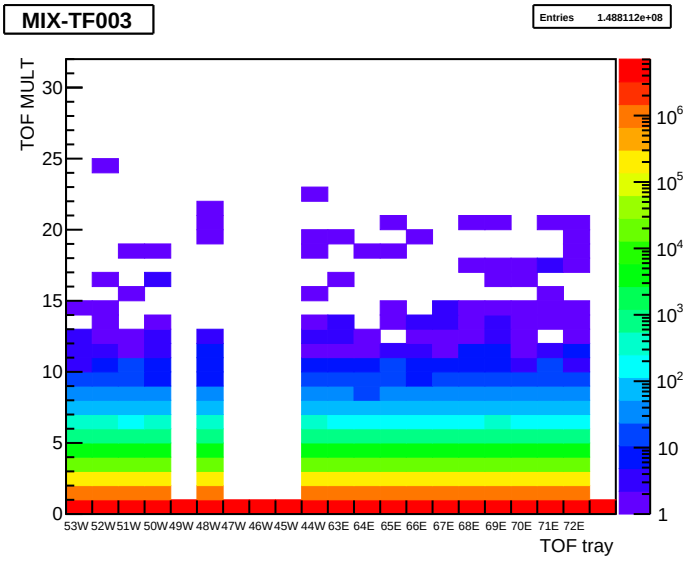

BunchId7Bit (VPD-TAC)
Entries2360385

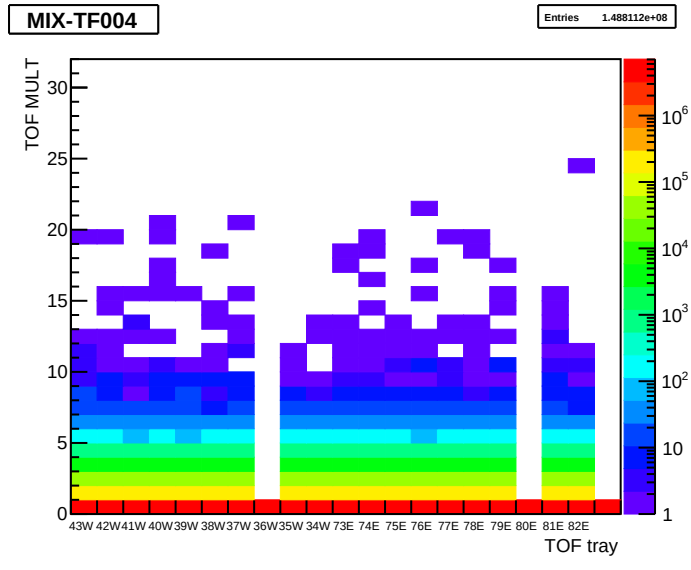

BunchId7Bit (MTD-th2)
Entries 57

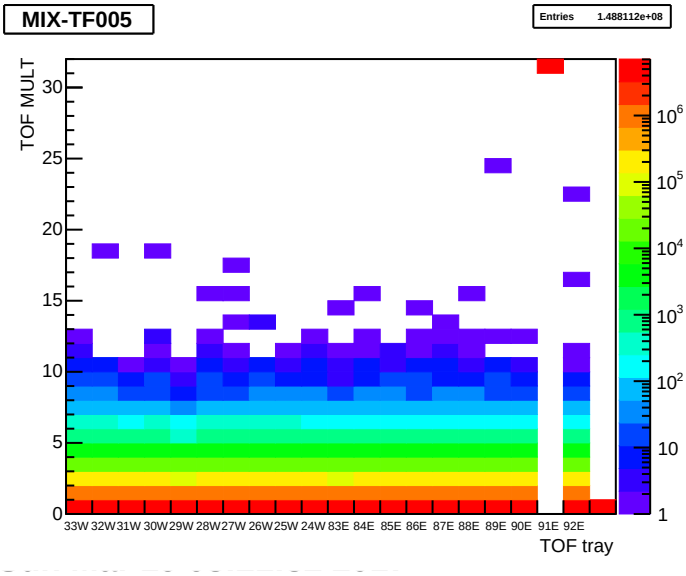

BunchId7Bit (RPET)
Entries1431009

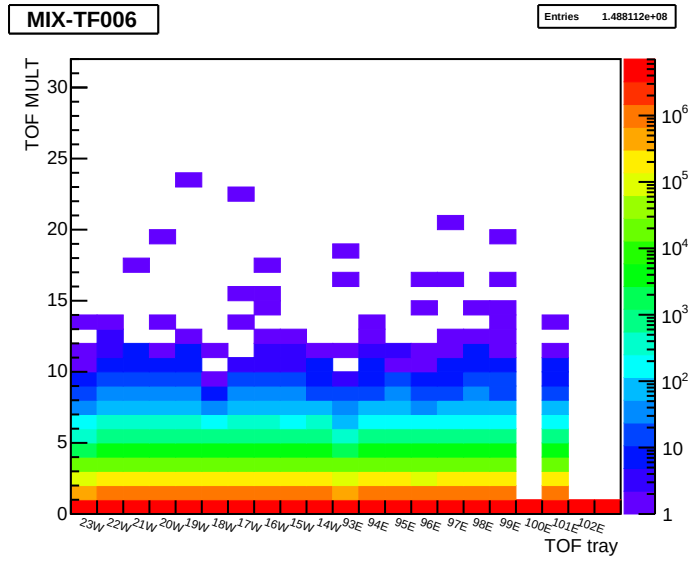

MIX-TF001
Entries 1.488112e+08
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

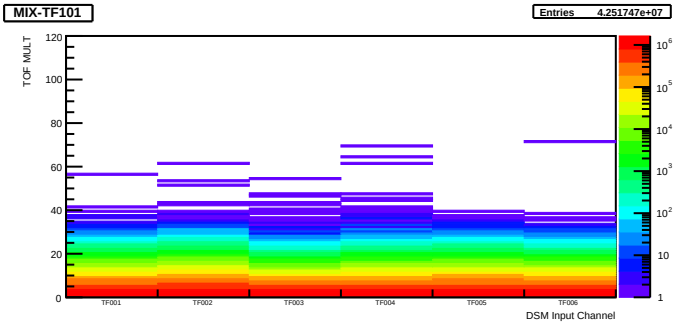

MIX-TF002
Entries 1.488112e+08
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

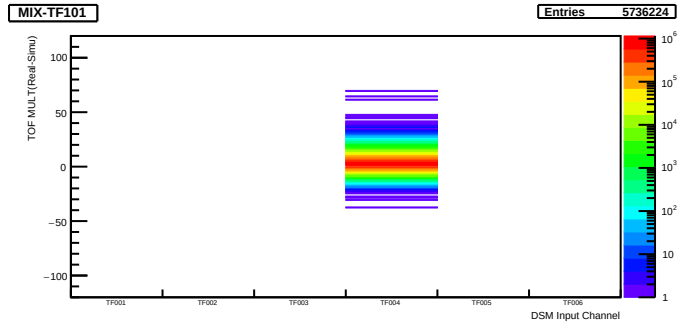

MIX-TF003
Entries 1.488112e+08
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

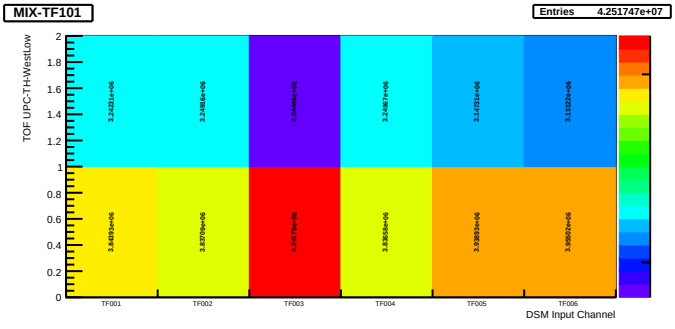

MIX-TF004
Entries 1.488112e+08
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

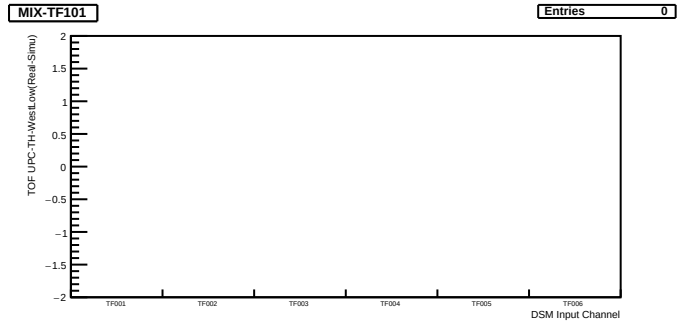

MIX-TF005
Entries 1.488112e+08
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

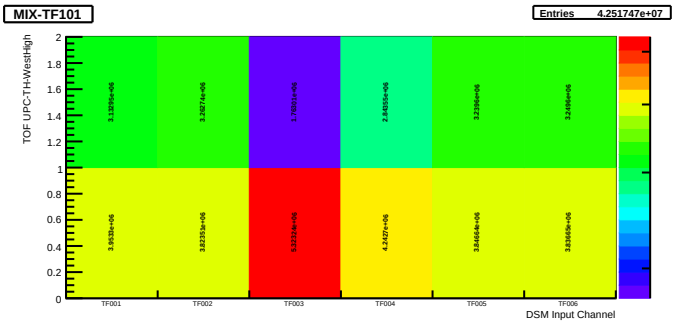

MIX-TF006
Entries 1.488112e+08
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

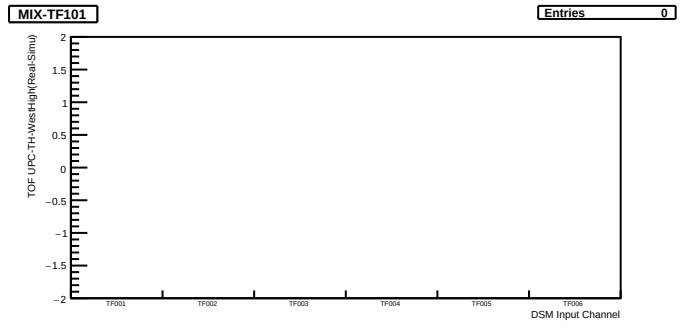

MIX-TF101
Entries 4.251747e+07
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

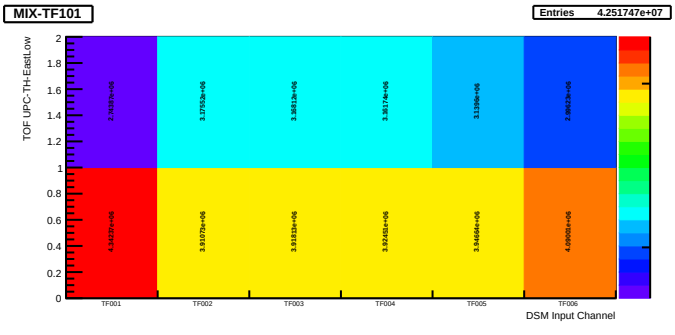

MIX-TF101
Entries 5736224
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

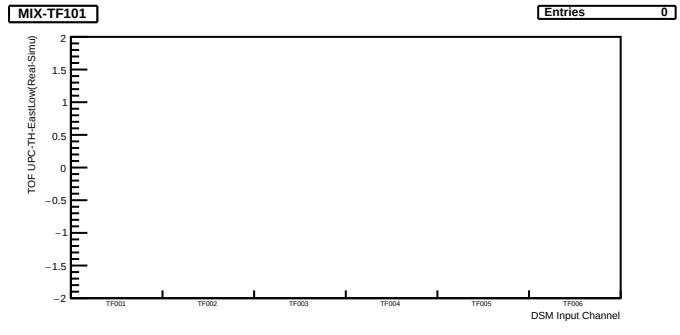

MIX-TF101
Entries 4.251747e+07
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

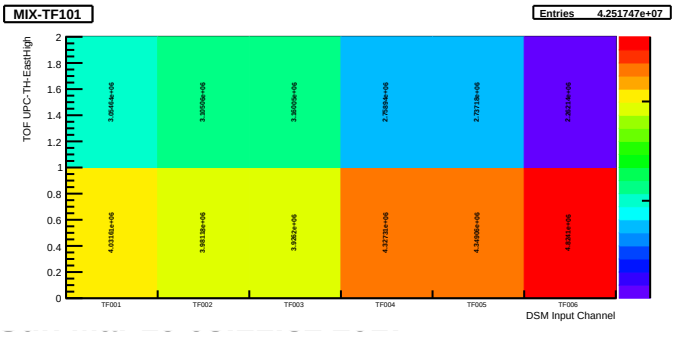

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

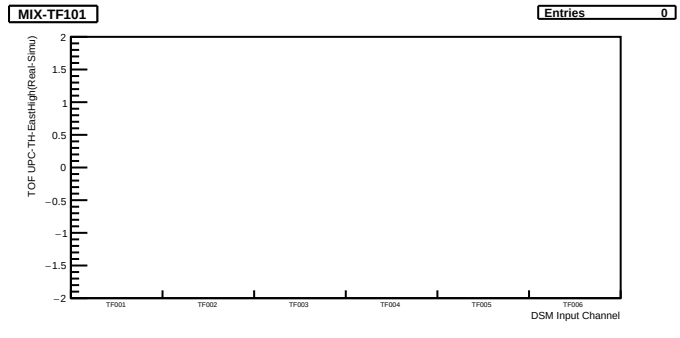

MIX-TF101
Entries 4.251747e+07
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

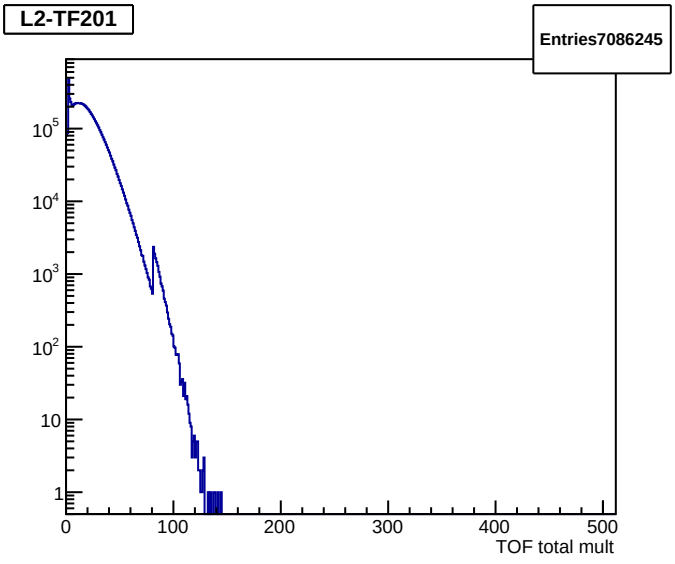

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

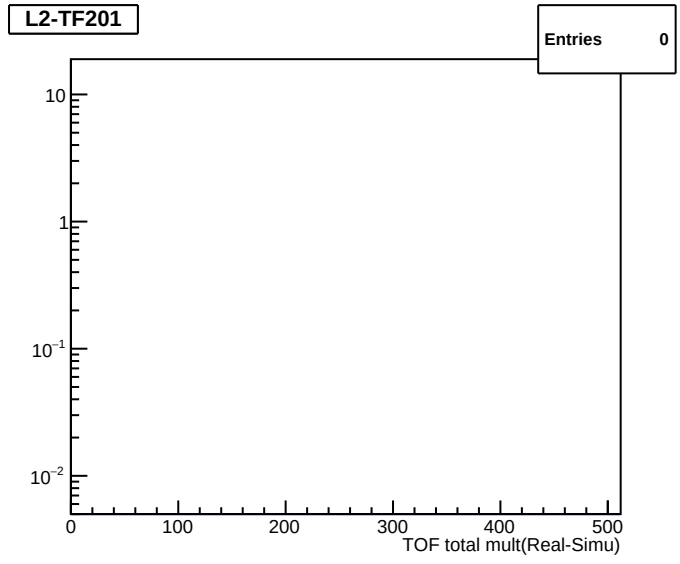

MIX-TF101
Entries 4.251747e+07
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

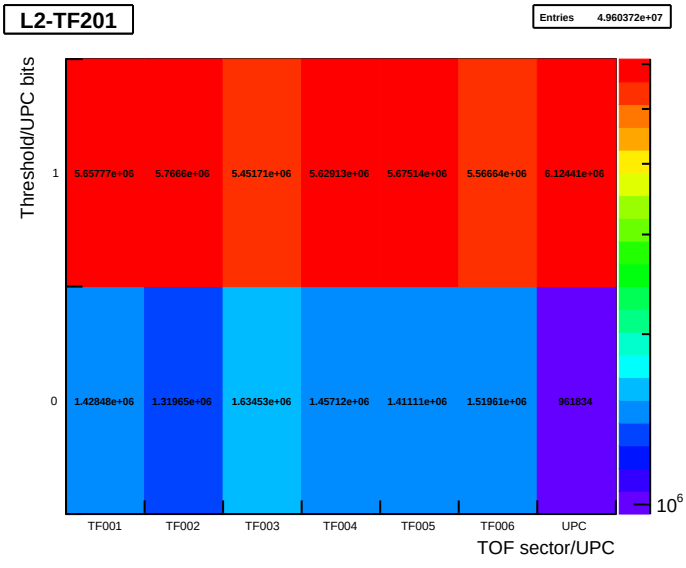

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

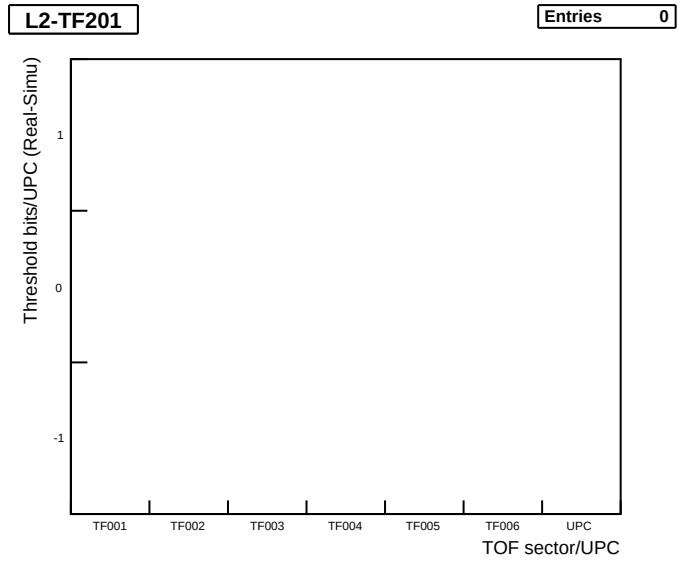

MIX-TF101
Entries 4.251747e+07
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

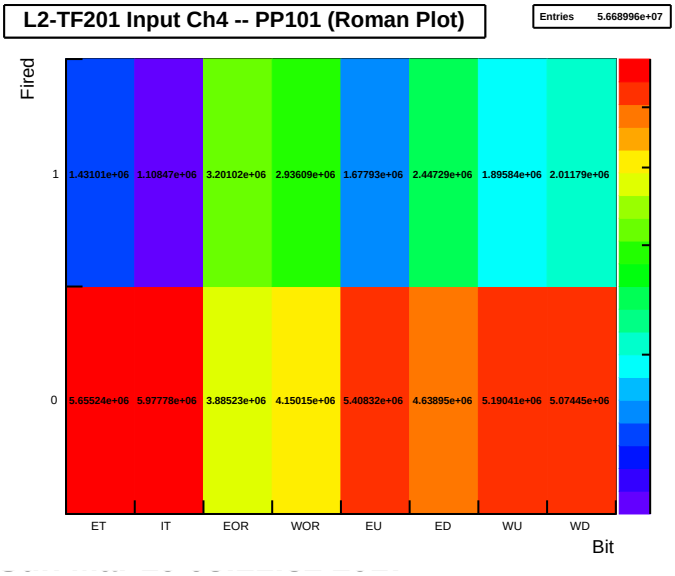

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

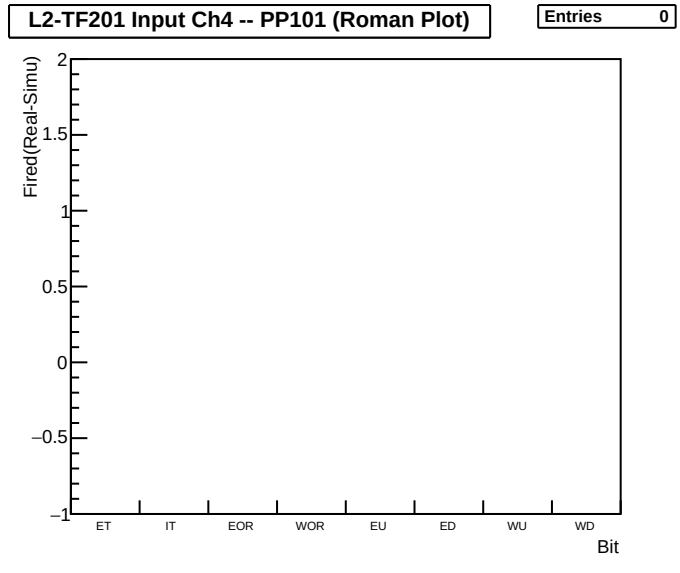

L2-TF201
Entries7086245
TOF total mult

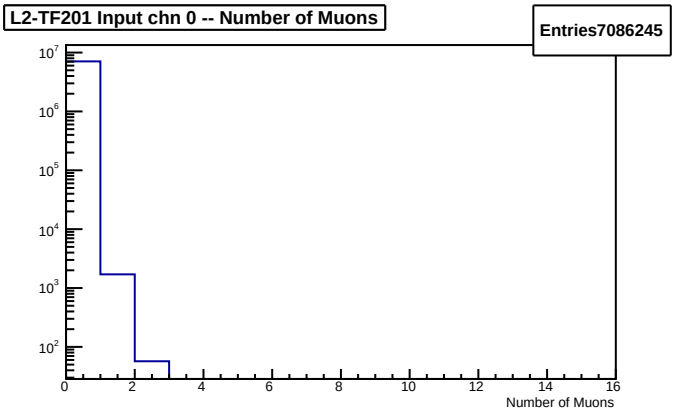

L2-TF201
Entries 0
TOF total mult(Real-Simu)

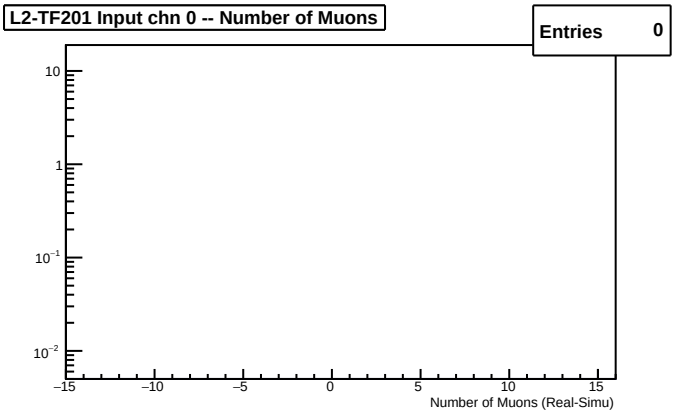

L2-TF201
Entries 4.960372e+07
Threshold/UPC bits
5.65777e+06
5.7666e+06
5.45171e+06
5.62913e+06
5.67514e+06
5.56664e+06
6.12441e+06
1.42848e+06
1.31965e+06
1.63453e+06
1.45712e+06
1.41111e+06
1.51961e+06
961834
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

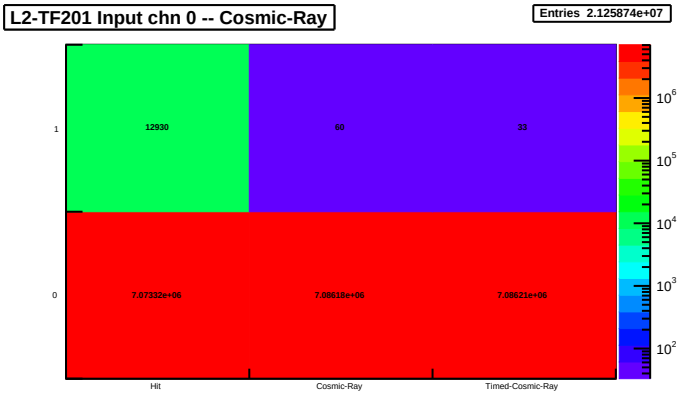

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

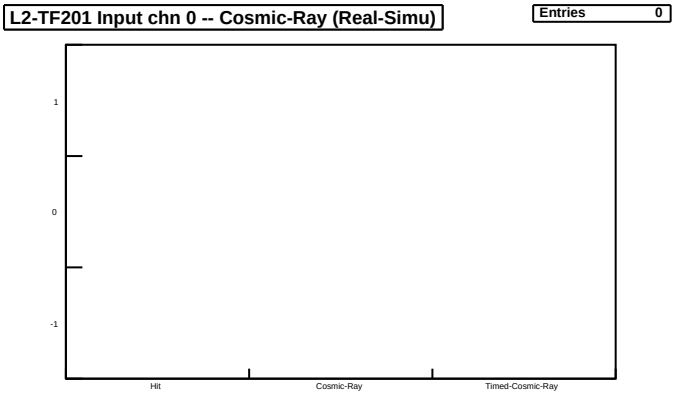

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 5.668996e+07
Fired
1.43101e+06
1.10847e+06
3.20102e+06
2.93609e+06
1.67793e+06
2.44729e+06
1.89584e+06
2.01179e+06
5.65524e+06
5.97778e+06
3.88523e+06
4.15015e+06
5.40832e+06
4.63895e+06
5.19041e+06
5.07445e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

