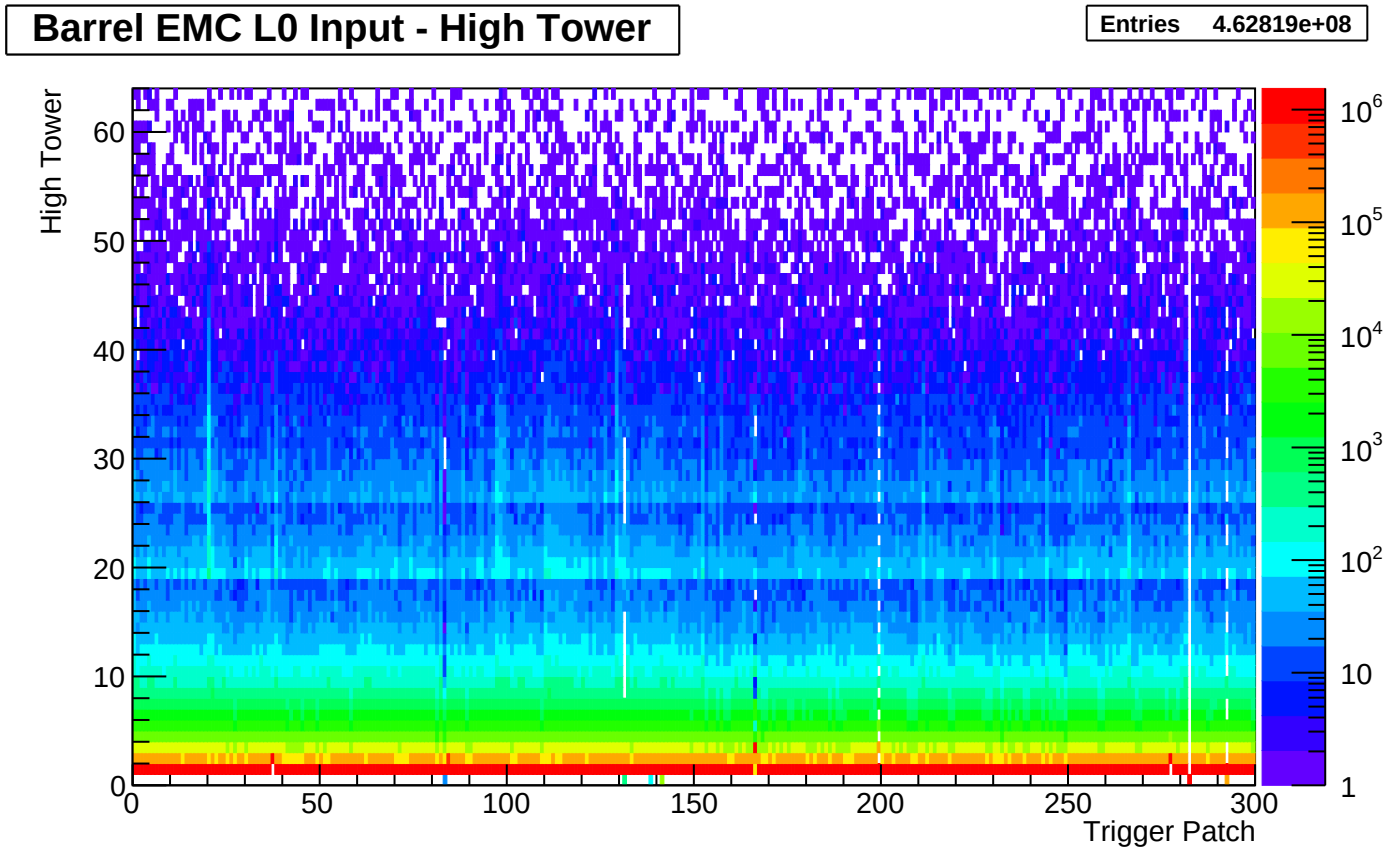
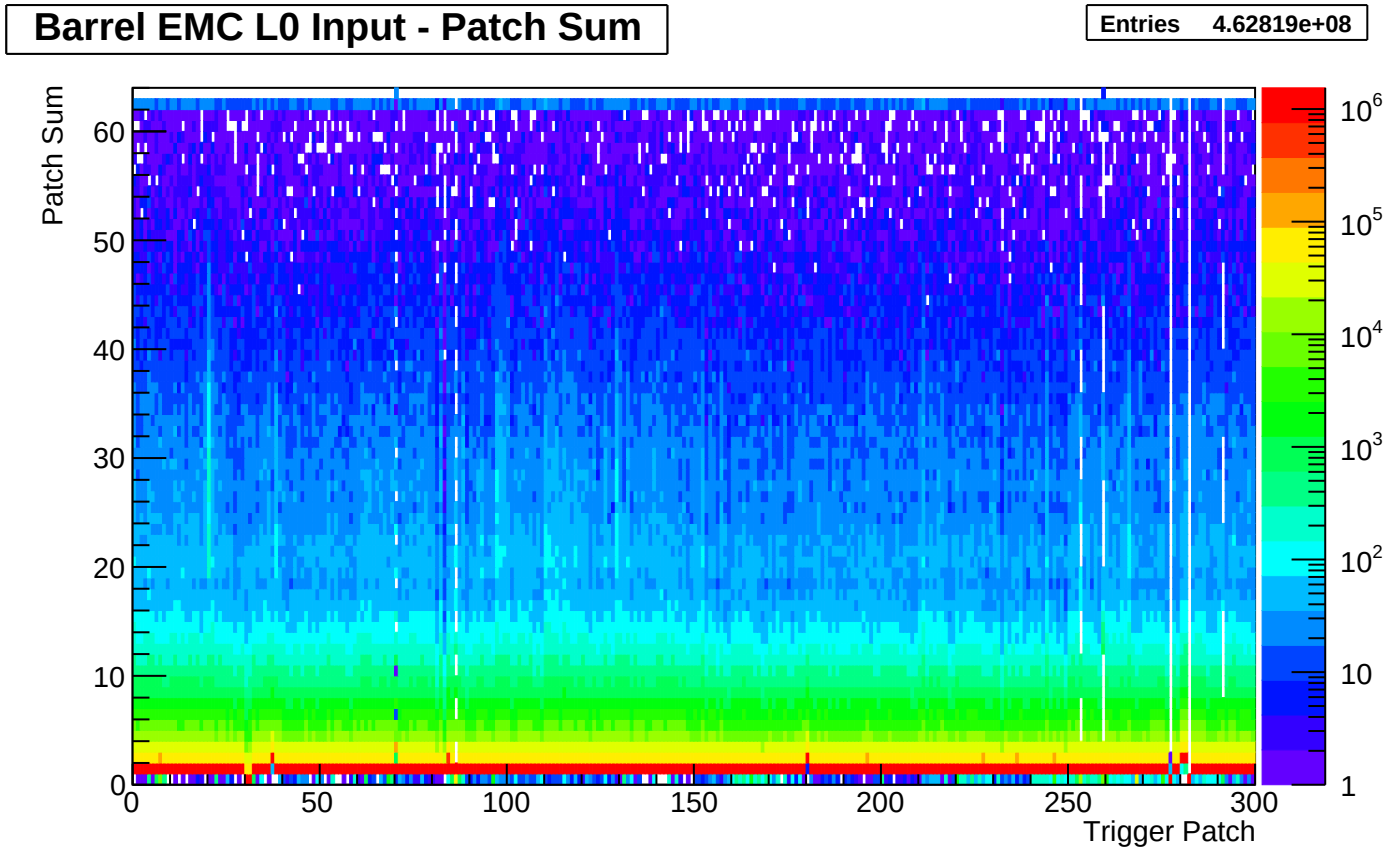
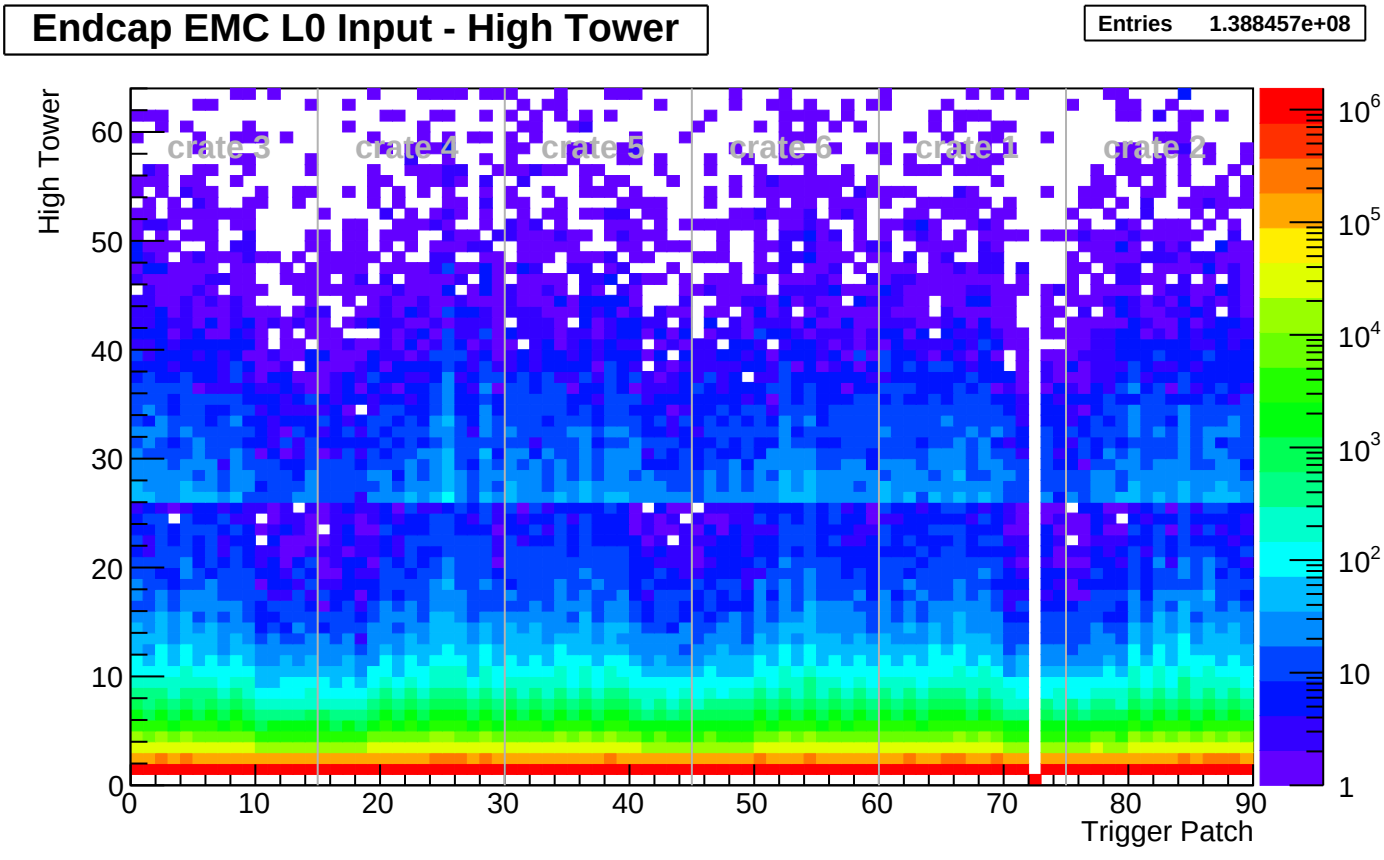
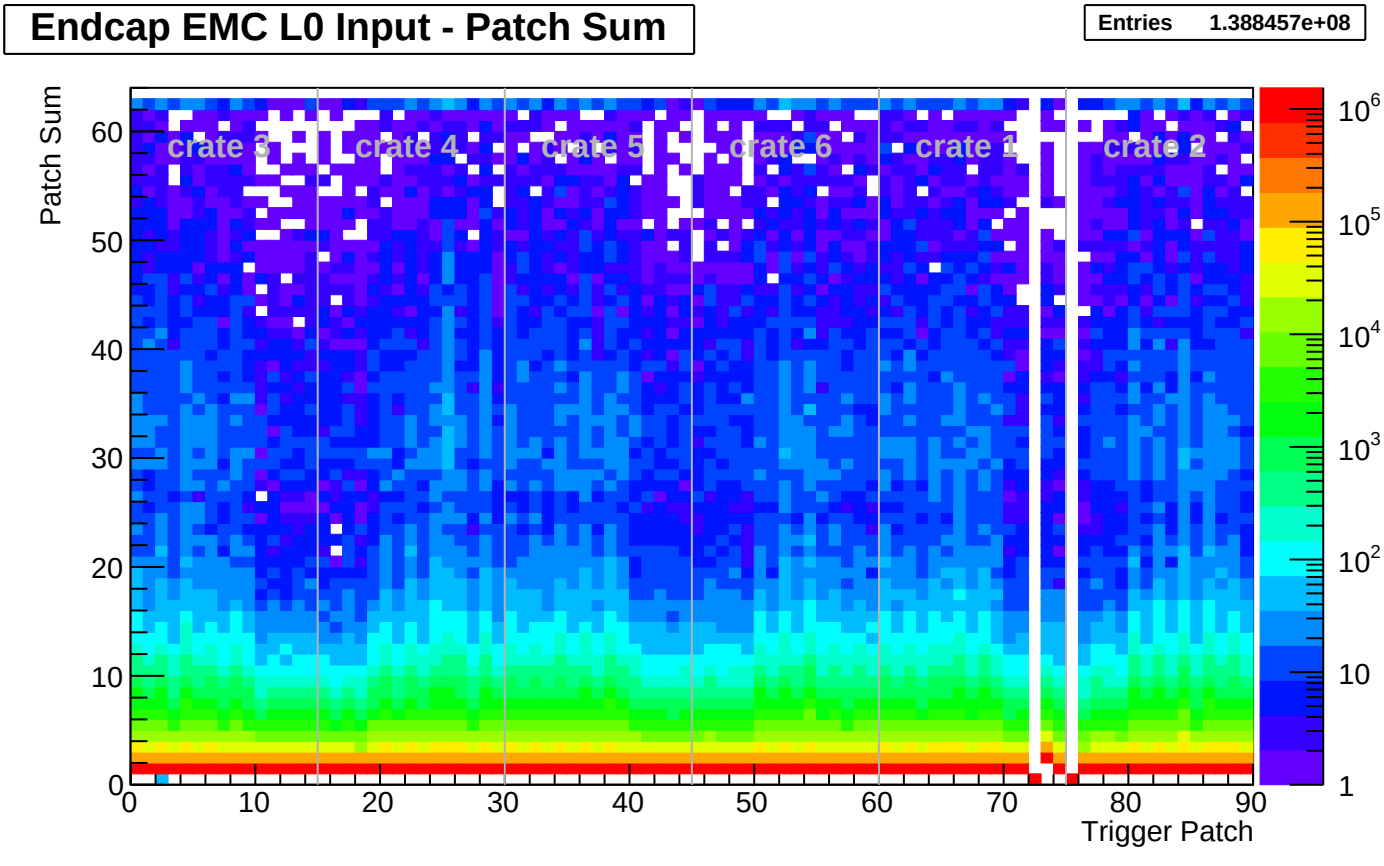
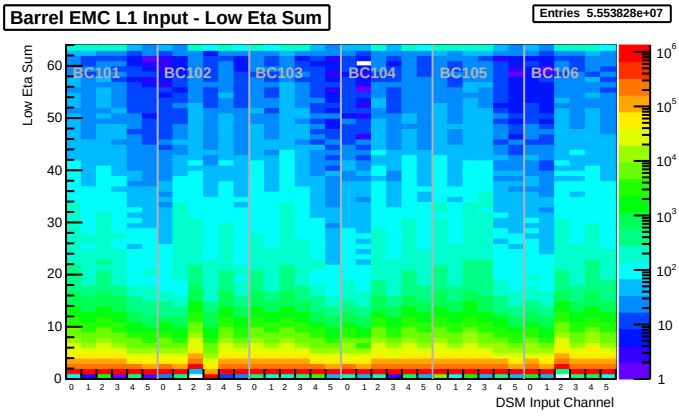
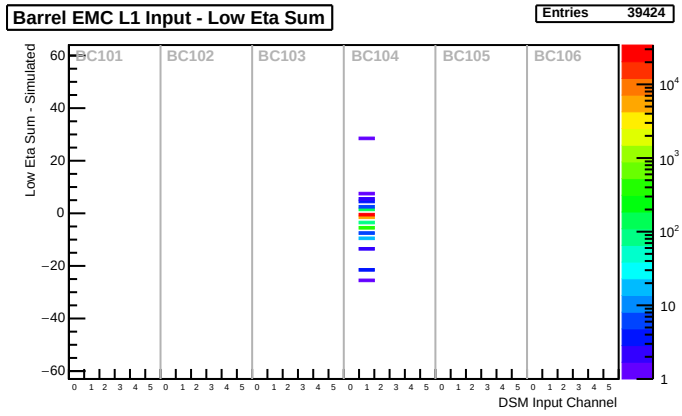

Barrel EMC L0 Input - High Tower
Entries 4.62819e+08
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

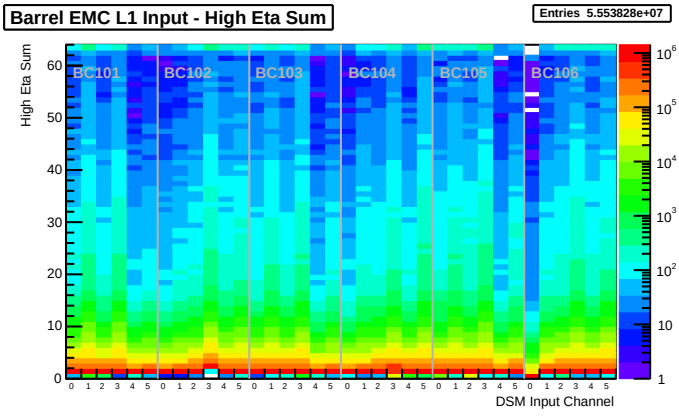

Barrel EMC L0 Input - Patch Sum
Entries 4.62819e+08
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

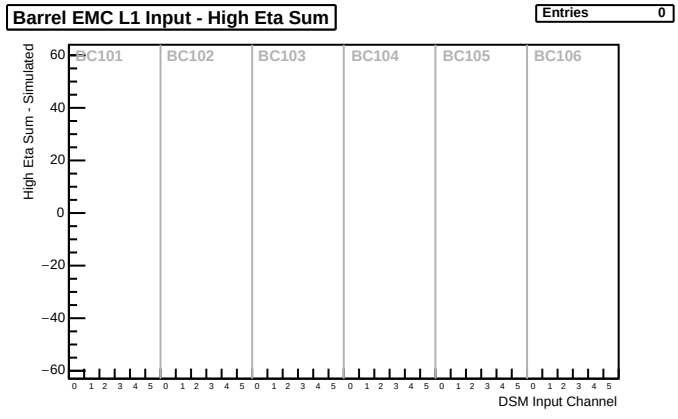

Endcap EMC L0 Input - High Tower
Entries 1.388457e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

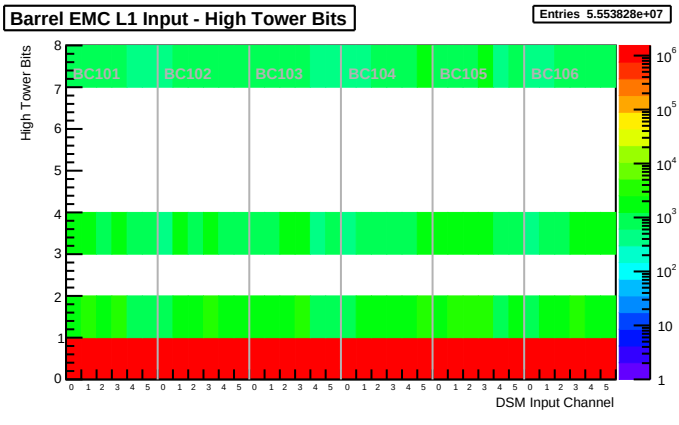

Endcap EMC L0 Input - Patch Sum
Entries 1.388457e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

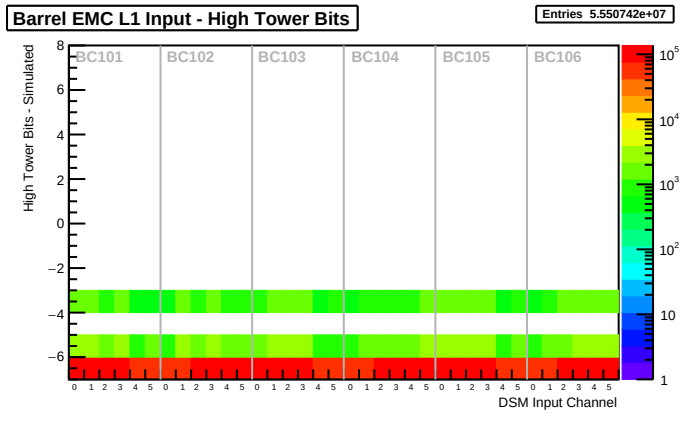

Barrel EMC L1 Input - Low Eta Sum
Entries 5.553828e+07
Low Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

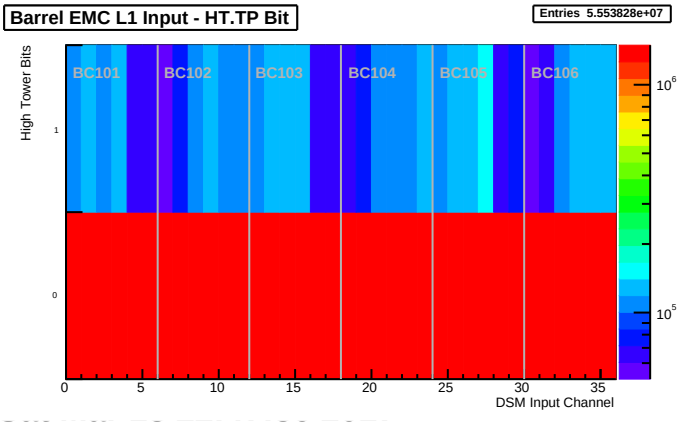

Barrel EMC L1 Input - Low Eta Sum
Entries 39424
Low Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

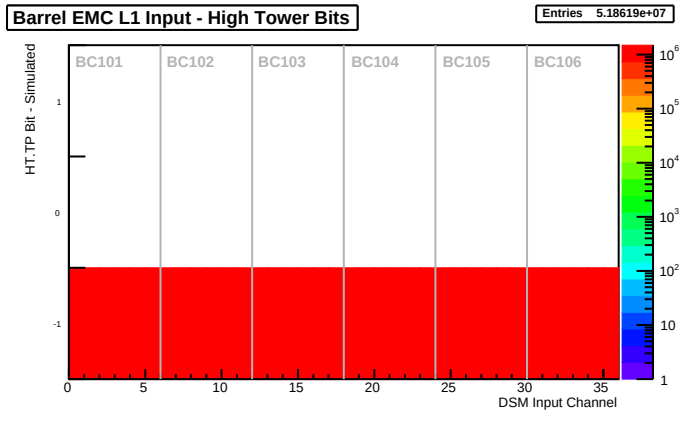

Barrel EMC L1 Input - High Eta Sum
Entries 5.553828e+07
High Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

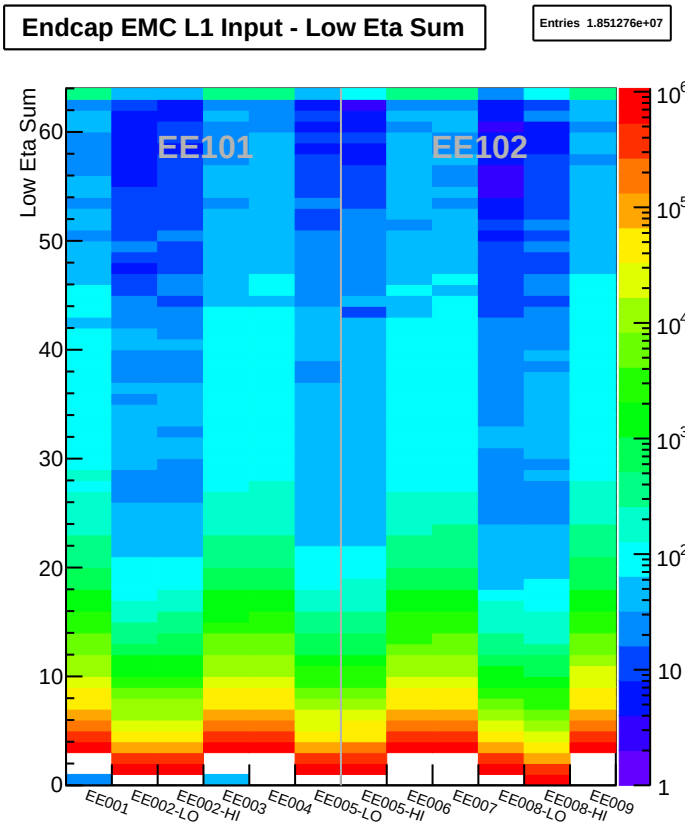

Barrel EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

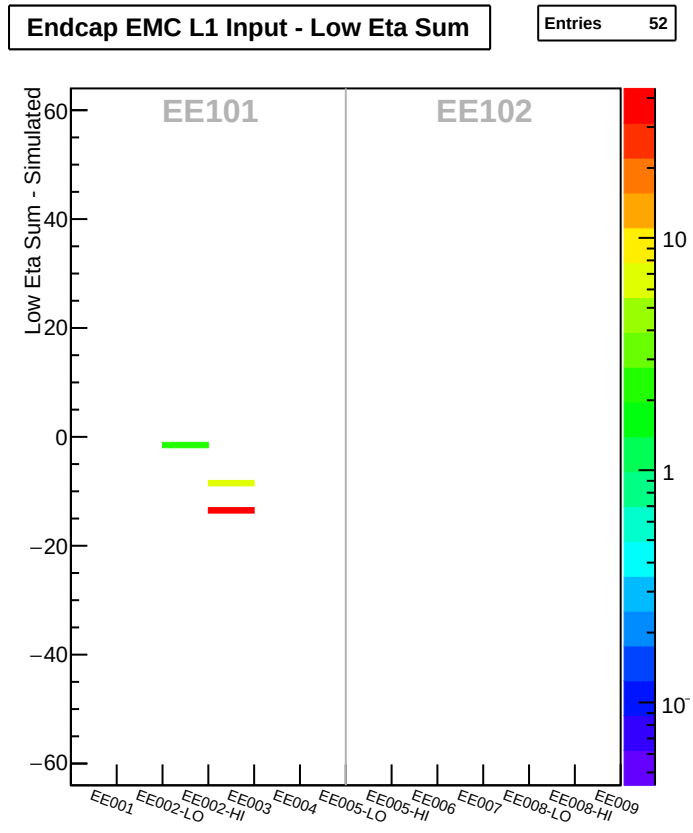

Barrel EMC L1 Input - High Tower Bits
Entries 5.553828e+07
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

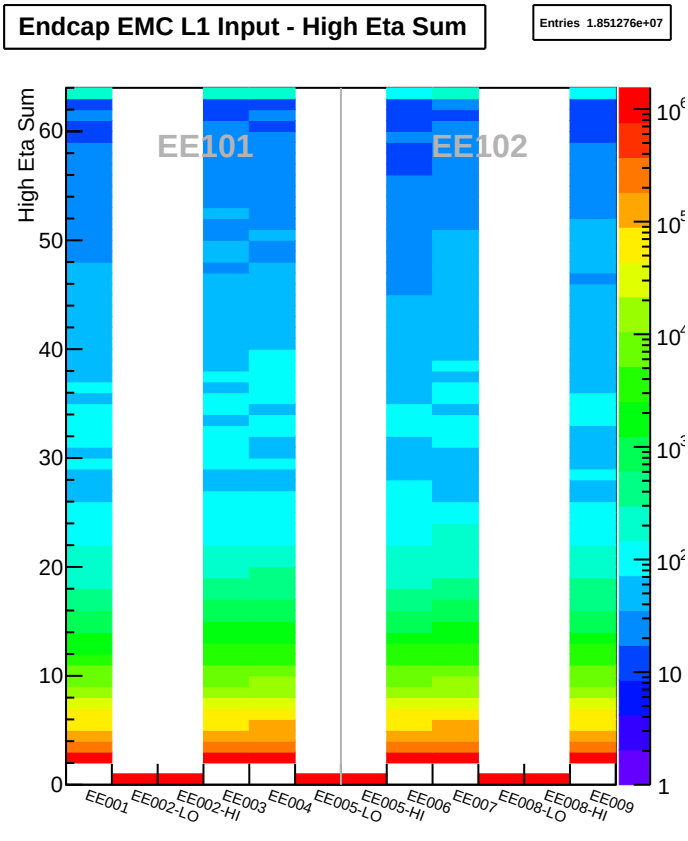

Barrel EMC L1 Input - High Tower Bits
Entries 5.550742e+07
High Tower Bits - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

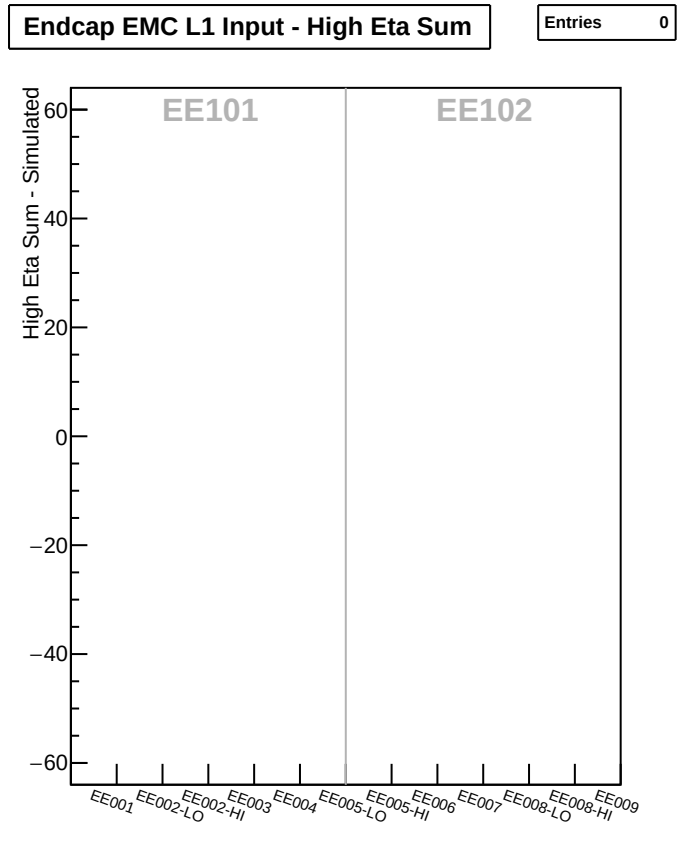

Barrel EMC L1 Input - HT.TP Bit
Entries 5.553828e+07
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel


Barrel EMC L1 Input - High Tower Bits
Entries 5.18619e+07
HT.TP Bit - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

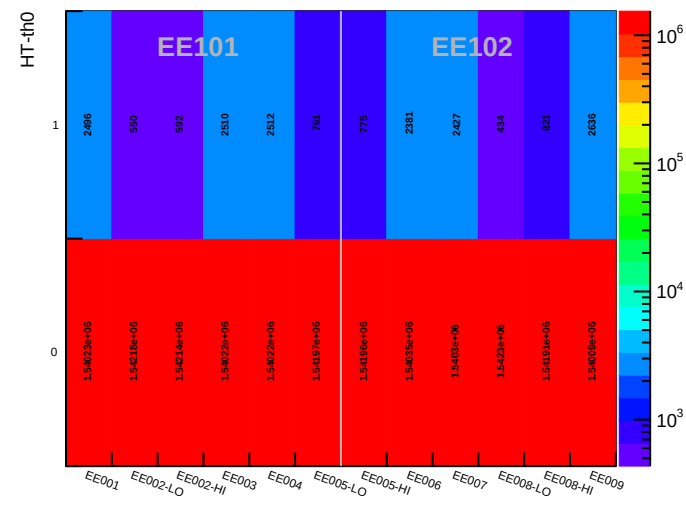

Endcap EMC L1 Input - Low Eta Sum
Entries 1.851276e+07
Low Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009


Endcap EMC L1 Input - Low Eta Sum
Entries 52
Low Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

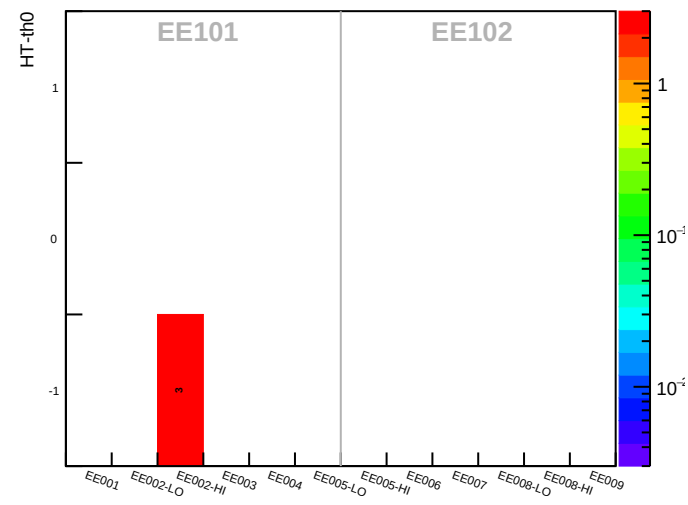

Endcap EMC L1 Input - High Eta Sum
Entries 1.851276e+07
High Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009


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

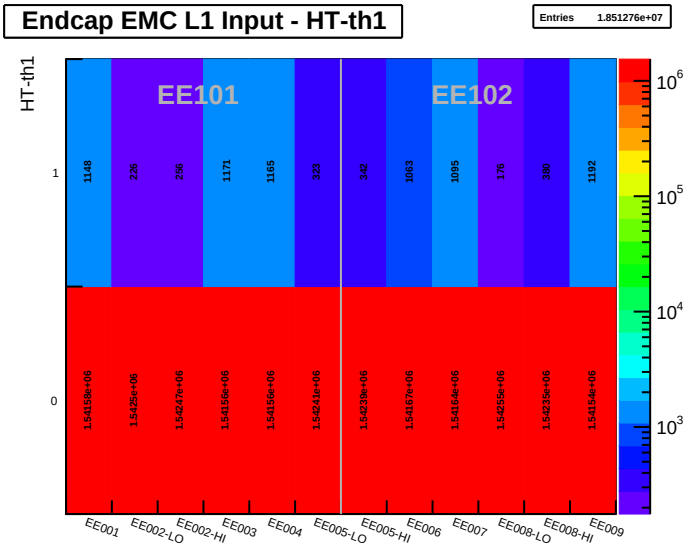
Endcap EMC L1 Input - HT-th0



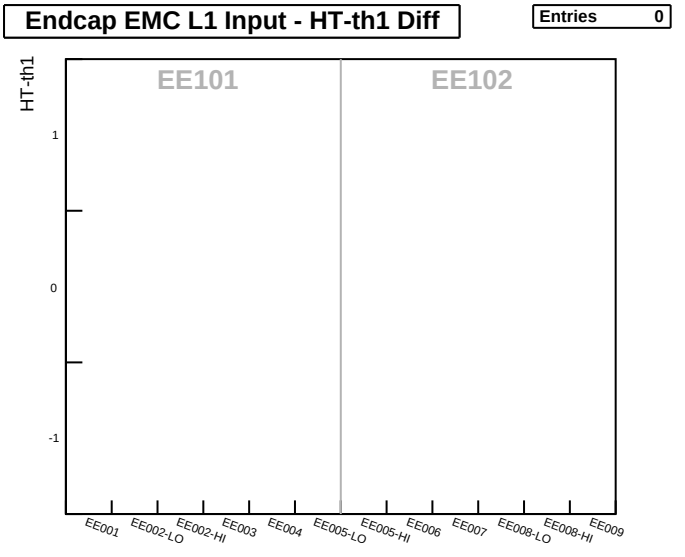
Endcap EMC L1 Input - HT-th0 Diff



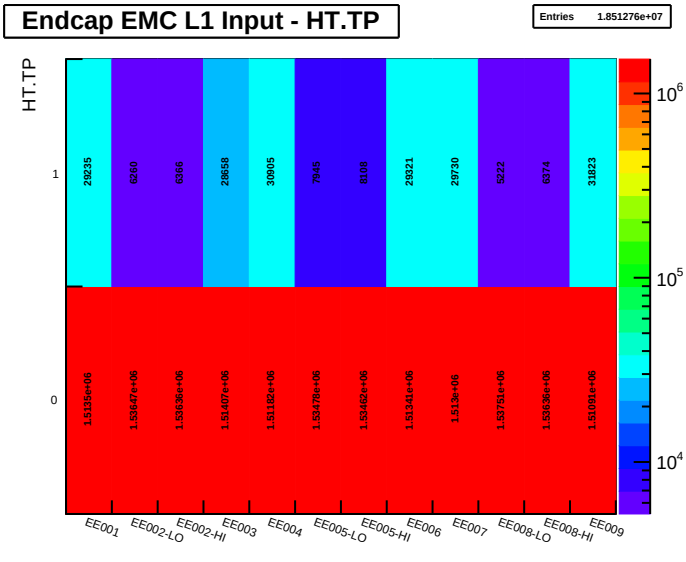
Endcap EMC L1 Input - HT-th1



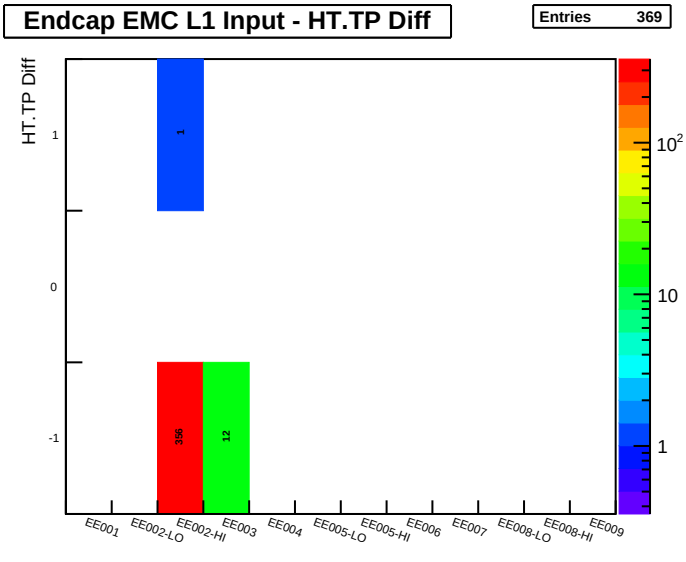
Endcap EMC L1 Input - HT-th1 Diff

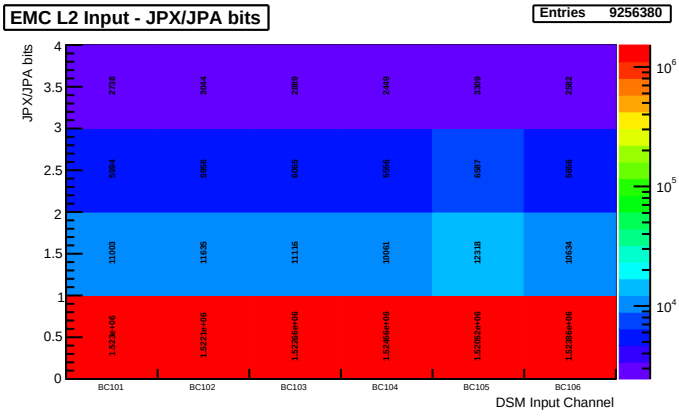


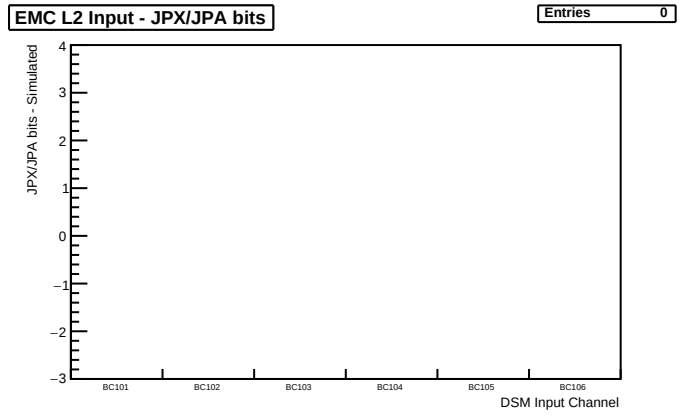
Endcap EMC L1 Input - HT.TP

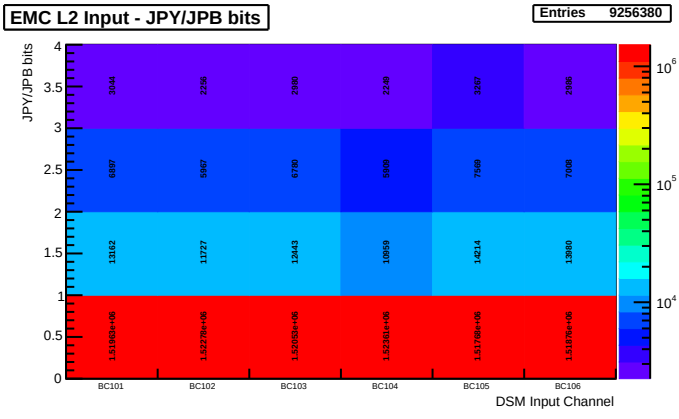


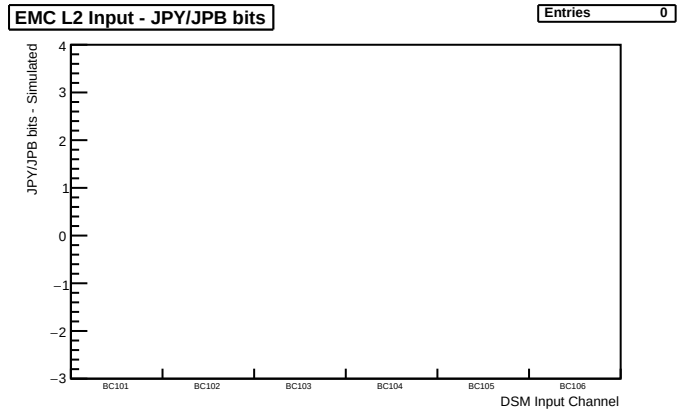
Endcap EMC L1 Input - HT.TP Diff

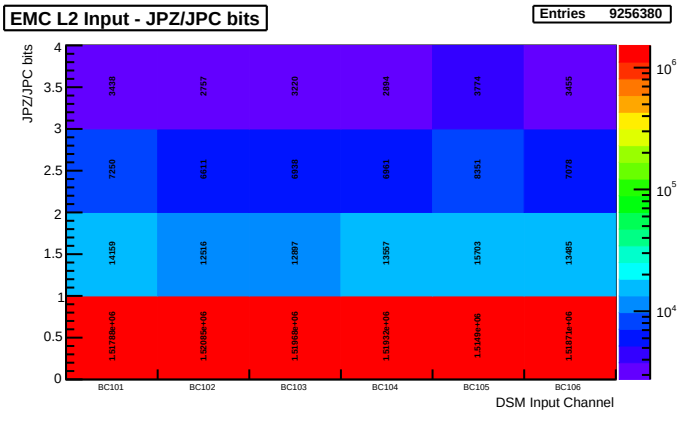


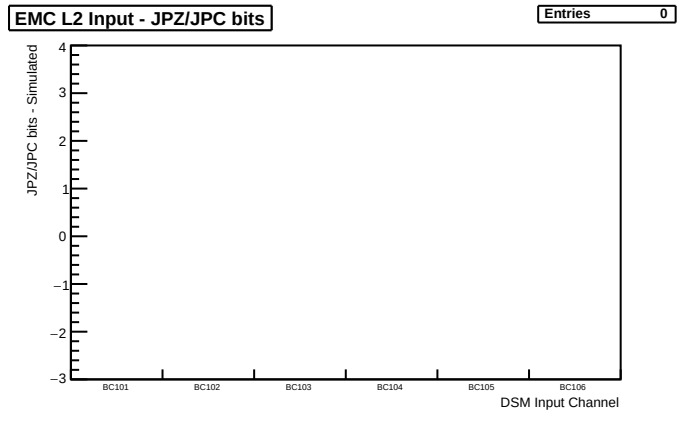

EMC L2 Input - JPX/JPA bits
Entries 9256380
JPX/JPA bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

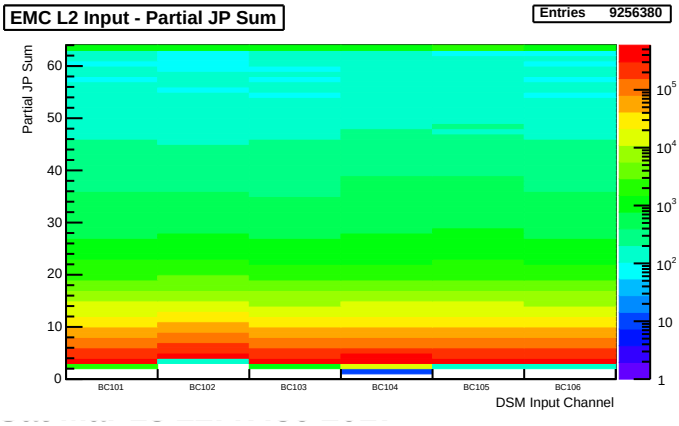

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

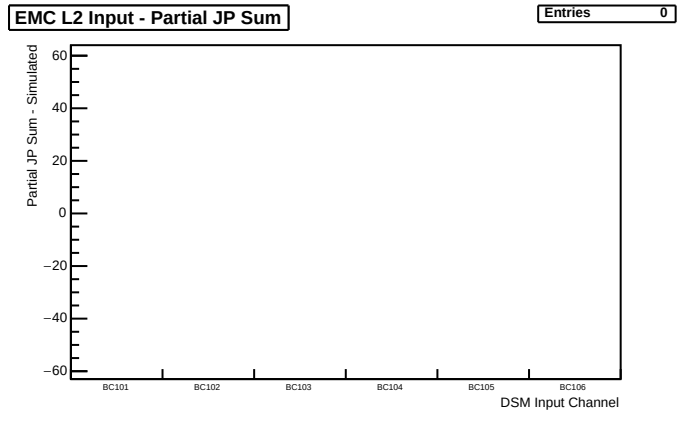

EMC L2 Input - JPY/JPB bits
Entries 9256380
JPY/JPB bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

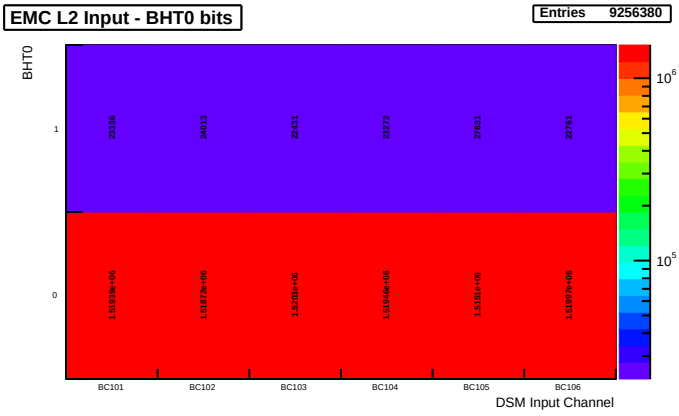

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

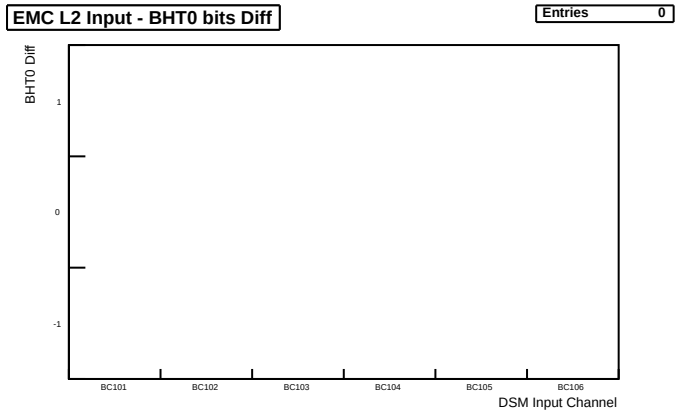

EMC L2 Input - JPZ/JPC bits
Entries 9256380
JPZ/JPC bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

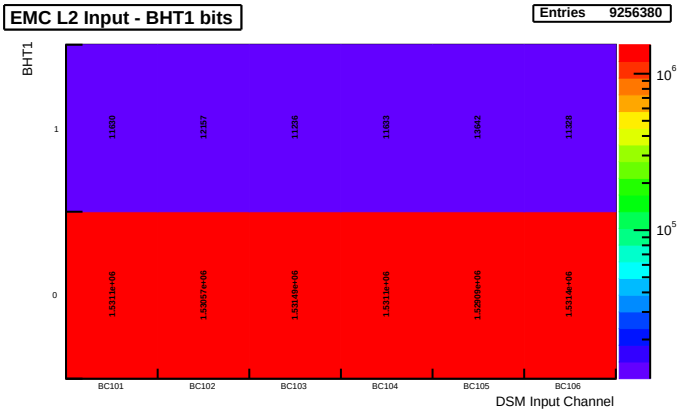

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

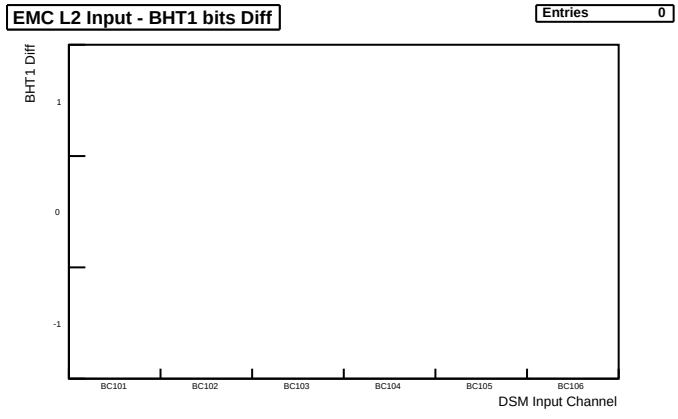

EMC L2 Input - Partial JP Sum
Entries 9256380
Partial JP Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

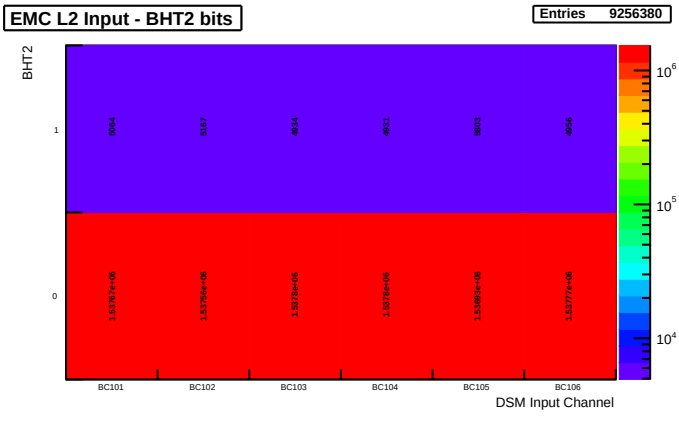

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

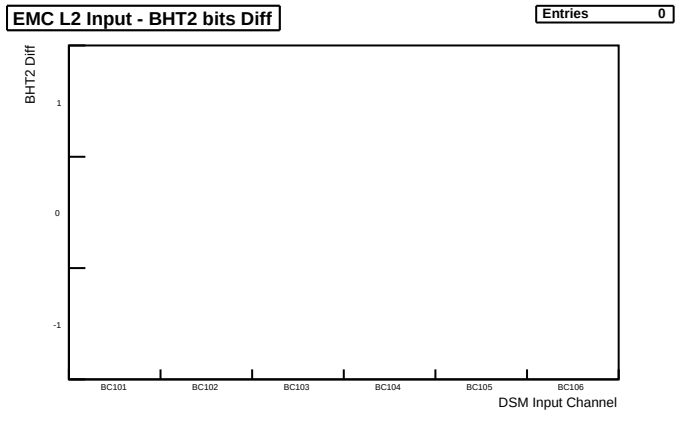

EMC L2 Input - BHT0 bits
Entries 9256380
BHT0
1
0
22338
24913
22431
23272
27631
22761
1.51939e+06
1.51972e+06
1.52059e+06
1.51946e+06
1.51551e+06
1.51997e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5

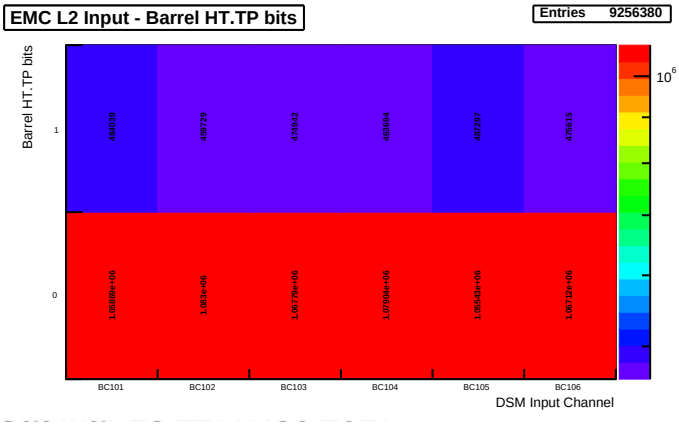

EMC L2 Input - BHT0 bits Diff
Entries 0
BHT0 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