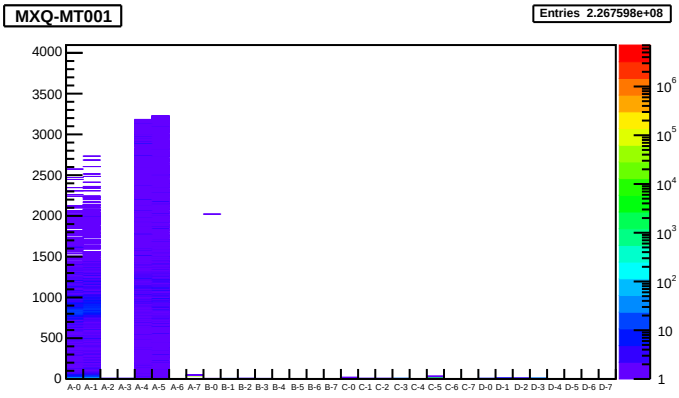

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

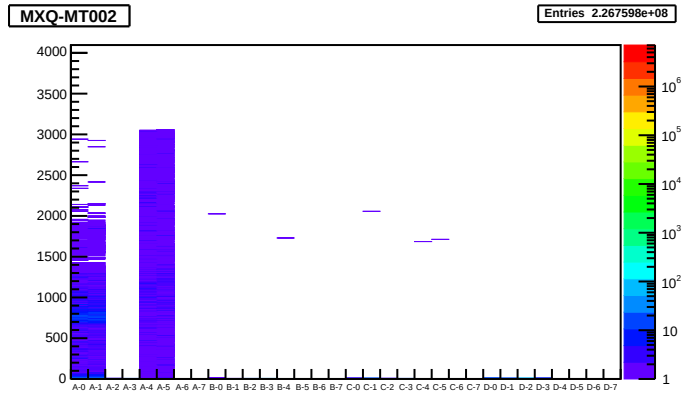

L2-TF201 Input chn 0 -- Number of Muons
Entries7086245
Number of Muons

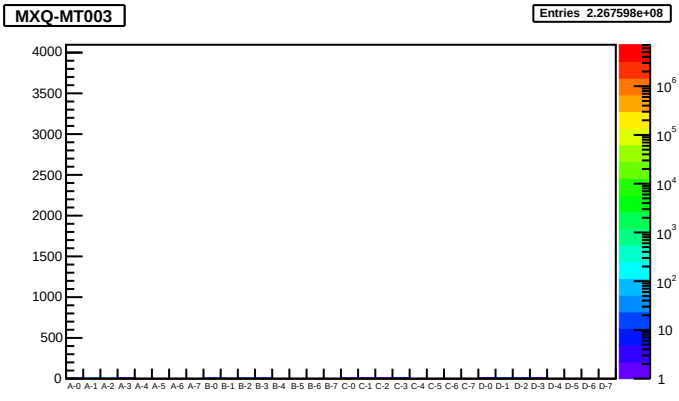

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

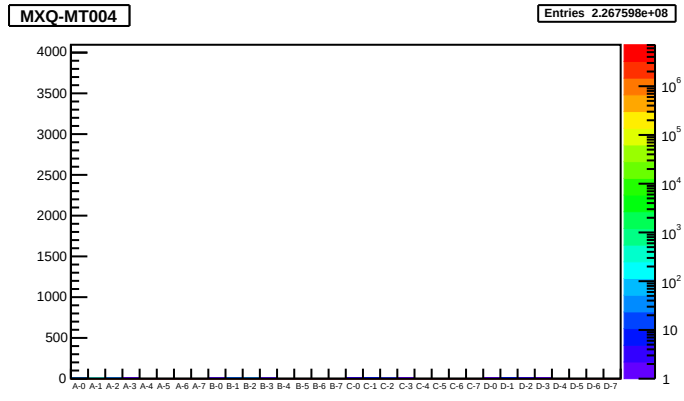

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 2.125874e+07
12930
60
33
7.07332e+06
7.08618e+06
7.08621e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

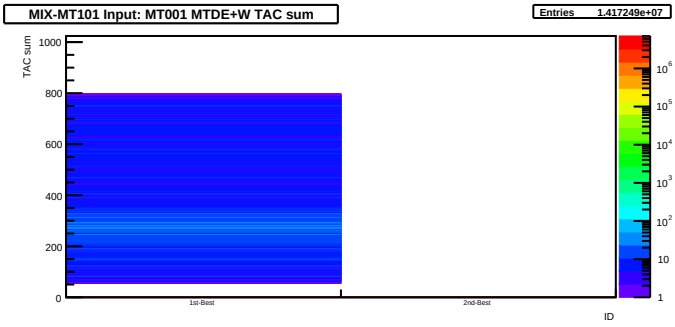

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

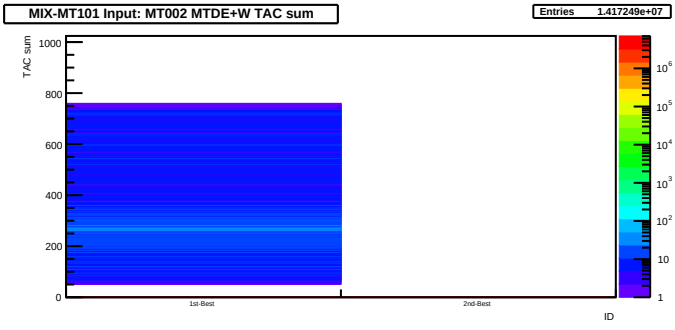

MXQ-MT001
Entries 2.267598e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

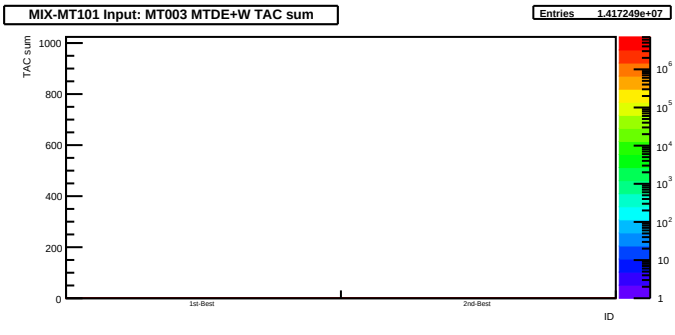

MXQ-MT002
Entries 2.267598e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

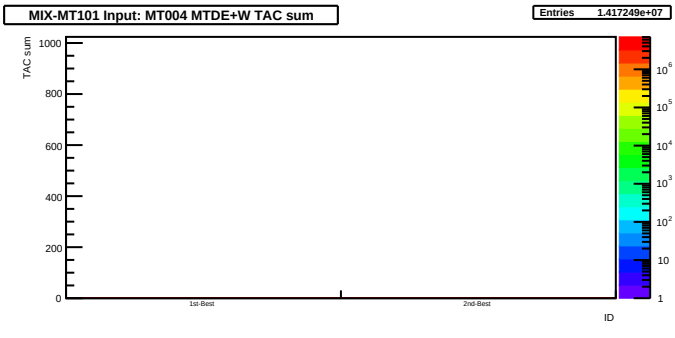

MXQ-MT003
Entries 2.267598e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

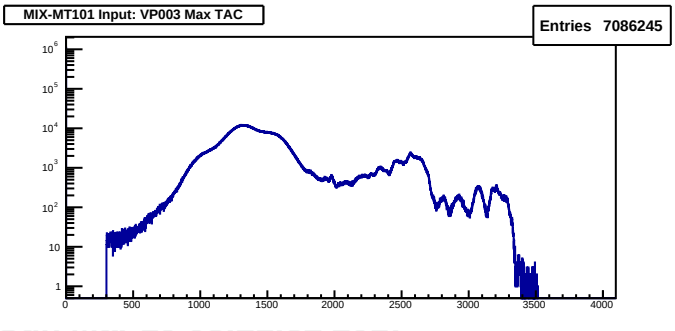

MXQ-MT004
Entries 2.267598e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

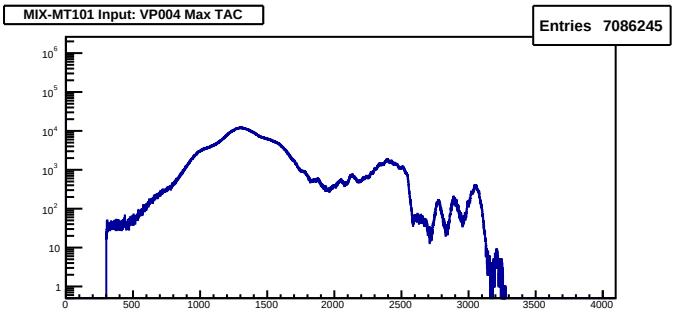

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 1.417249e+07
TAC sum
1st-Best
2nd-Best
ID

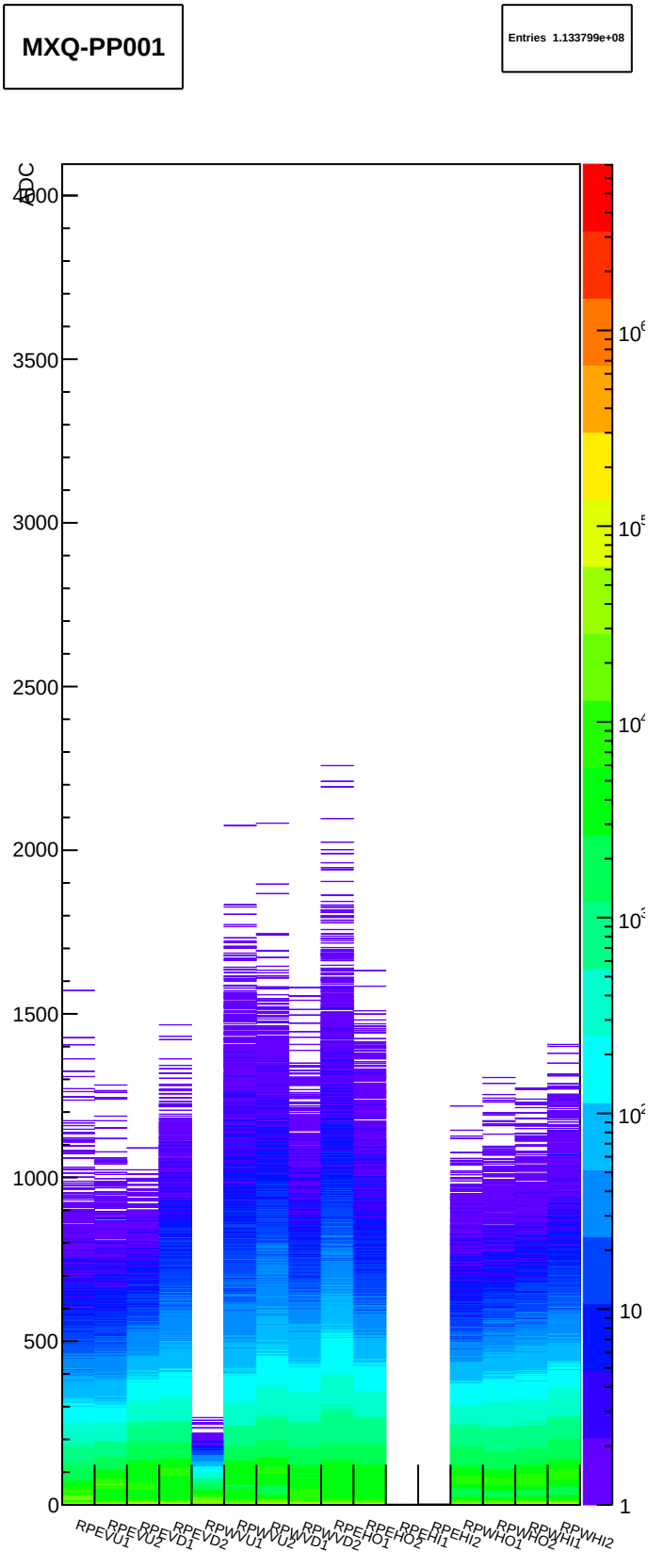

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 1.417249e+07
TAC sum
1st-Best
2nd-Best
ID

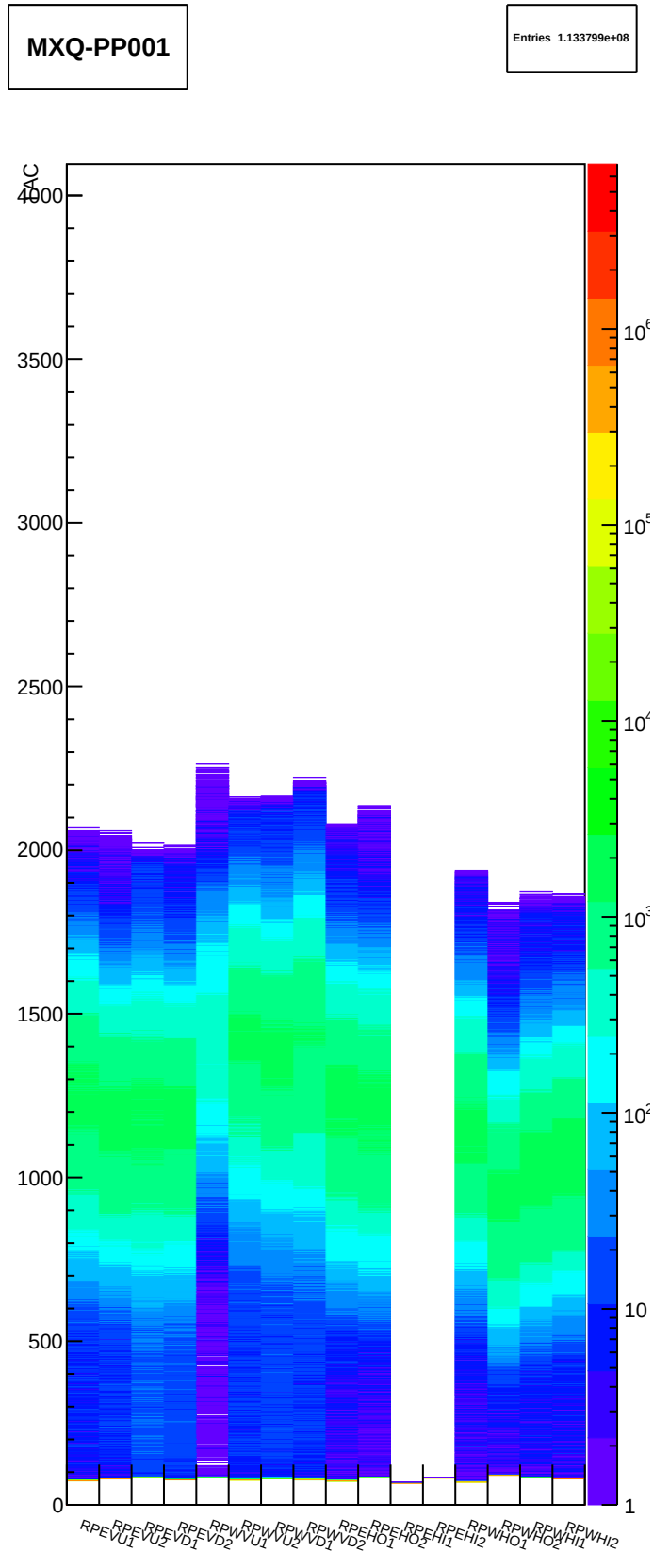

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 1.417249e+07
TAC sum
1st-Best
2nd-Best
ID

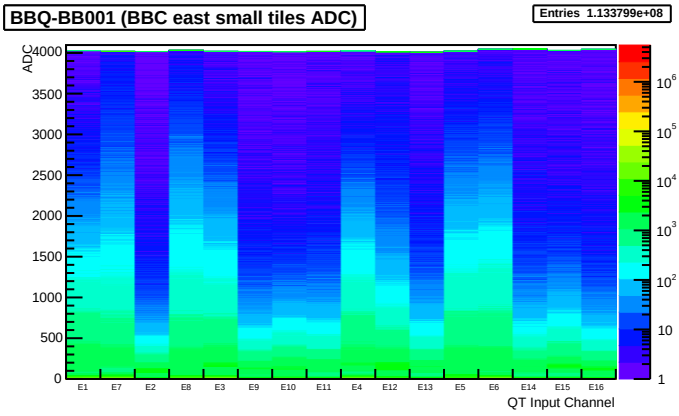

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 1.417249e+07
TAC sum
1st-Best
2nd-Best
ID

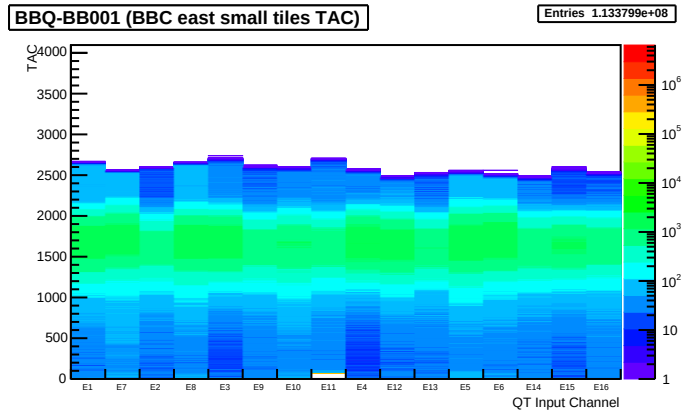

MIX-MT101 Input: VP003 Max TAC
Entries 7086245

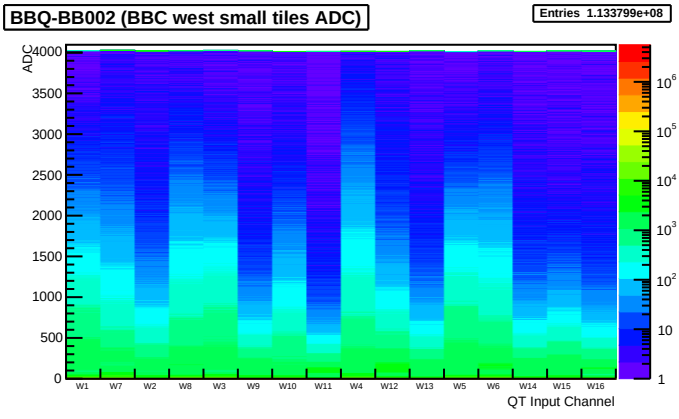

MIX-MT101 Input: VP004 Max TAC
Entries 7086245

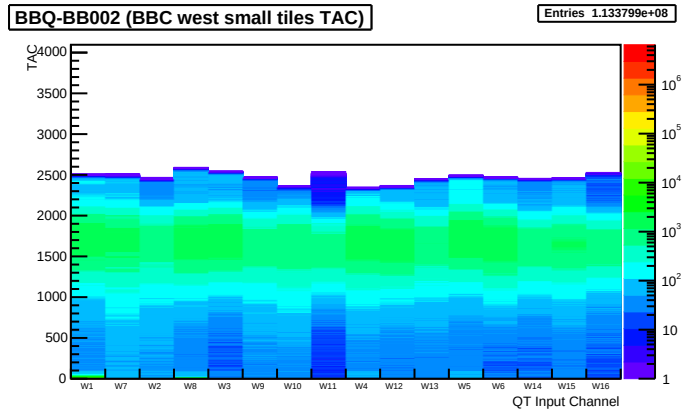

MXQ-PP001
Entries 1.133799e+08
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10^6
10^5
10^4
10^3
10^2
10
1

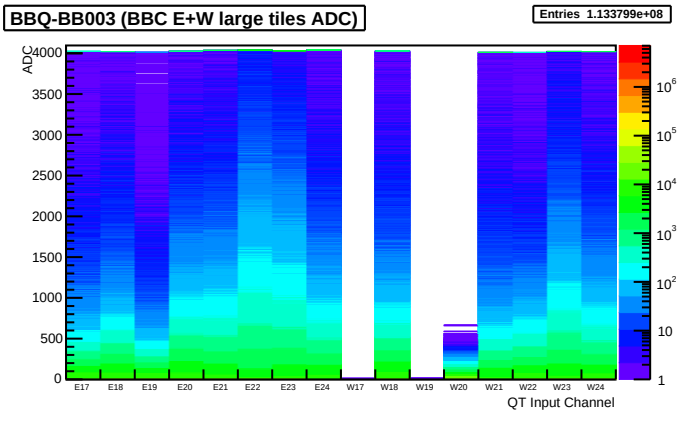

MXQ-PP001
Entries 1.133799e+08
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10^6
10^5
10^4
10^3
10^2
10
1

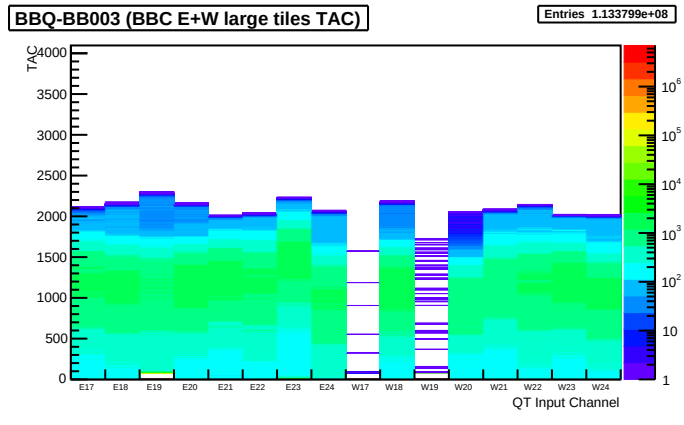

BBQ-BB001 (BBC east small tiles ADC)
Entries 1.133799e+08
ADC
QT Input Channel

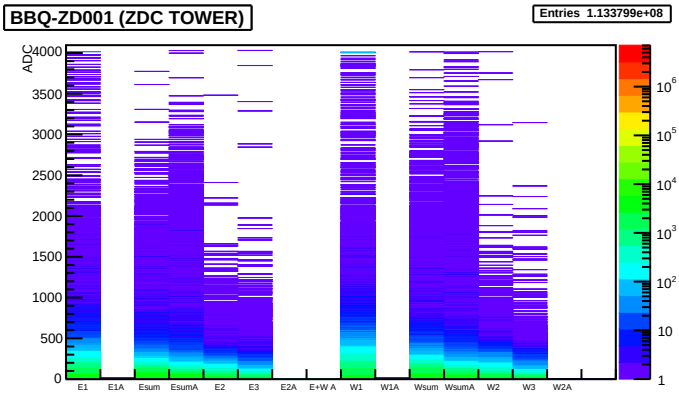

BBQ-BB001 (BBC east small tiles TAC)
Entries 1.133799e+08
TAC
QT Input Channel

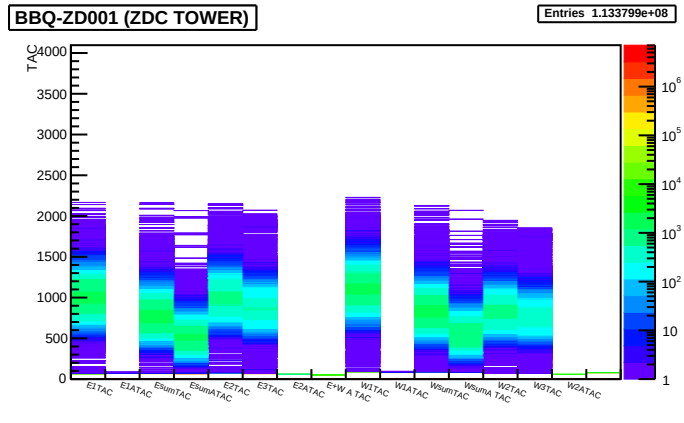

BBQ-BB002 (BBC west small tiles ADC)
Entries 1.133799e+08
ADC
QT Input Channel

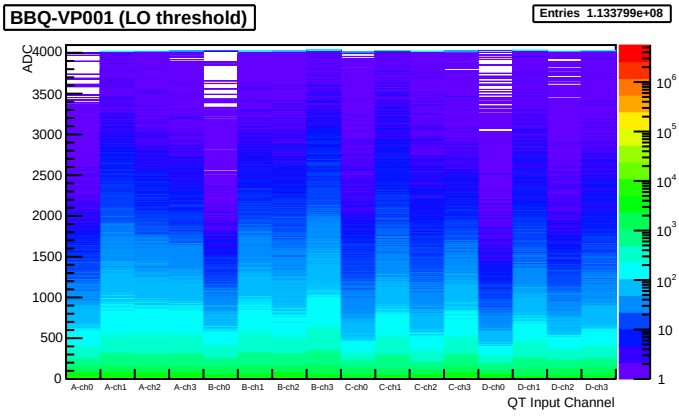

BBQ-BB002 (BBC west small tiles TAC)
Entries 1.133799e+08
TAC
QT Input Channel

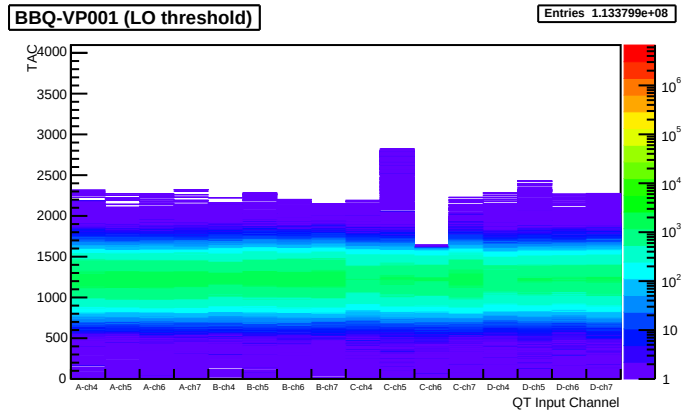

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 1.133799e+08
ADC
QT Input Channel

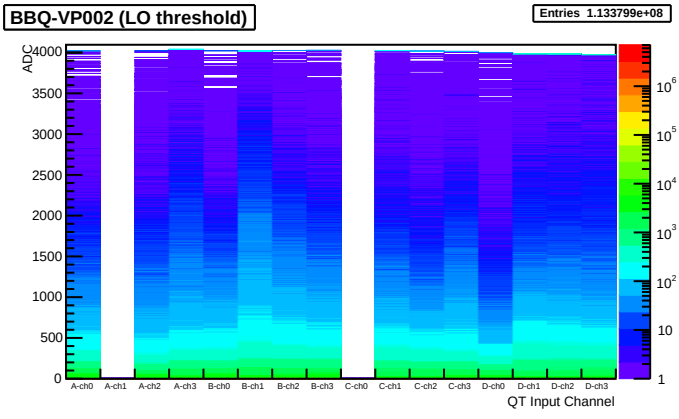

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 1.133799e+08
TAC
QT Input Channel