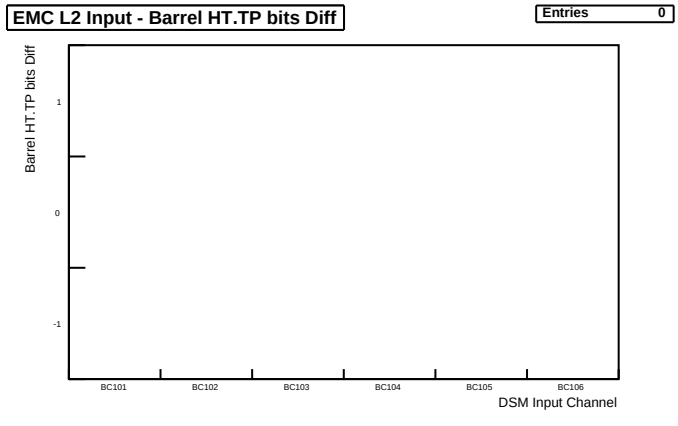

EMC L2 Input - BHT1 bits
Entries 9256380
BHT1
1
0
11630
12157
11236
11633
13942
11328
1.53116e+06
1.53057e+06
1.53149e+06
1.53118e+06
1.52909e+06
1.53146e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5

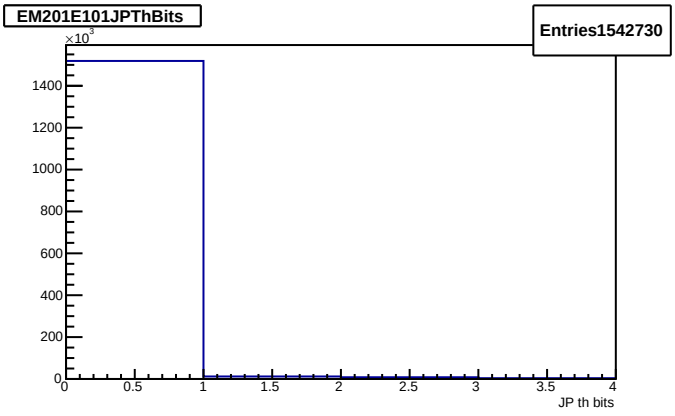

EMC L2 Input - BHT1 bits Diff
Entries 0
BHT1 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

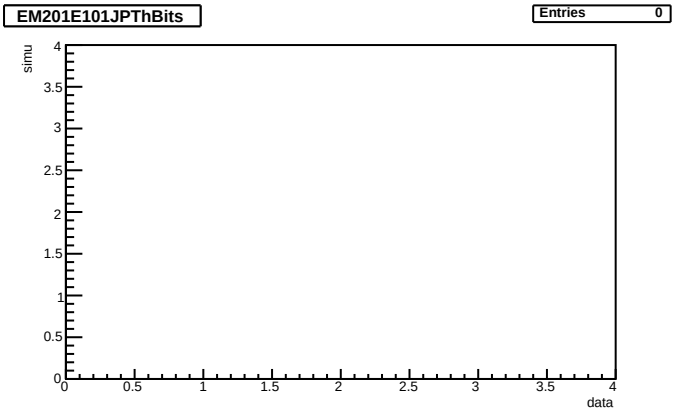

EMC L2 Input - BHT2 bits
Entries 9256380
BHT2
1
0
5064
5167
4834
4931
5603
4855
1.53767e+06
1.53755e+06
1.53778e+06
1.53778e+06
1.53693e+06
1.53777e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5
10^4

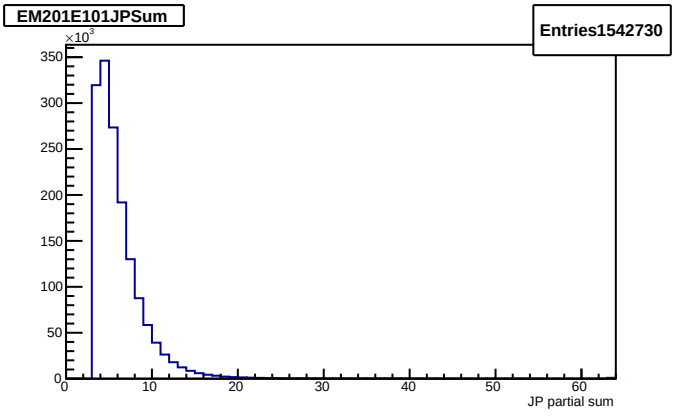

EMC L2 Input - BHT2 bits Diff
Entries 0
BHT2 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

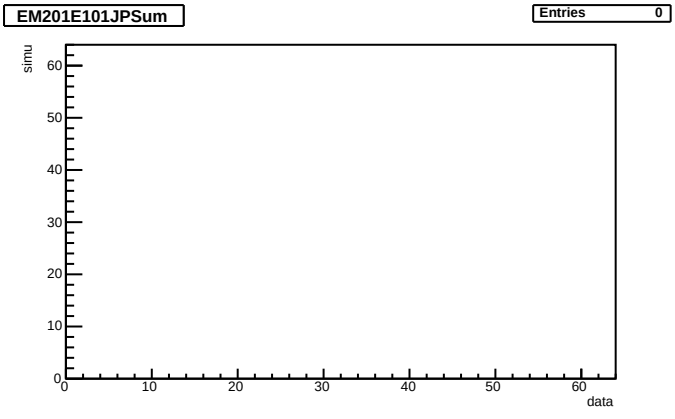

EMC L2 Input - Barrel HT.TP bits
Entries 9256380
Barrel HT.TP bits
1
0
446639
499729
474942
463684
497257
475615
1.06388e+06
1.083e+06
1.06779e+06
1.07904e+06
1.06543e+06
1.06712e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6

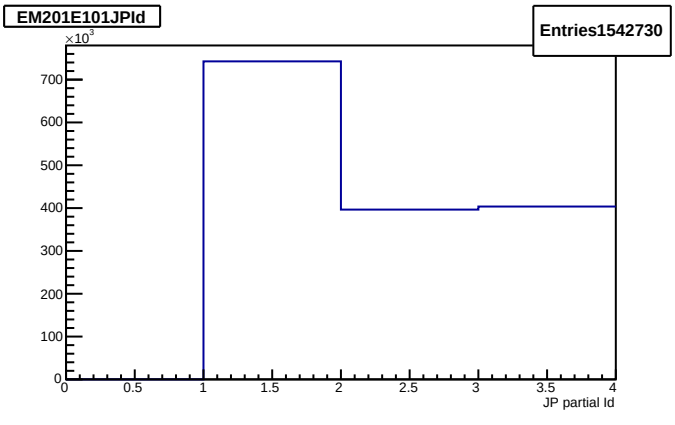

EMC L2 Input - Barrel HT.TP bits Diff
Entries 0
Barrel HT.TP bits Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

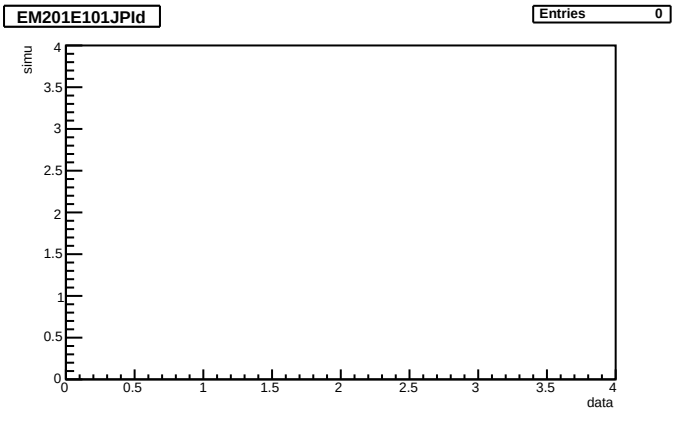

EM201E101JPThBits
Entries1542730
×10^3
JP th bits

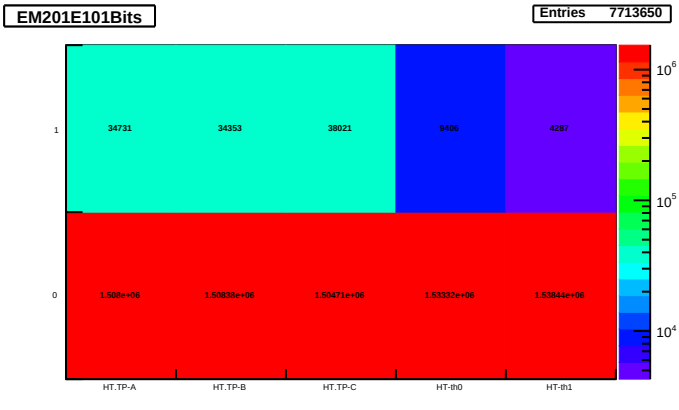

EM201E101JPThBits
Entries 0
simu
data

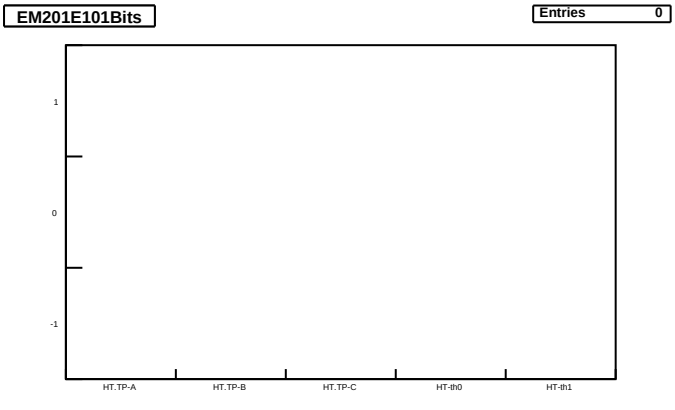

EM201E101JPSum
Entries1542730
×10^3
JP partial sum

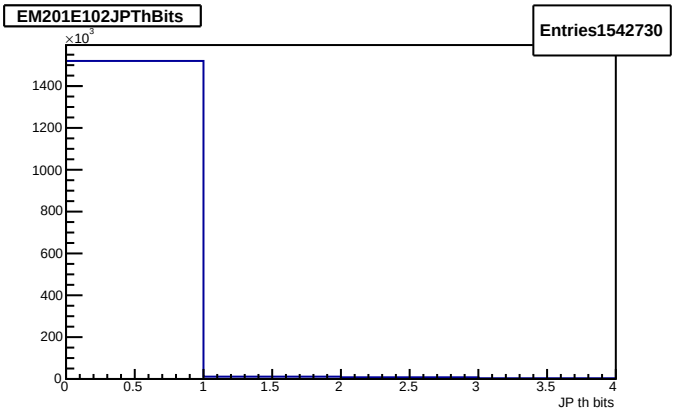

EM201E101JPSum
Entries 0
simu
data

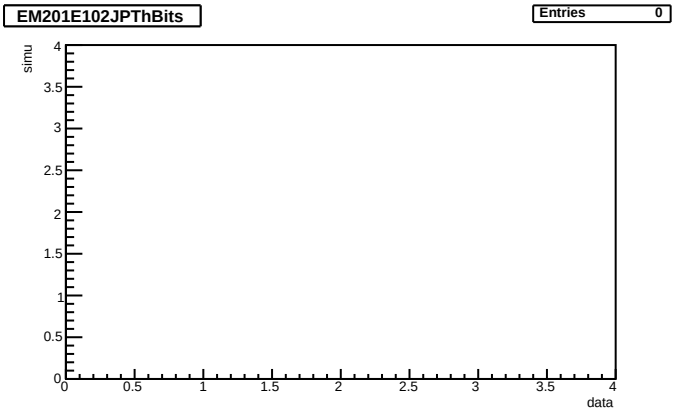

EM201E101JPId
Entries1542730
×10^3
JP partial Id

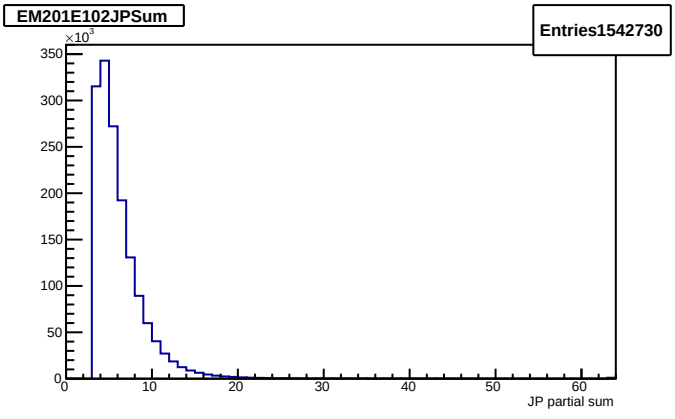

EM201E101JPId
Entries 0
simu
data

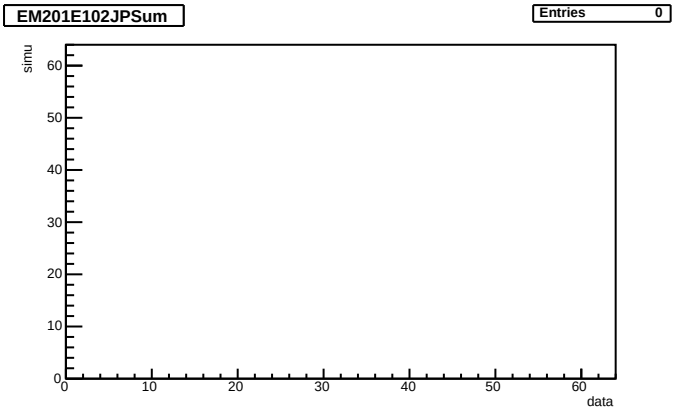

EM201E101Bits
Entries 7713650
34731
34353
38021
9408
4287
1.508e+06
1.50838e+06
1.50471e+06
1.53332e+06
1.53844e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

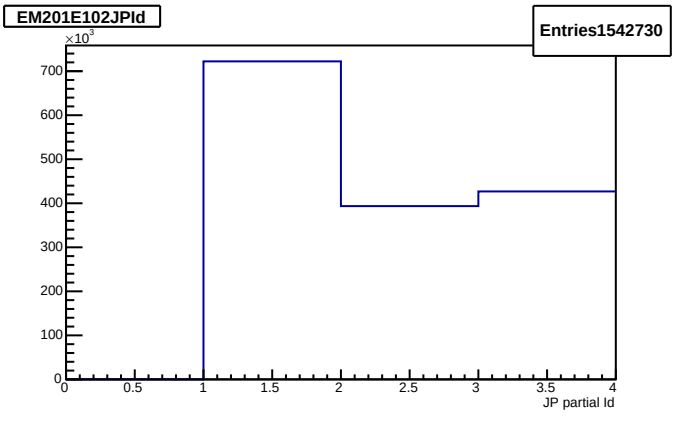

EM201E101Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

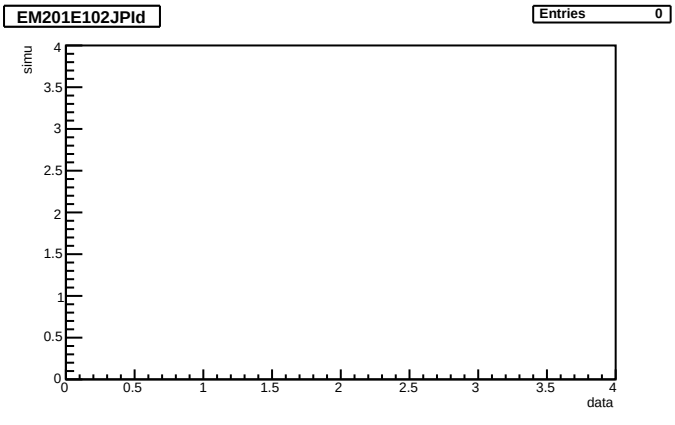

EM201E102JPThBits
Entries1542730
JP th bits

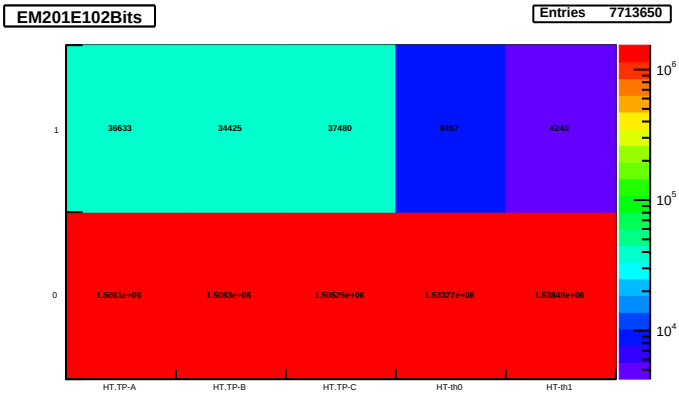

EM201E102JPThBits
Entries 0
simu
data

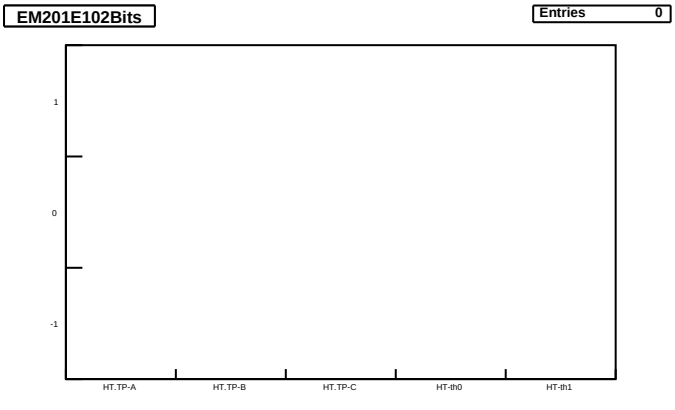

EM201E102JPSum
Entries1542730
JP partial sum

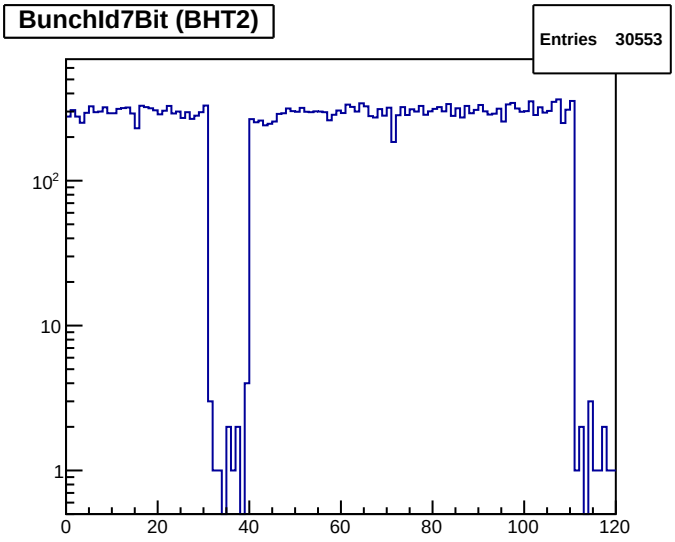

EM201E102JPSum
Entries 0
simu
data

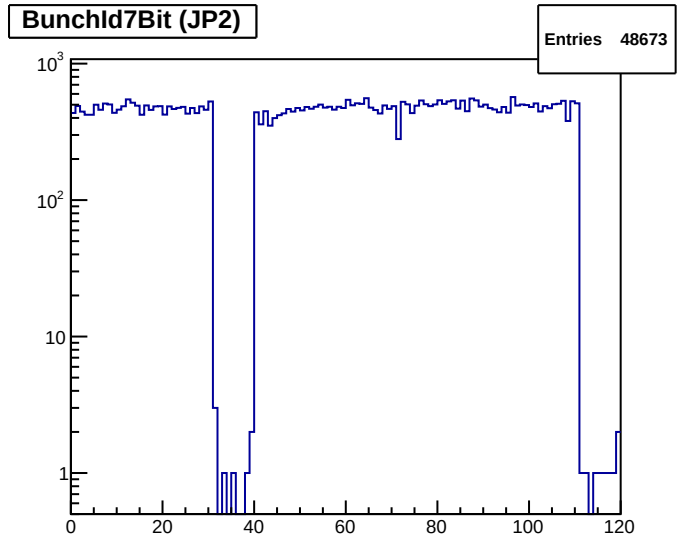

EM201E102JPId
Entries1542730
JP partial Id

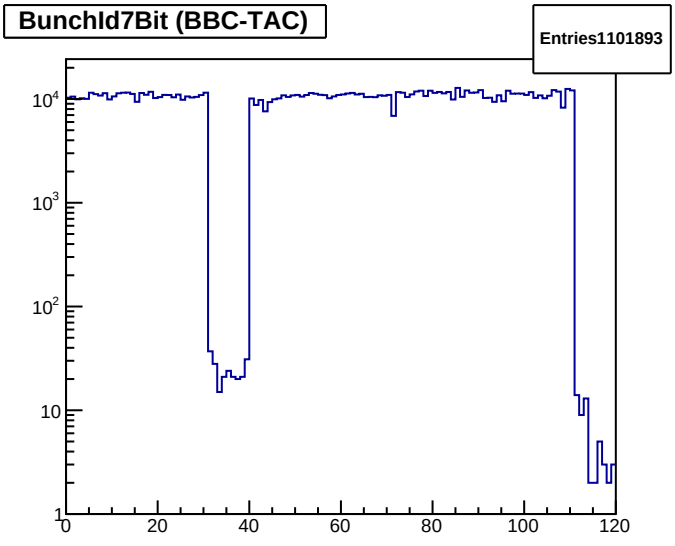

EM201E102JPId
Entries 0
simu
data

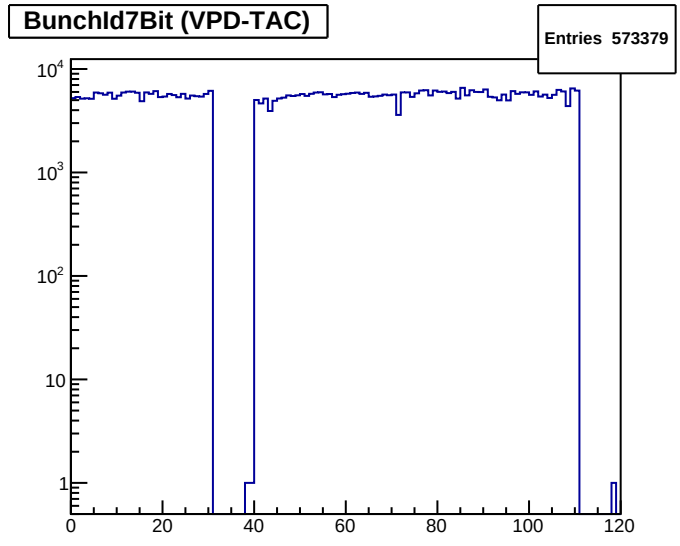

EM201E102Bits
Entries 7713650
36633
34425
37480
9457
4243
1.5061e+06
1.5083e+06
1.50525e+06
1.53327e+06
1.53849e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

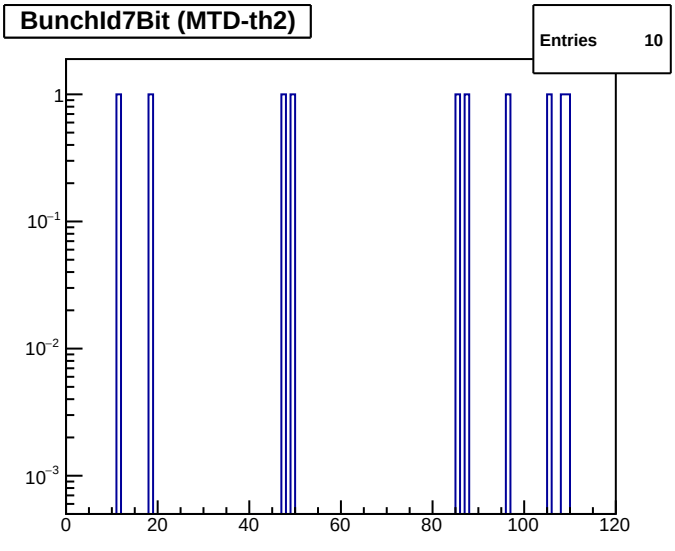

EM201E102Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

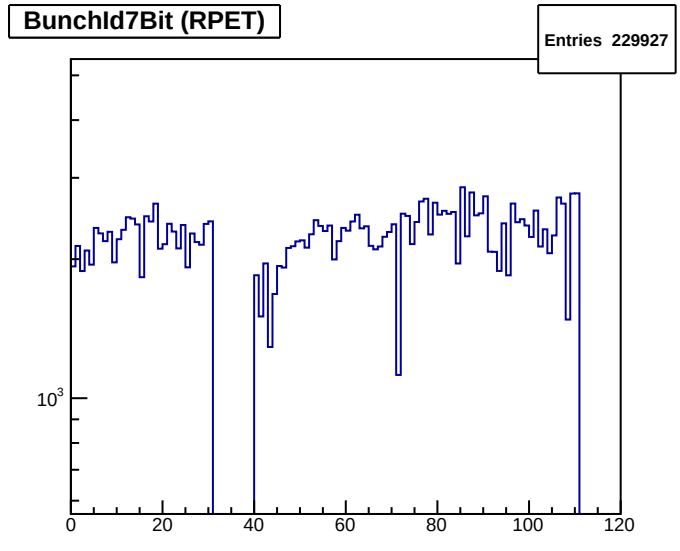

BunchId7Bit (BHT2)
Entries 30553

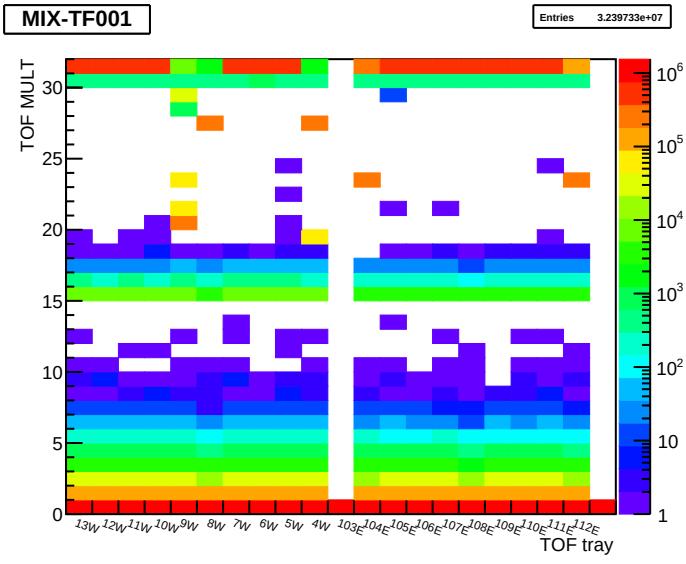

BunchId7Bit (JP2)
Entries 48673

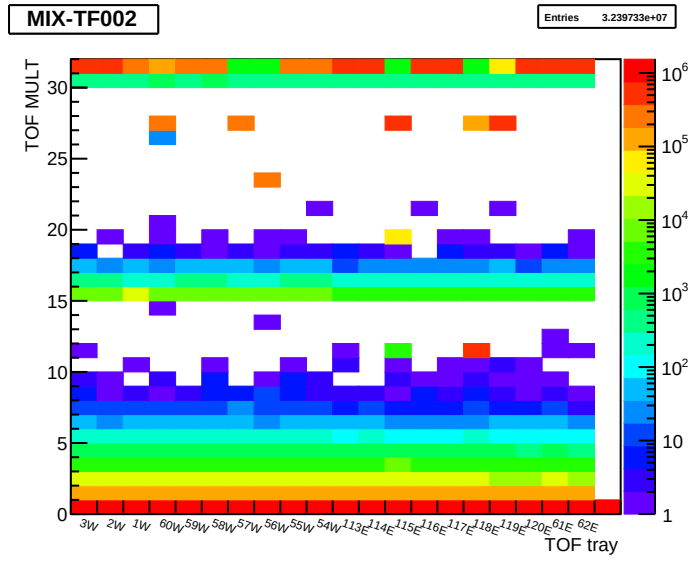

BunchId7Bit (BBC-TAC)
Entries1101893

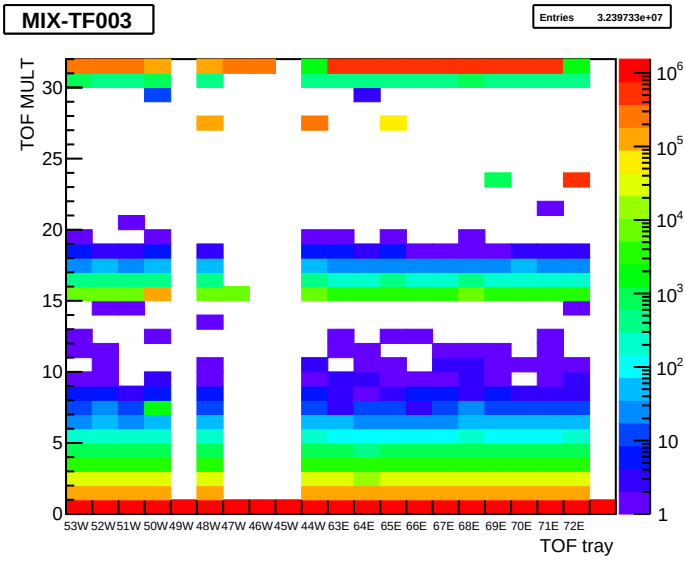

BunchId7Bit (VPD-TAC)
Entries 573379

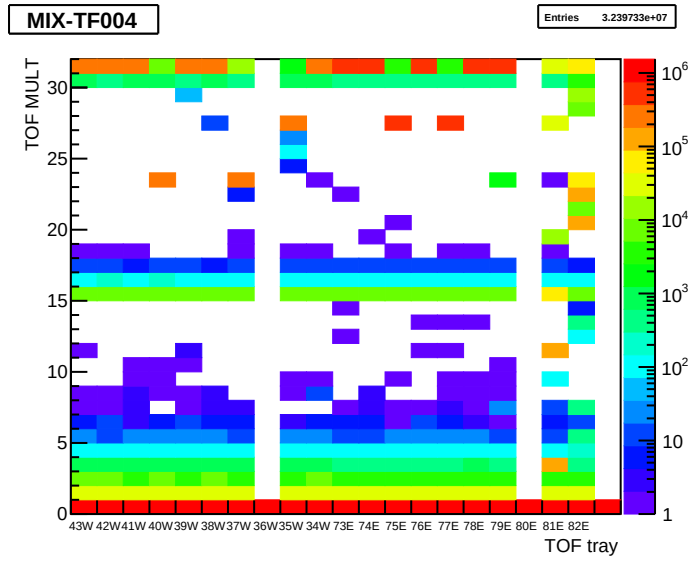

BunchId7Bit (MTD-th2)
Entries 10

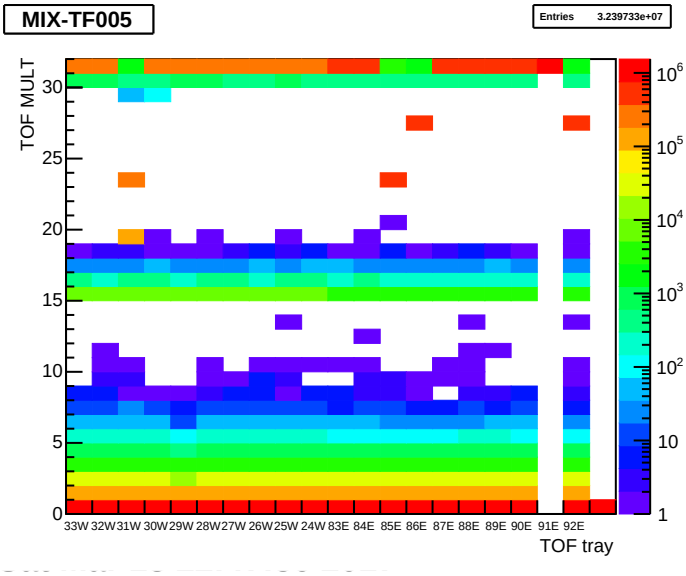

BunchId7Bit (RPET)
Entries 229927

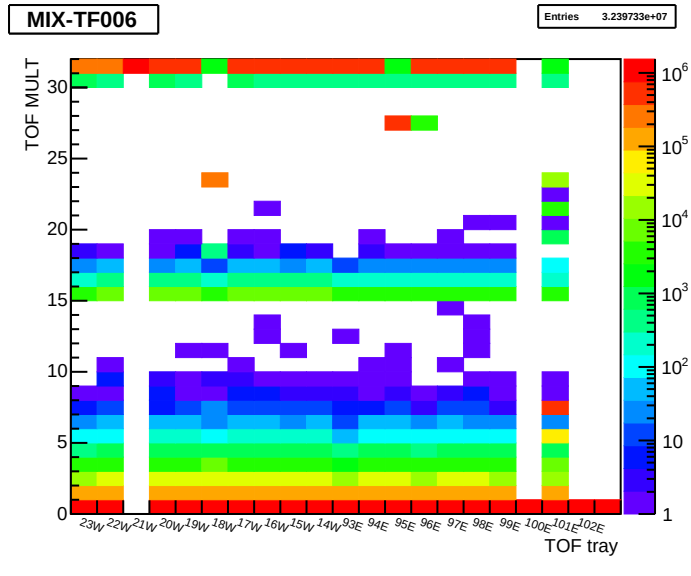

MIX-TF001
Entries 3.239733e+07
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

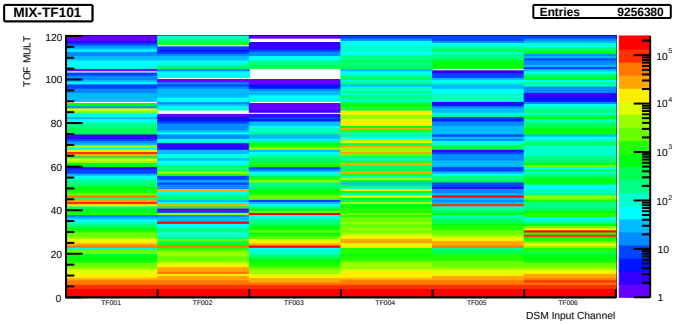

MIX-TF002
Entries 3.239733e+07
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

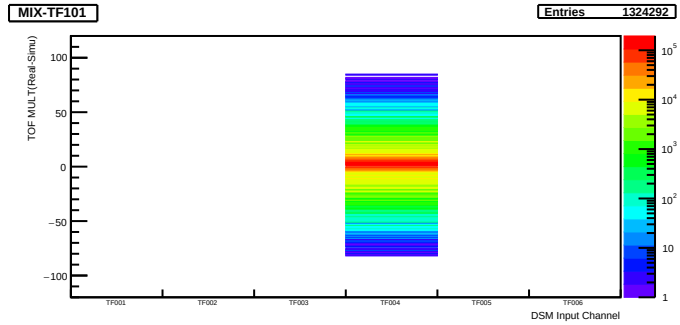

MIX-TF003
Entries 3.239733e+07
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

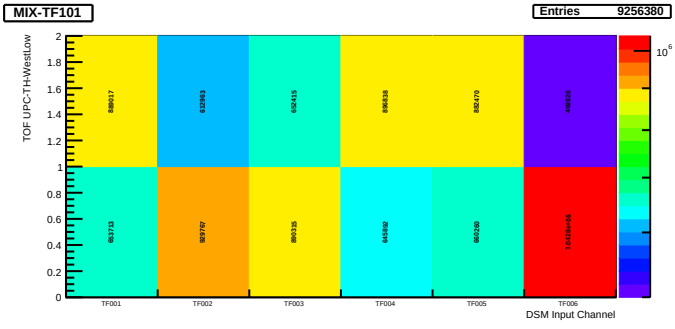

MIX-TF004
Entries 3.239733e+07
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

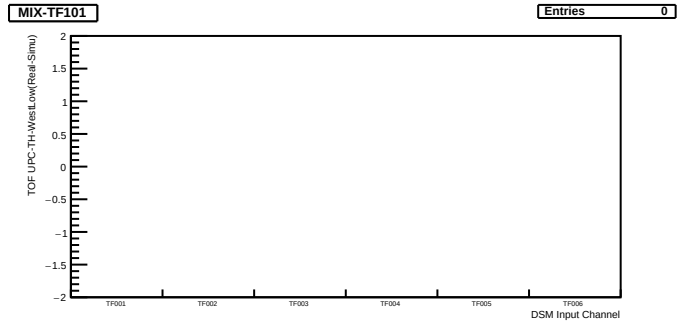

MIX-TF005
Entries 3.239733e+07
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

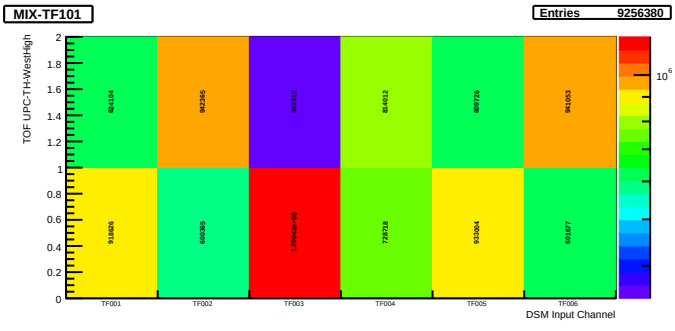

MIX-TF006
Entries 3.239733e+07
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

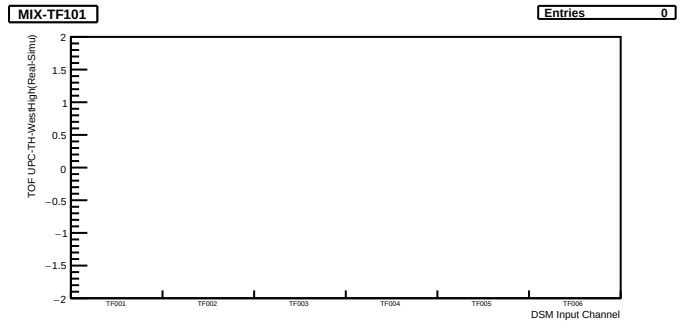

MIX-TF101
Entries 9256380
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

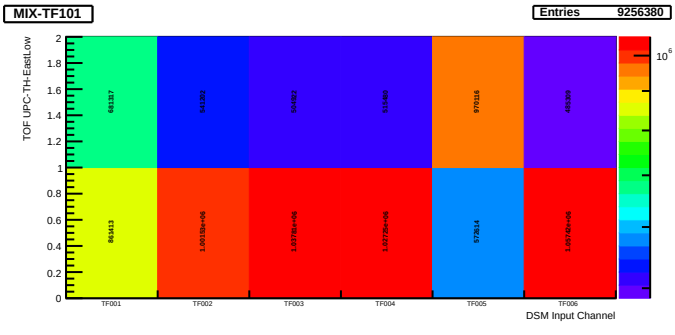

MIX-TF101
Entries 1324292
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

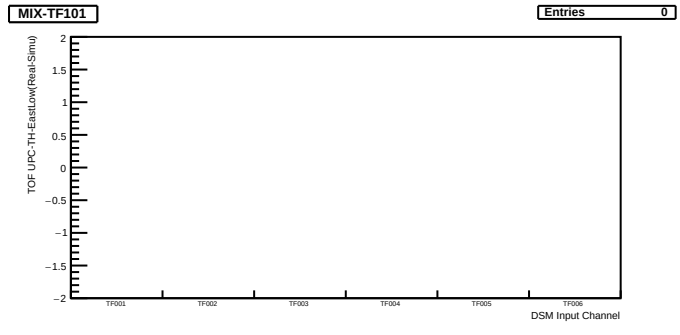

MIX-TF101
Entries 9256380
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

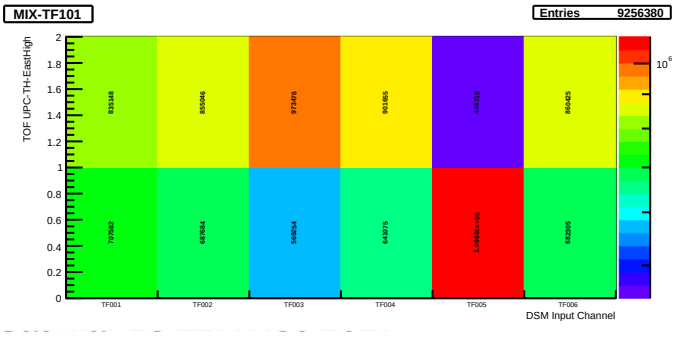

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

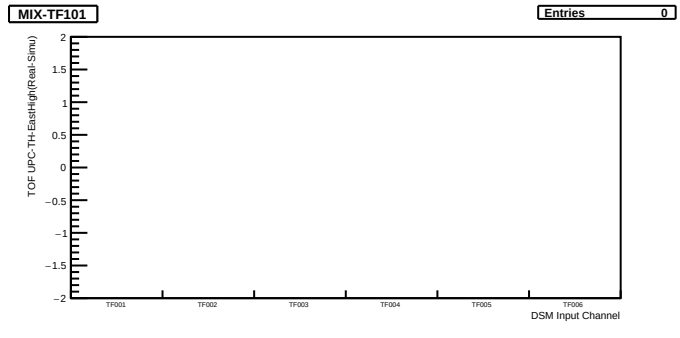

MIX-TF101
Entries 9256380
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

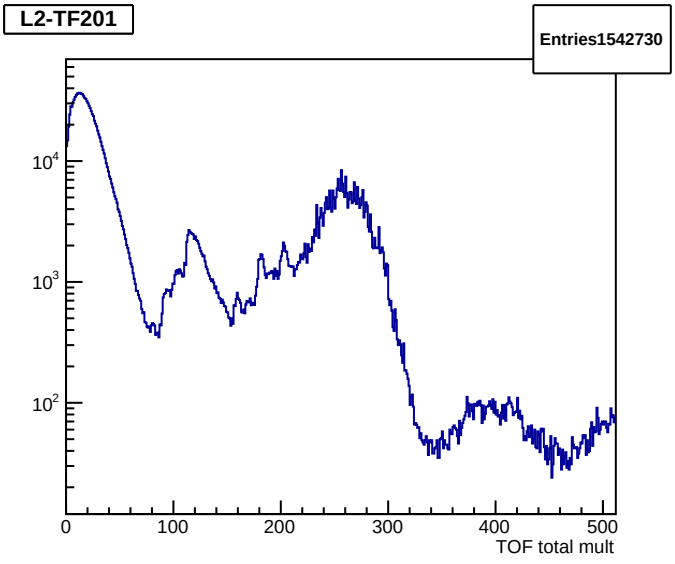

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

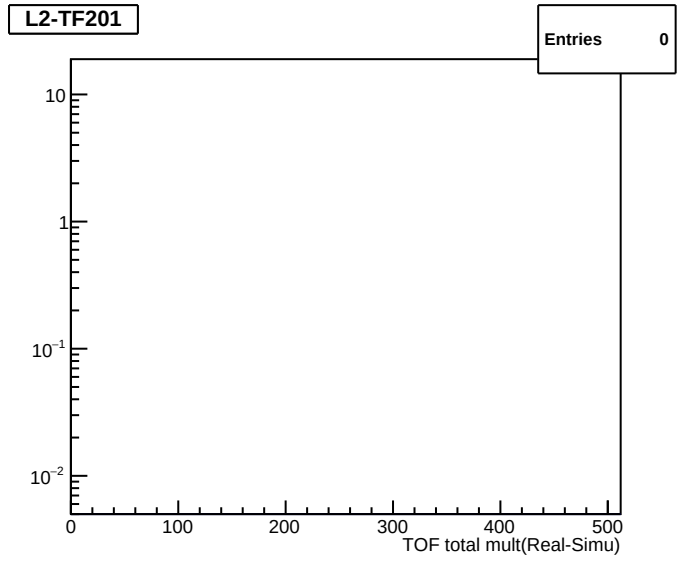

MIX-TF101
Entries 9256380
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

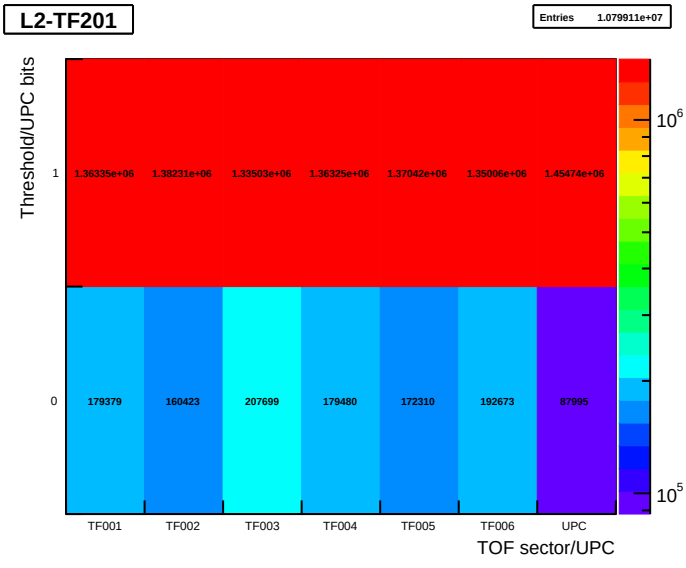

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

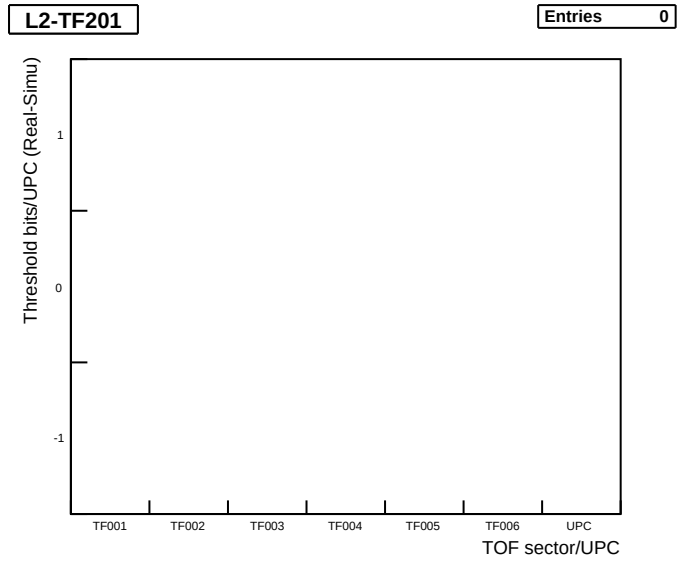

MIX-TF101
Entries 9256380
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

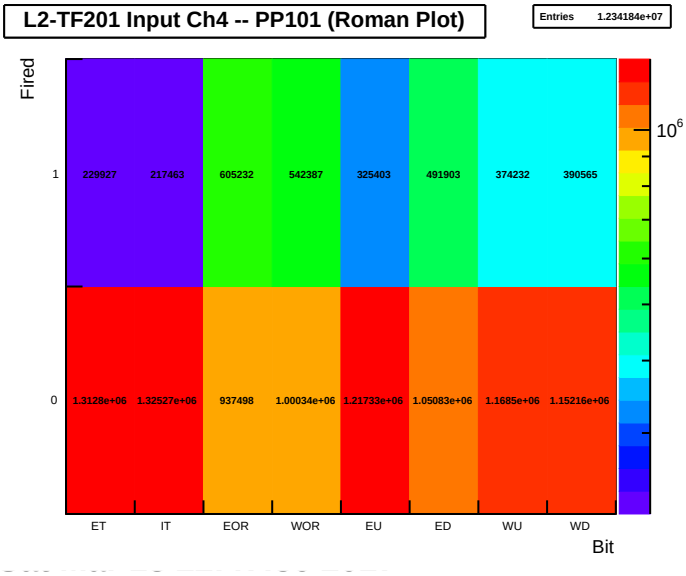

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

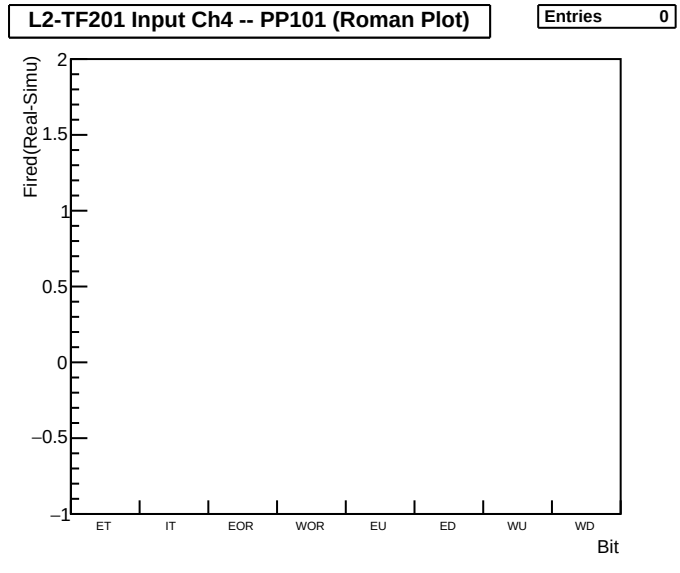

L2-TF201
Entries1542730
TOF total mult

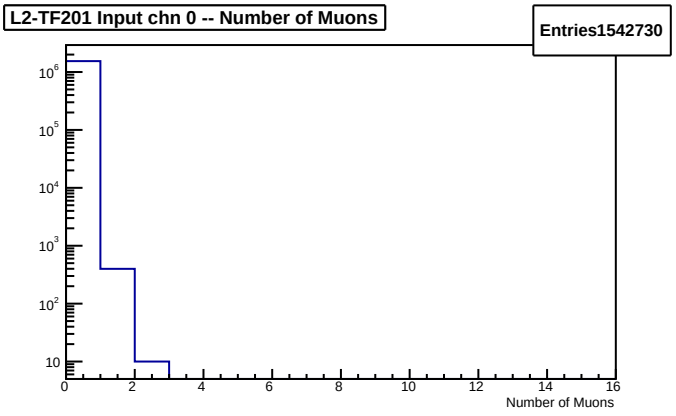

L2-TF201
Entries 0
TOF total mult(Real-Simu)

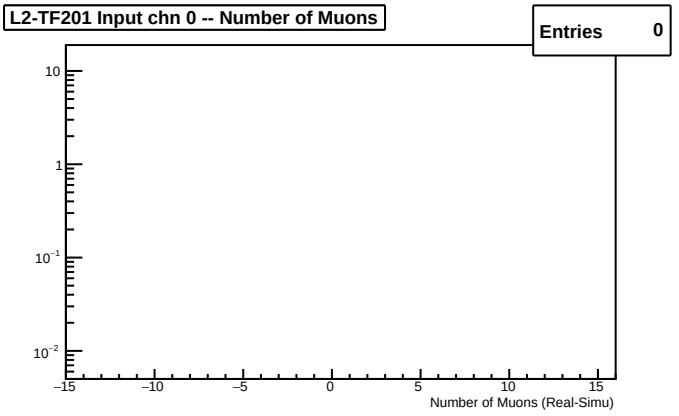

L2-TF201
Entries 1.079911e+07
Threshold/UPC bits
1.36335e+06
1.38231e+06
1.33503e+06
1.36325e+06
1.37042e+06
1.35006e+06
1.45474e+06
179379
160423
207699
179480
172310
192673
87995
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

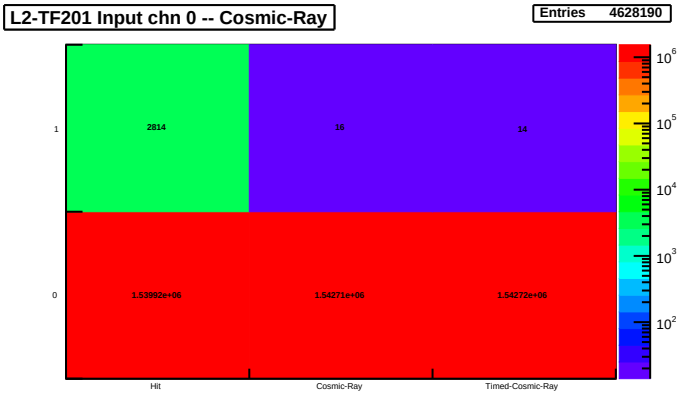

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

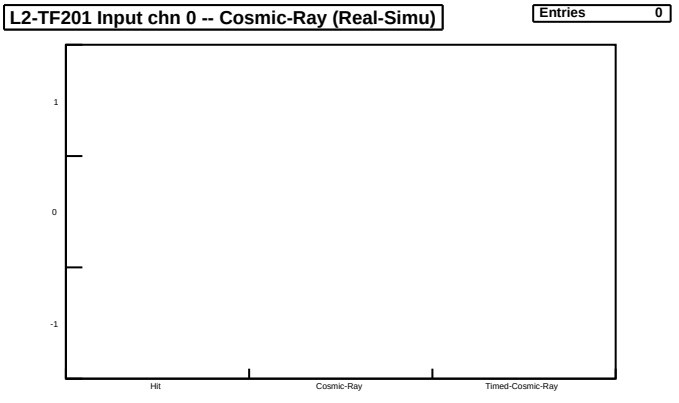

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 1.234184e+07
Fired
229927
217463
605232
542387
325403
491903
374232
390565
1.3128e+06
1.32527e+06
937498
1.00034e+06
1.21733e+06
1.05083e+06
1.1685e+06
1.15216e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