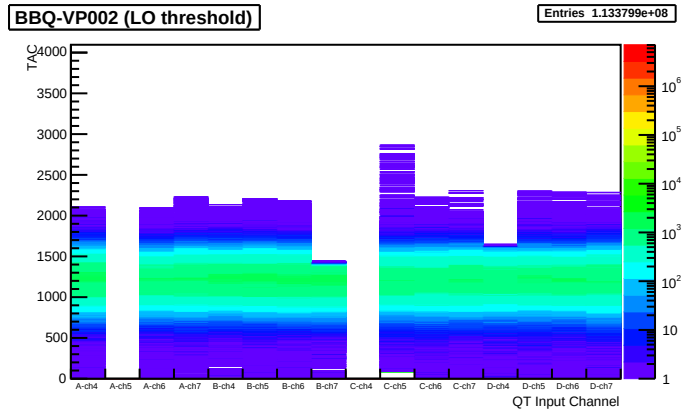

BBQ-ZD001 (ZDC TOWER)
Entries 1.133799e+08
ADC

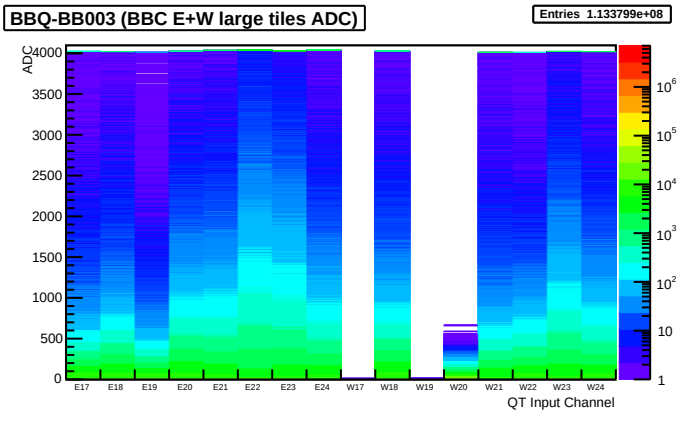

BBQ-ZD001 (ZDC TOWER)
Entries 1.133799e+08
TAC

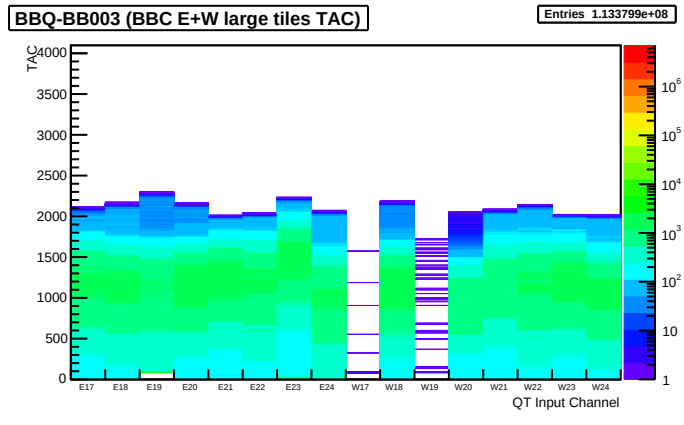

BBQ-VP001 (LO threshold)
Entries 1.133799e+08
ADC
QT Input Channel

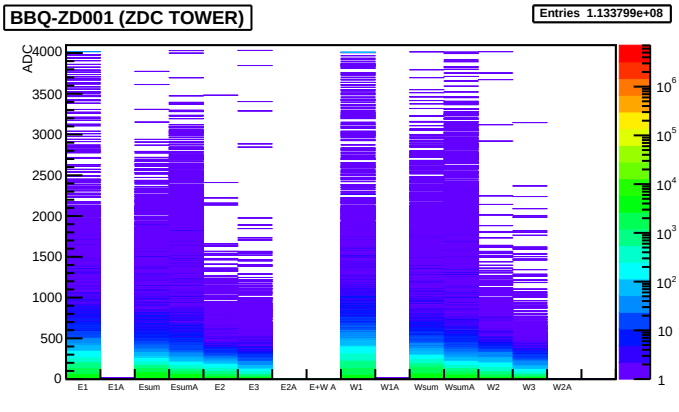

BBQ-VP001 (LO threshold)
Entries 1.133799e+08
TAC
QT Input Channel

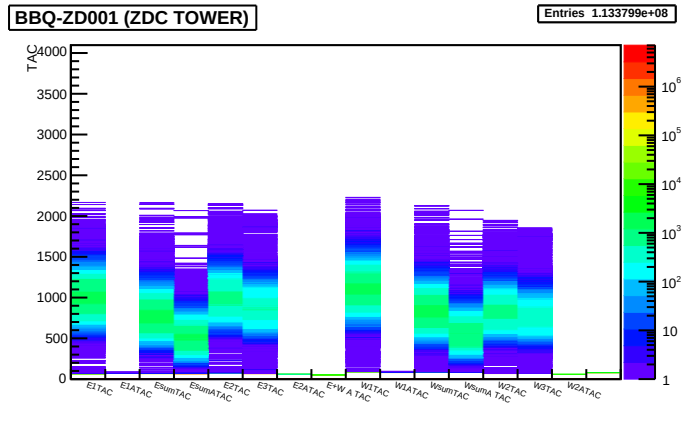

BBQ-VP002 (LO threshold)
Entries 1.133799e+08
ADC
QT Input Channel

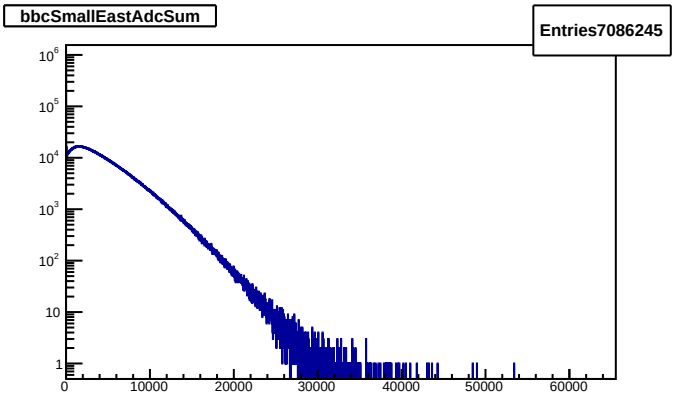

BBQ-VP002 (LO threshold)
Entries 1.133799e+08
TAC
QT Input Channel

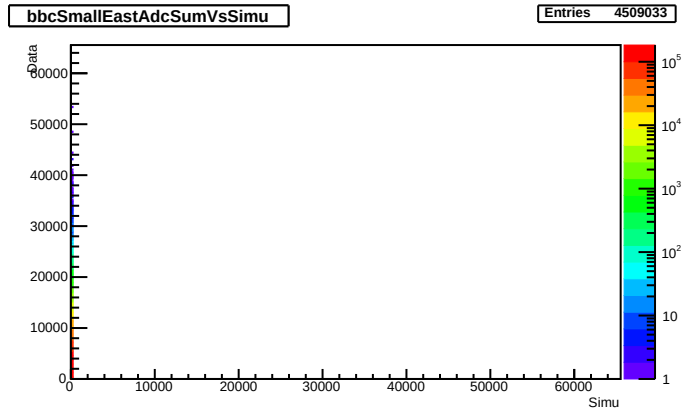

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 1.133799e+08
ADC
QT Input Channel

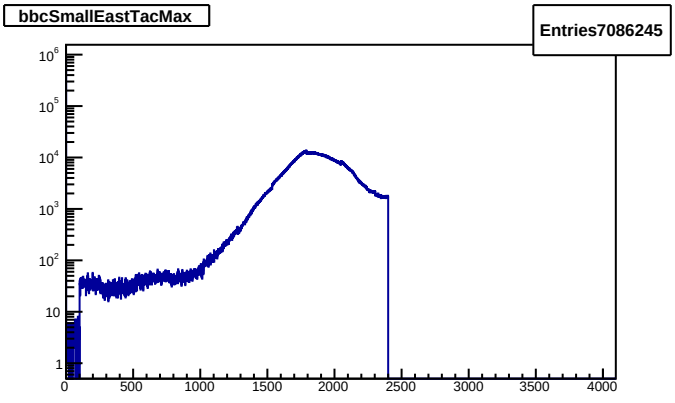

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 1.133799e+08
TAC
QT Input Channel

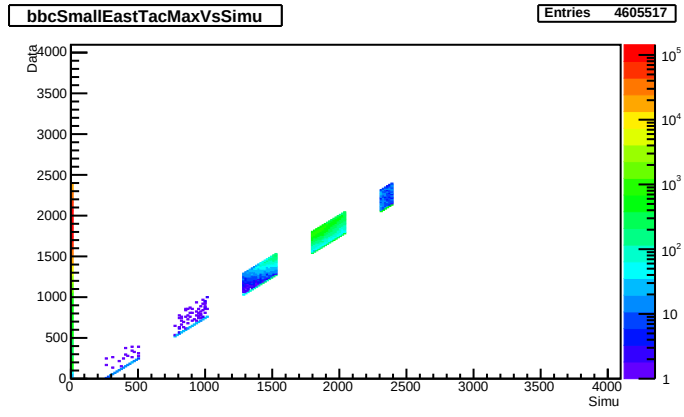

BBQ-ZD001 (ZDC TOWER)
Entries 1.133799e+08
ADC

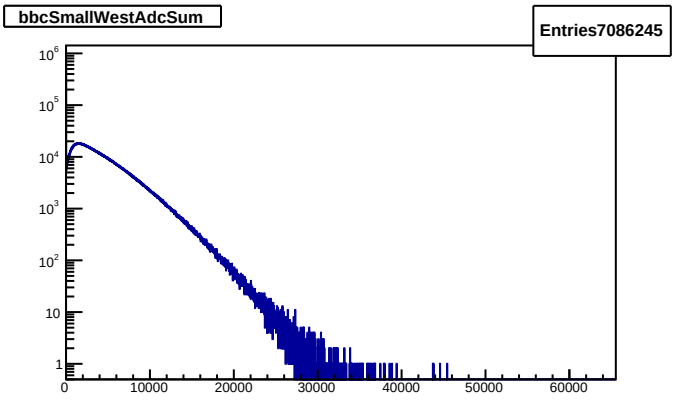

BBQ-ZD001 (ZDC TOWER)
Entries 1.133799e+08
TAC

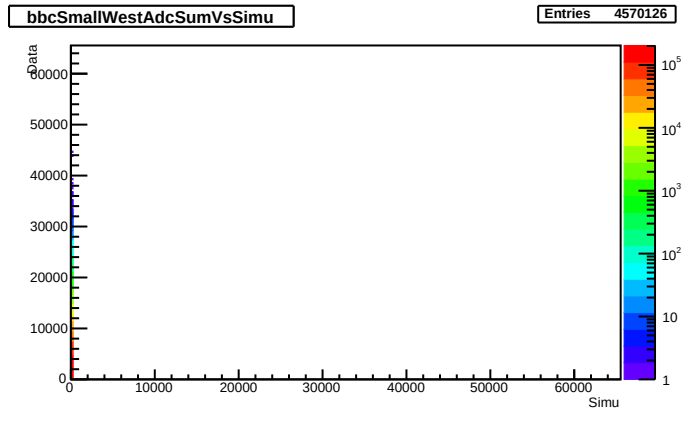

bbcSmallEastAdcSum
Entries7086245

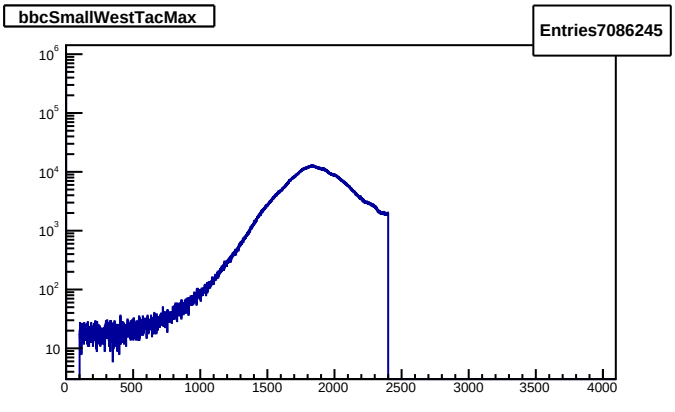

bbcSmallEastAdcSumVsSimu
Entries 4509033
Data
Simu

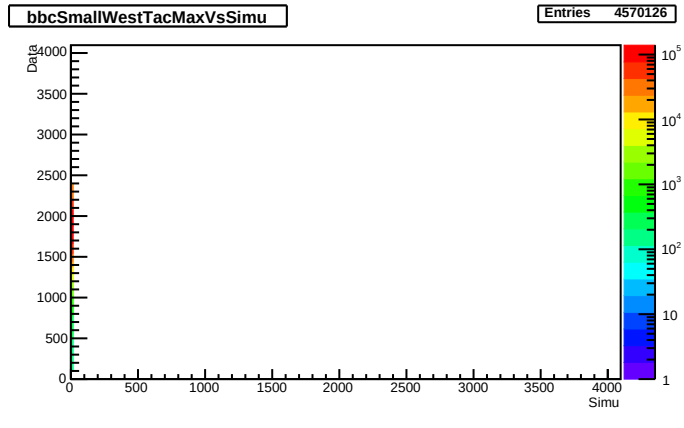

bbcSmallEastTacMax
Entries7086245

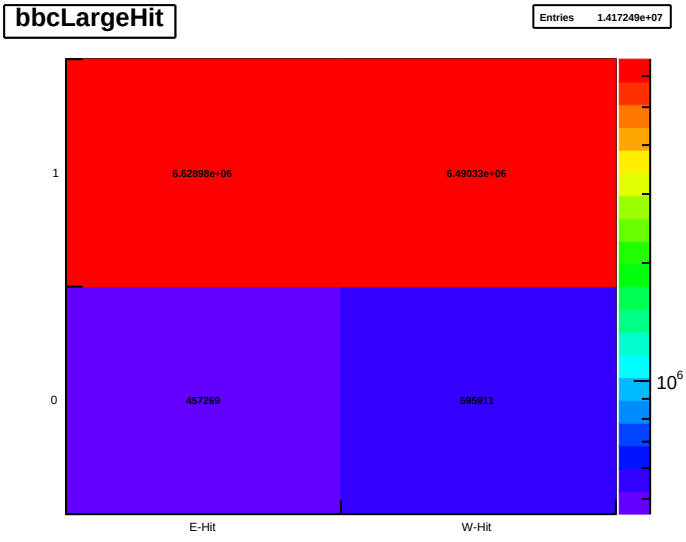

bbcSmallEastTacMaxVsSimu
Entries 4605517
Data
Simu

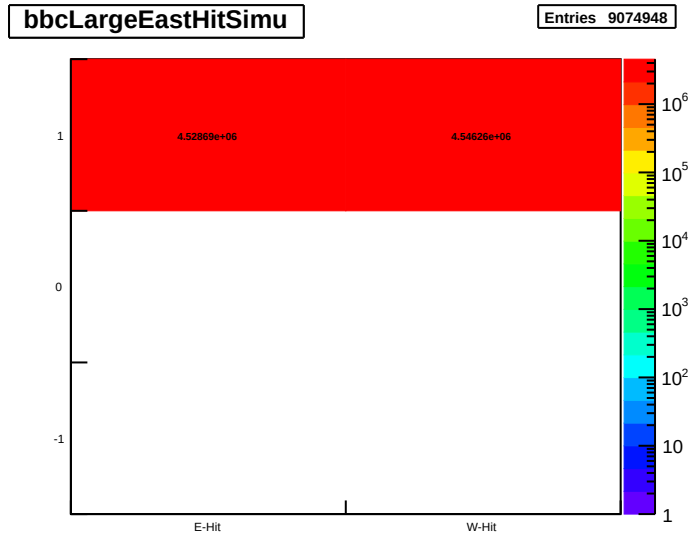

bbcSmallWestAdcSum
Entries7086245

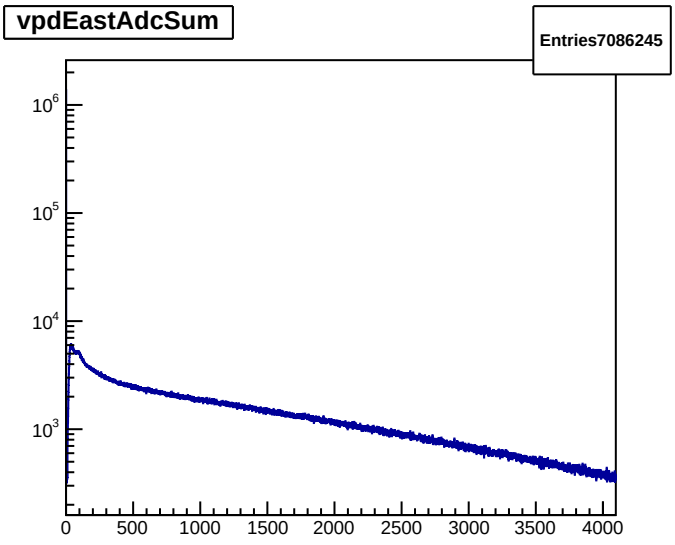

bbcSmallWestAdcSumVsSimu
Entries 4570126
Data
Simu

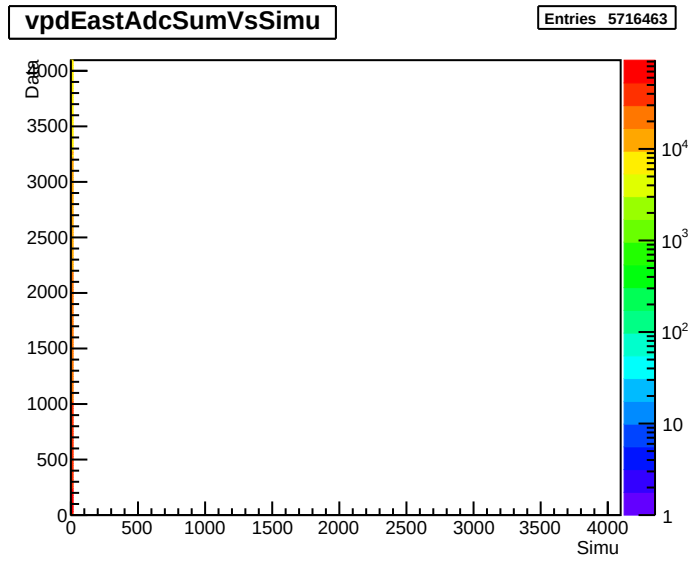

bbcSmallWestTacMax
Entries7086245

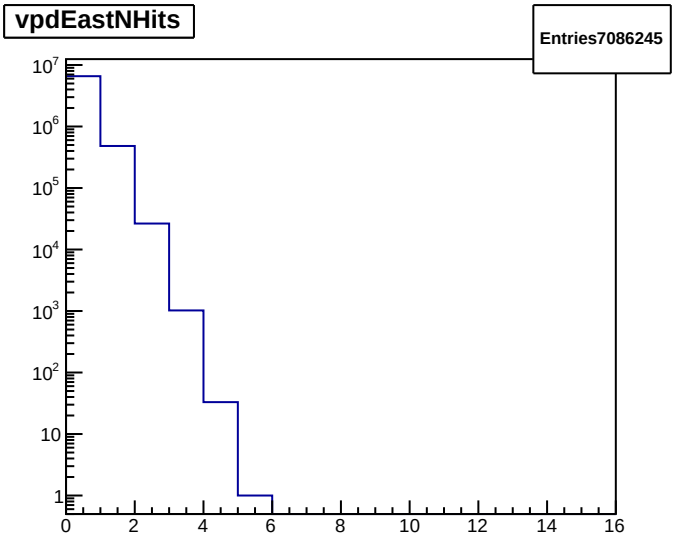

bbcSmallWestTacMaxVsSimu
Entries 4570126
Data
Simu

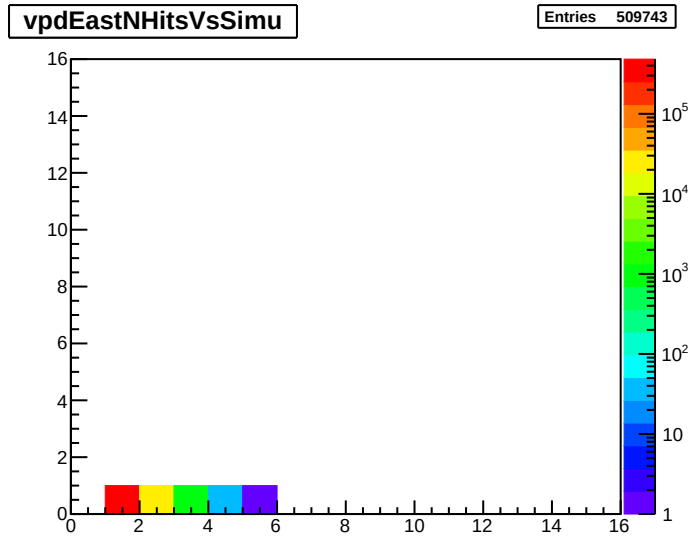

bbcLargeHit
Entries 1.417249e+07
1
0
6.62898e+06
6.49033e+06
457269
595911
E-Hit
W-Hit
10^6

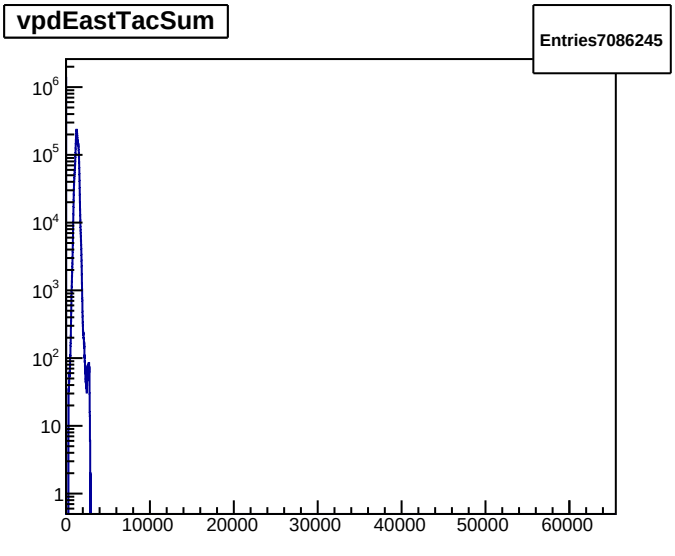

bbcLargeEastHitSimu
Entries 9074948
1
0
-1
4.52869e+06
4.54626e+06
E-Hit
W-Hit
10^6
10^5
10^4
10^3
10^2
10
1