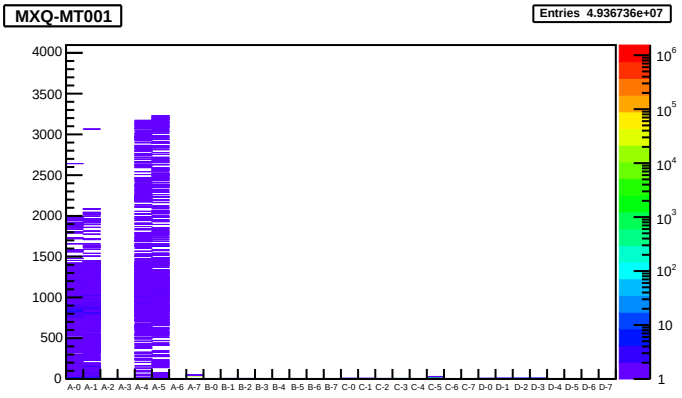

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

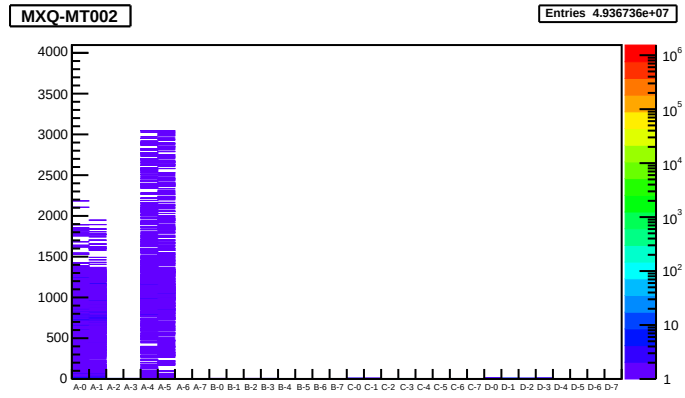

L2-TF201 Input chn 0 -- Number of Muons
Entries1542730
Number of Muons

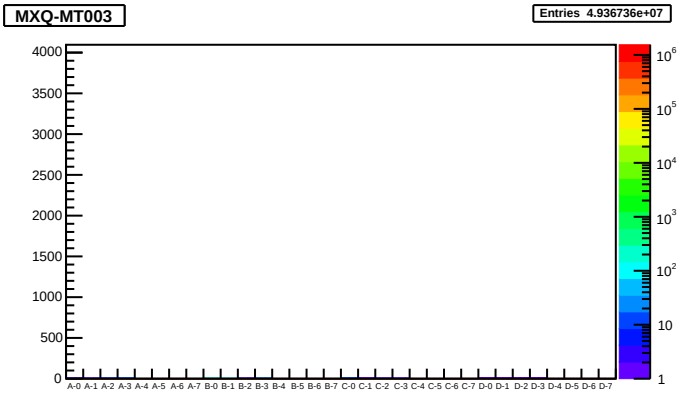

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)


L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 4628190
2814
16
14
1.53992e+06
1.54271e+06
1.54272e+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 4.936736e+07
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1


MXQ-MT002
Entries 4.936736e+07
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1


MXQ-MT003
Entries 4.936736e+07
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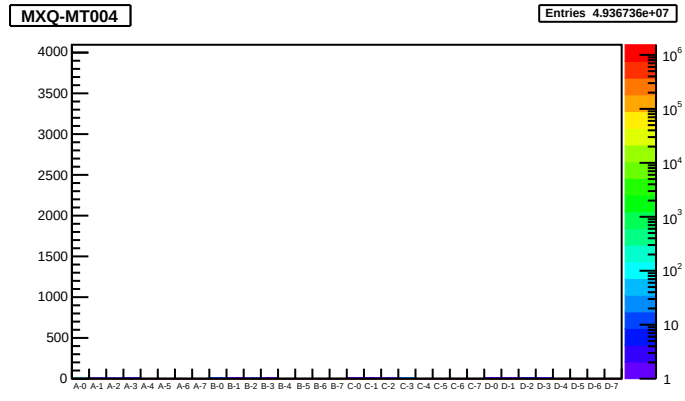
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1


MXQ-MT004
Entries 4.936736e+07
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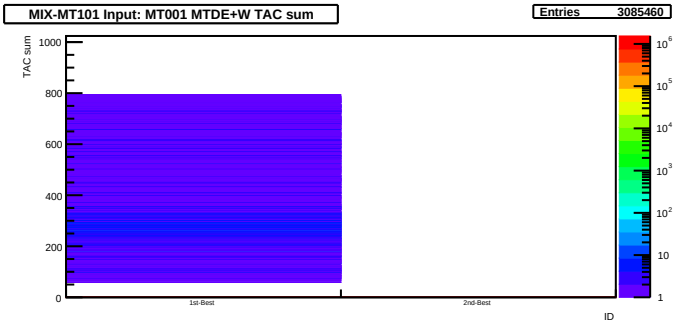
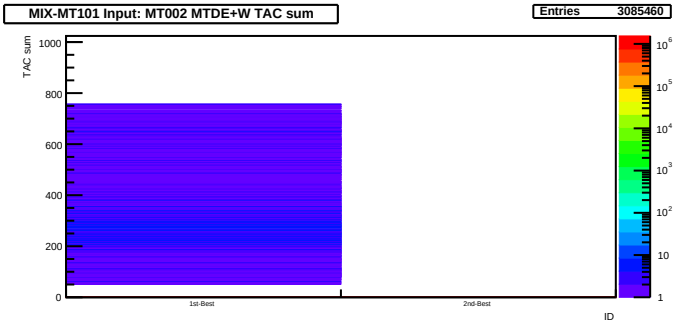
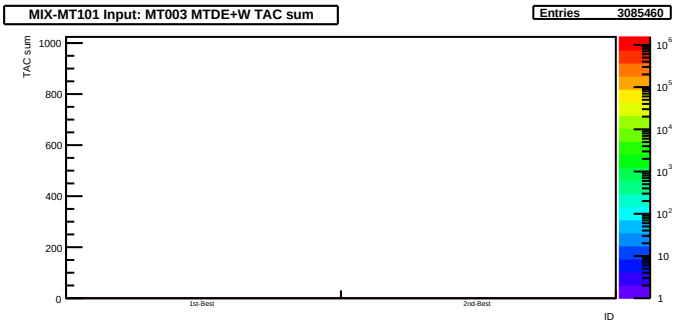
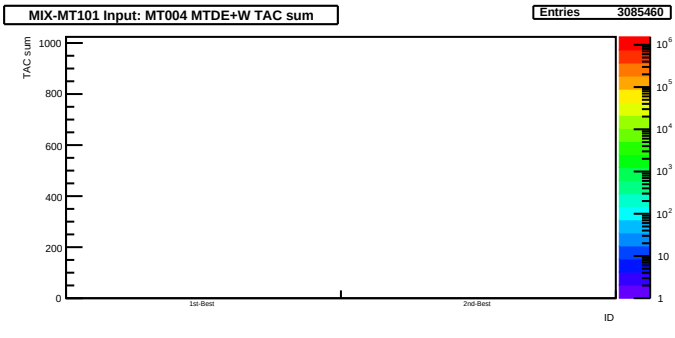
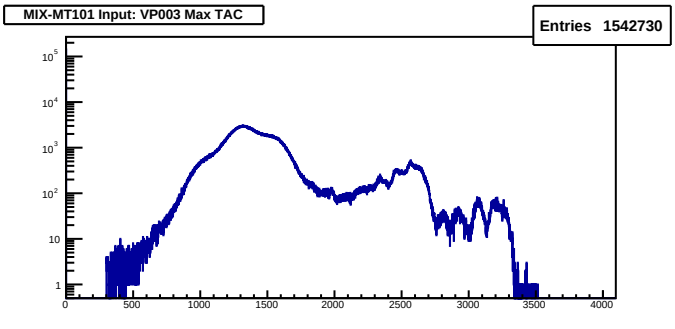
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

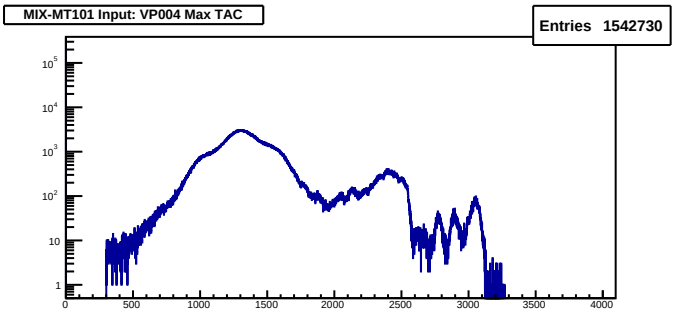

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 3085460
TAC sum
1st-Best
2nd-Best
ID

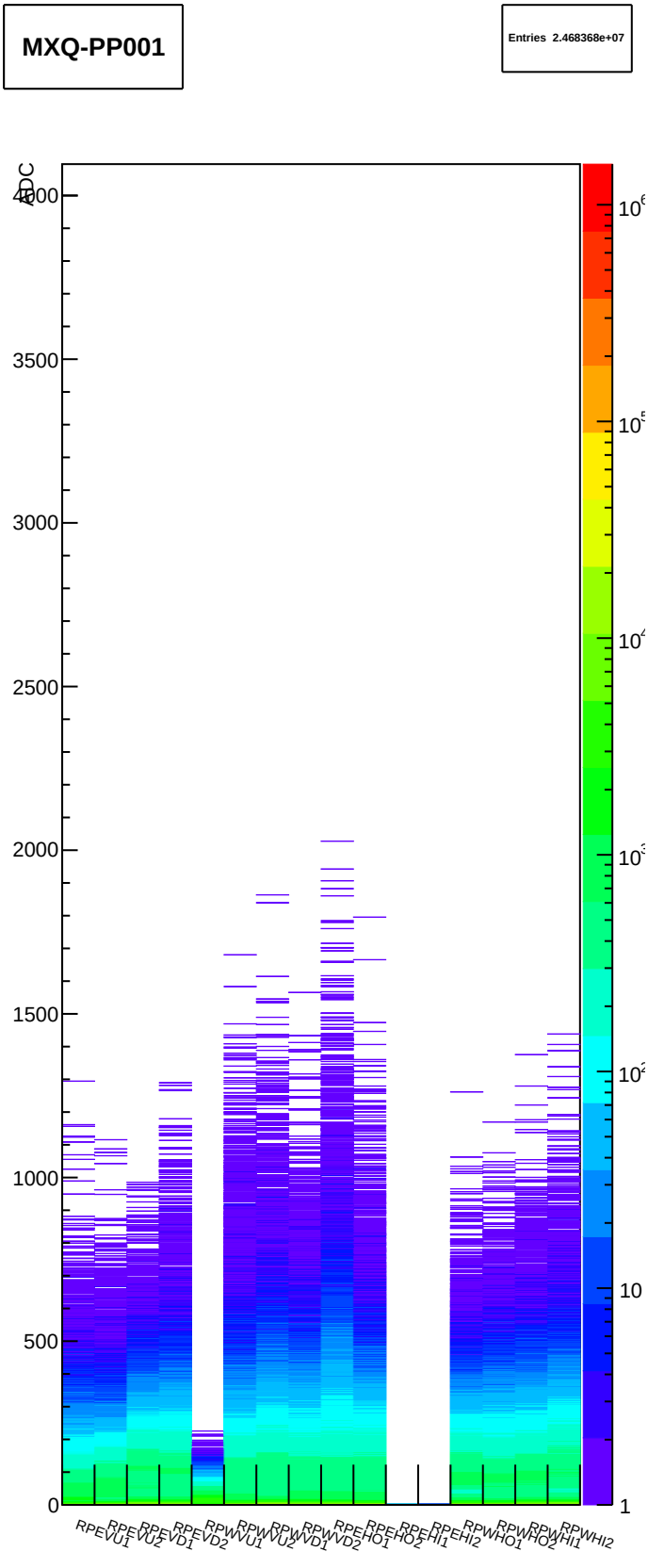

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 3085460
TAC sum
1st-Best
2nd-Best
ID

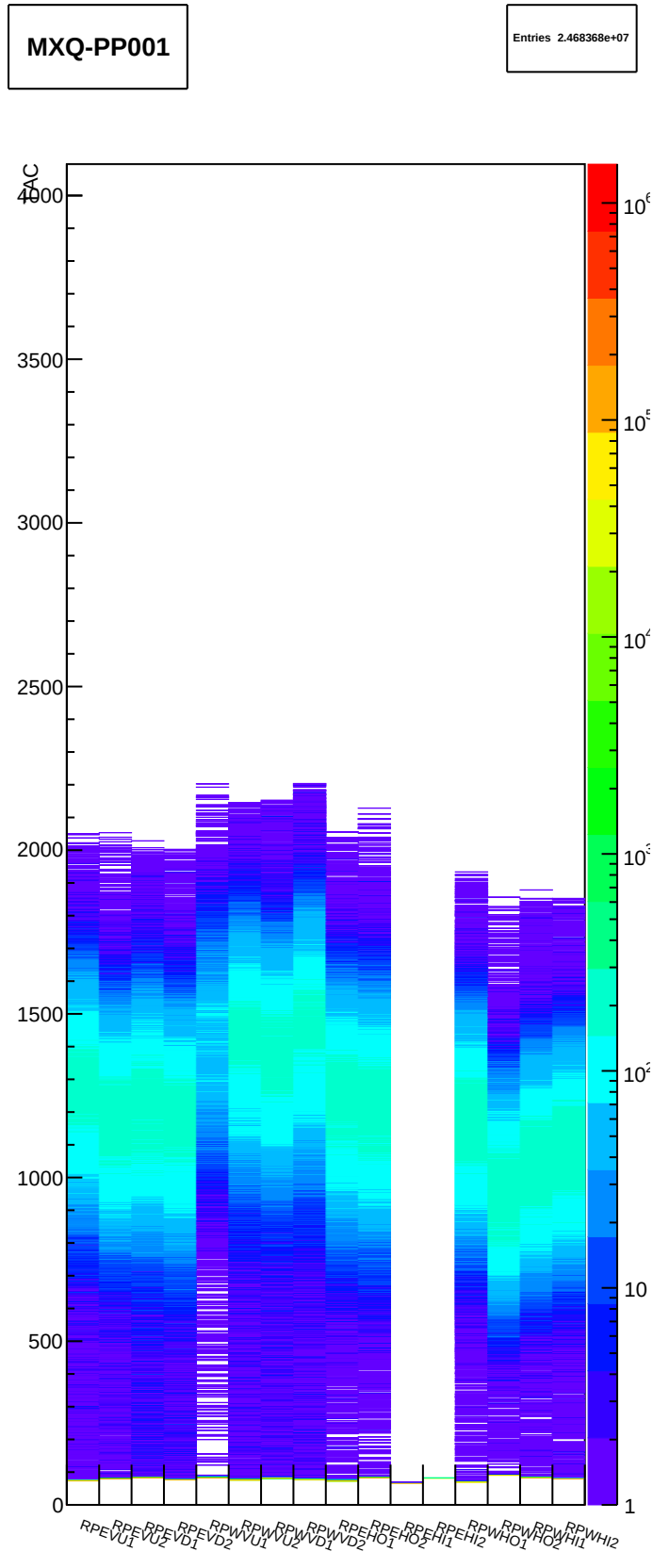

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 3085460
TAC sum
1st-Best
2nd-Best
ID


MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 3085460
TAC sum
1st-Best
2nd-Best
ID


MIX-MT101 Input: VP003 Max TAC
Entries 1542730


MIX-MT101 Input: VP004 Max TAC
Entries 1542730


MXQ-PP001
Entries 2.468368e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10
10^2
10^3
10^4
10^5
10^6


MXQ-PP001
Entries 2.468368e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
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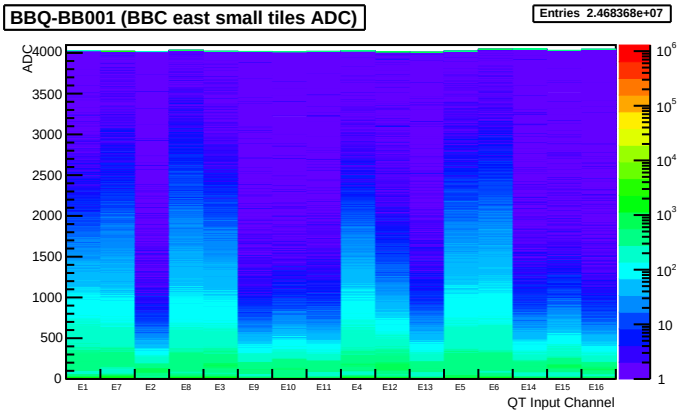
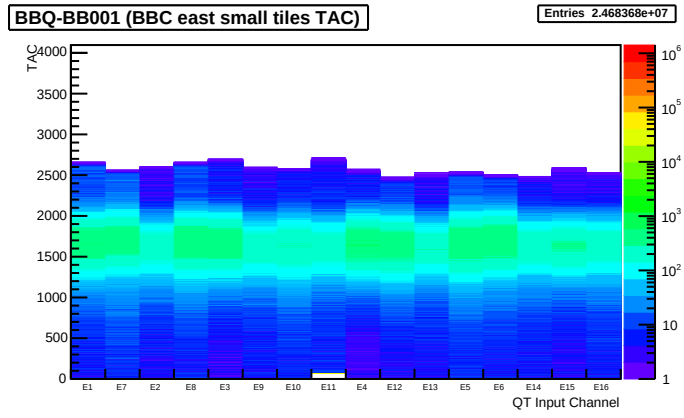
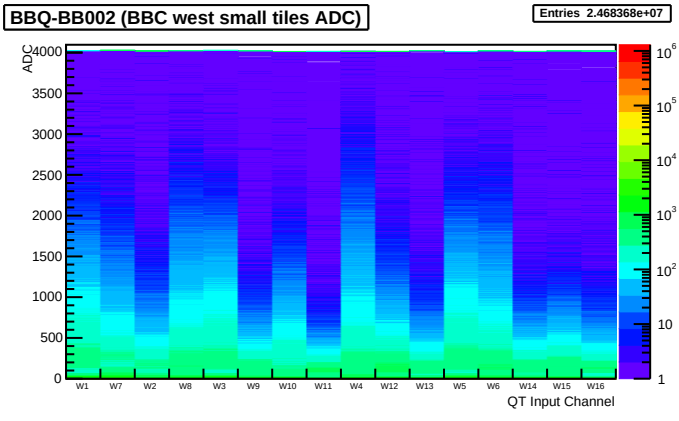
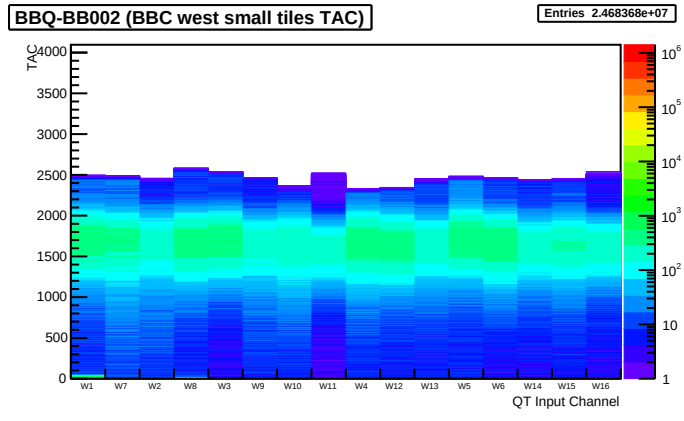
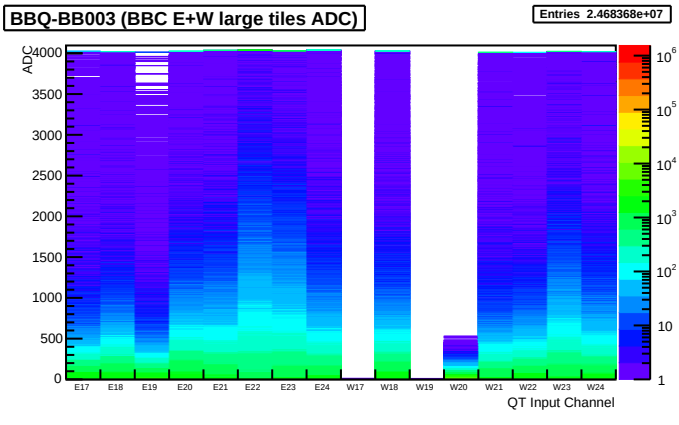
10^2
10^3
10^4
10^5
10^6

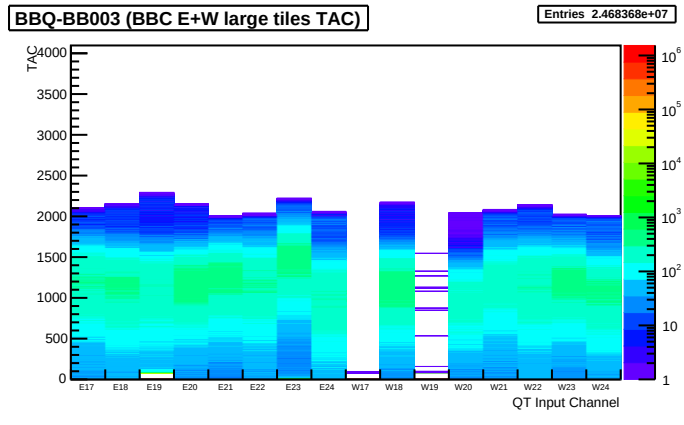

BBQ-BB001 (BBC east small tiles ADC)
Entries 2.468368e+07
ADC
QT Input Channel

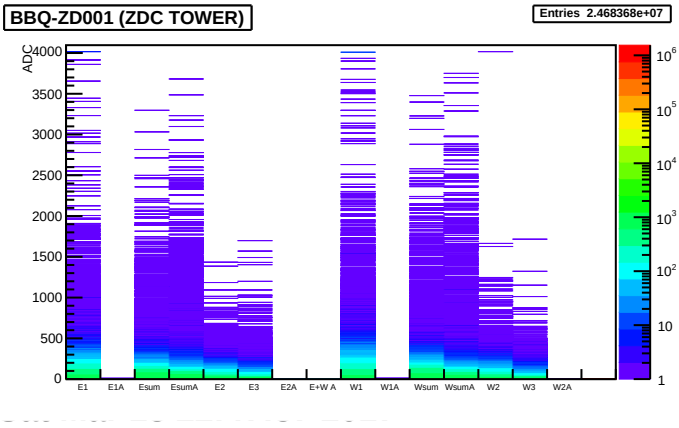

BBQ-BB001 (BBC east small tiles TAC)
Entries 2.468368e+07
TAC
QT Input Channel

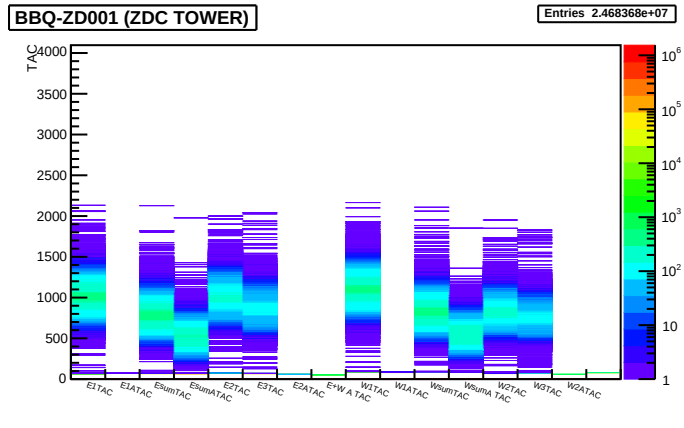

BBQ-BB002 (BBC west small tiles ADC)
Entries 2.468368e+07
ADC
QT Input Channel

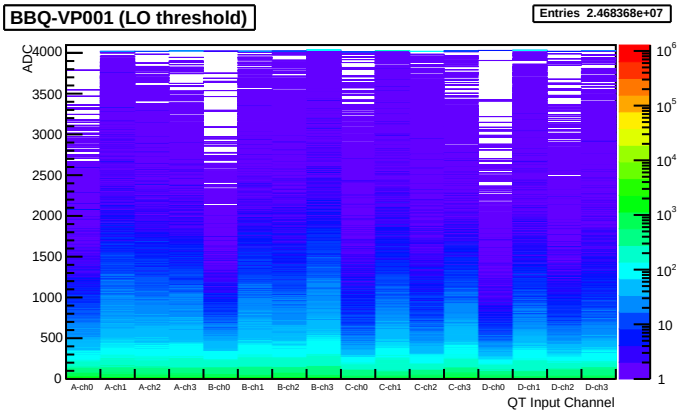

BBQ-BB002 (BBC west small tiles TAC)
Entries 2.468368e+07
TAC
QT Input Channel

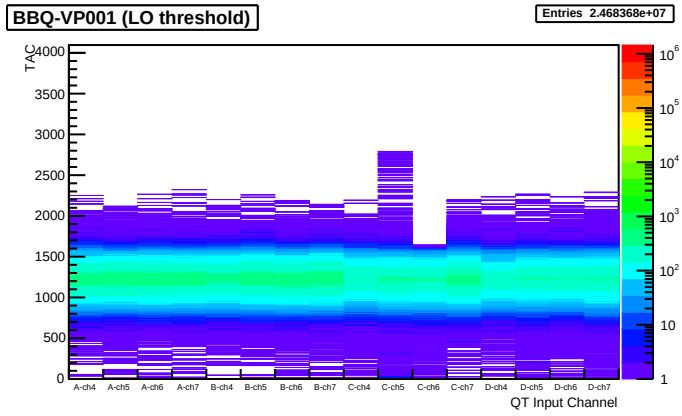

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 2.468368e+07
ADC
QT Input Channel

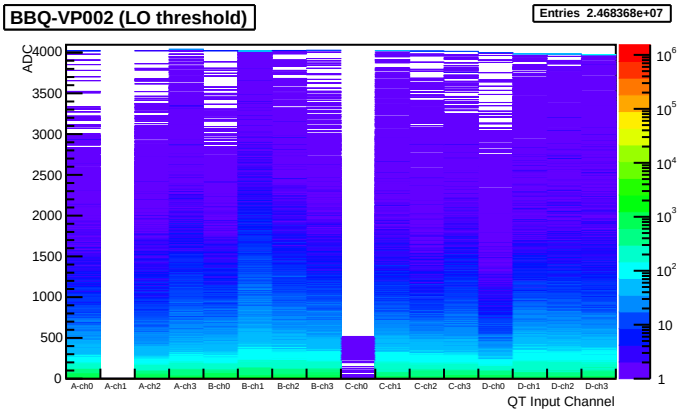

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 2.468368e+07
TAC
QT Input Channel

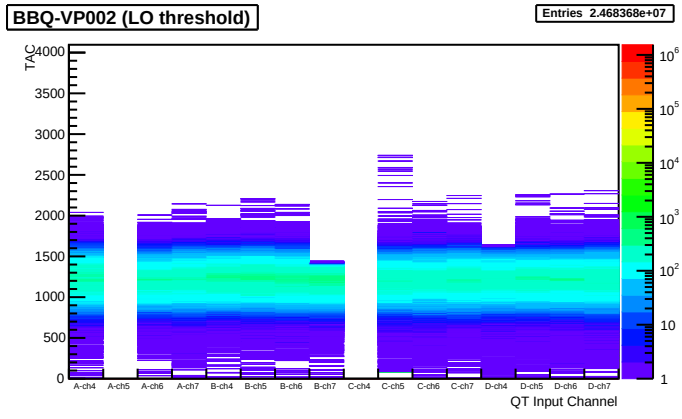

BBQ-ZD001 (ZDC TOWER)
Entries 2.468368e+07
ADC

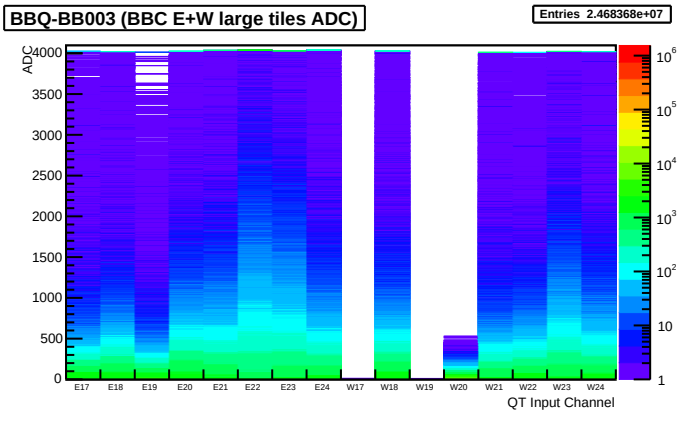

BBQ-ZD001 (ZDC TOWER)
Entries 2.468368e+07
TAC

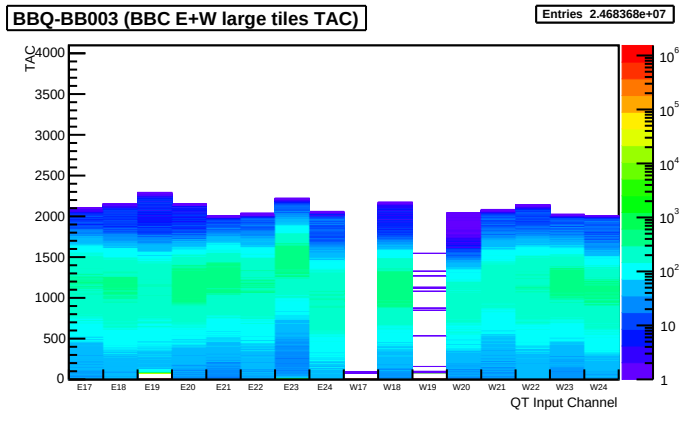

BBQ-VP001 (LO threshold)
Entries 2.468368e+07
ADC
QT Input Channel

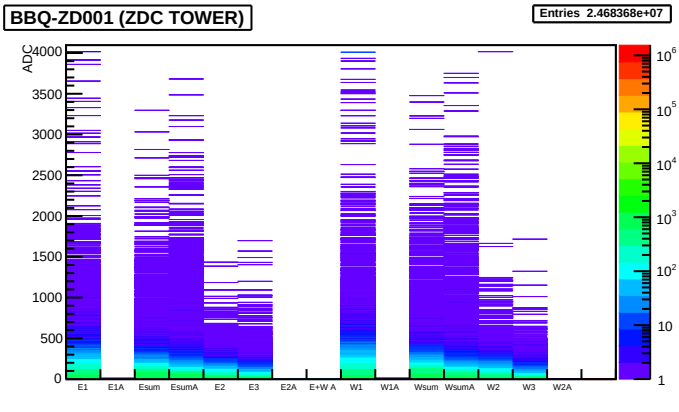

BBQ-VP001 (LO threshold)
Entries 2.468368e+07
TAC
QT Input Channel

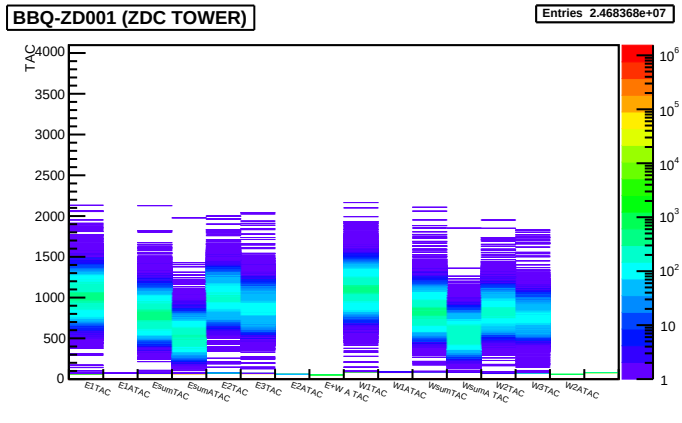

BBQ-VP002 (LO threshold)
Entries 2.468368e+07
ADC
QT Input Channel

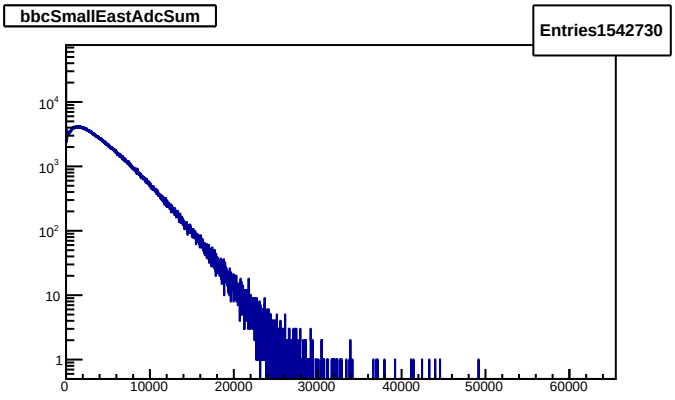

BBQ-VP002 (LO threshold)
Entries 2.468368e+07
TAC
QT Input Channel

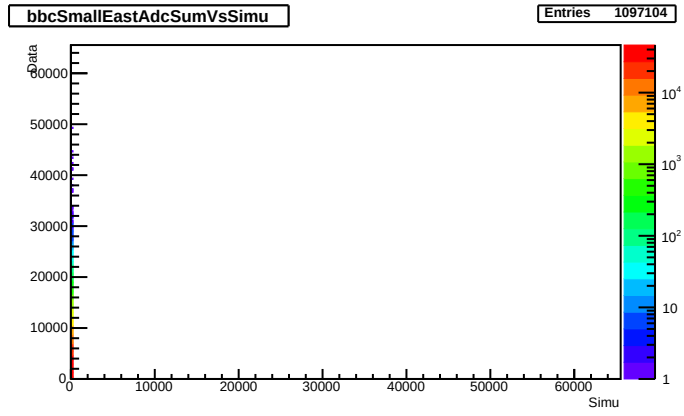

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 2.468368e+07
ADC
QT Input Channel

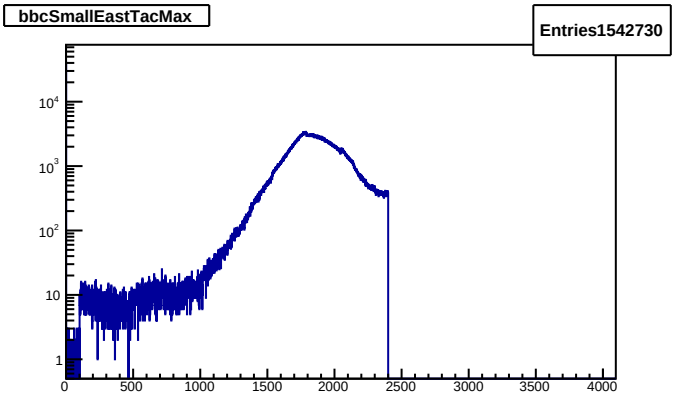

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 2.468368e+07
TAC
QT Input Channel

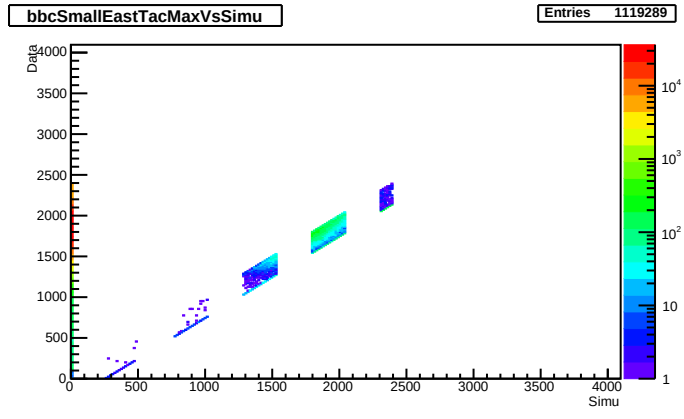

BBQ-ZD001 (ZDC TOWER)
Entries 2.468368e+07
ADC


BBQ-ZD001 (ZDC TOWER)
Entries 2.468368e+07
TAC


bbcSmallEastAdcSum
Entries1542730


bbcSmallEastAdcSumVsSimu
Entries 1097104
Data
Simu


bbcSmallEastTacMax
Entries1542730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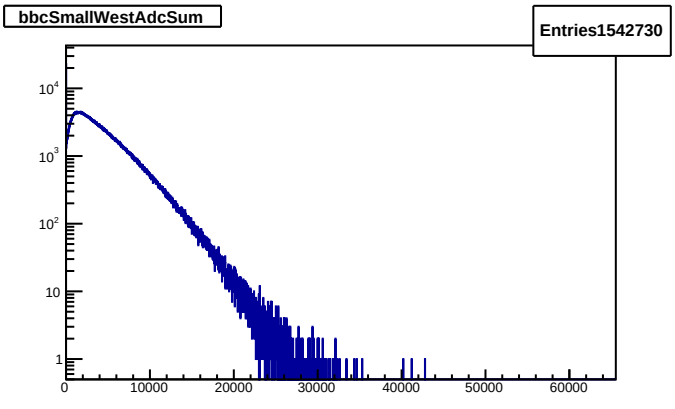
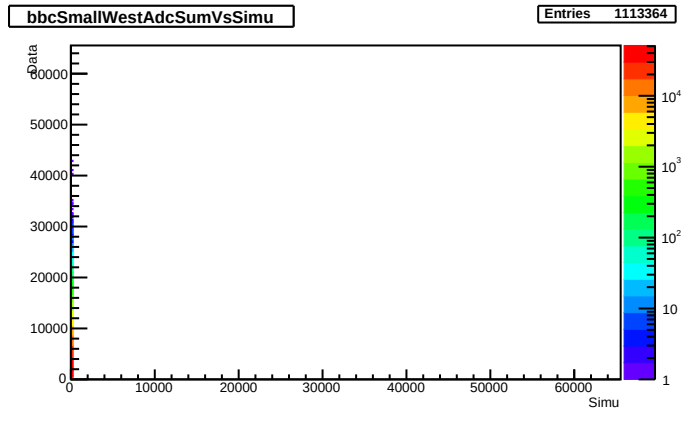
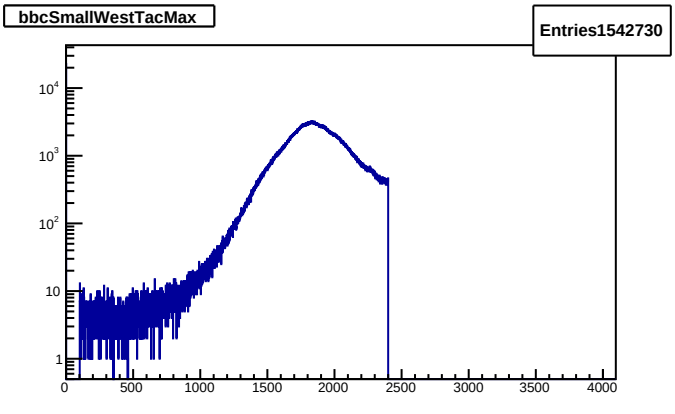
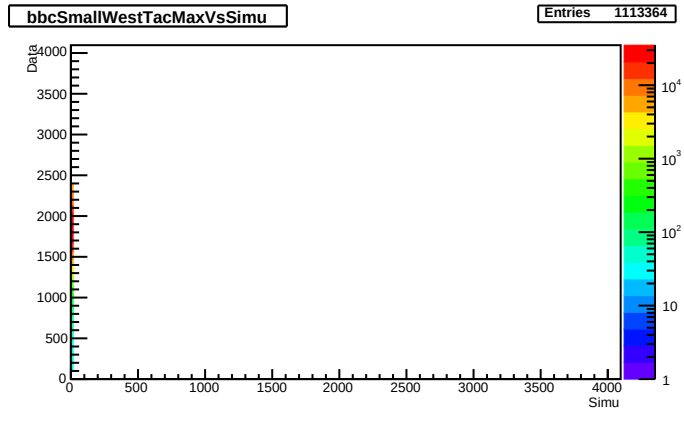
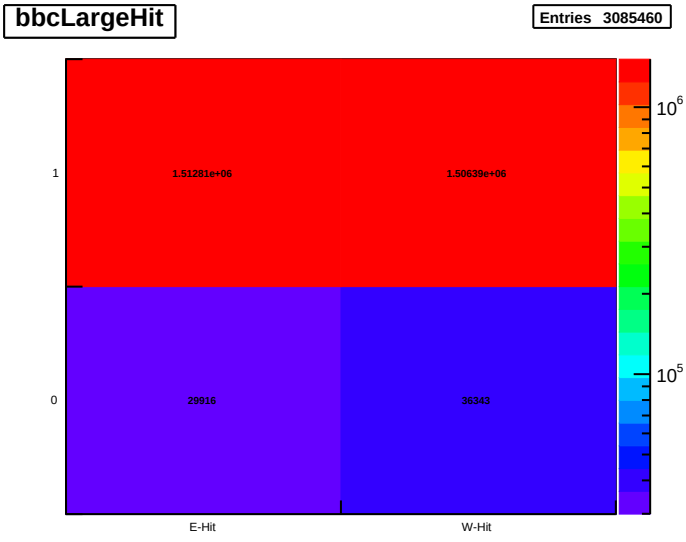
Entries 1119289
Data
Simu


bbcSmallWestAdcSum
Entries1542730


bbcSmallWestAdcSumVsSimu
Entries 1113364
Data
Simu


bbcSmallWestTacMax
Entries1542730


bbcSmallWestTacMaxVsSimu
Entries 1113364
Data
Simu


bbcLargeHit
Entries 3085460
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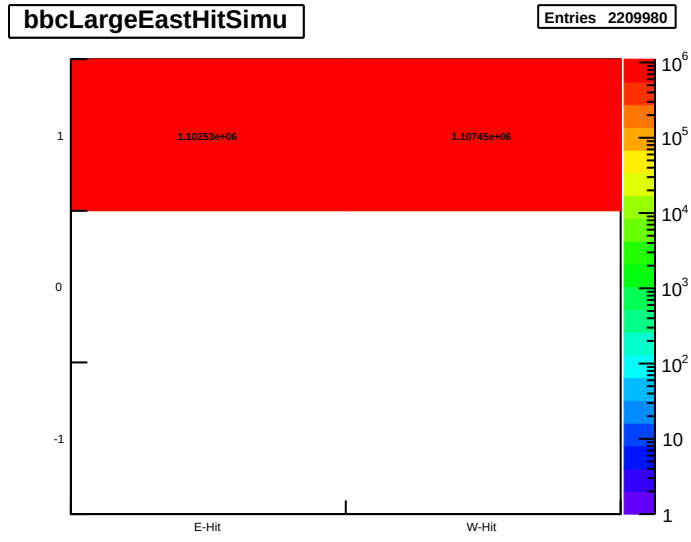
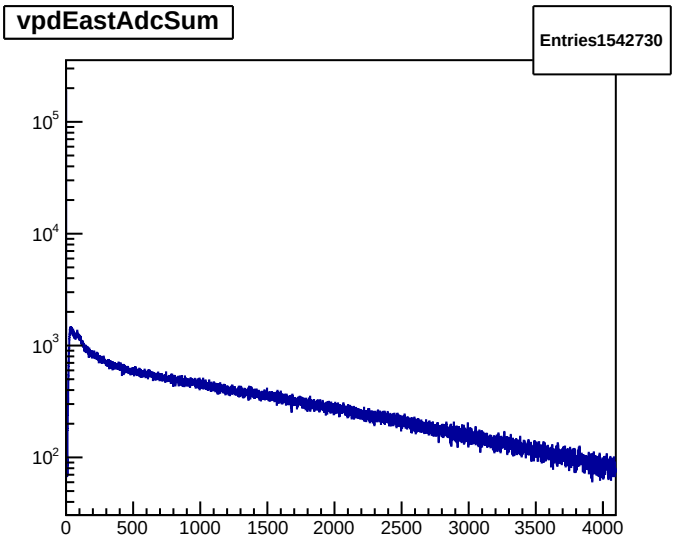
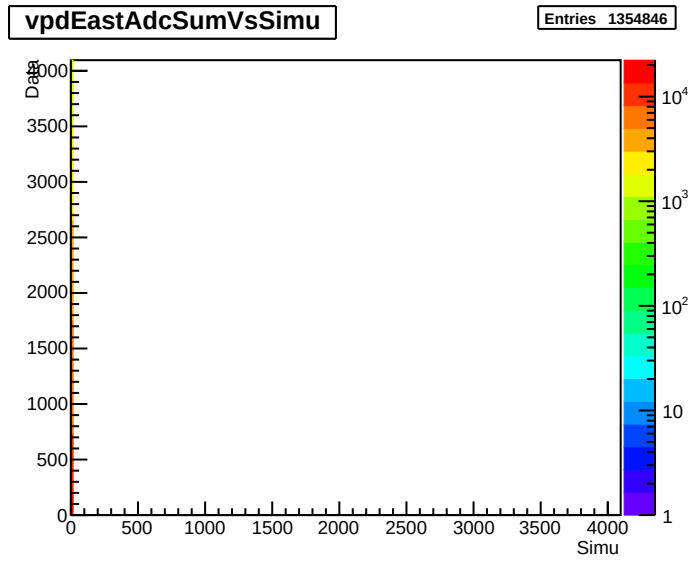
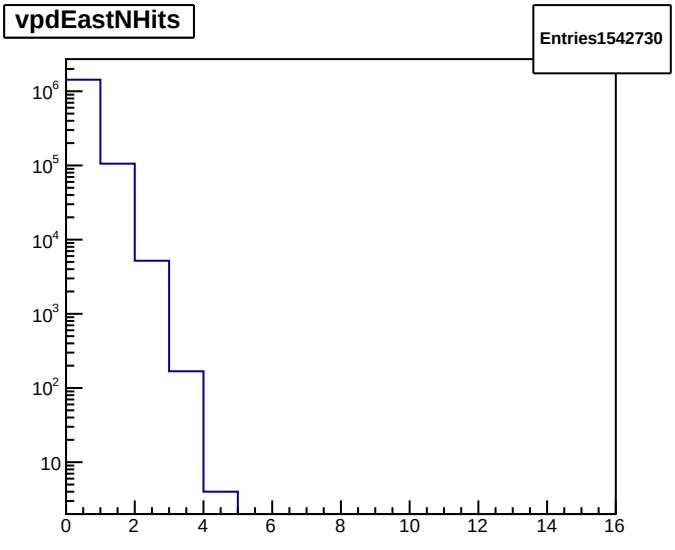
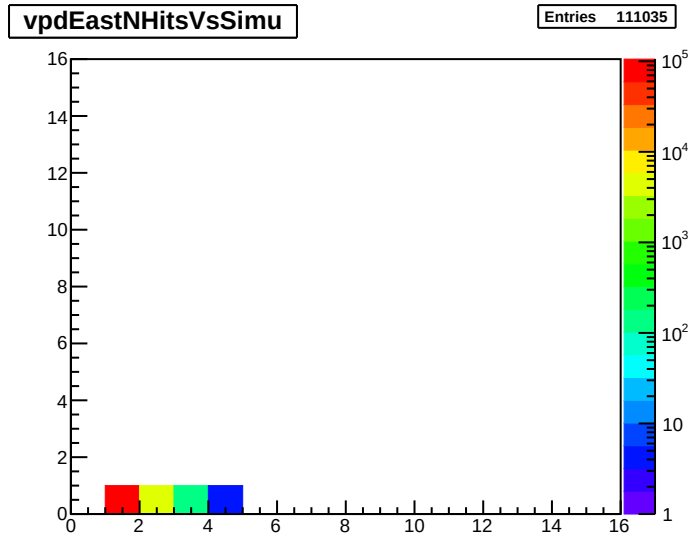
1.50639e+06
29916
36343
1
0
E-Hit
W-Hit
10^6
10^5

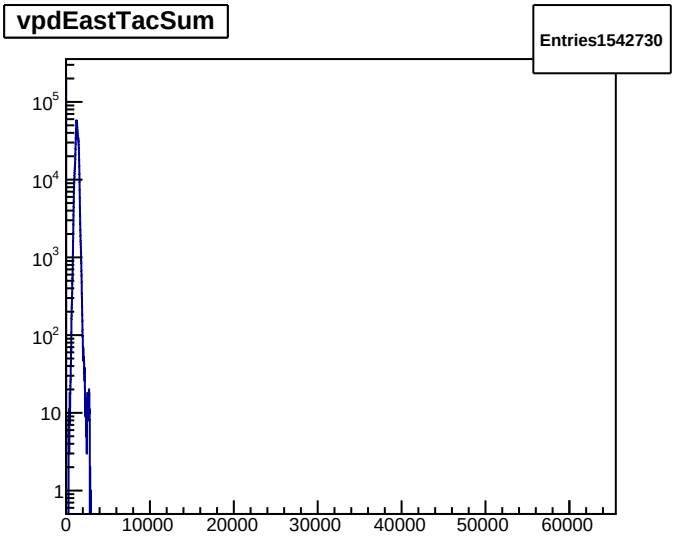

bbcLargeEastHitSimu
Entries 2209980
1.10253e+06
1.10745e+06
1
0
-1
E-Hit
W-Hit
10^6
10^5
10^4
10^3
10^2
10
1