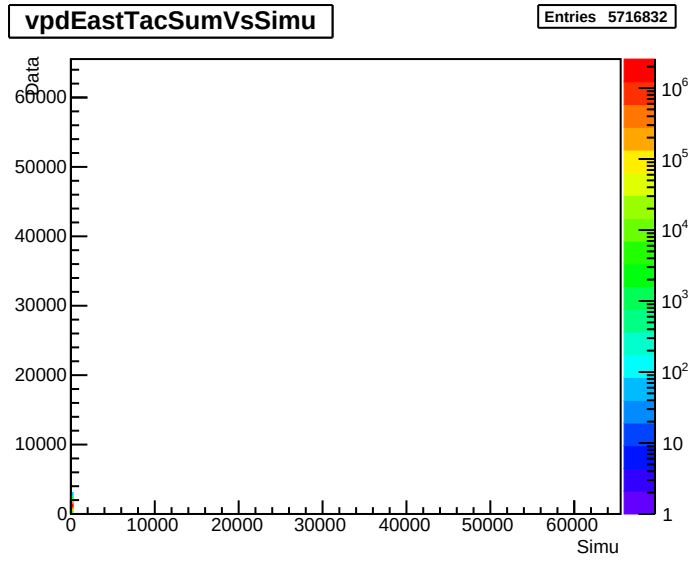

vpdEastAdcSum
Entries7086245

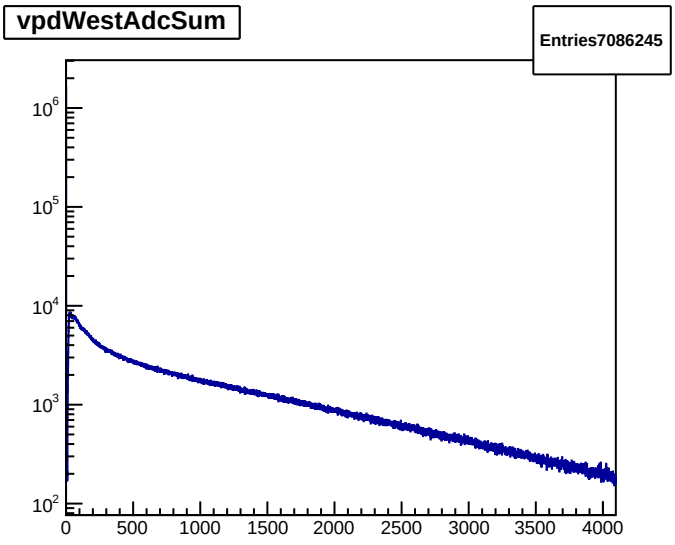

vpdEastAdcSumVsSimu
Entries 5716463
Data
Simu

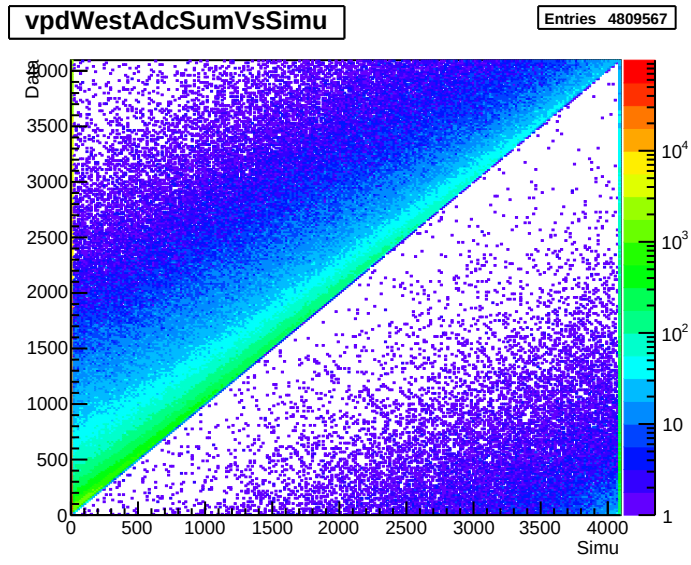

vpdEastNHits
Entries7086245

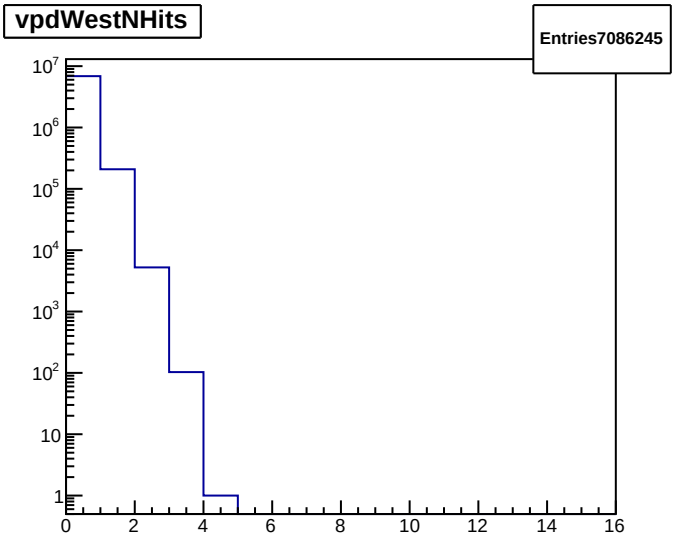

vpdEastNHitsVsSimu
Entries 509743

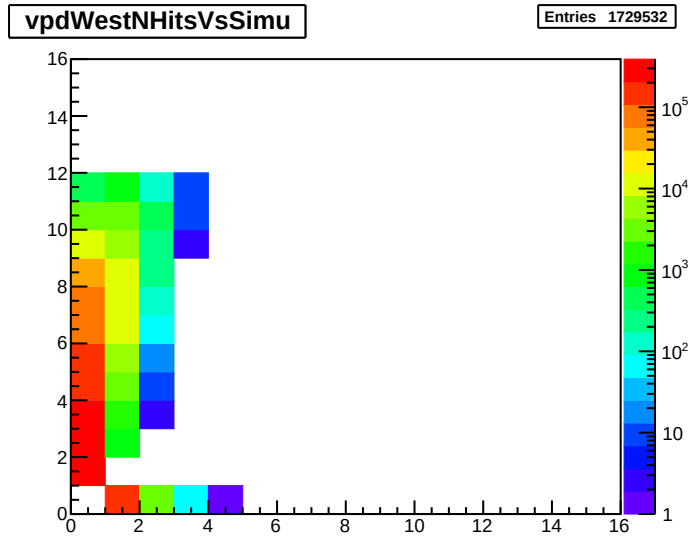

vpdEastTacSum
Entries7086245

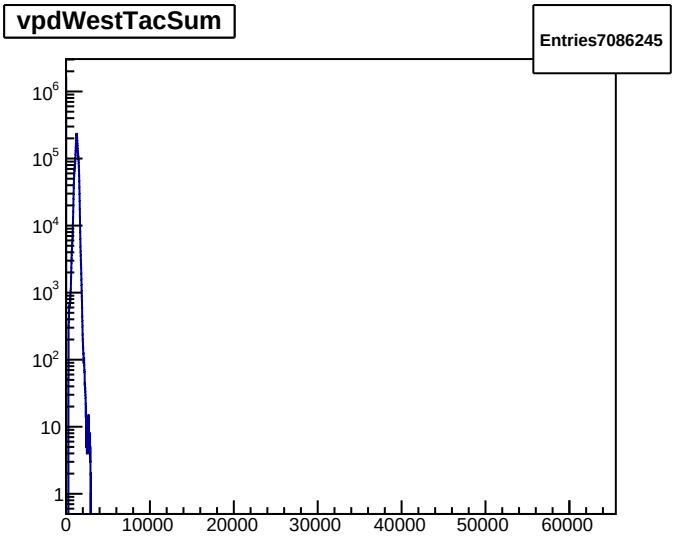

vpdEastTacSumVsSimu
Entries 5716832
Data
Simu

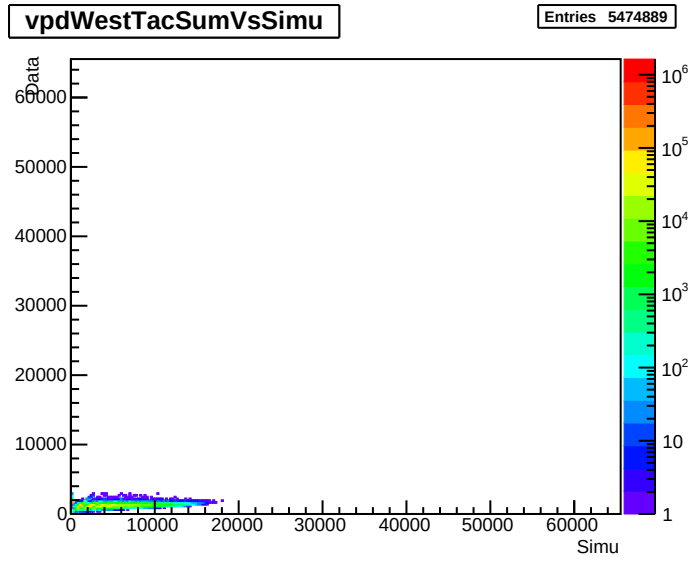

vpdWestAdcSum
Entries7086245

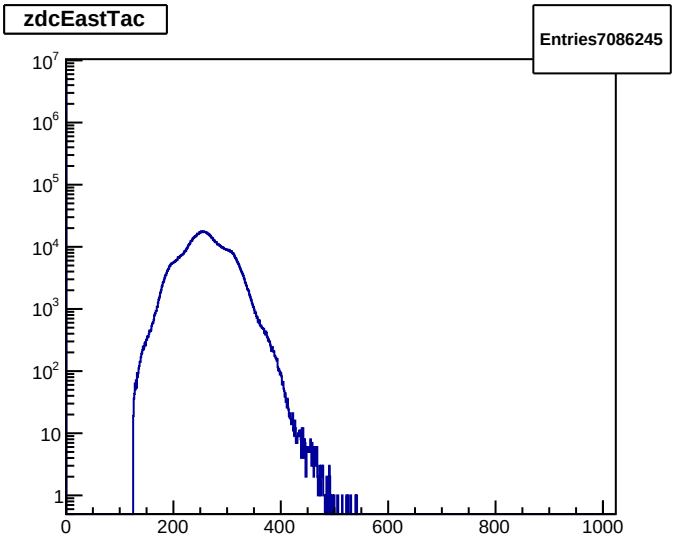

vpdWestAdcSumVsSimu
Entries 4809567
Data
Simu

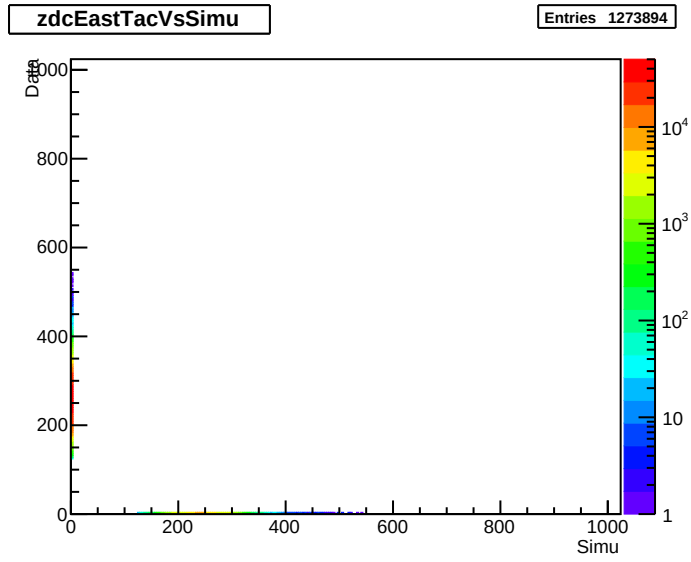

vpdWestNHits
Entries7086245

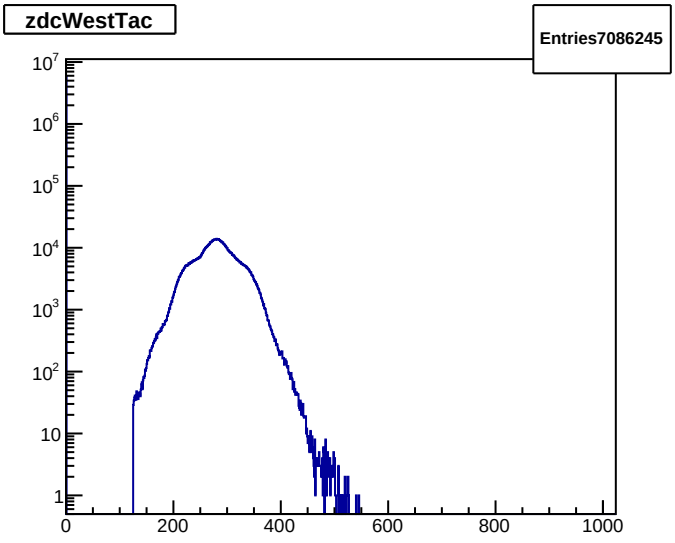

vpdWestNHitsVsSimu
Entries 1729532

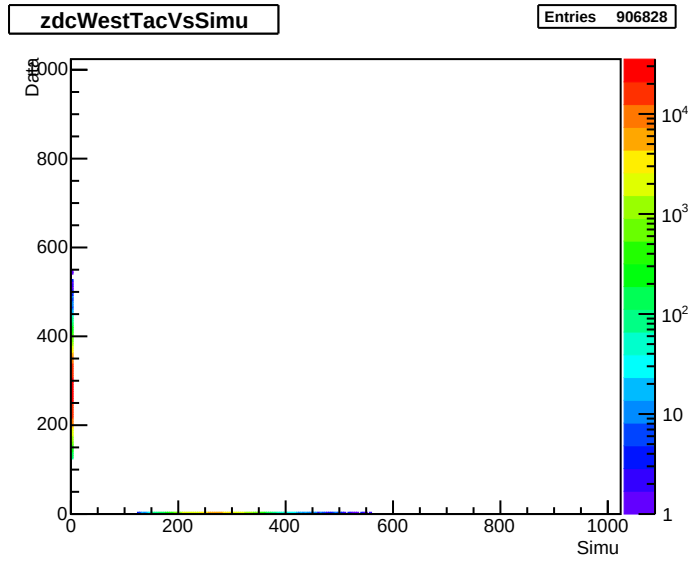

vpdWestTacSum
Entries7086245

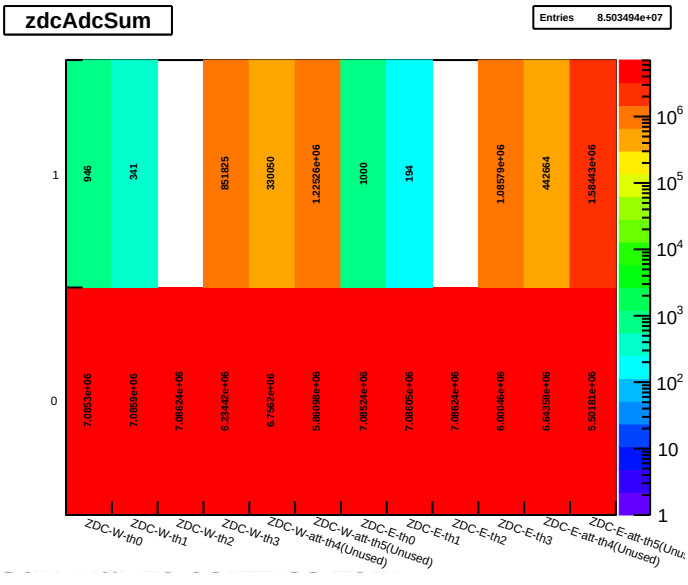

vpdWestTacSumVsSimu
Entries 5474889
Data
Simu

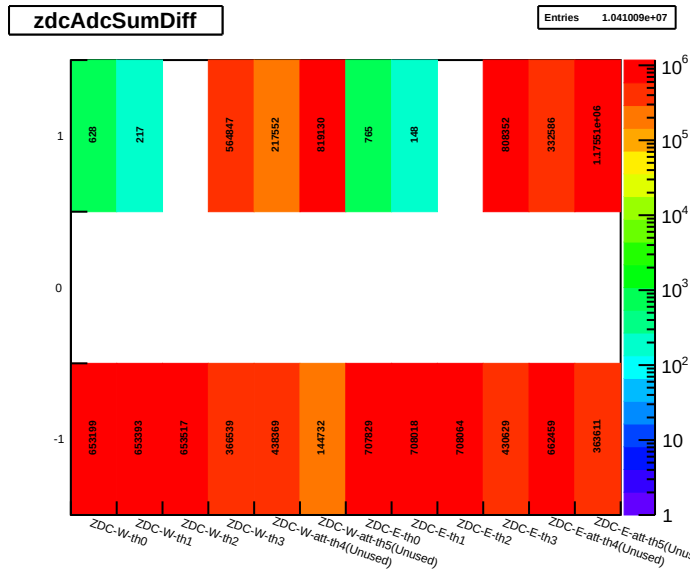

zdcEastTac
Entries7086245

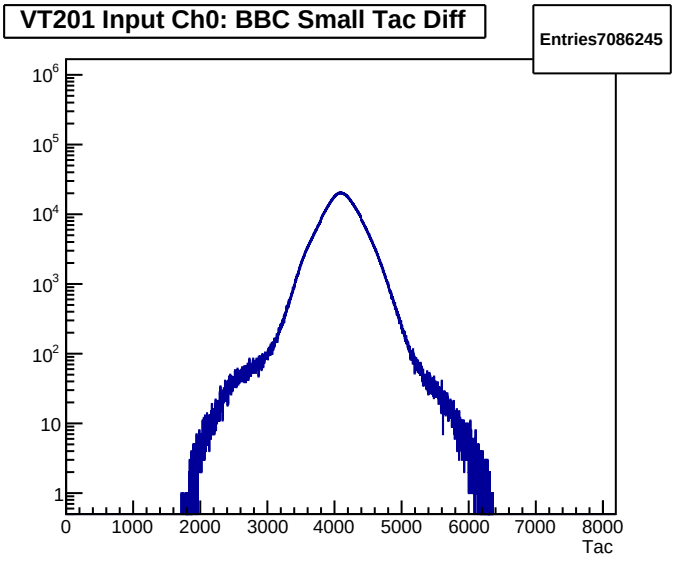

zdcEastTacVsSimu
Entries 1273894
Data
Simu

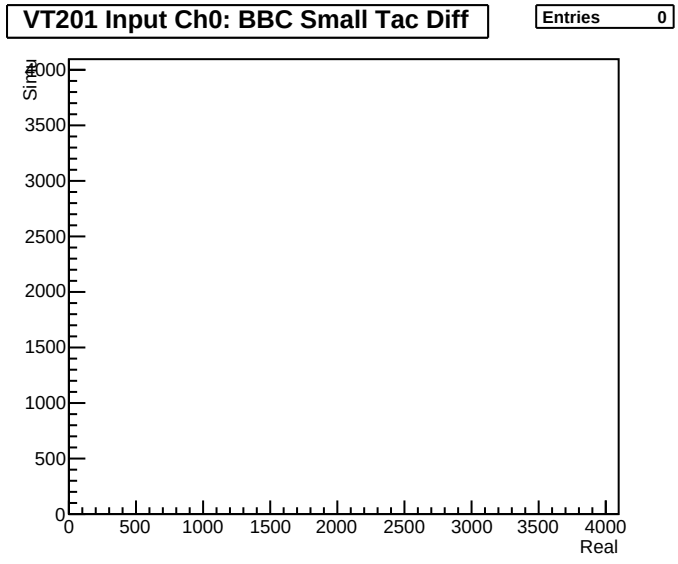

zdcWestTac
Entries7086245

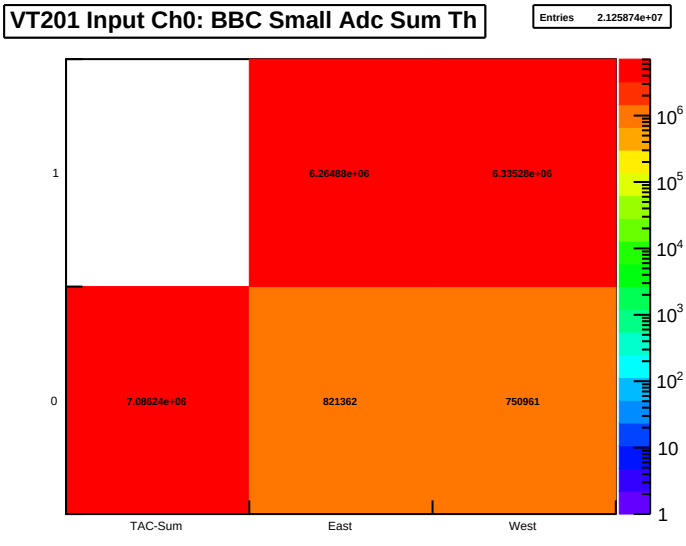

zdcWestTacVsSimu
Entries 906828
Data
Simu

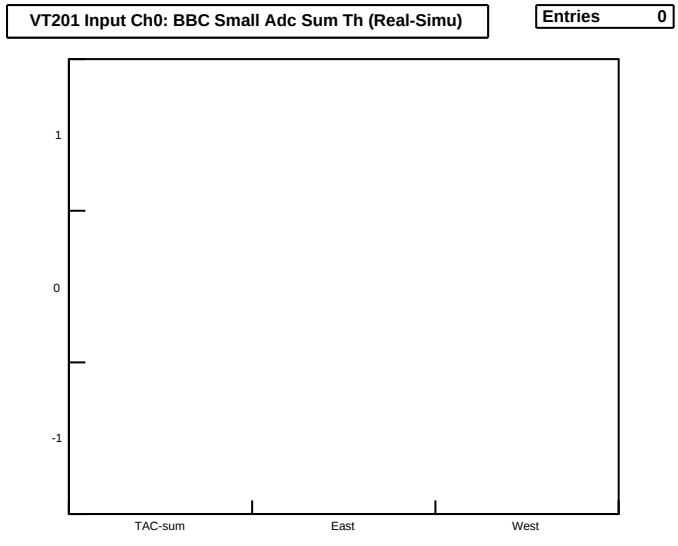

zdcAdcSum
Entries 8.503494e+07
946
341
851825
330050
1.22526e+06
1000
194
1.08579e+06
442664
1.58443e+06
7.0853e+06
7.0859e+06
7.08624e+06
6.23442e+06
6.7562e+06
5.86098e+06
7.08524e+06
7.08605e+06
7.08624e+06
6.00046e+06
6.64358e+06
5.50181e+06
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

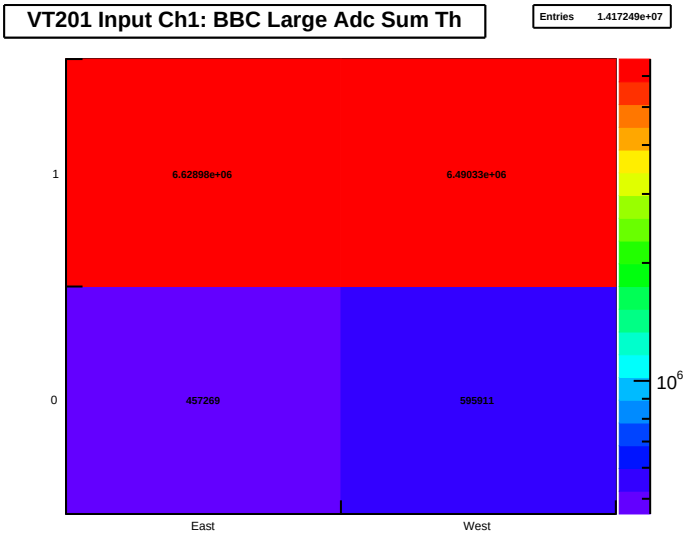

zdcAdcSumDiff
Entries 1.041009e+07
628
217
564847
217552
819130
765
148
808352
332586
1.17561e+06
653199
653393
653517
366539
438369
144732
707829
708018
708064
430629
662459
363611
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

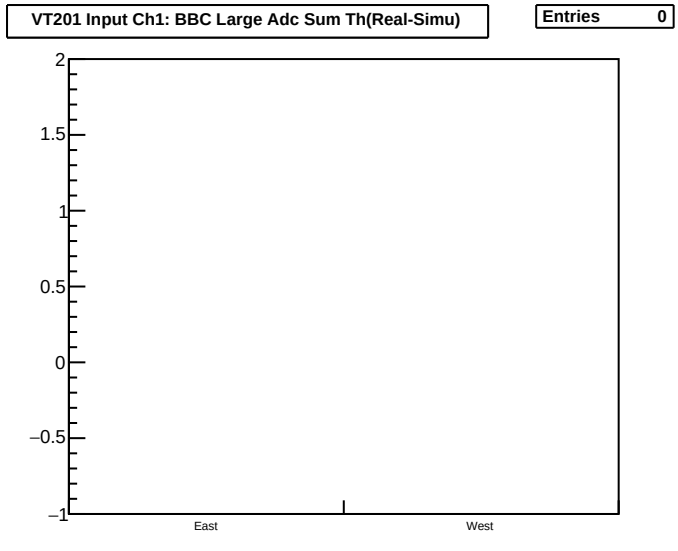

VT201 Input Ch0: BBC Small Tac Diff
Entries7086245
Tac


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

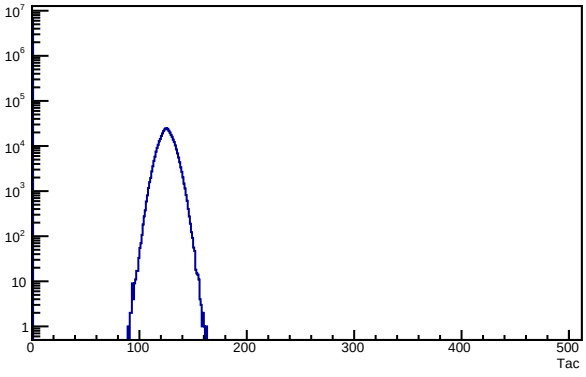

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 2.125874e+07
6.26488e+06
6.33528e+06
7.08624e+06
821362
750961
TAC-Sum
East
West


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

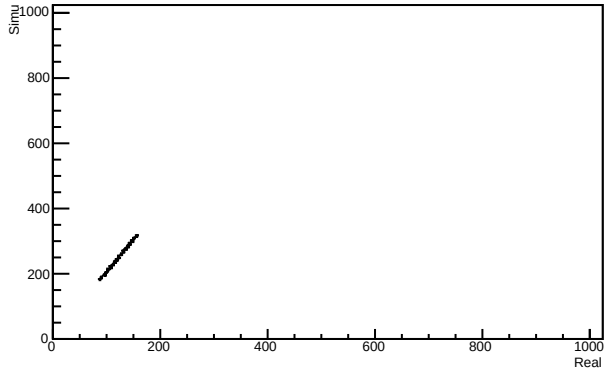

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 1.417249e+07
6.62898e+06
6.49033e+06
457269
595911
East
West


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

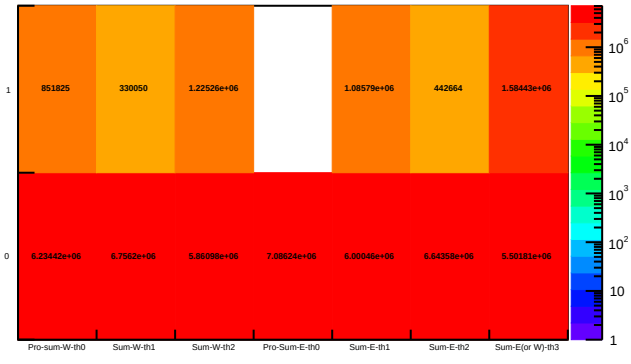
VT201 Input Ch2: ZDC Tac Diff



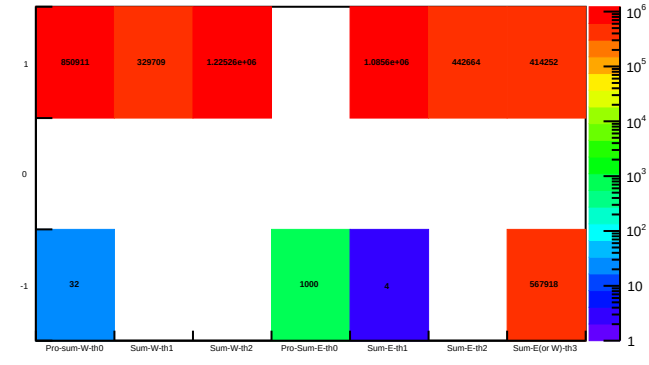
VT201 Input Ch2: ZDC Tac Diff



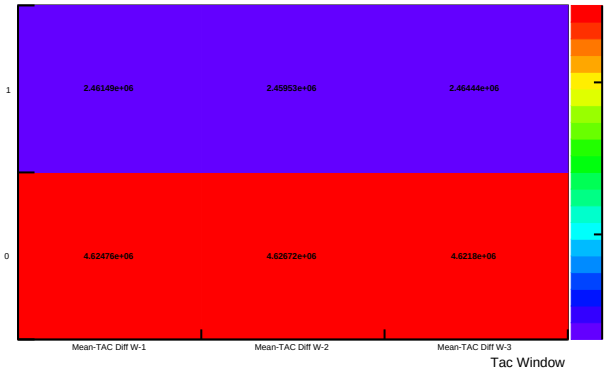
VT201 Input Ch2: ZDC Adc Sum Th



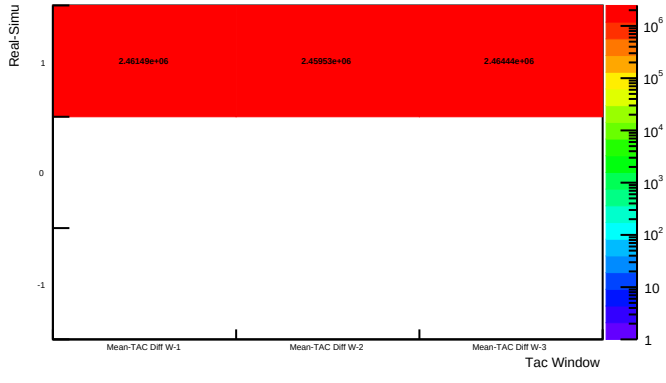
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



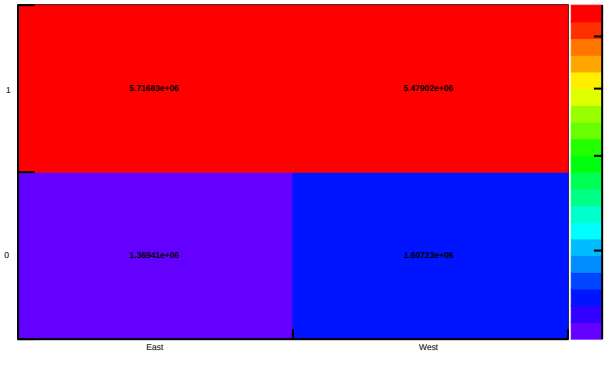
VT201 Input Ch4: VPD Tac Diff



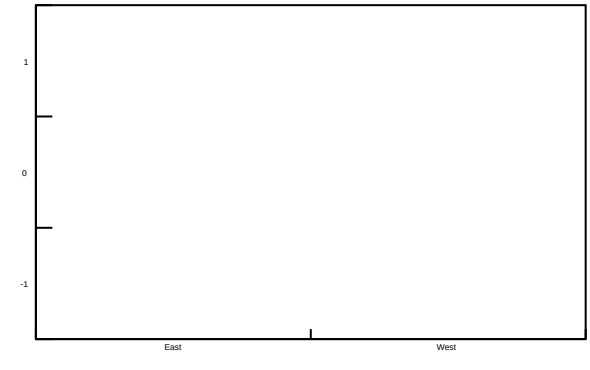
VT201 Input Ch4: VPD Tac Diff

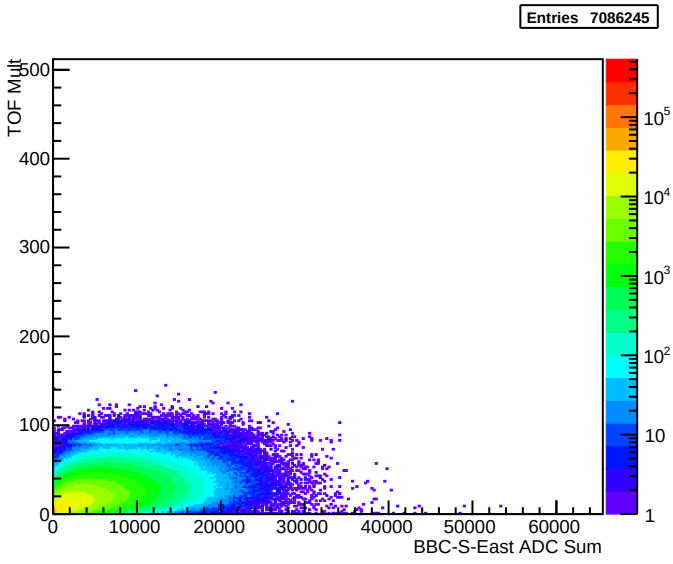


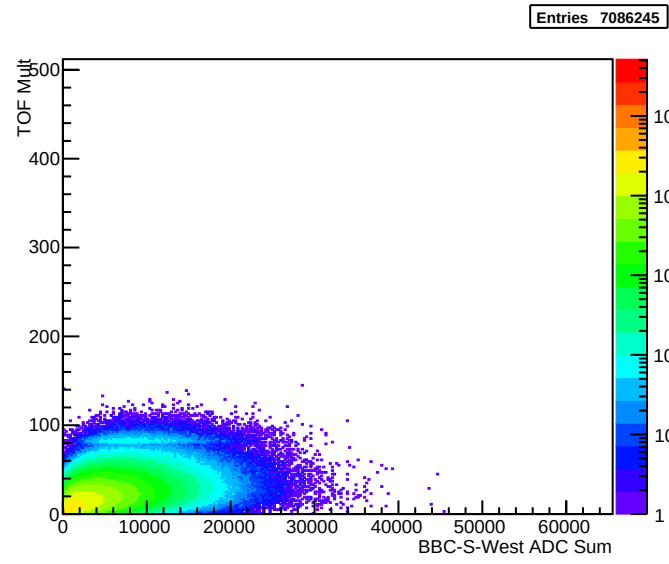
VT201 Input Ch4: VPD Adc Sum Th

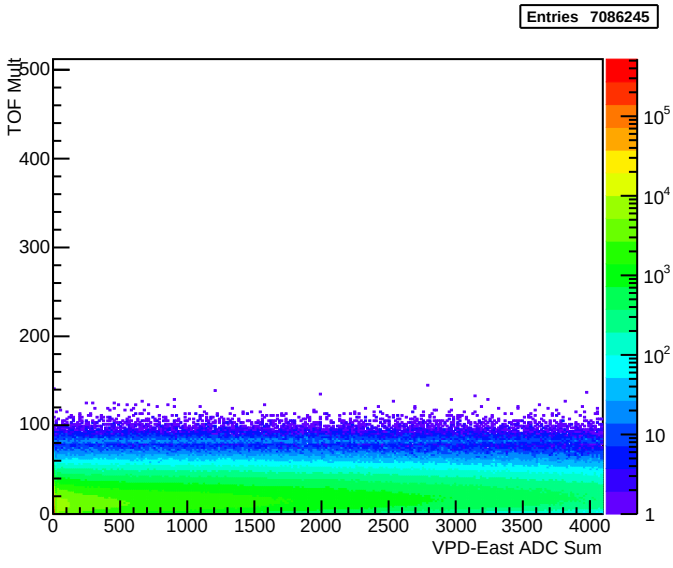


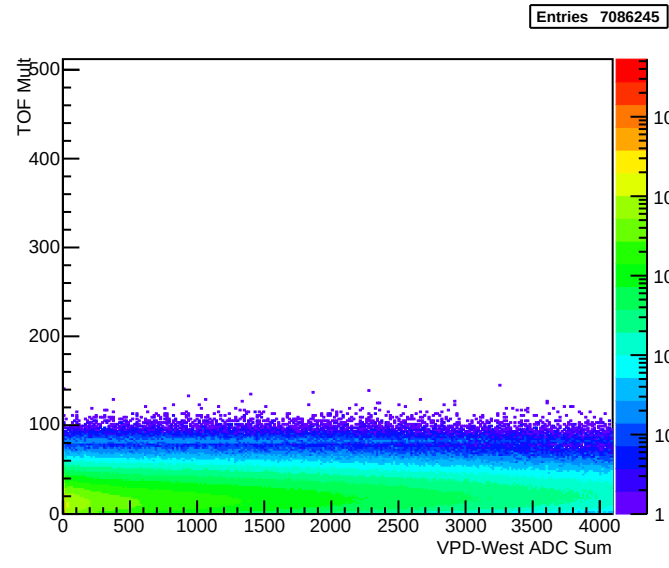
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