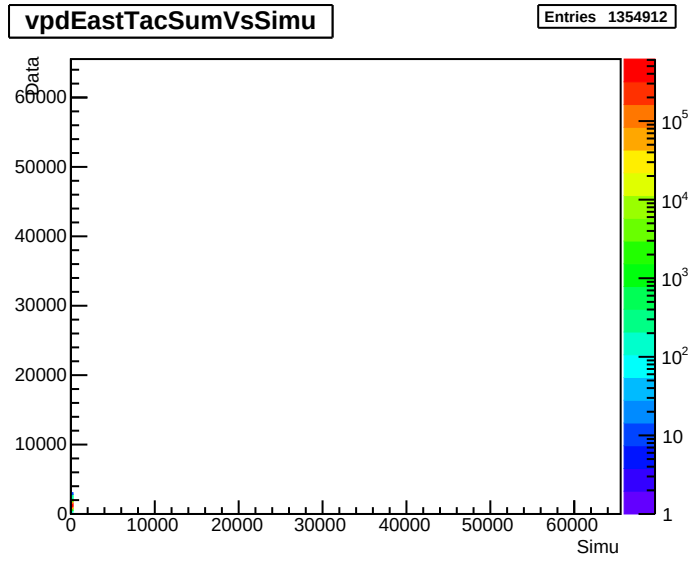

vpdEastAdcSum
Entries1542730

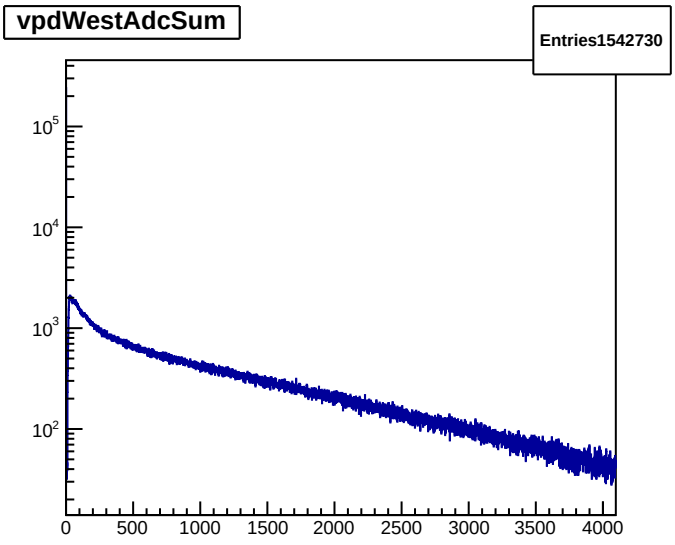

vpdEastAdcSumVsSimu
Entries 1354846
Data
Simu

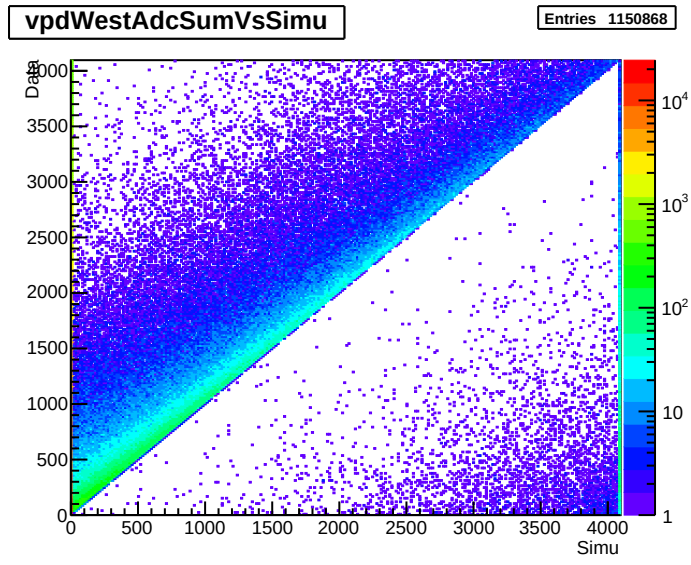

vpdEastNHits
Entries1542730

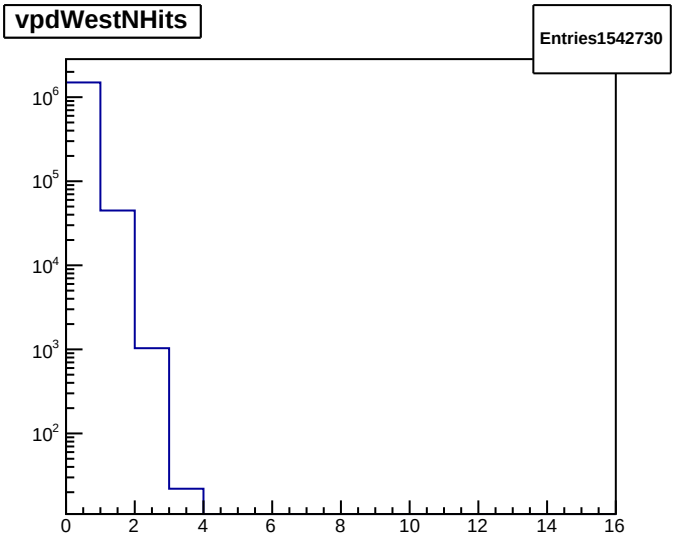

vpdEastNHitsVsSimu
Entries 111035

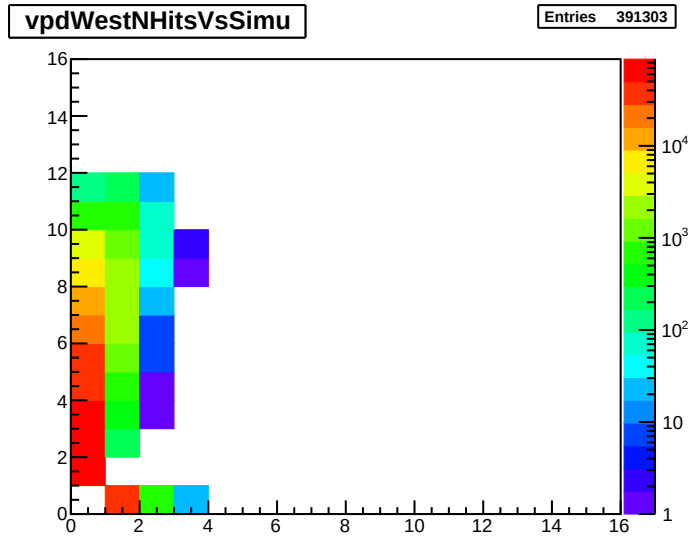

vpdEastTacSum
Entries1542730

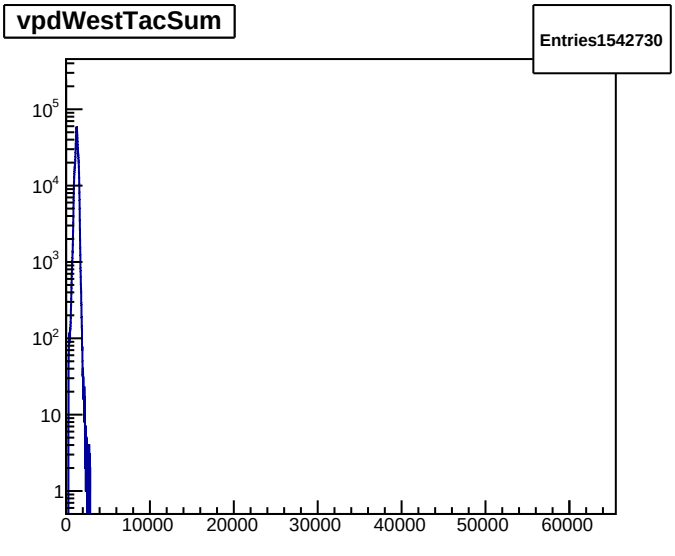

vpdEastTacSumVsSimu
Entries 1354912
Data
Simu

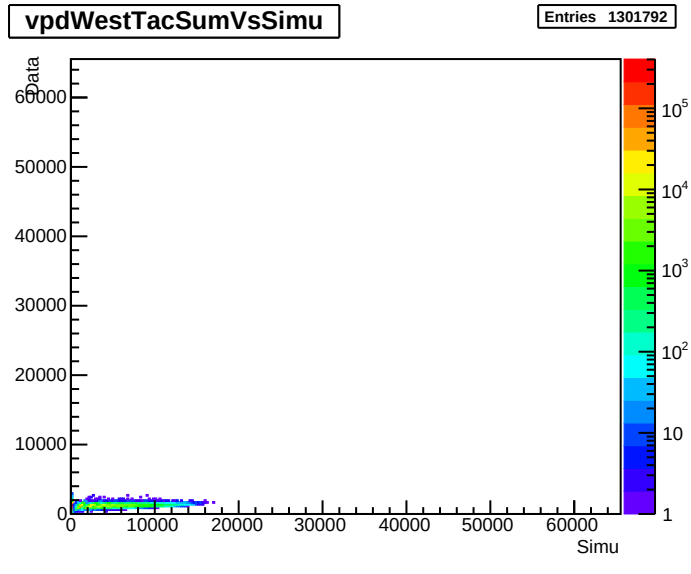

vpdWestAdcSum
Entries1542730

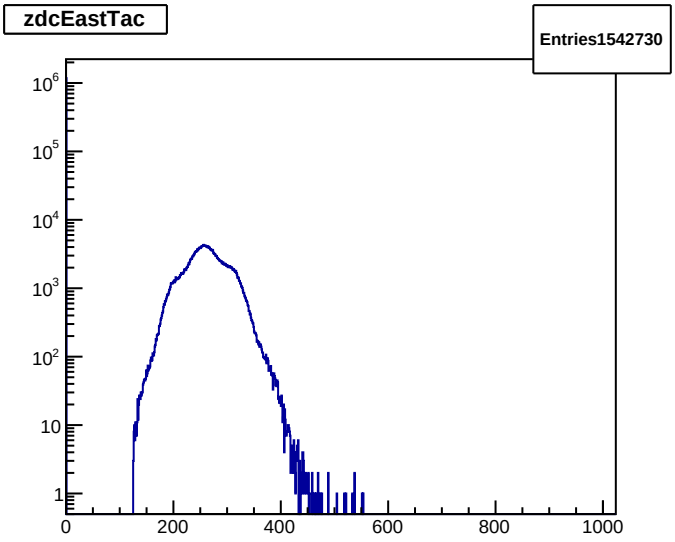

vpdWestAdcSumVsSimu
Entries 1150868
Data
Simu

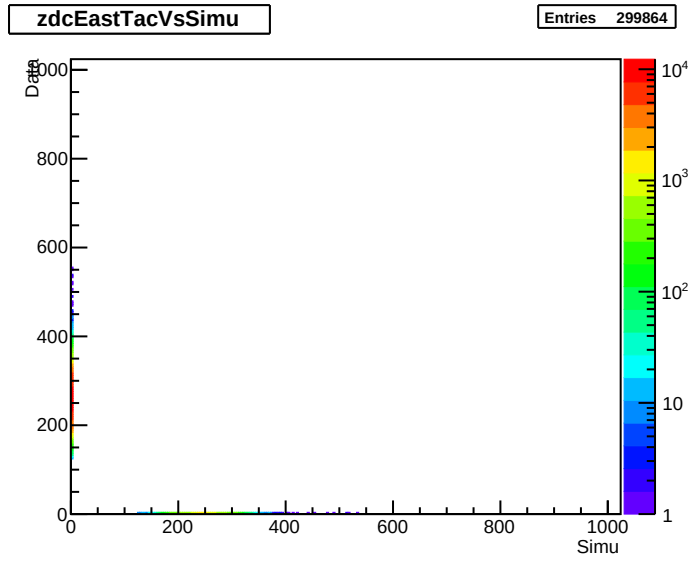

vpdWestNHits
Entries1542730

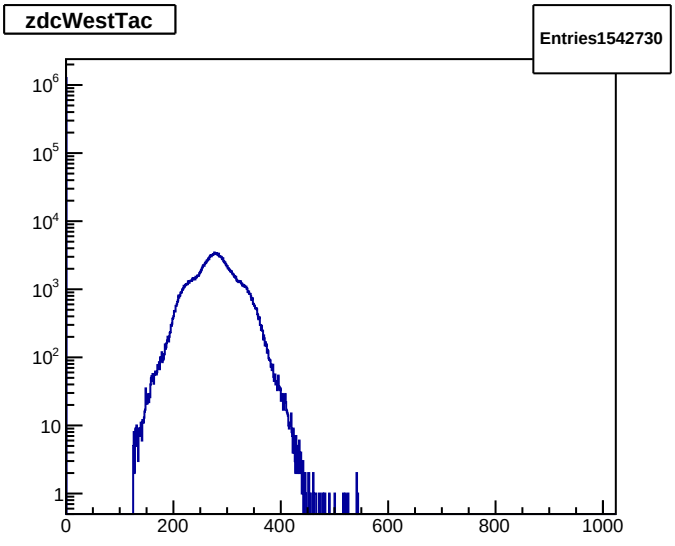

vpdWestNHitsVsSimu
Entries 391303

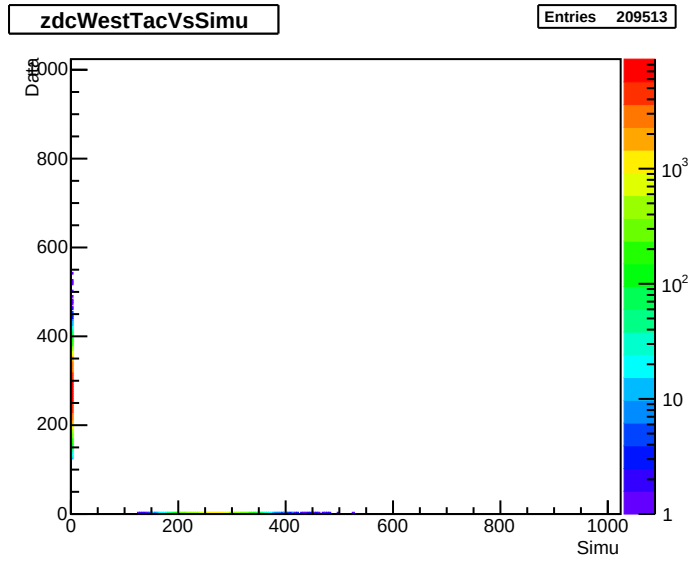

vpdWestTacSum
Entries1542730

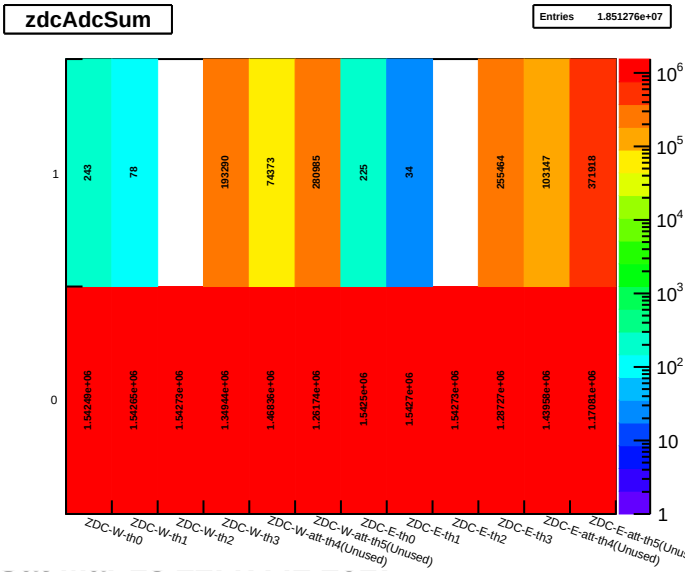

vpdWestTacSumVsSimu
Entries 1301792
Data
Simu

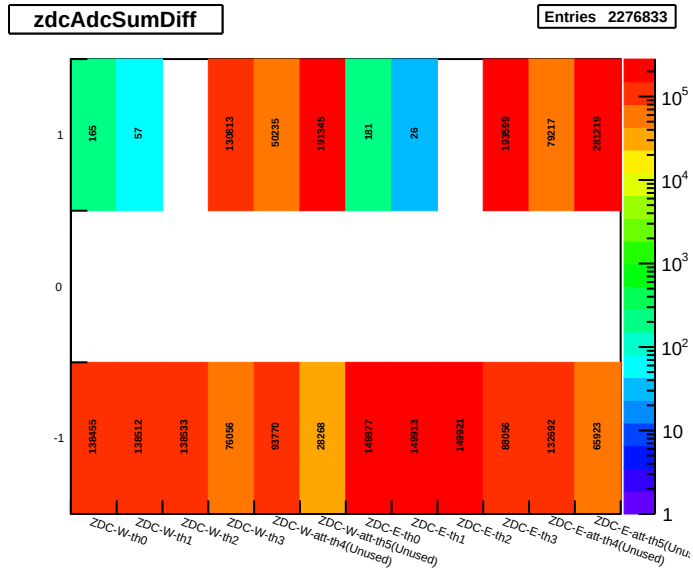

zdcEastTac
Entries1542730

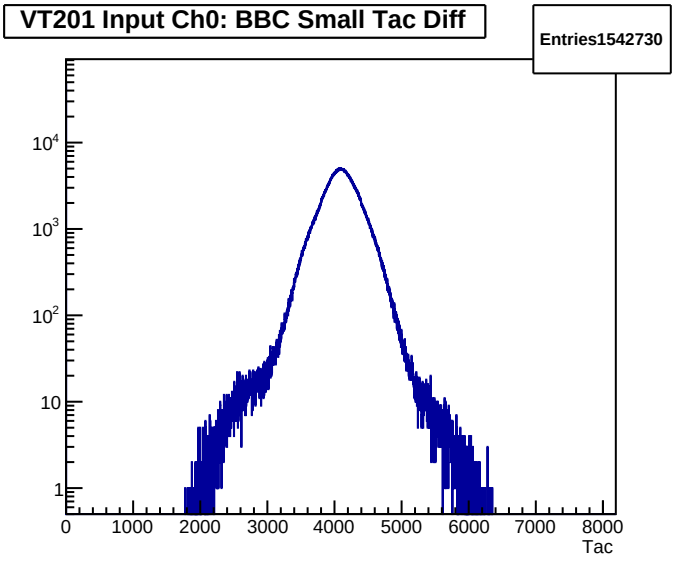

zdcEastTacVsSimu
Entries 299864
Data
Simu

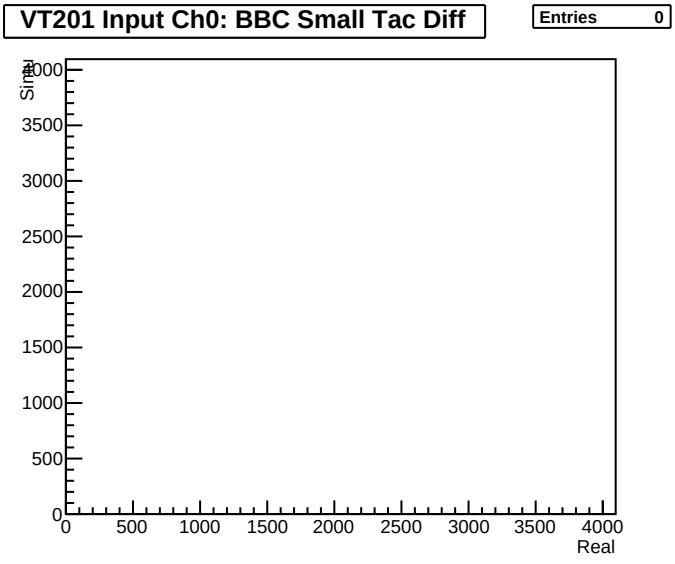

zdcWestTac
Entries1542730

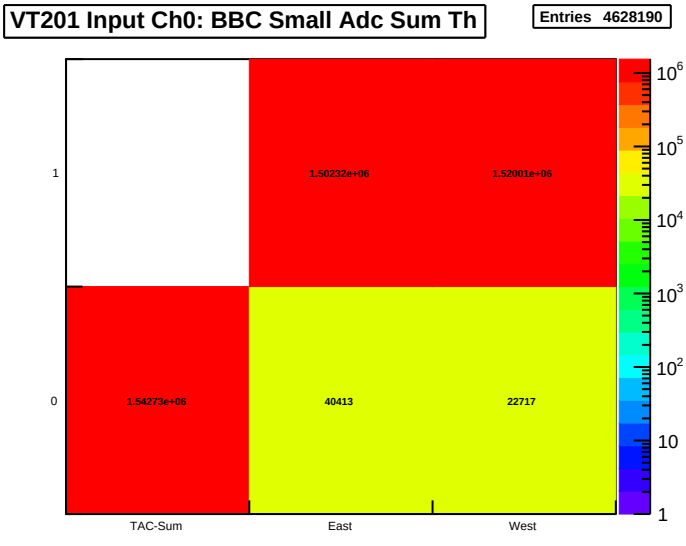

zdcWestTacVsSimu
Entries 209513
Data
Simu

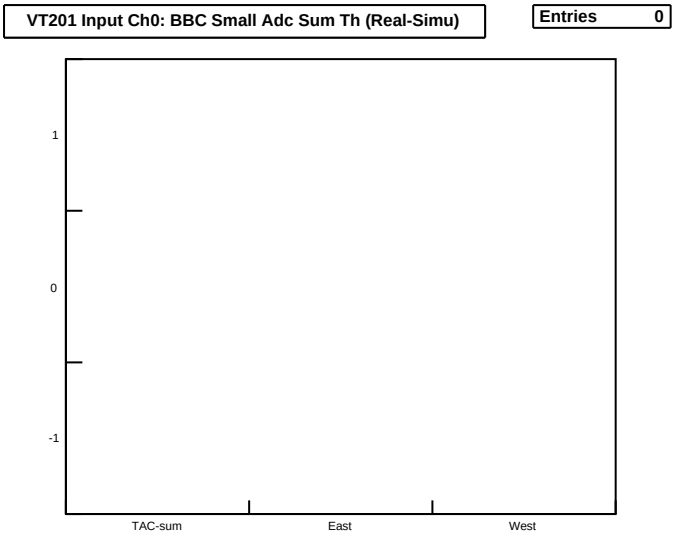

zdcAdcSum
Entries 1.851276e+07
243
78
193290
74373
280985
225
34
255464
103147
371918
1.54240e+06
1.54265e+06
1.54273e+06
1.34944e+06
1.46836e+06
1.26174e+06
1.54259e+06
1.5427e+06
1.54273e+06
1.28727e+06
1.43958e+06
1.17081e+06
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

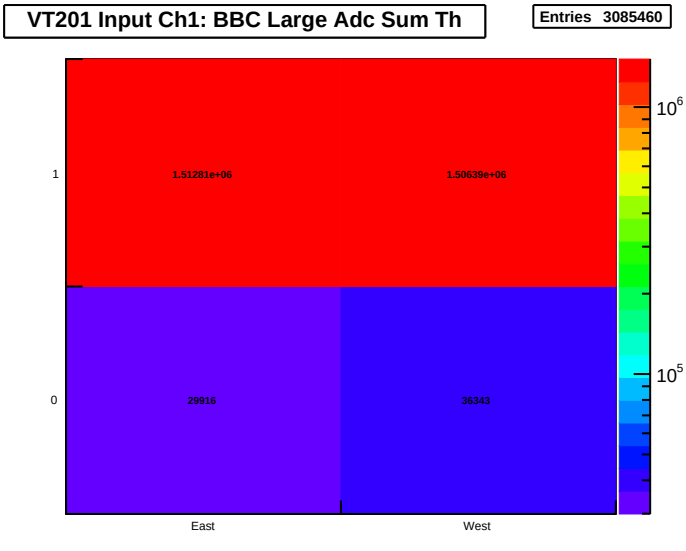

zdcAdcSumDiff
Entries 2276833
165
57
130813
50235
191345
181
26
193599
79217
281219
138455
138512
138533
76056
93770
28268
149877
149913
149921
88056
132692
65923
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

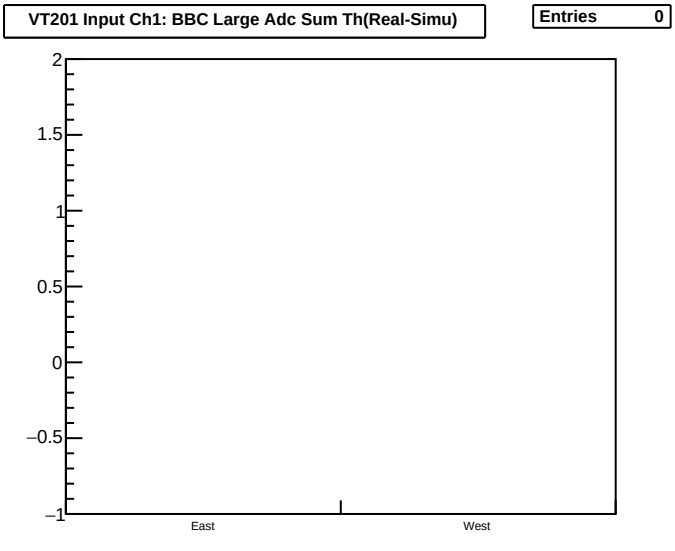

VT201 Input Ch0: BBC Small Tac Diff
Entries1542730
Tac


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

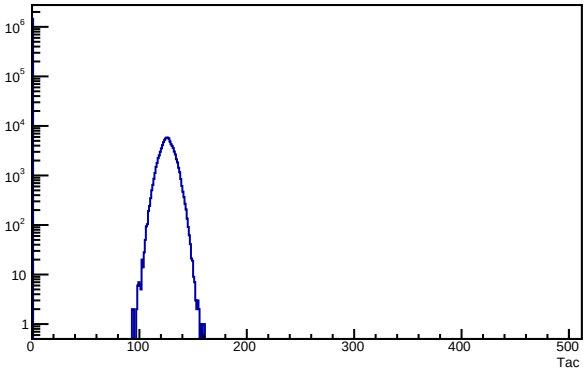

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 4628190
1.50232e+06
1.52001e+06
1.54273e+06
40413
22717
TAC-Sum
East
West


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

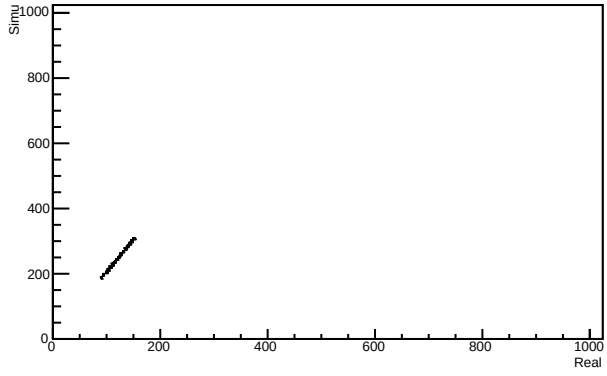

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 3085460
1.51281e+06
1.50639e+06
29916
36343
East
West


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

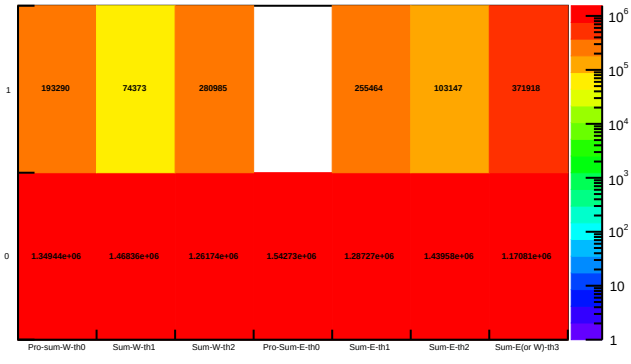
VT201 Input Ch2: ZDC Tac Diff



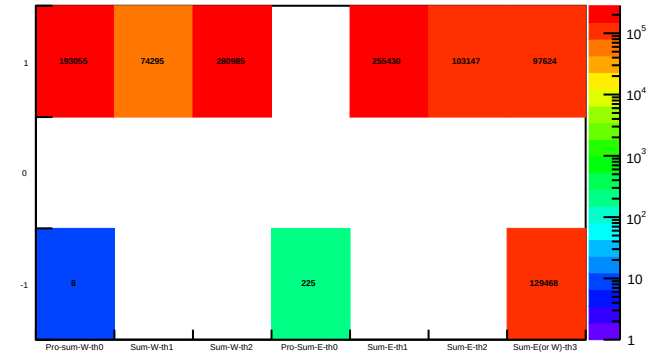
VT201 Input Ch2: ZDC Tac Diff



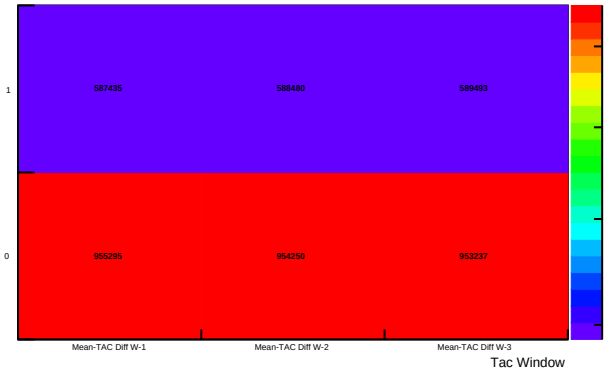
VT201 Input Ch2: ZDC Adc Sum Th



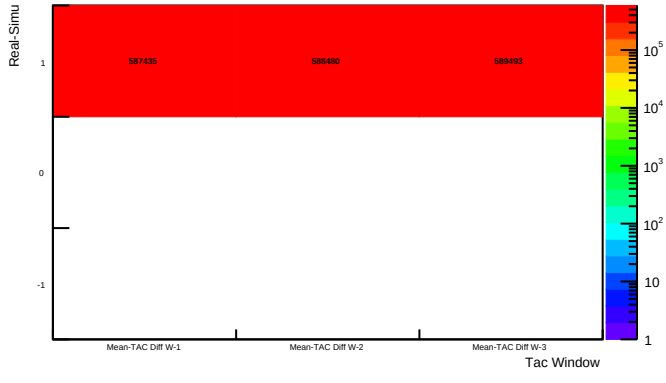
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