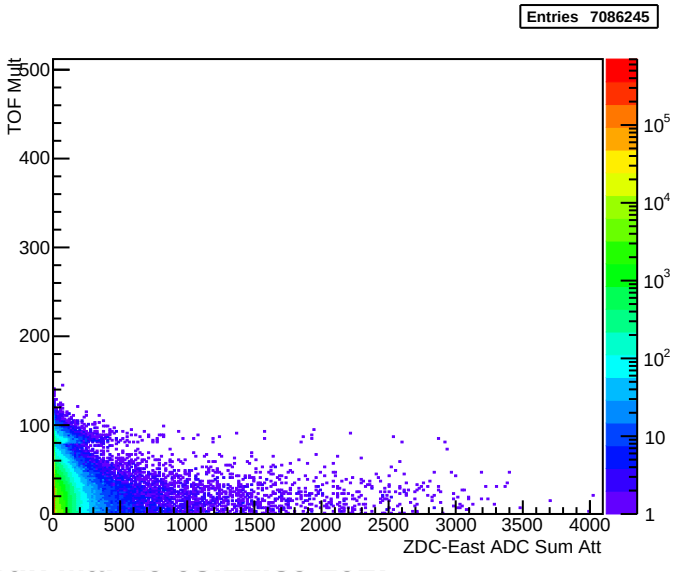


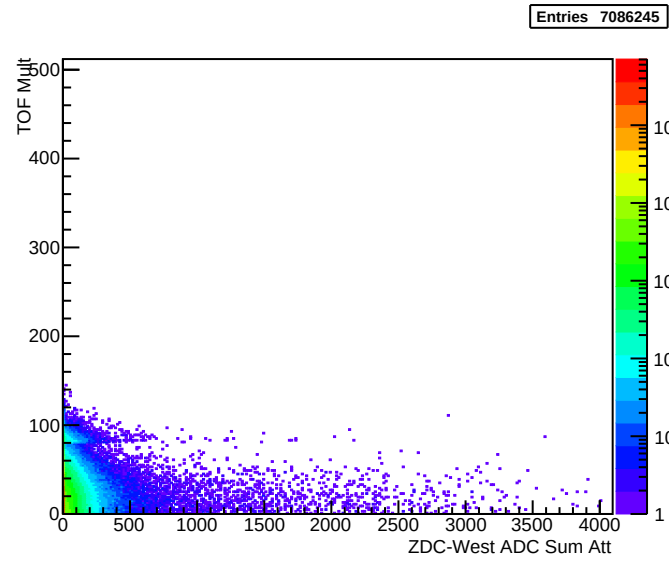

Entries 7086245
TOF Mult
BBC-S-East ADC Sum

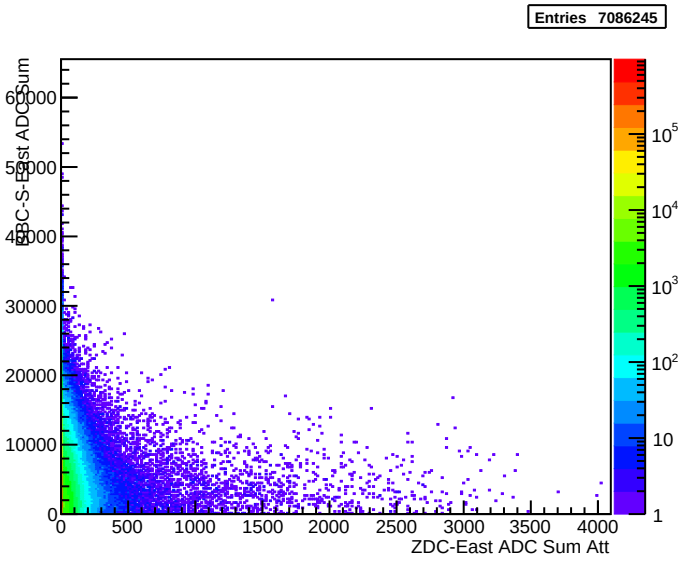

Entries 7086245
TOF Mult
BBC-S-West ADC Sum

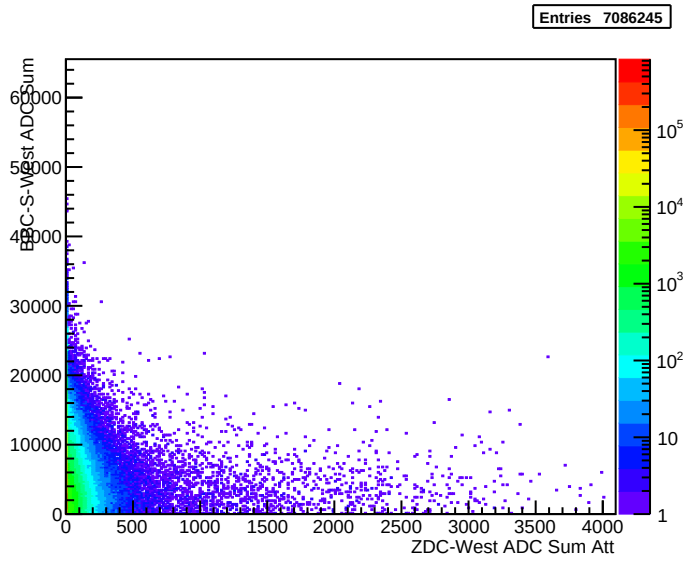

Entries 7086245
TOF Mult
VPD-East ADC Sum

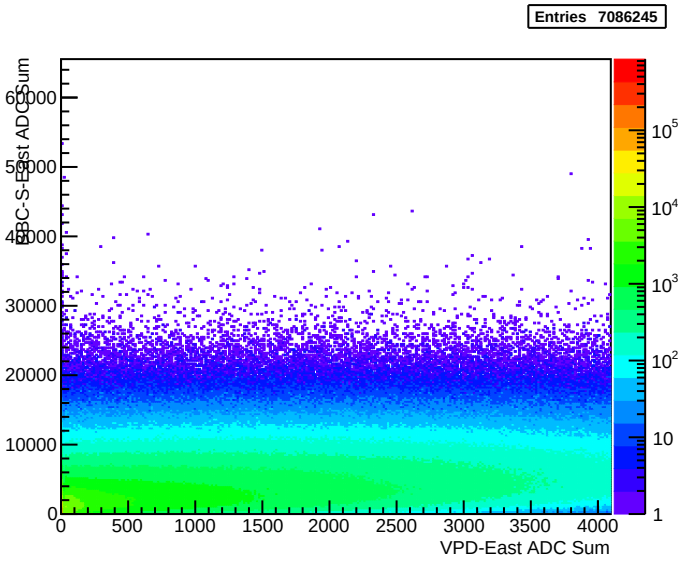

Entries 7086245
TOF Mult
VPD-West ADC Sum

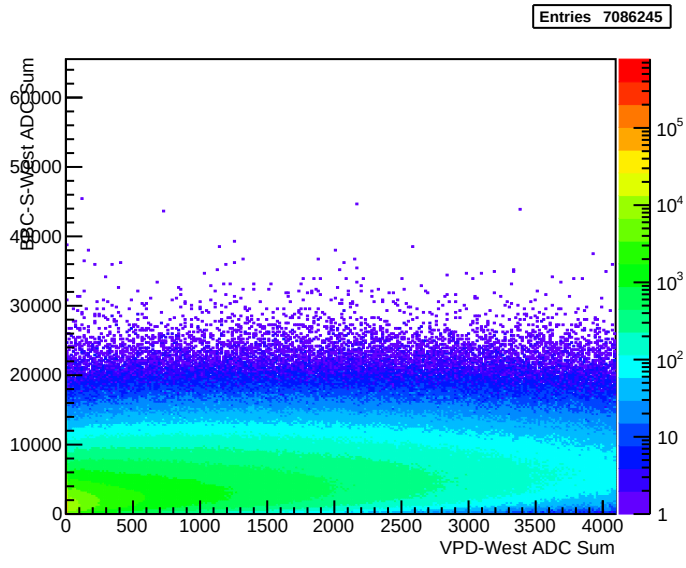

Entries 7086245
TOF Mult
ZDC-East ADC Sum Att

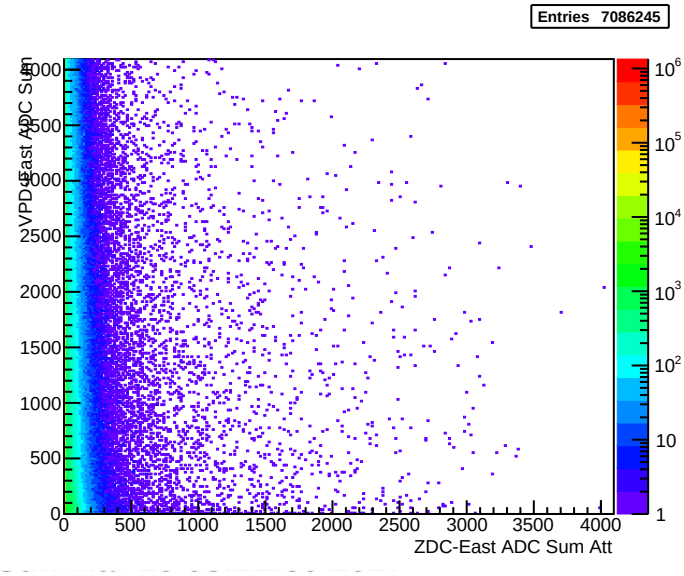

Entries 7086245
TOF Mult
ZDC-West ADC Sum Att

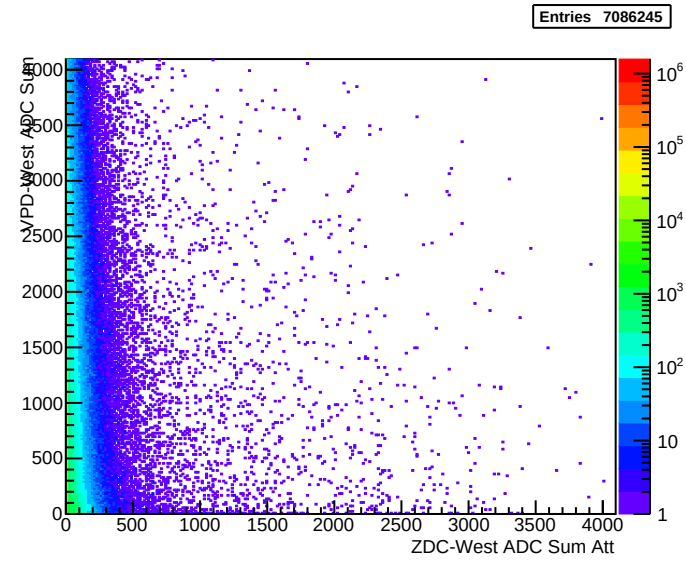

Entries 7086245
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

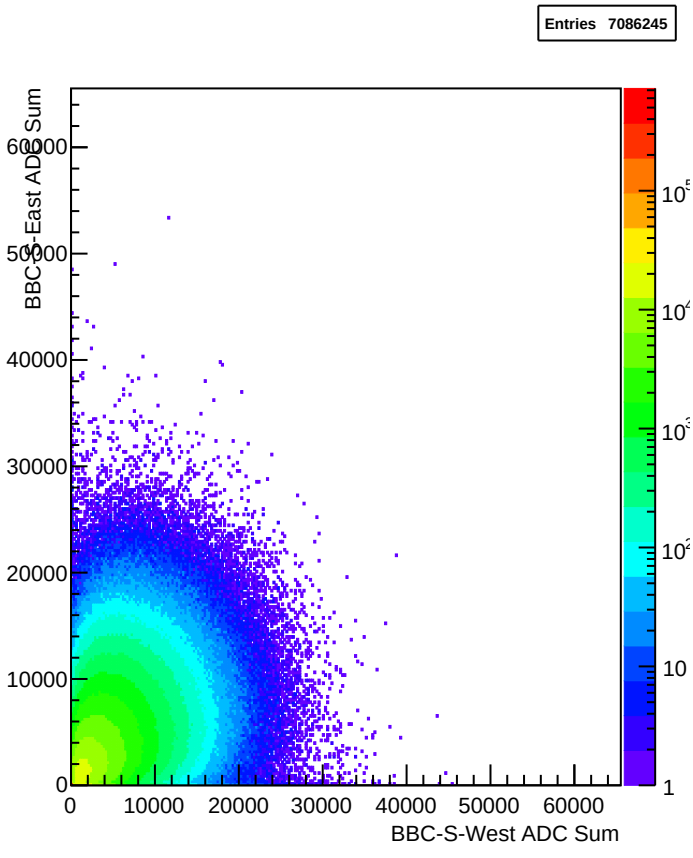

Entries 7086245
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

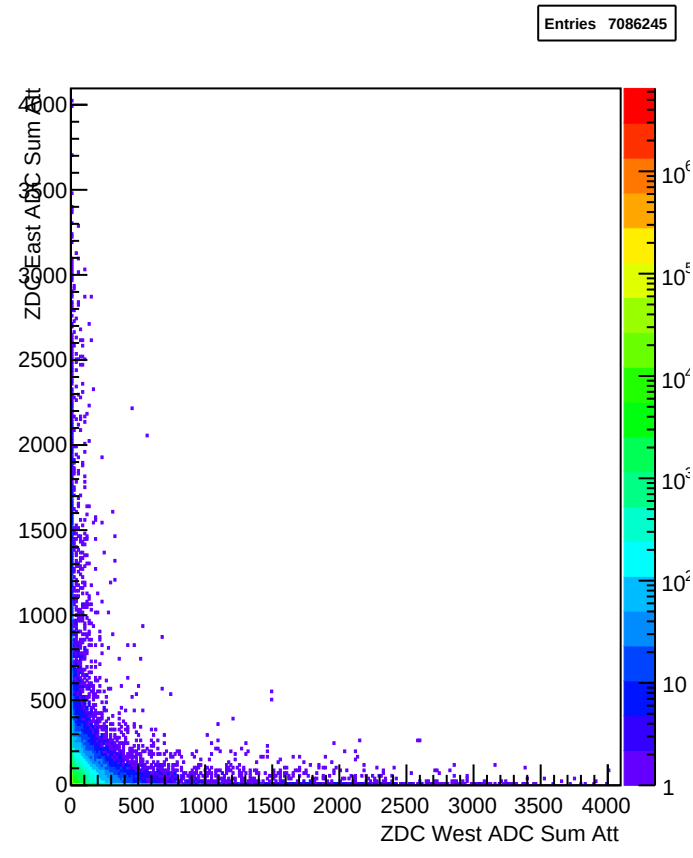

Entries 7086245
BBC-S-East ADC Sum
VPD-East ADC Sum

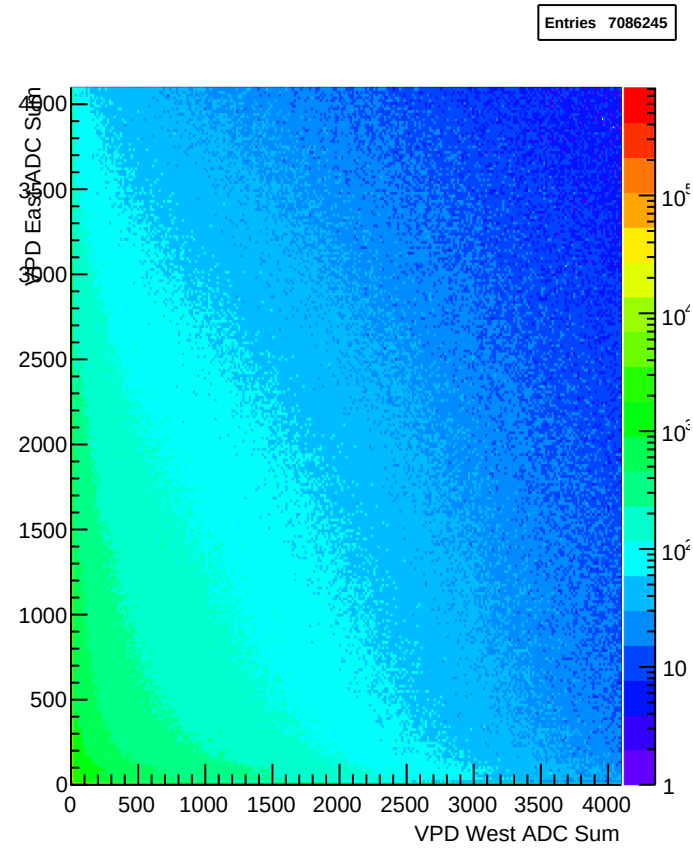

Entries 7086245
BBC-S-West ADC Sum
VPD-West ADC Sum

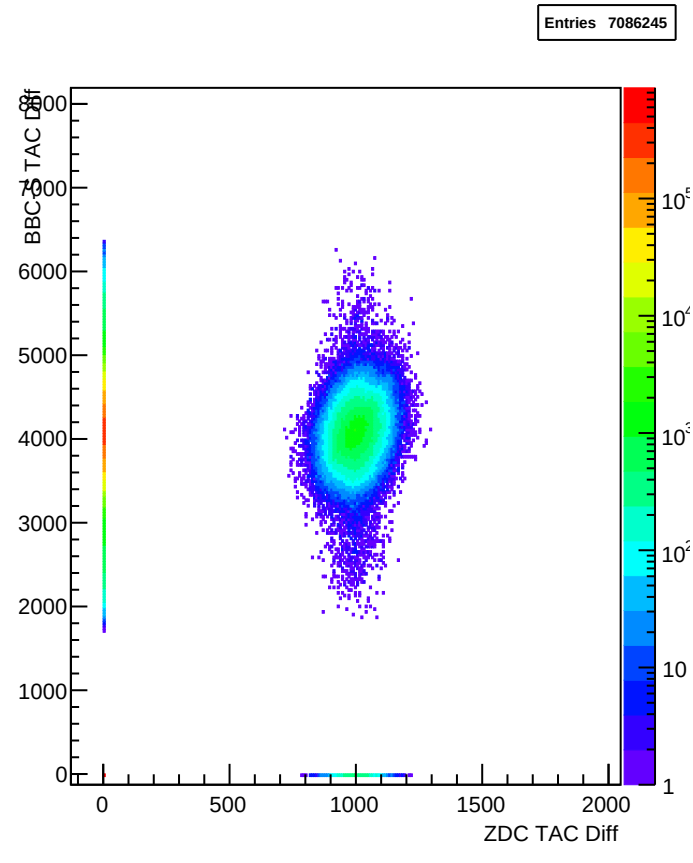

Entries 7086245
VPD-East ADC Sum
ZDC-East ADC Sum Att

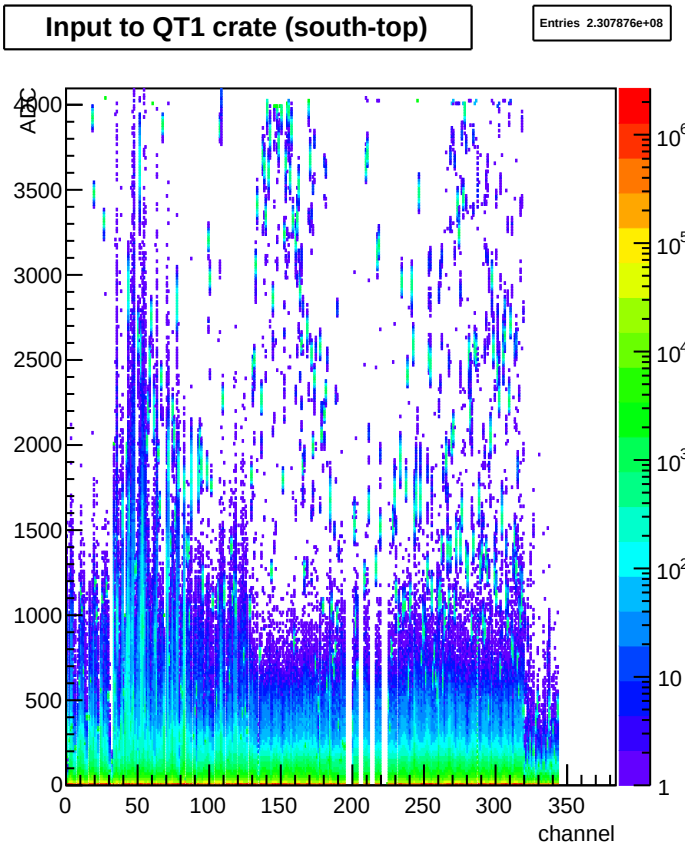

Entries 7086245
VPD-West ADC Sum
ZDC-West ADC Sum Att

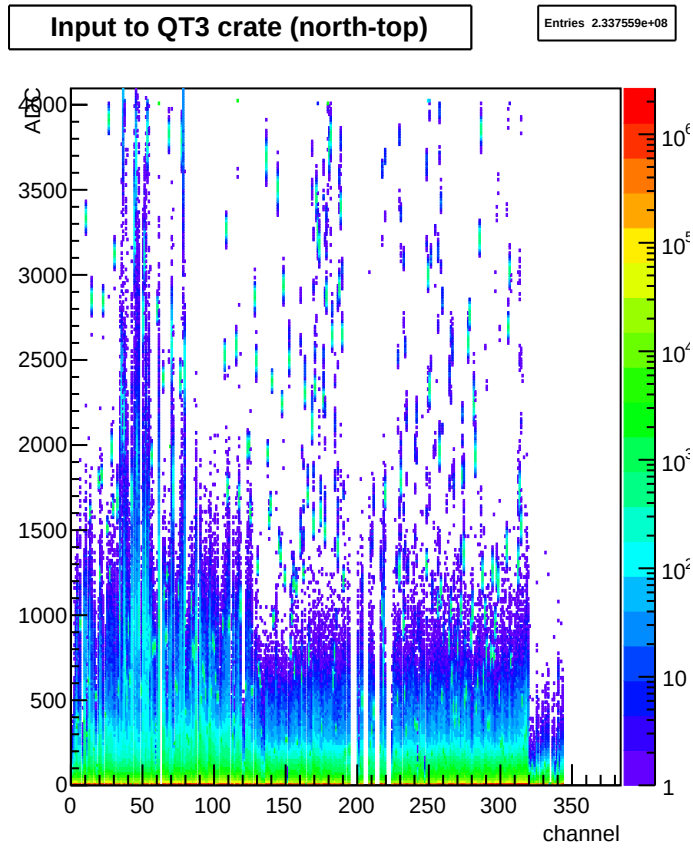

Entries 7086245
BBC-S-East ADC Sum
BBC-S-West ADC Sum

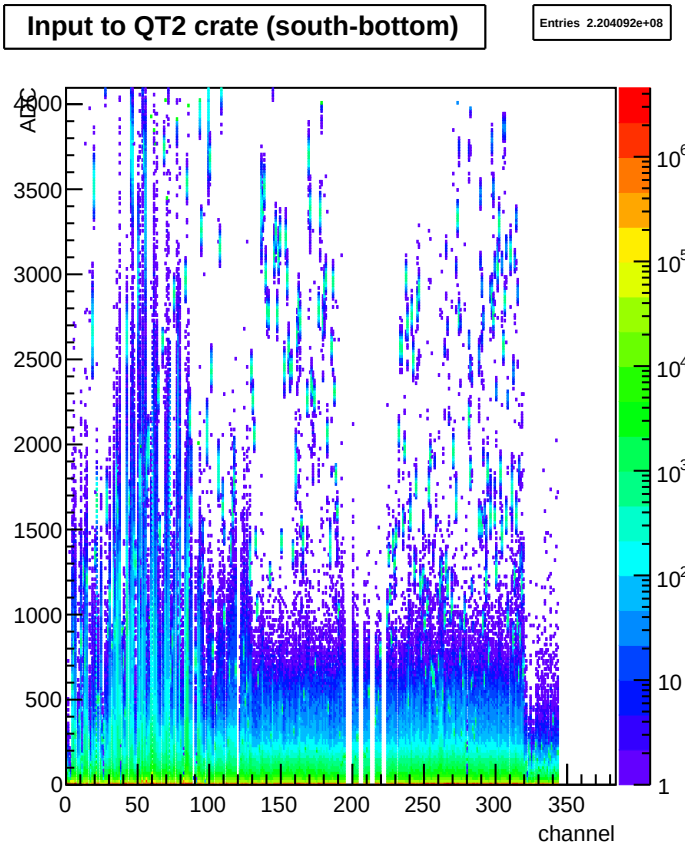

Entries 7086245
ZDC East ADC Sum Att
ZDC West ADC Sum Att

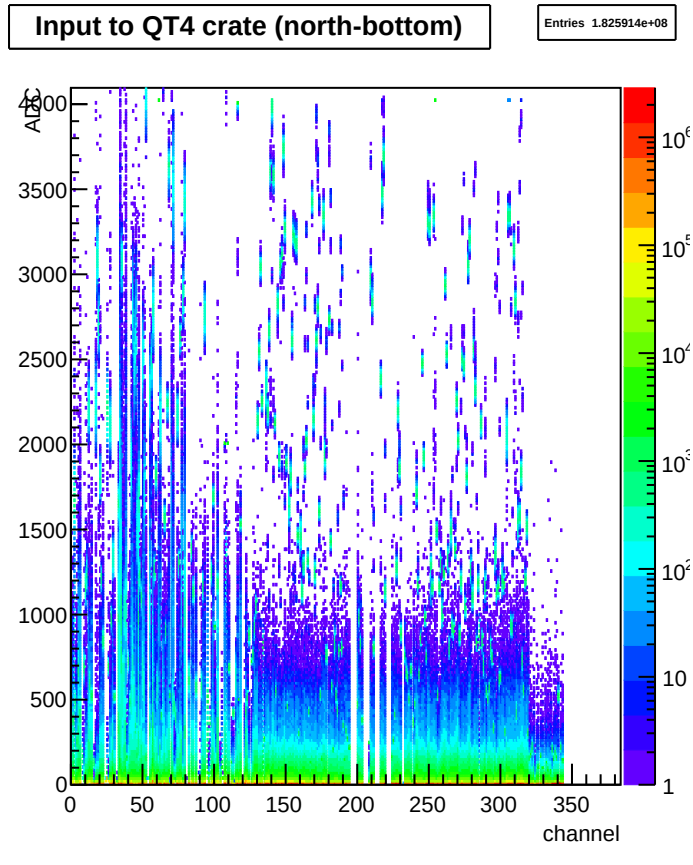

Entries 7086245
VPD East ADC Sum
VPD West ADC Sum

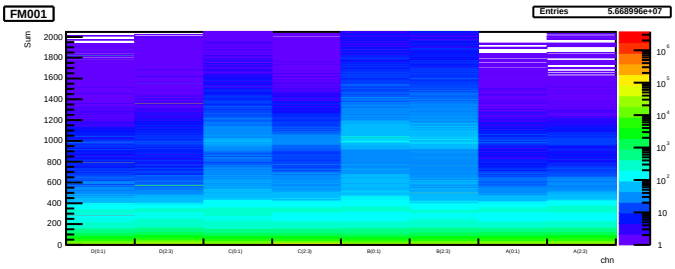

Entries 7086245
BBC-S TAC Diff
ZDC TAC Diff

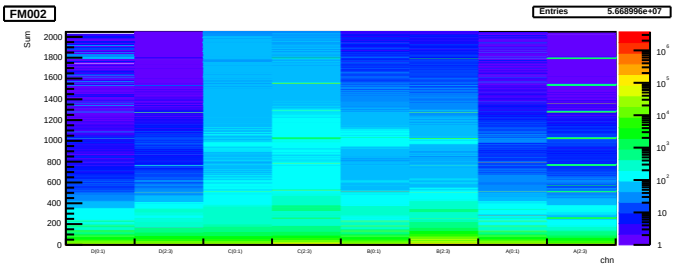

Input to QT1 crate (south-top)
Entries 2.307876e+08
ADC
channel

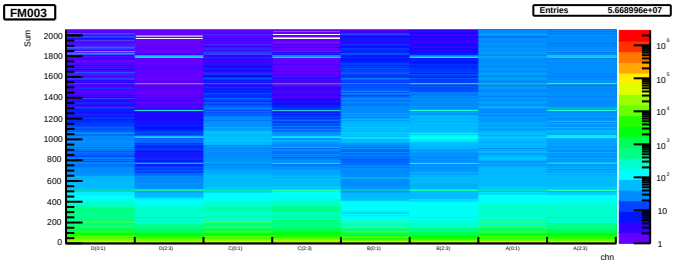

Input to QT3 crate (north-top)
Entries 2.337559e+08
ADC
channel

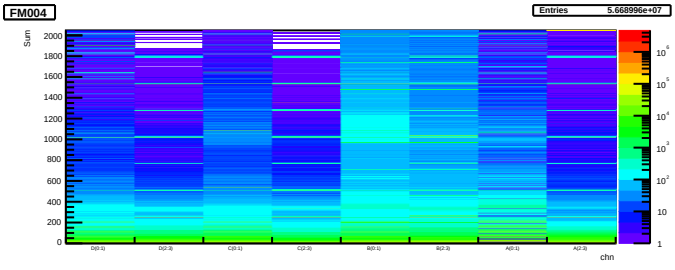

Input to QT2 crate (south-bottom)
Entries 2.204092e+08
ADC
channel


Input to QT4 crate (north-bottom)
Entries 1.825914e+08
ADC
channel


FM001
Entries 5.668996e+07
Sum
chn


FM002
Entries 5.668996e+07
Sum
chn


FM003
Entries 5.668996e+07
Sum
chn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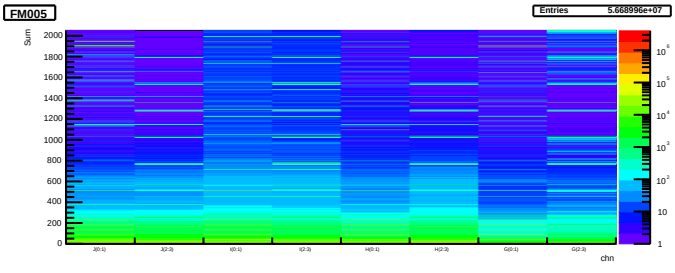
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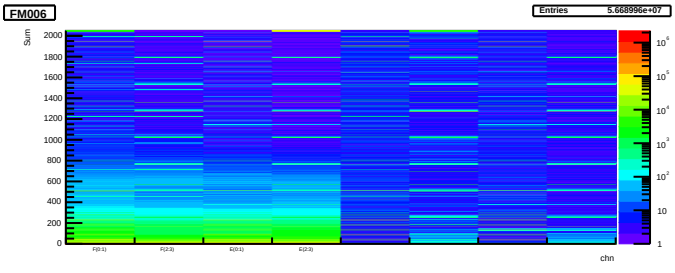
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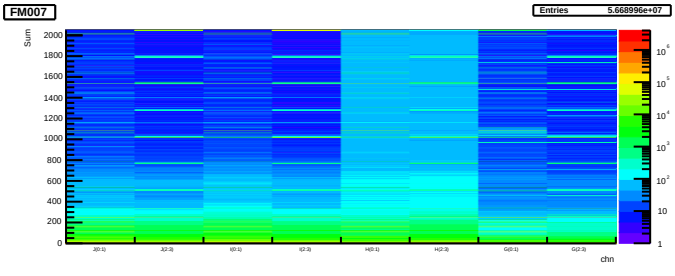
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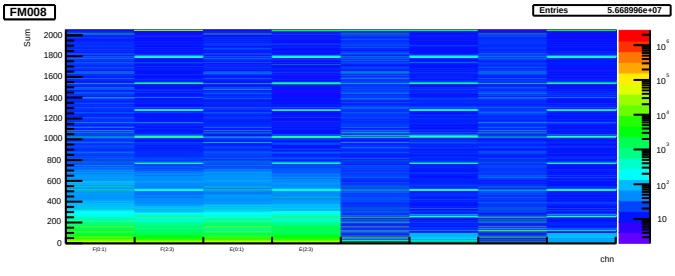
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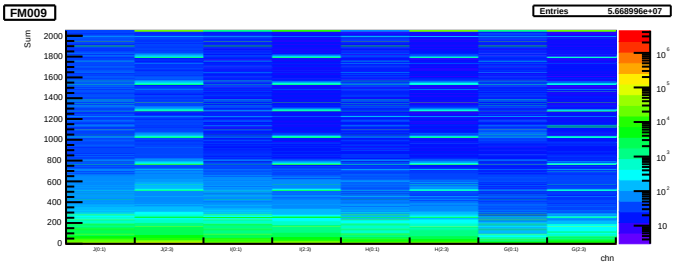
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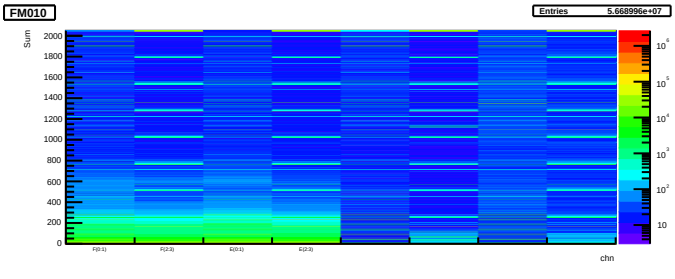
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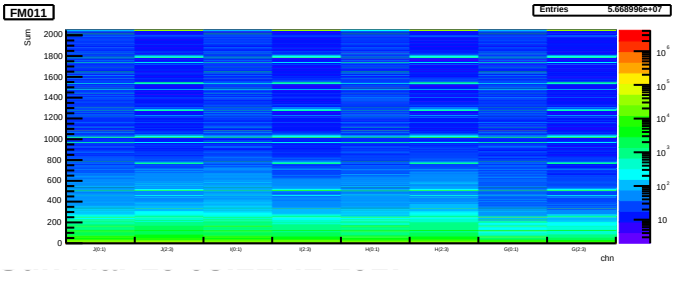
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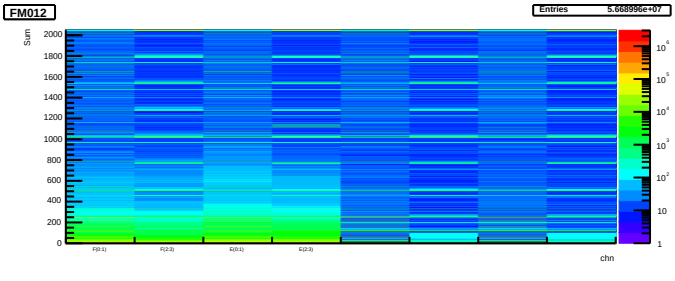
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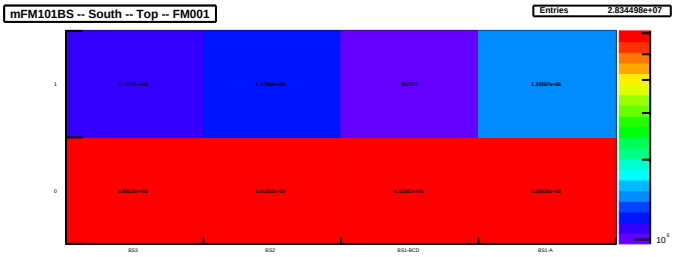
mFM101BS -- South -- Top -- FM001
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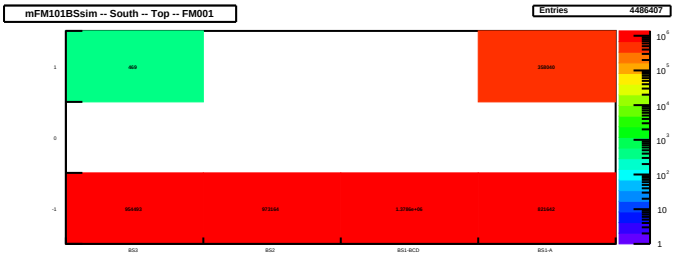
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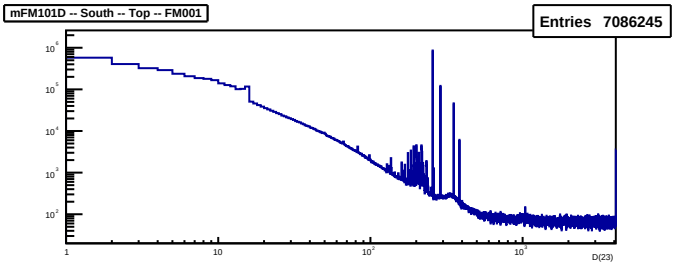
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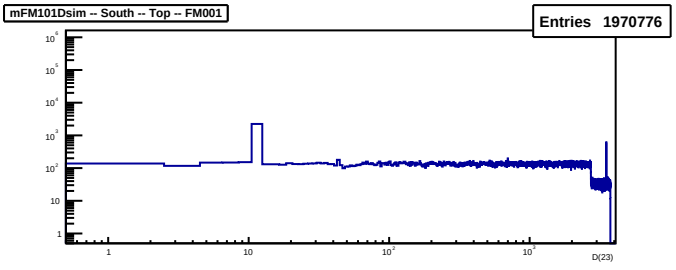
Entries 7086245
D(23)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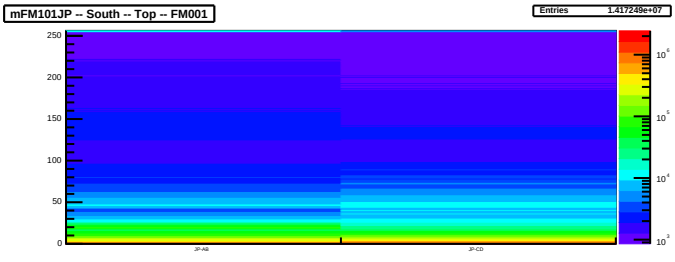
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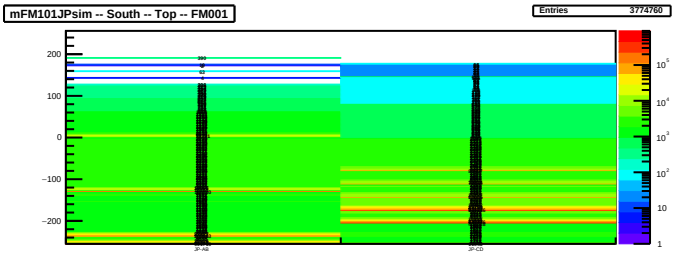
Entries 1.417249e+07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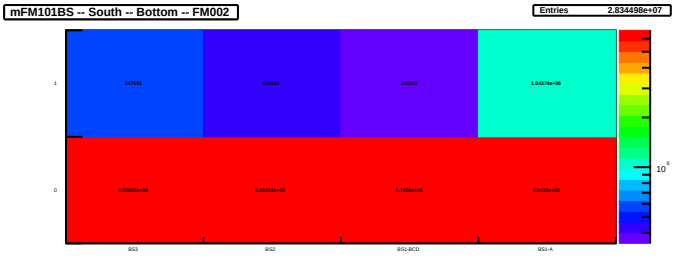
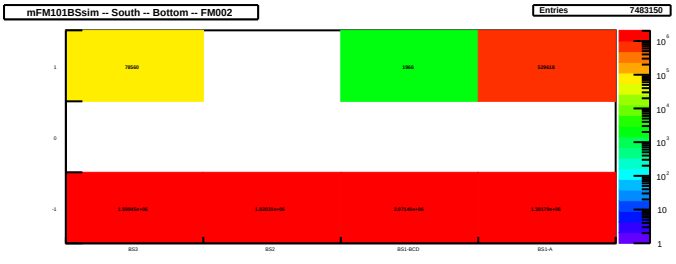

mFM101BS -- South -- Bottom -- FM002
Entries 2.834498e+07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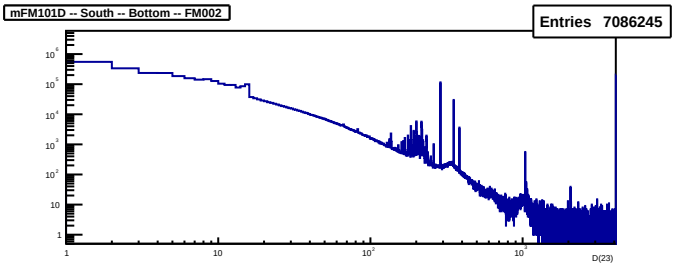
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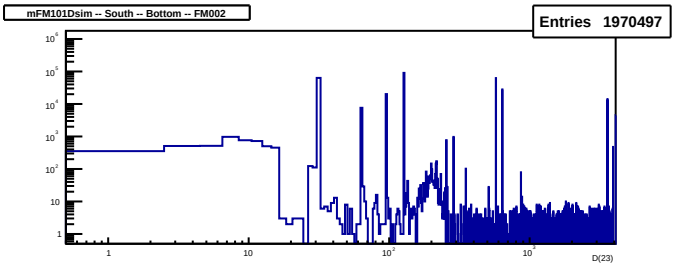
Entries 7086245
D(23)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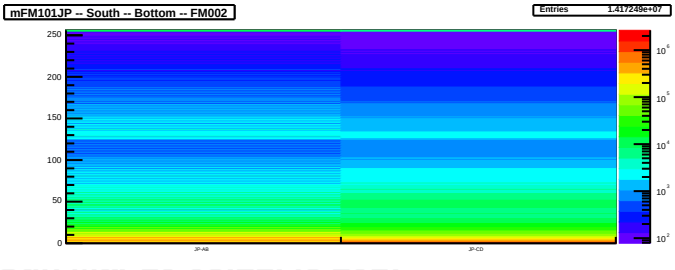
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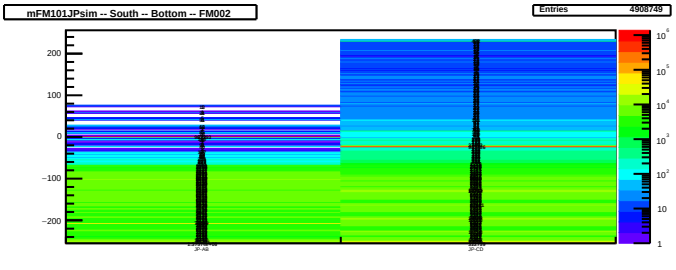
Entries 1.417249e+07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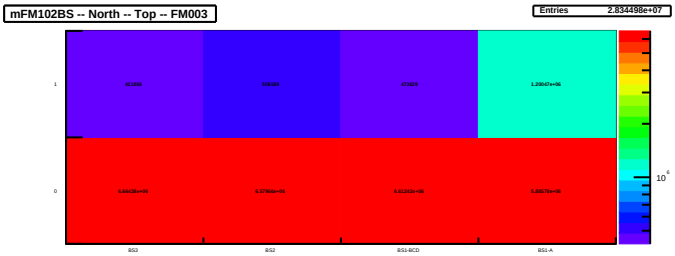
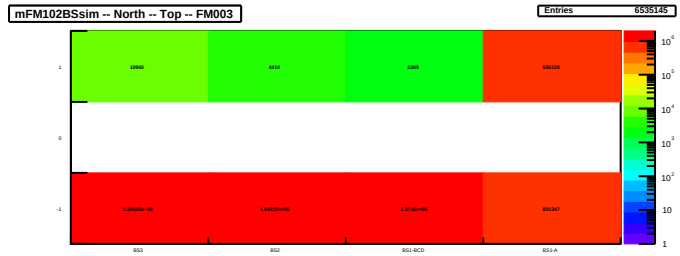

mFM102BS -- North -- Top -- FM003
Entries 2.834498e+07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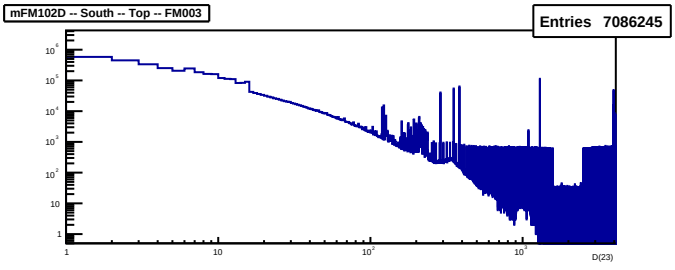
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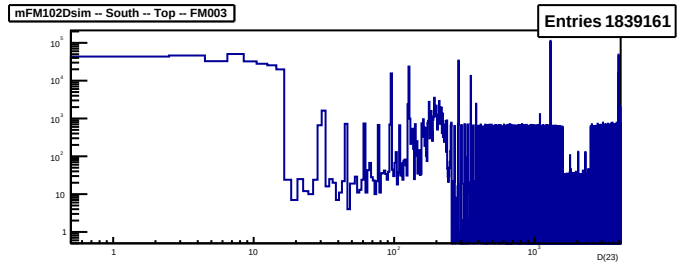
D(23)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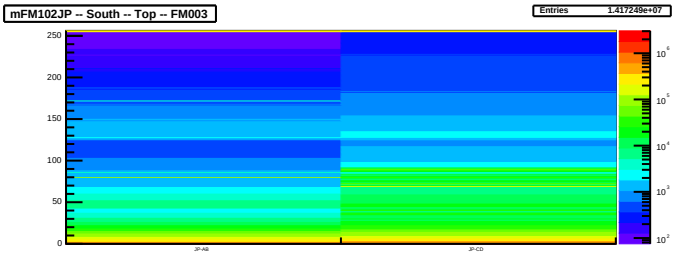
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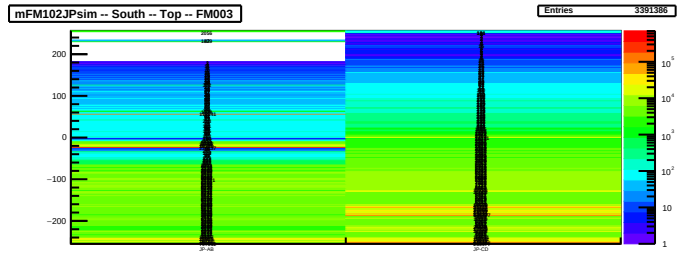
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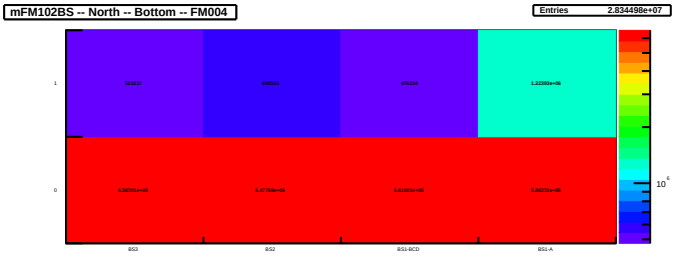
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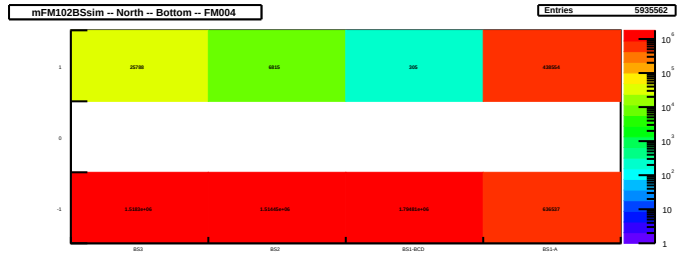
Entries 2.834498e+07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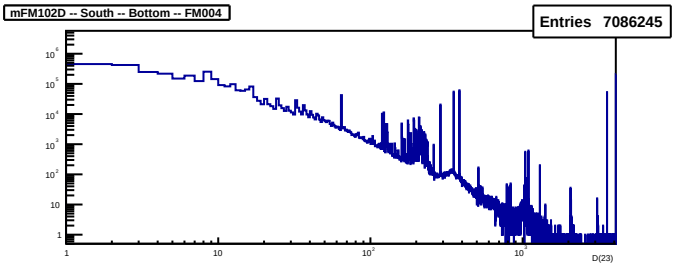
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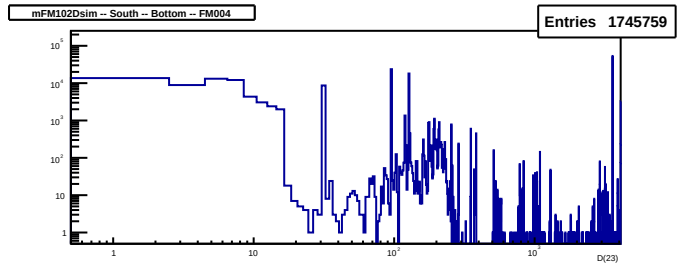
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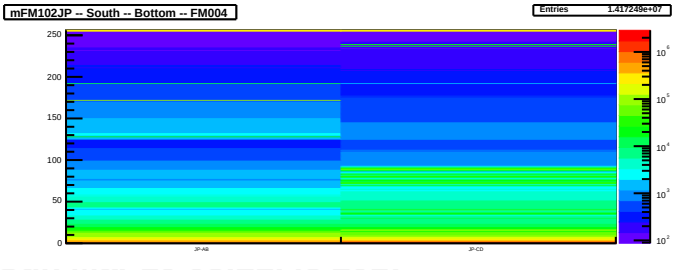
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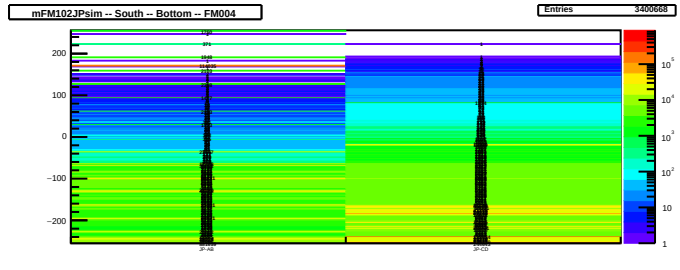
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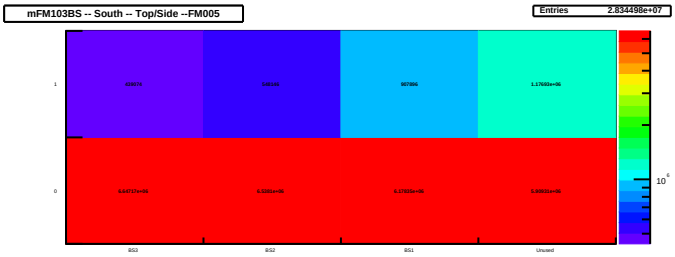
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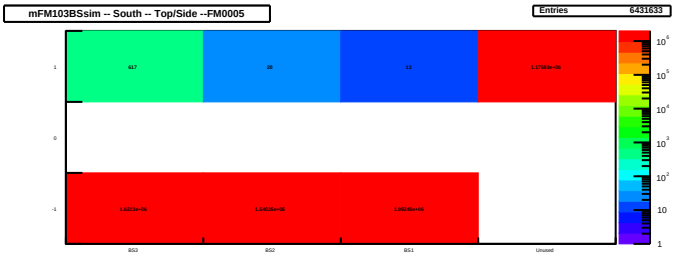
Entries 2.834498e+07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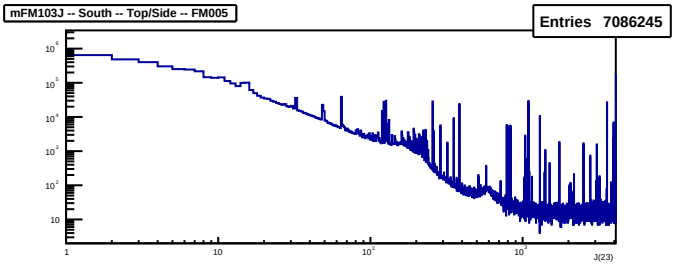
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Entries 7086245
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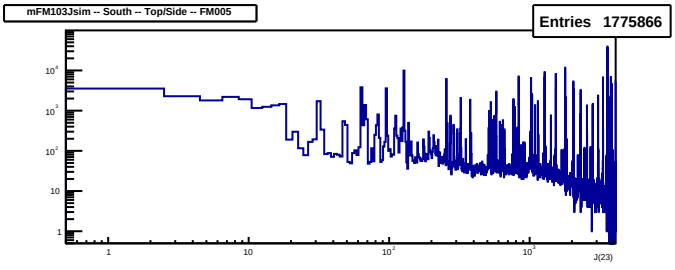
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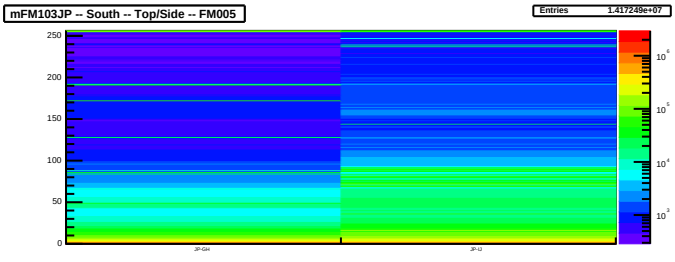
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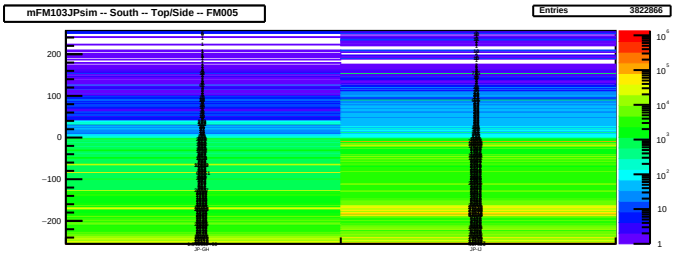
Entries 1.417249e+07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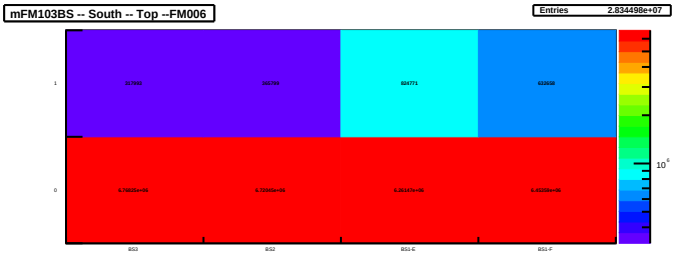
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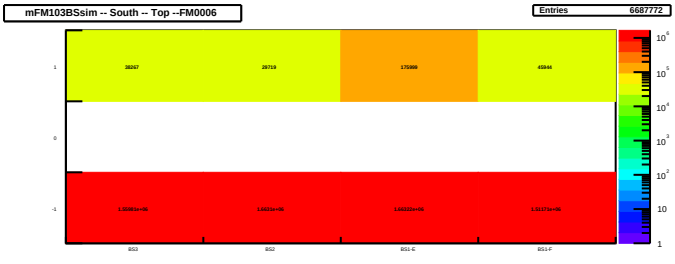
Entries 2.834498e+07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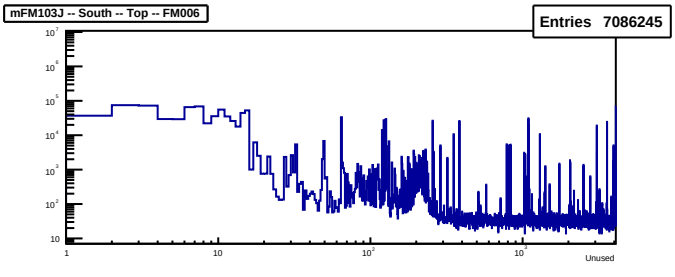
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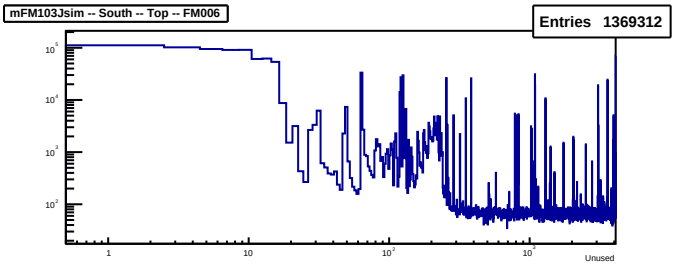
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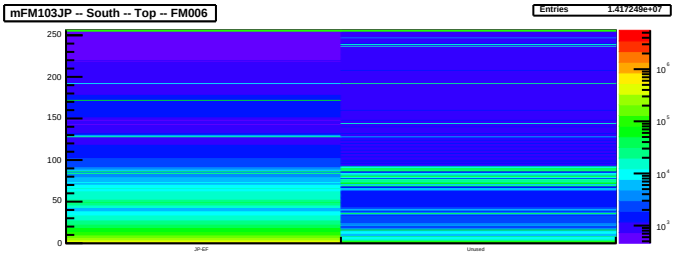
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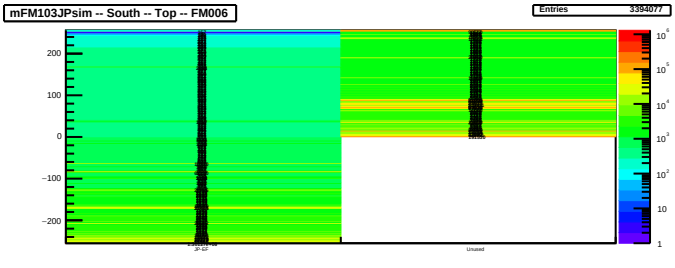
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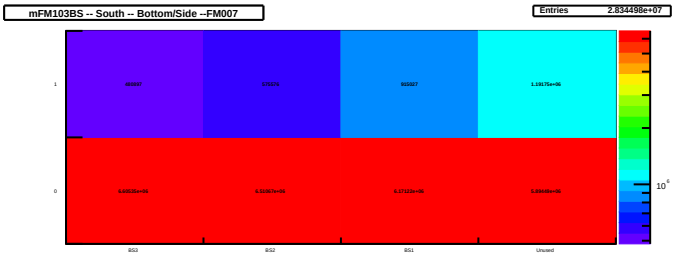
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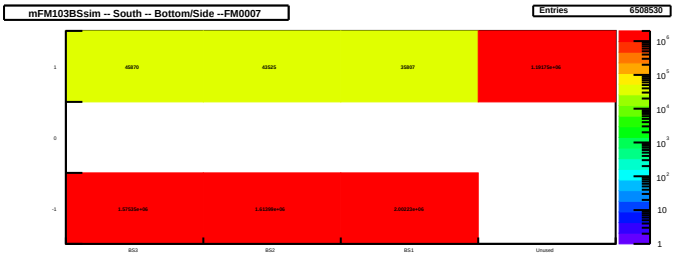
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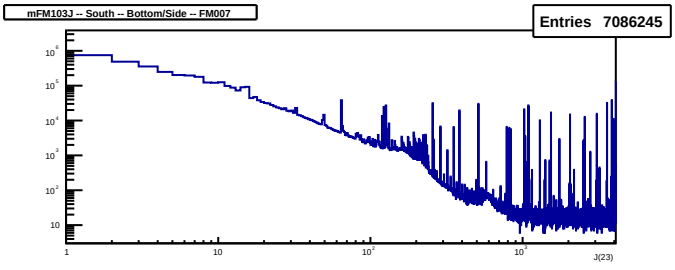
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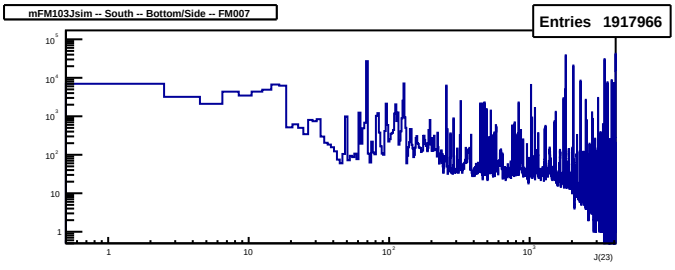
J(23)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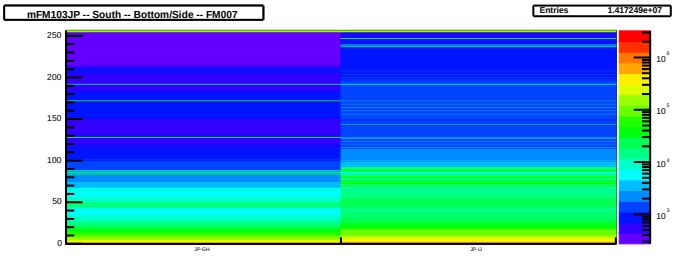
J(23)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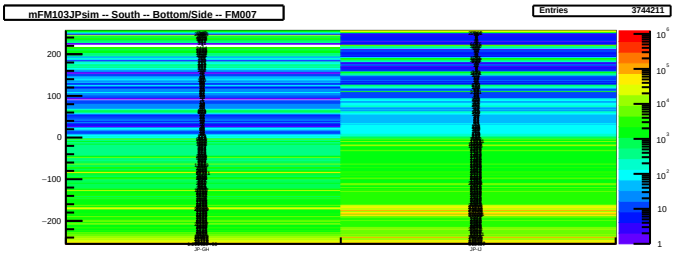
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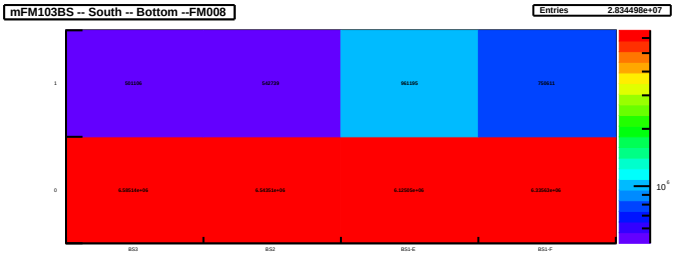
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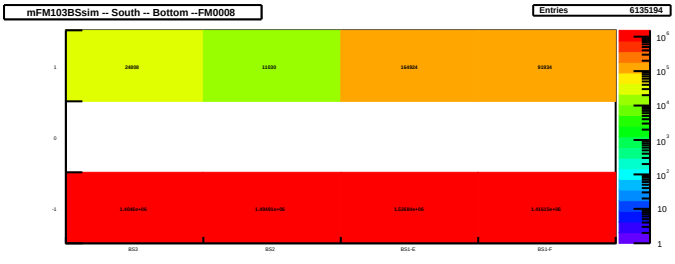
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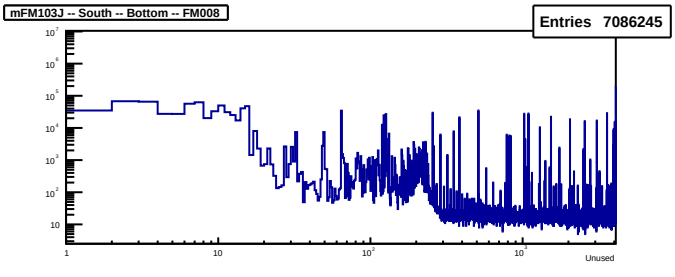
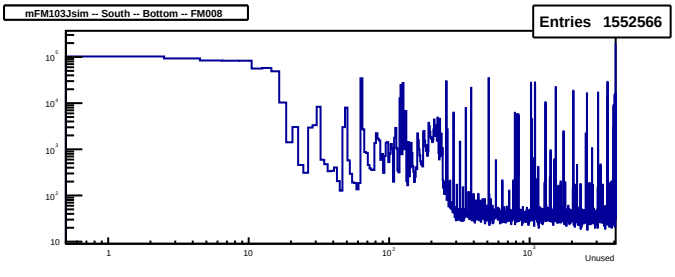
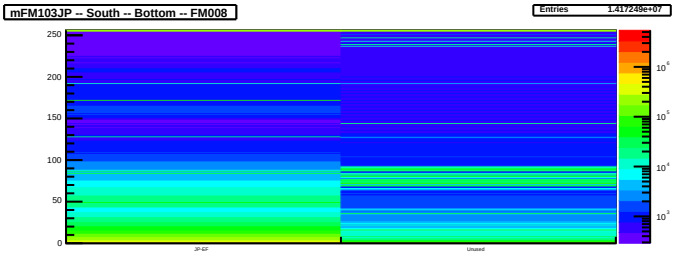
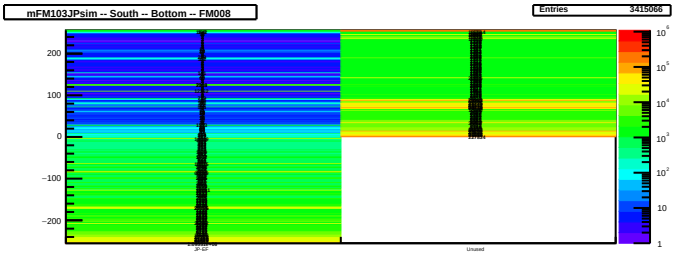
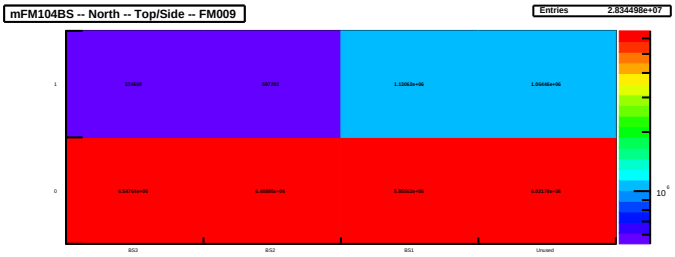
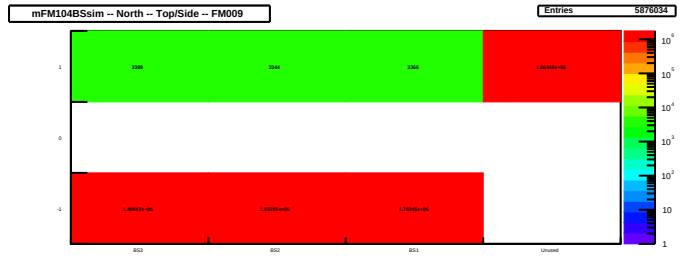

mFM103J -- South -- Bottom -- FM008
Entries 7086245
Unused

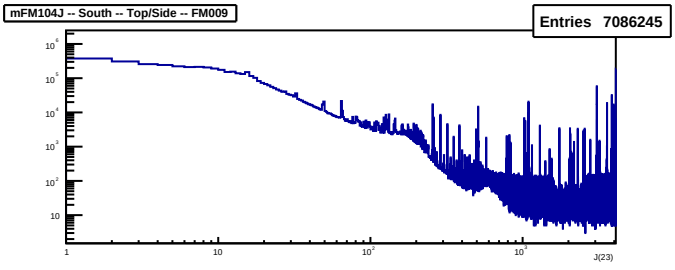

mFM103Jsim -- South -- Bottom -- FM008
Entries 1552566
Unused

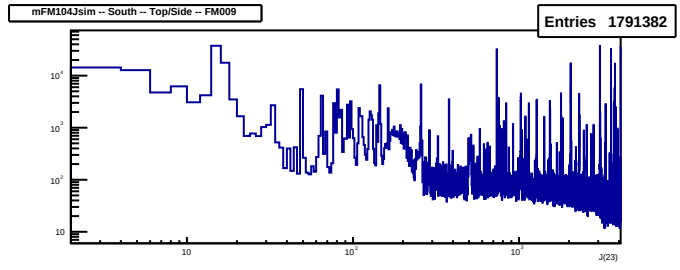

mFM103JP -- South -- Bottom -- FM008
Entries 1.417249e+07

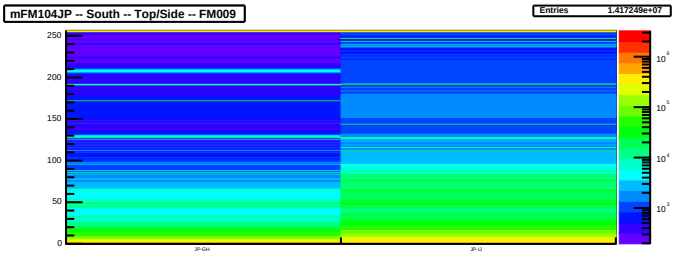

mFM103JPsim -- South -- Bottom -- FM008
Entries 3415066

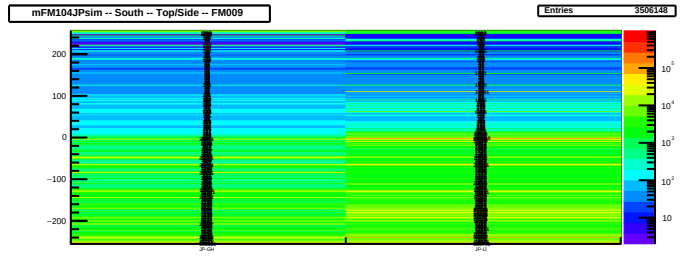

mFM104BS -- North -- Top/Side -- FM009
Entries 2.834498e+07
BS3
BS2
BS1
Unused


mFM104BSsim -- North -- Top/Side -- FM009
Entries 5876034
BS3
BS2
BS1
Unused


mFM104J -- South -- Top/Side -- FM009
Entries 7086245
J(23)


mFM104Jsim -- South -- Top/Side -- FM009
Entries 1791382
J(23)


mFM104JP -- South -- Top/Side -- FM009
Entries 1.417249e+07
JP-G4
JP-I2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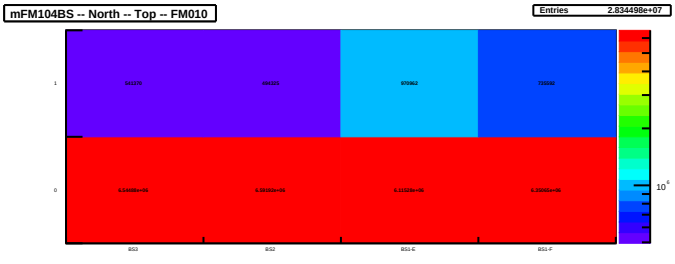
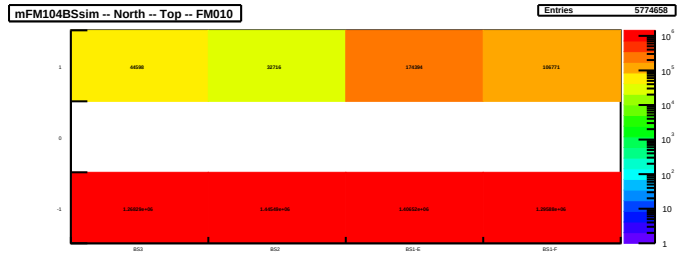
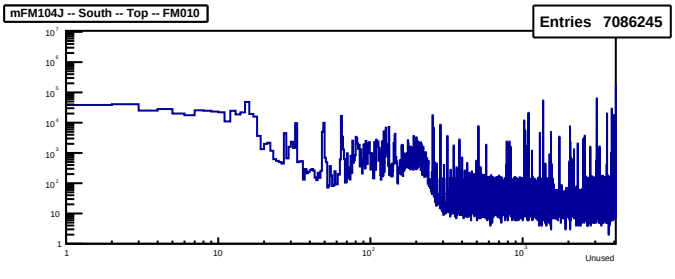
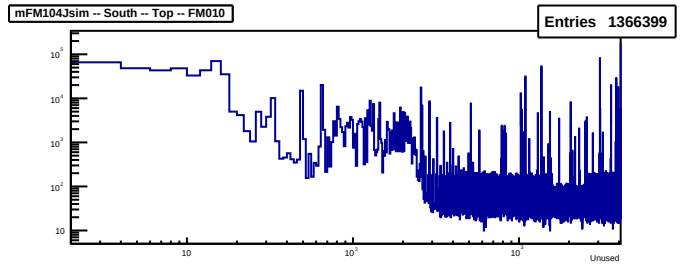
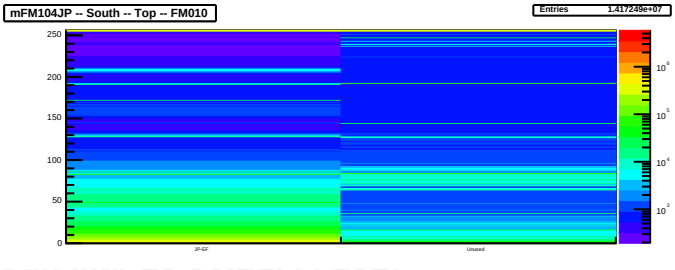
Entries 3506148
JP-G4
JP-I2

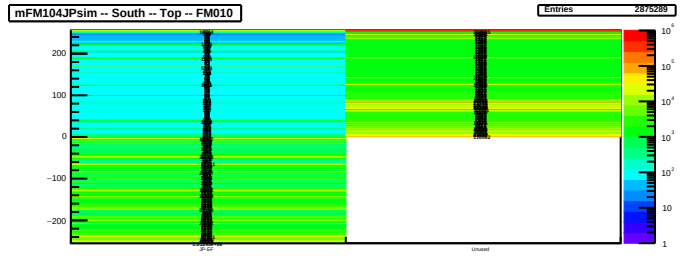

mFM104BS -- North -- Top -- FM010
Entries 2.834498e+07
BS3
BS2
BS1-E
BS1-F

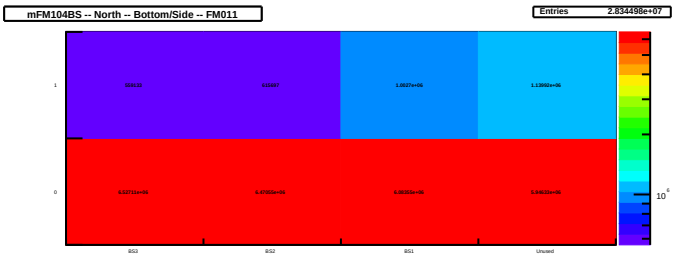

mFM104BSsim -- North -- Top -- FM010
Entries 5774658
BS3
BS2
BS1-E
BS1-F

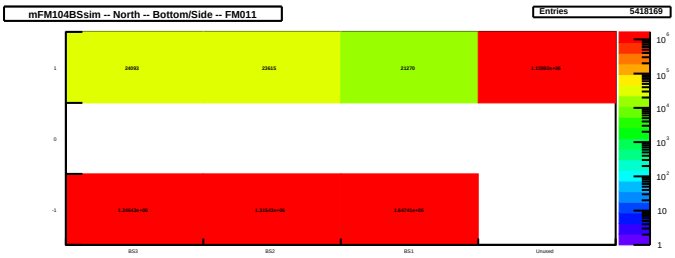

mFM104J -- South -- Top -- FM010
Entries 7086245
Unused

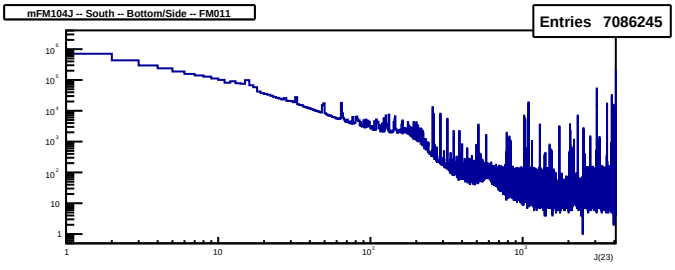

mFM104Jsim -- South -- Top -- FM010
Entries 1366399
Unused

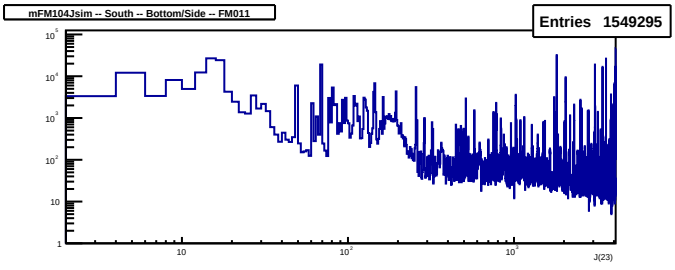

mFM104JP -- South -- Top -- FM010
Entries 1.417249e+07
JP-E2
Unused

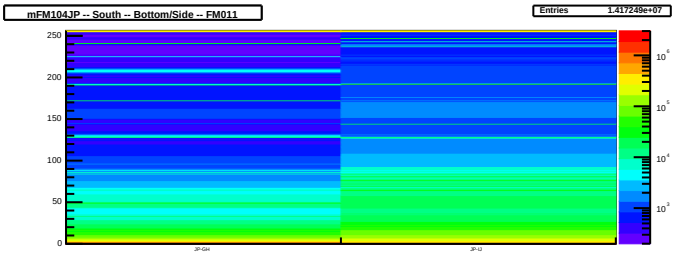

mFM104JPsim -- South -- Top -- FM010
Entries 2875289
JP-E2
Unused

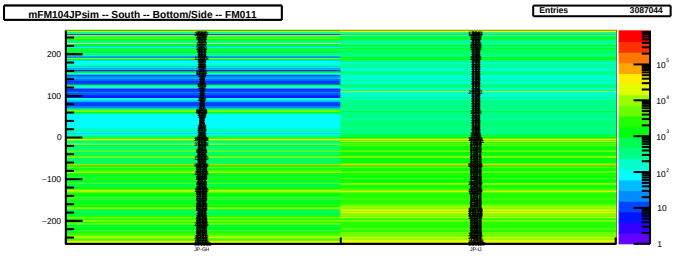

mFM104BS -- North -- Bottom/Side -- FM011
Entries 2.834498e+07

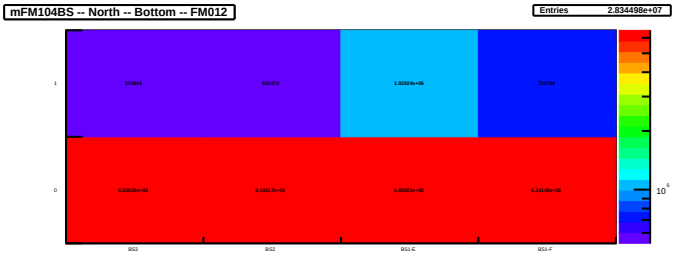

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 5418169

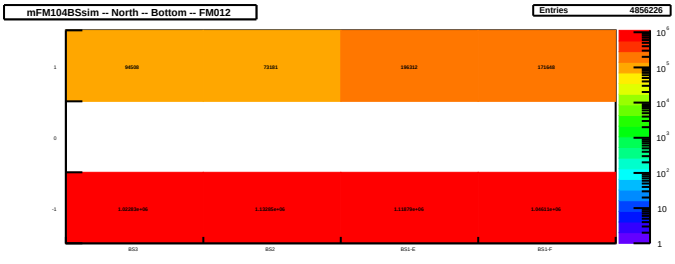

mFM104J -- South -- Bottom/Side -- FM011
Entries 7086245
J(23)

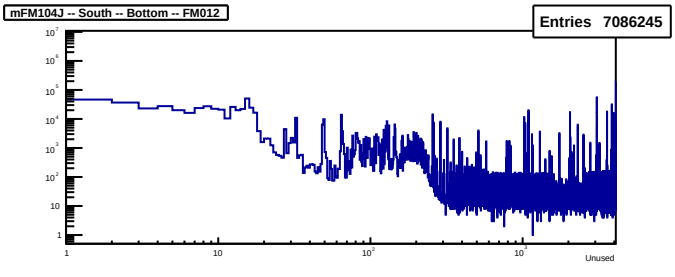

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 1549295
J(23)

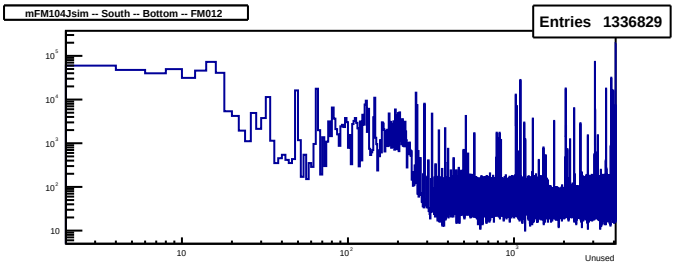

mFM104JP -- South -- Bottom/Side -- FM011
Entries 1.417249e+07

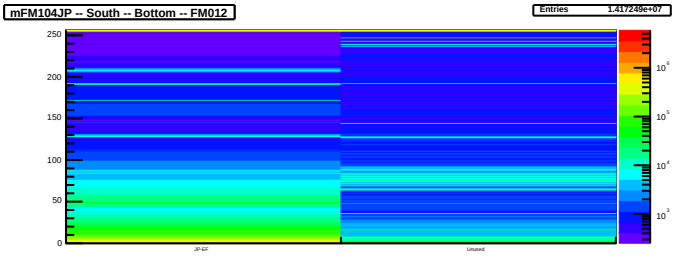

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 3087044

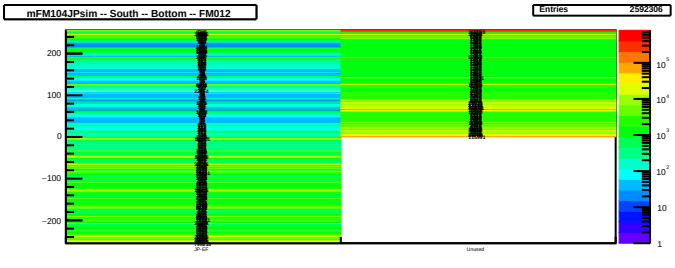

mFM104BS -- North -- Bottom -- FM012
Entries 2.834498e+07

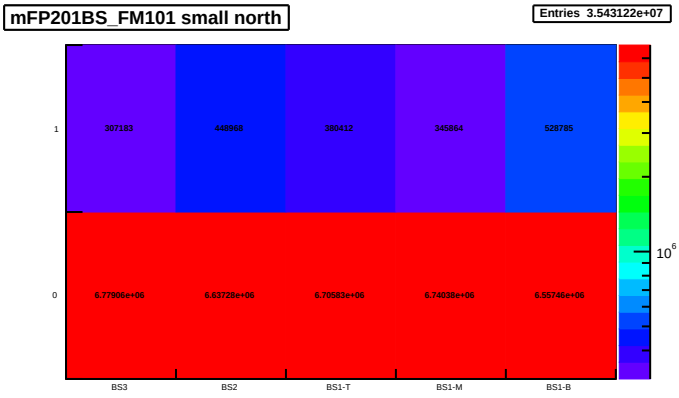

mFM104BSsim -- North -- Bottom -- FM012
Entries 4856226

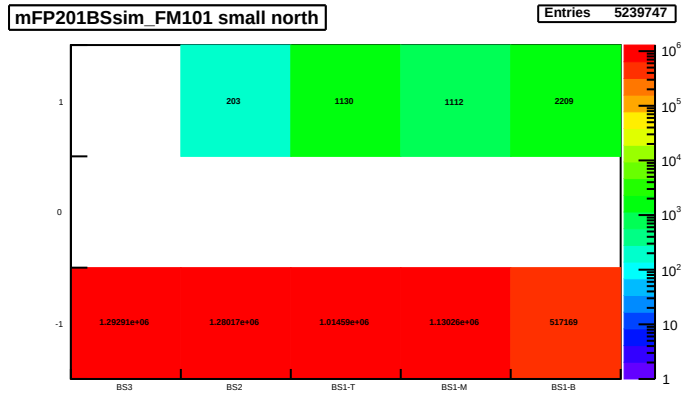

mFM104J -- South -- Bottom -- FM012
Entries 7086245
Unused

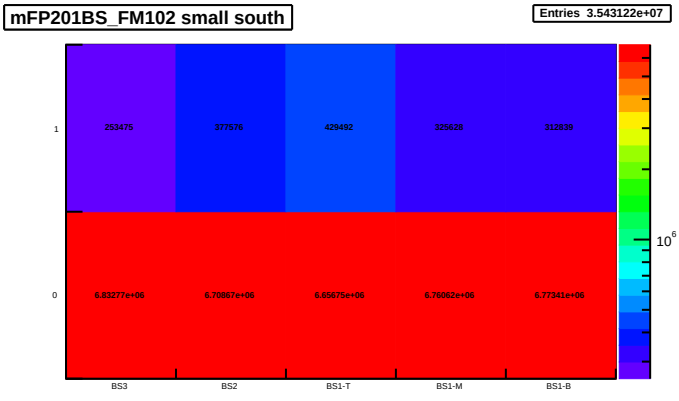

mFM104Jsim -- South -- Bottom -- FM012
Entries 1336829
Unused

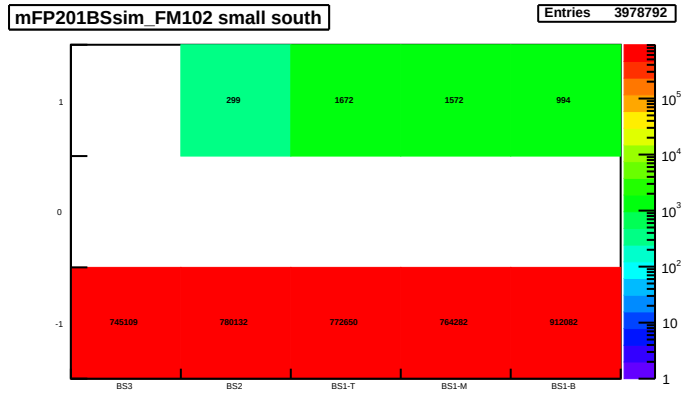

mFM104JP -- South -- Bottom -- FM012
Entries 1.417249e+07

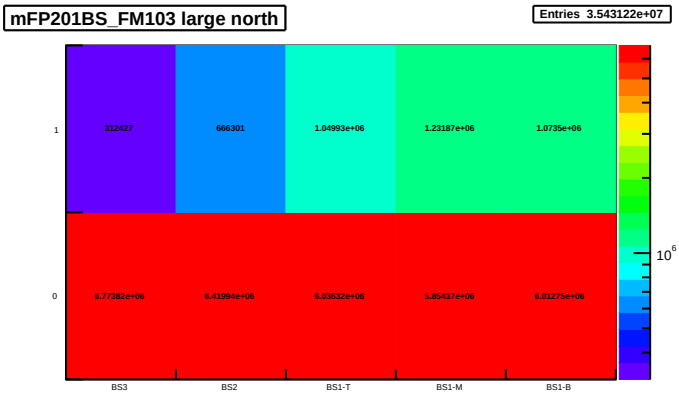

mFM104JPsim -- South -- Bottom -- FM012
Entries 2592306

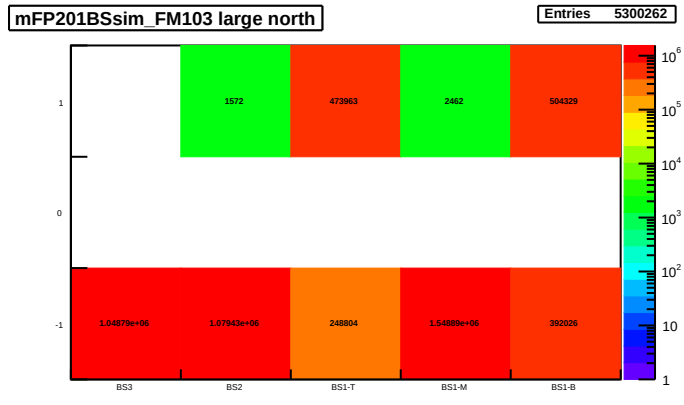

mFP201BS_FM101 small north
Entries 3.543122e+07
1
0
307183
448968
380412
345864
528785
6.77906e+06
6.63728e+06
6.70583e+06
6.74038e+06
6.55746e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6

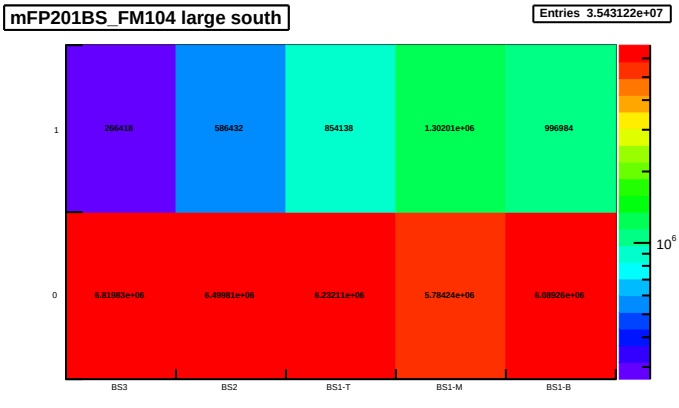

mFP201BSsim_FM101 small north
Entries 5239747
1
0
-1
203
1130
1112
2209
1.29291e+06
1.28017e+06
1.01459e+06
1.13026e+06
517169
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6
10^5
10^4
10^3
10^2
10
1

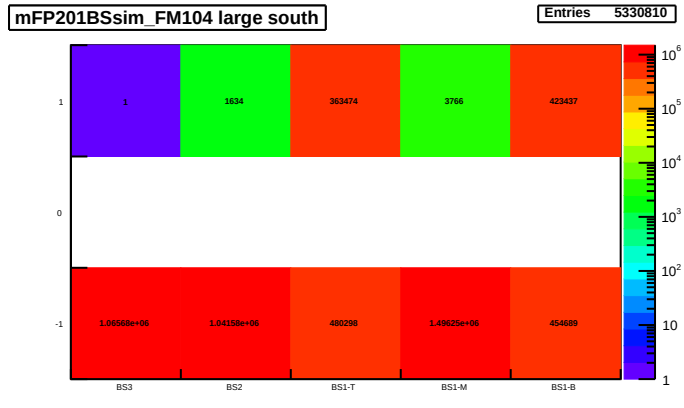

mFP201BS_FM102 small south
Entries 3.543122e+07
1
0
253475
377576
429492
325628
312839
6.83277e+06
6.70867e+06
6.65675e+06
6.76062e+06
6.77341e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6

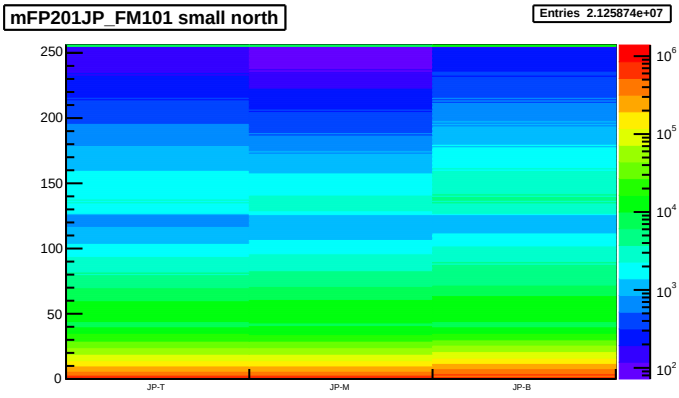

mFP201BSsim_FM102 small south
Entries 3978792
1
0
-1
299
1672
1572
994
745109
780132
772650
764282
912082
BS3
BS2
BS1-T
BS1-M
BS1-B
10^5
10^4
10^3
10^2
10
1

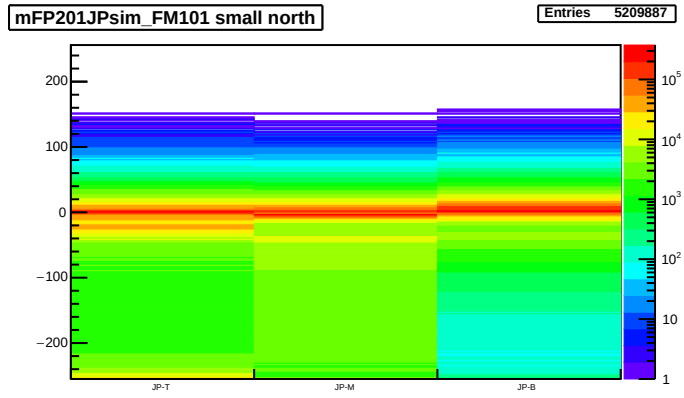

mFP201BS_FM103 large north
Entries 3.543122e+07
1
0
312427
666301
1.04993e+06
1.23187e+06
1.0735e+06
6.77382e+06
6.41994e+06
6.03632e+06
5.85437e+06
6.01275e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6

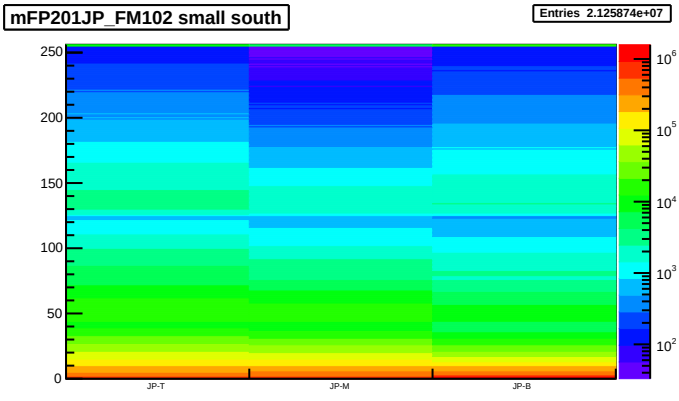

mFP201BSsim_FM103 large north
Entries 5300262
1
0
-1
1572
473963
2462
504329
1.04879e+06
1.07943e+06
248804
1.54889e+06
392026
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6
10^5
10^4
10^3
10^2
10
1

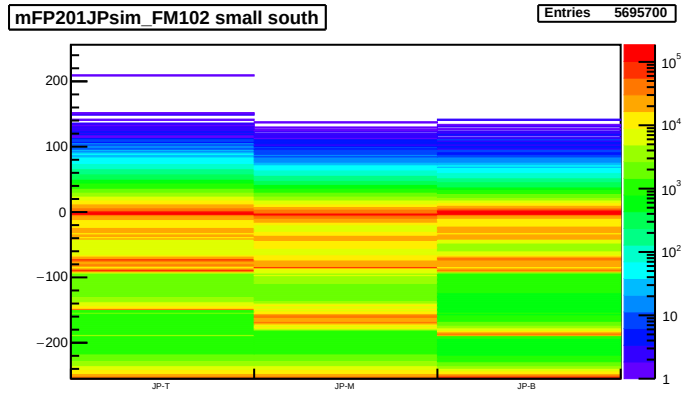

mFP201BS_FM104 large south
Entries 3.543122e+07
1
0
266418
586432
854138
1.30201e+06
996984
6.81983e+06
6.49981e+06
6.23211e+06
5.78424e+06
6.08926e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6

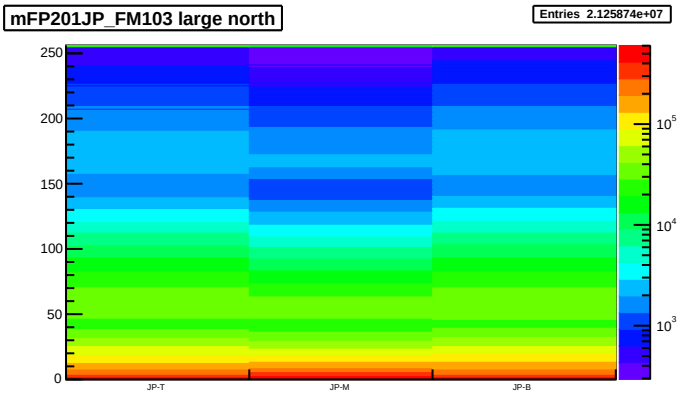

mFP201BSsim_FM104 large south
Entries 5330810
1
0
-1
1
1634
363474
3766
423437
1.06568e+06
1.04158e+06
480298
1.49825e+06
454689
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6
10^5
10^4
10^3
10^2
10
1

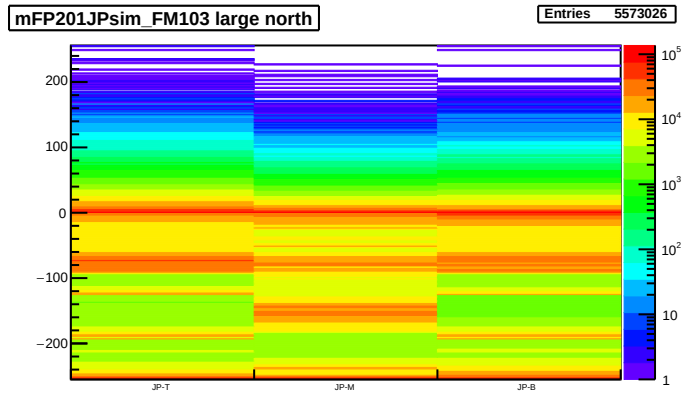

mFP201JP_FM101 small north
Entries 2.125874e+07
JP-T
JP-M
JP-B

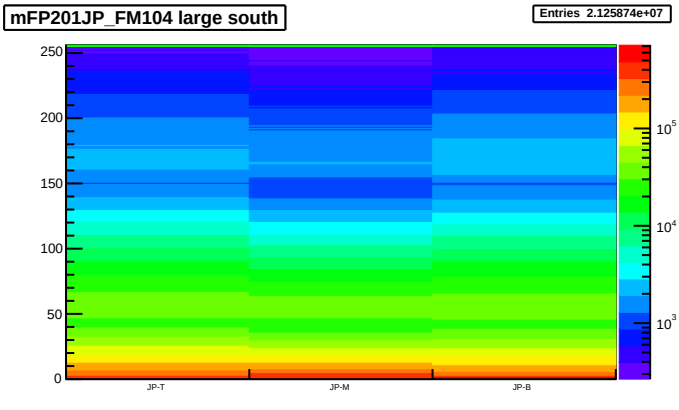

mFP201JPsim_FM101 small north
Entries 5209887
JP-T
JP-M
JP-B

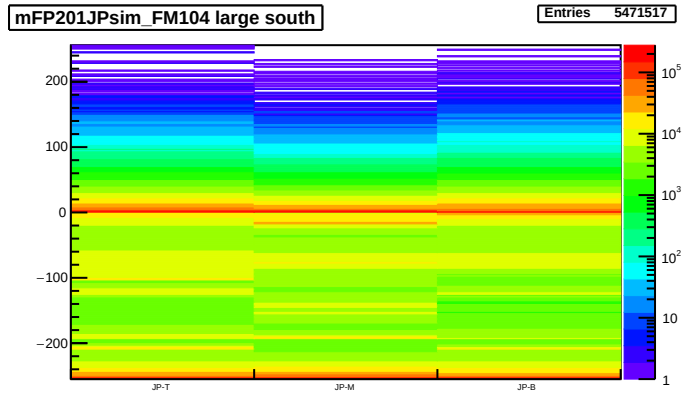

mFP201JP_FM102 small south
Entries 2.125874e+07
JP-T
JP-M
JP-B

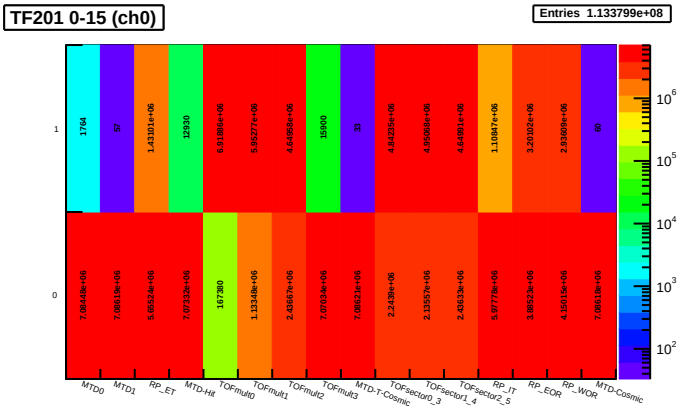

mFP201JPsim_FM102 small south
Entries 5695700
JP-T
JP-M
JP-B

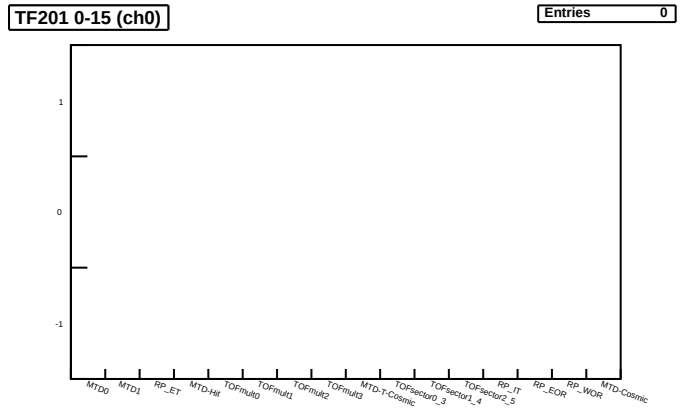

mFP201JP_FM103 large north
Entries 2.125874e+07
JP-T
JP-M
JP-B

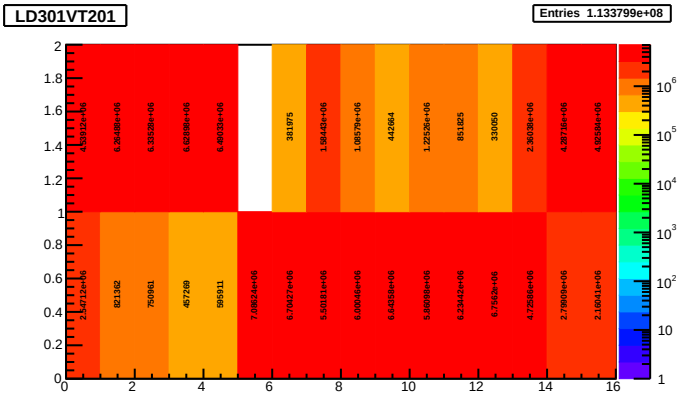

mFP201JPsim_FM103 large north
Entries 5573026
JP-T
JP-M
JP-B


mFP201JP_FM104 large south
Entries 2.125874e+07
JP-T
JP-M
JP-B


mFP201JPsim_FM104 large south
Entries 5471517
JP-T
JP-M
JP-B


TF201 0-15 (ch0)
Entries 1.133799e+08
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic


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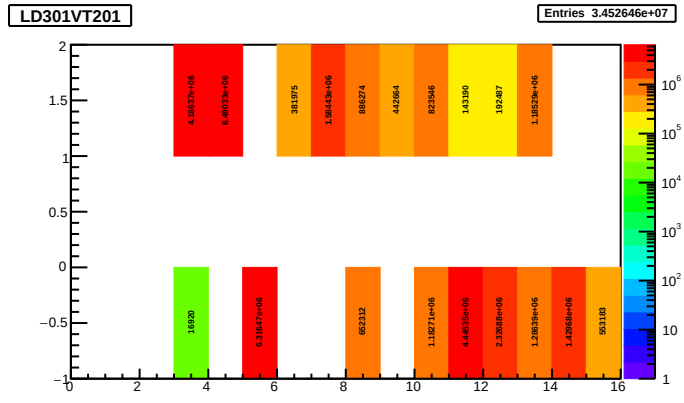
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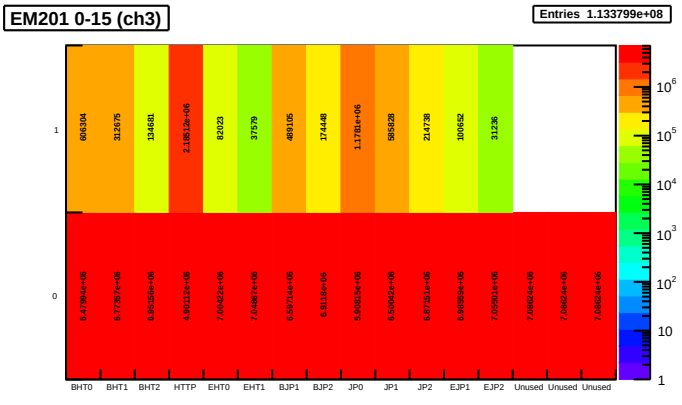
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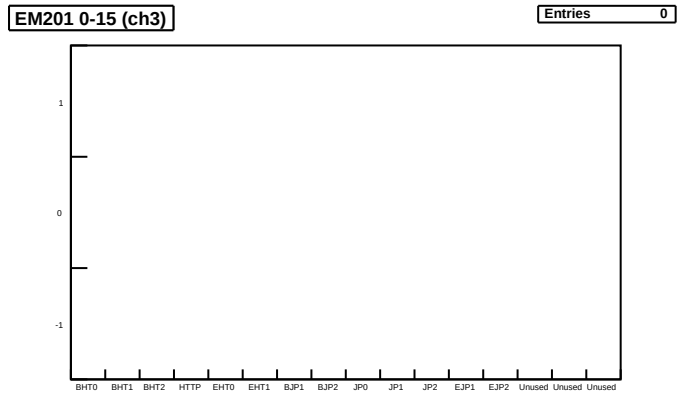
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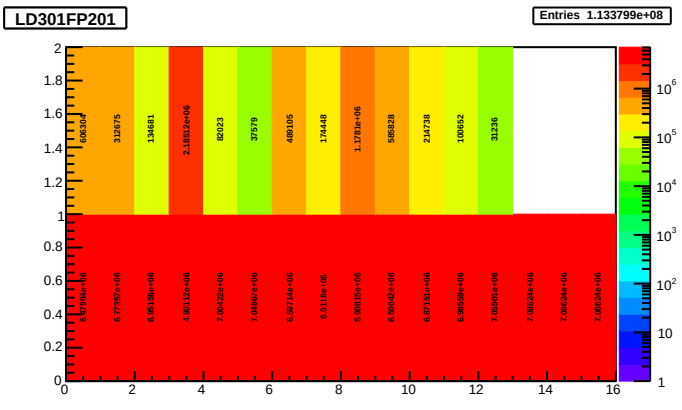
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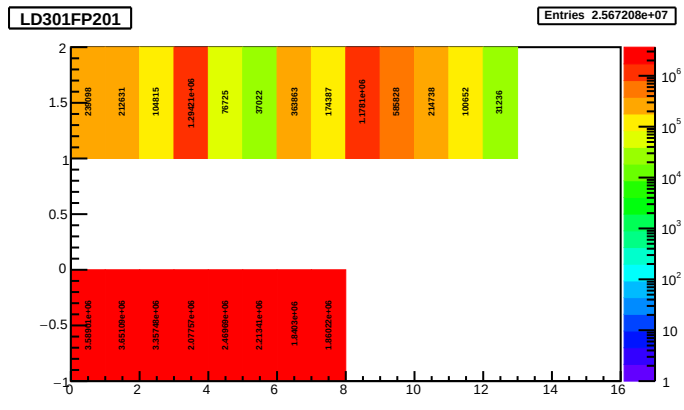
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