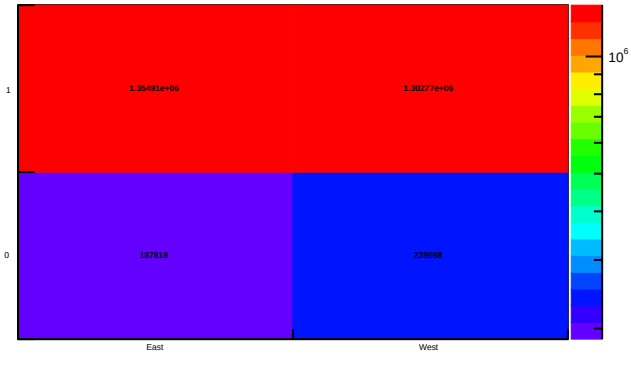
VT201 Input Ch4: VPD Tac Diff



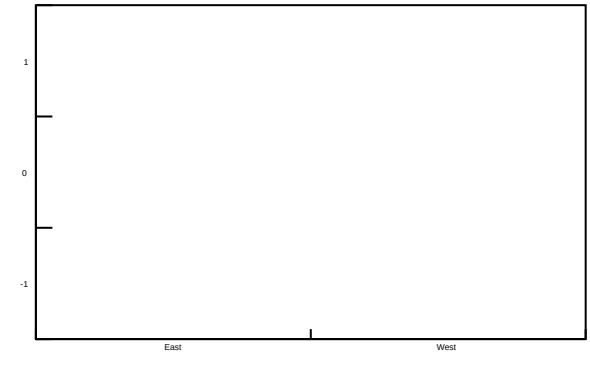
VT201 Input Ch4: VPD Tac Diff

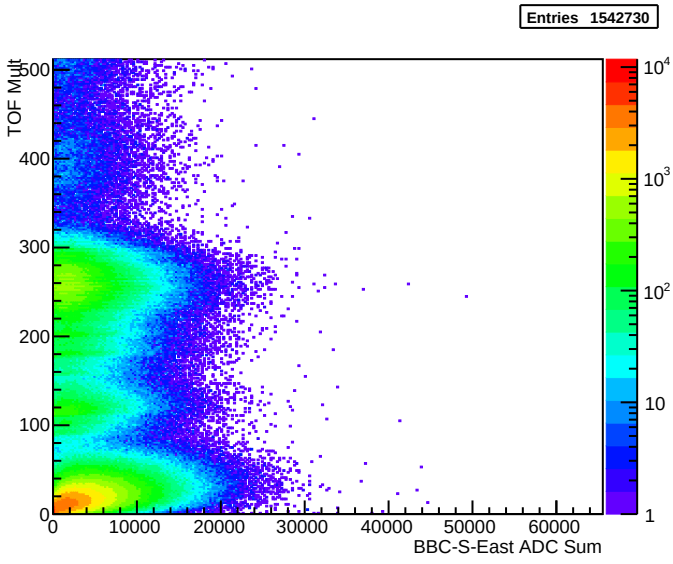


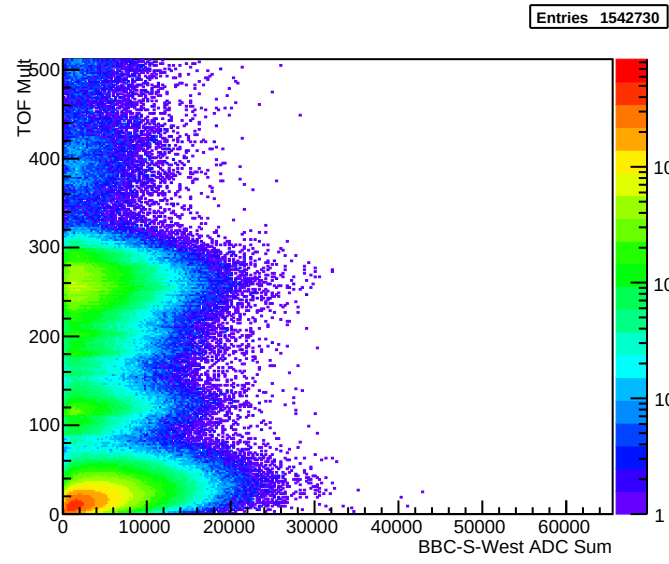
VT201 Input Ch4: VPD Adc Sum Th

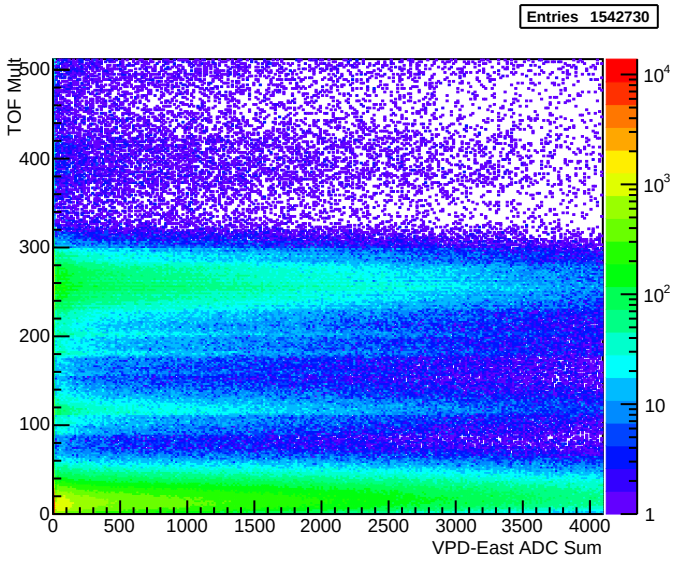


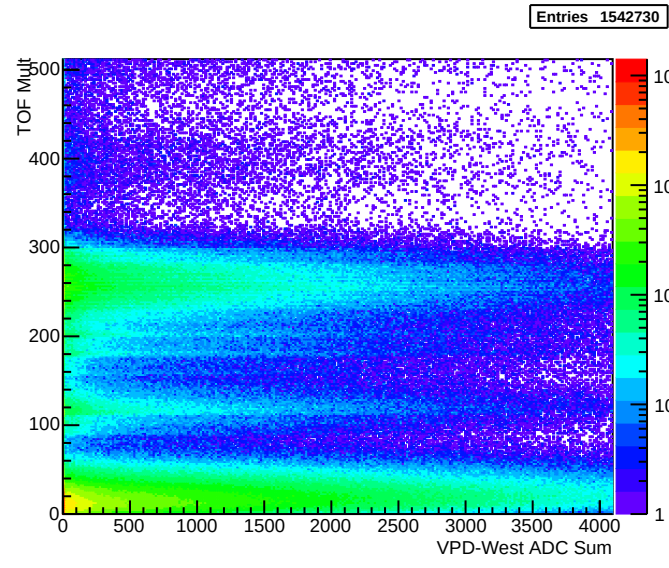
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

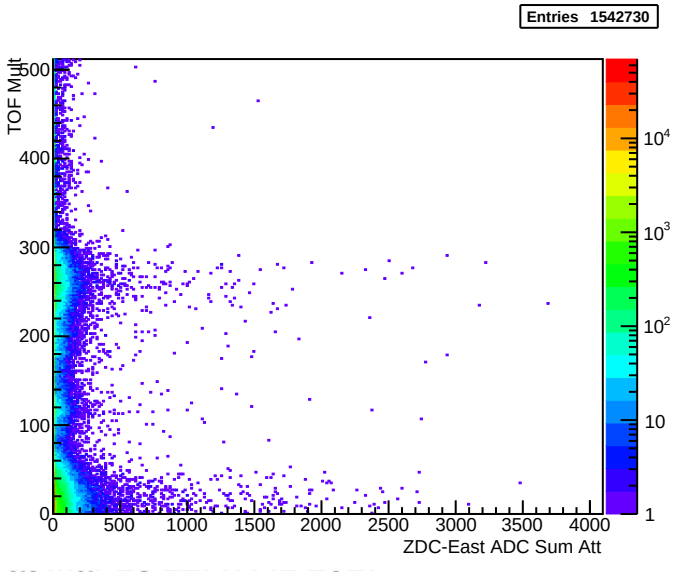


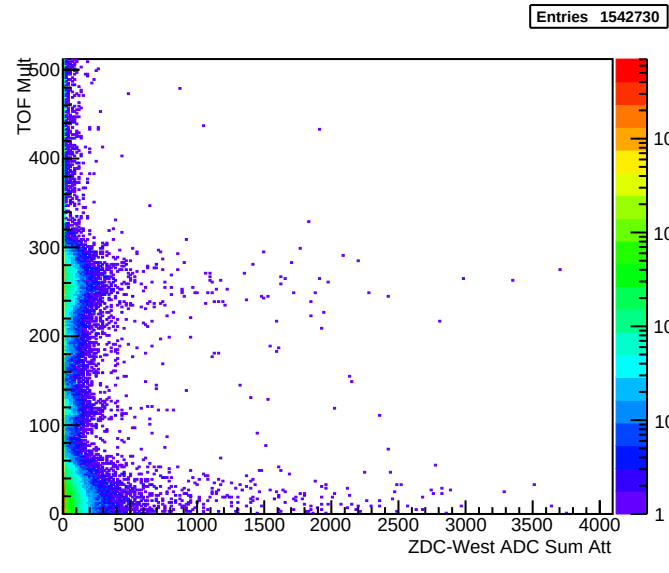

Entries 1542730
TOF Mult
BBC-S-East ADC Sum

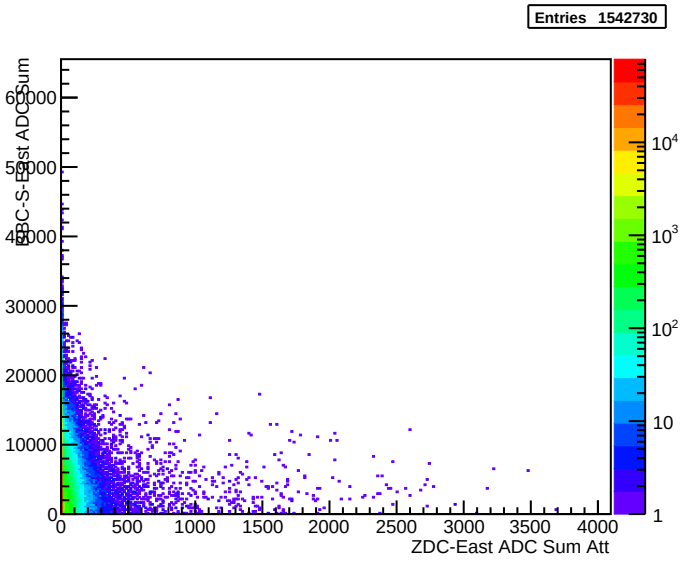

Entries 1542730
TOF Mult
BBC-S-West ADC Sum

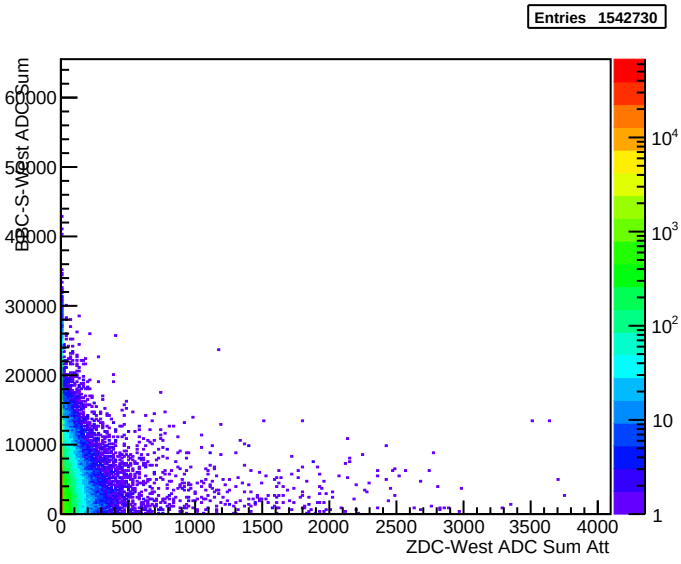

Entries 1542730
TOF Mult
VPD-East ADC Sum

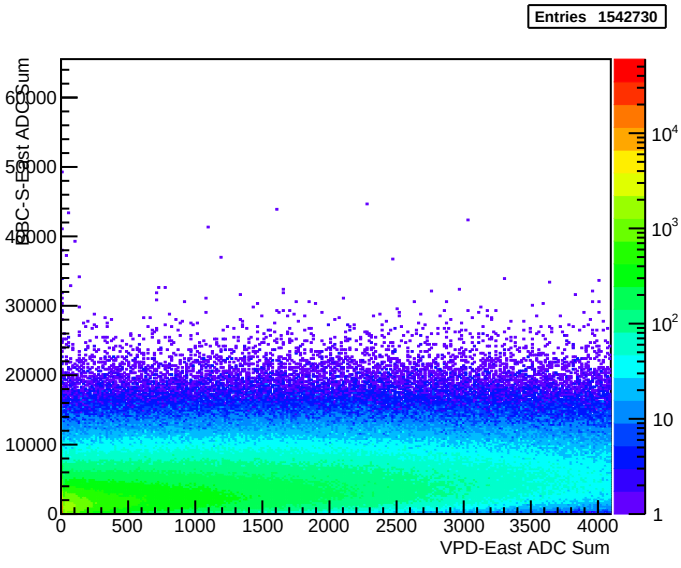

Entries 1542730
TOF Mult
VPD-West ADC Sum

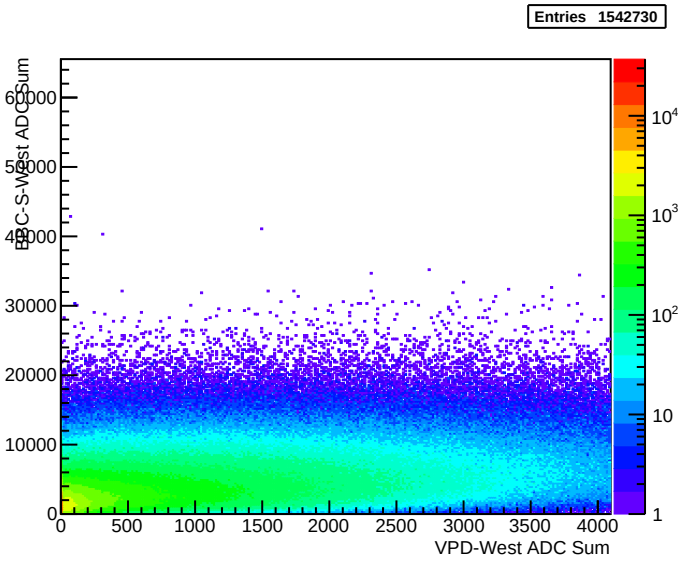

Entries 1542730
TOF Mult
ZDC-East ADC Sum Att

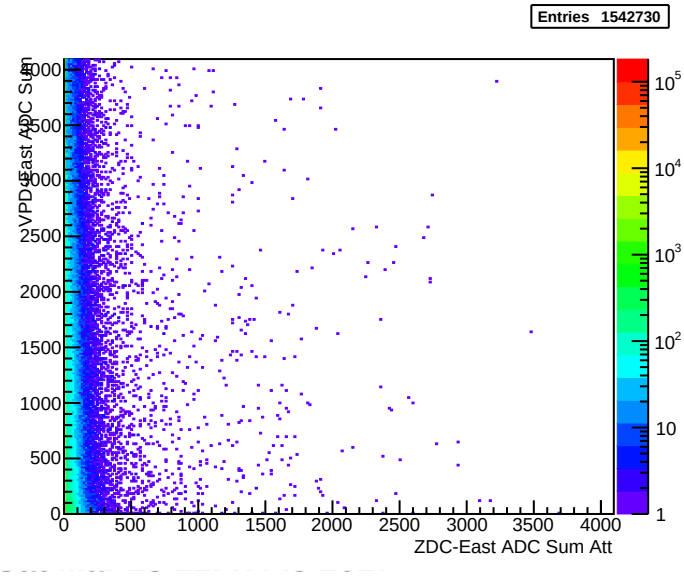

Entries 1542730
TOF Mult
ZDC-West ADC Sum Att

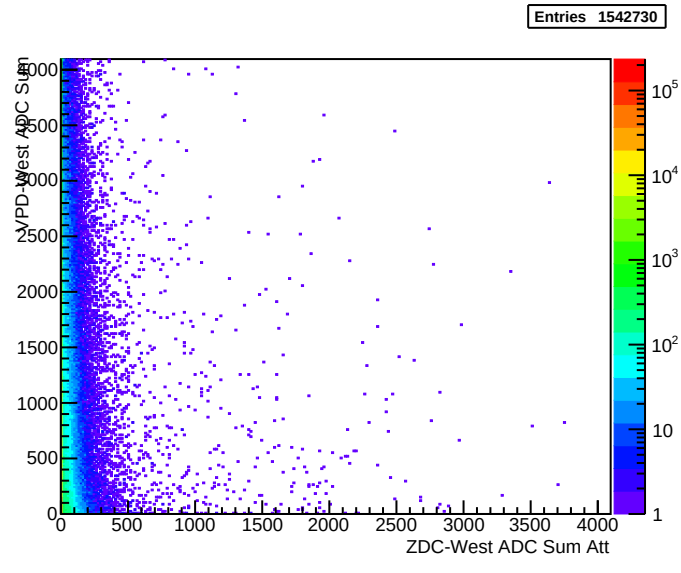

Entries 1542730
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

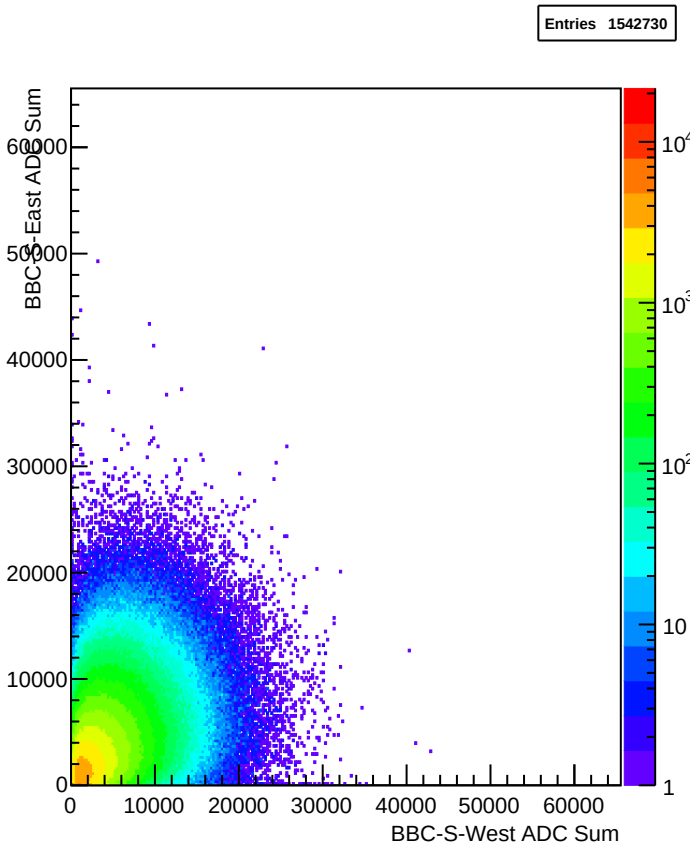

Entries 1542730
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

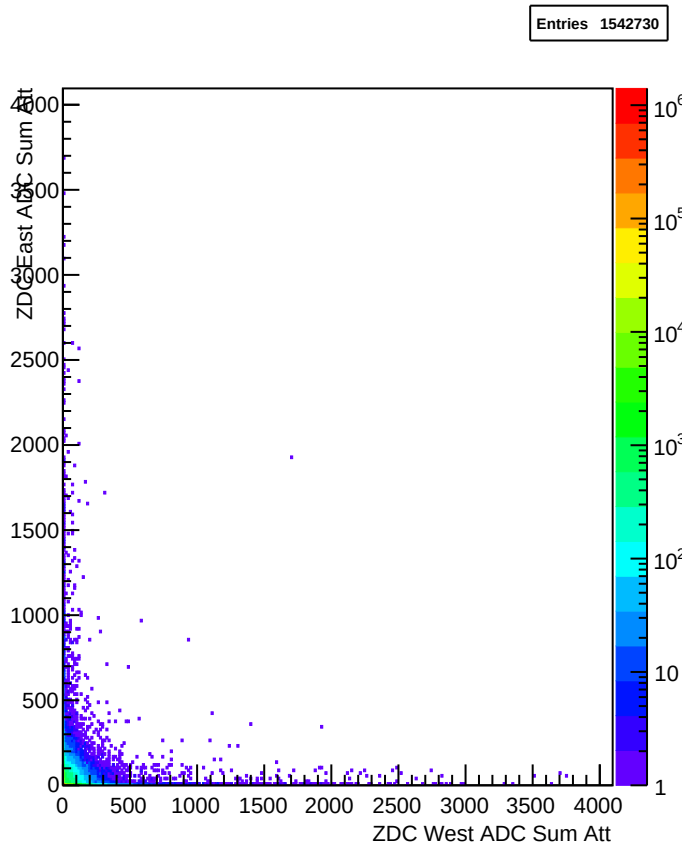

Entries 1542730
BBC-S-East ADC Sum
VPD-East ADC Sum

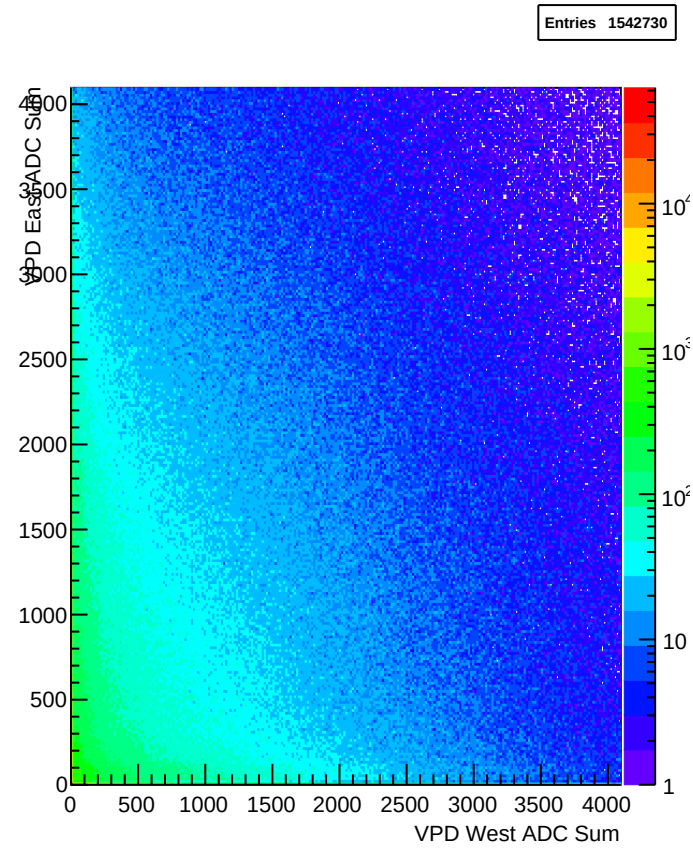

Entries 1542730
BBC-S-West ADC Sum
VPD-West ADC Sum

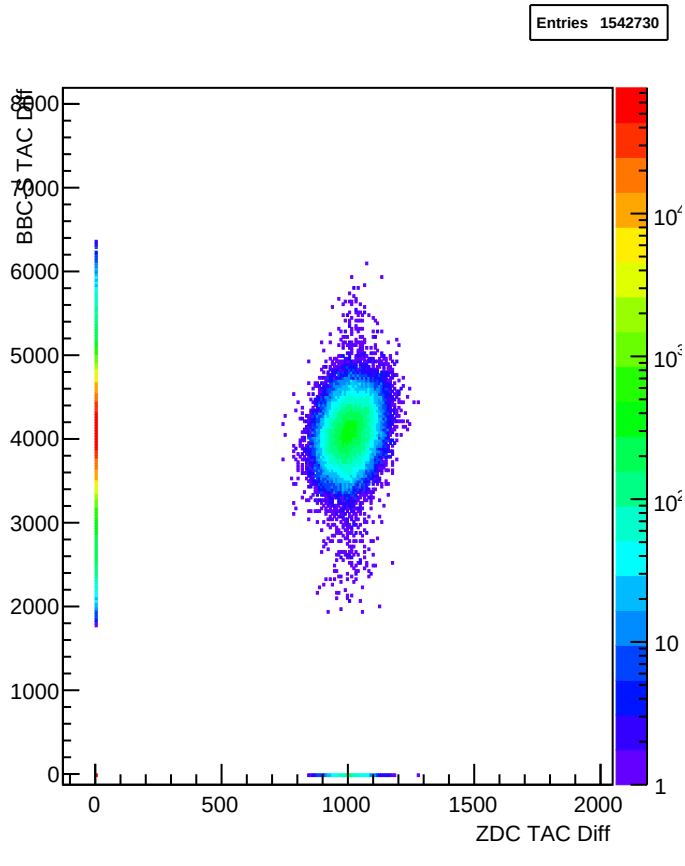

Entries 1542730
VPD-East ADC Sum
ZDC-East ADC Sum Att

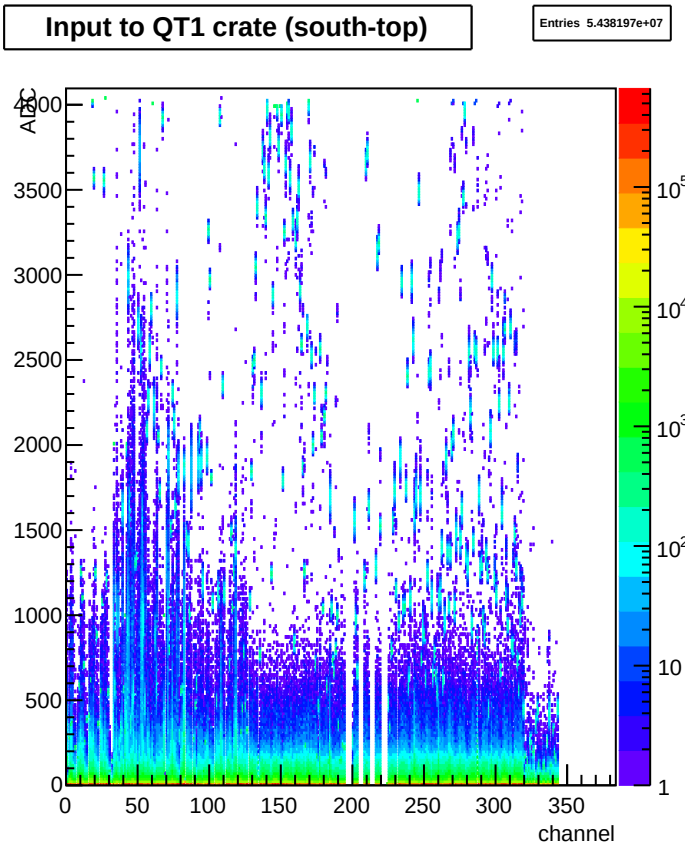

Entries 1542730
VPD-West ADC Sum
ZDC-West ADC Sum Att

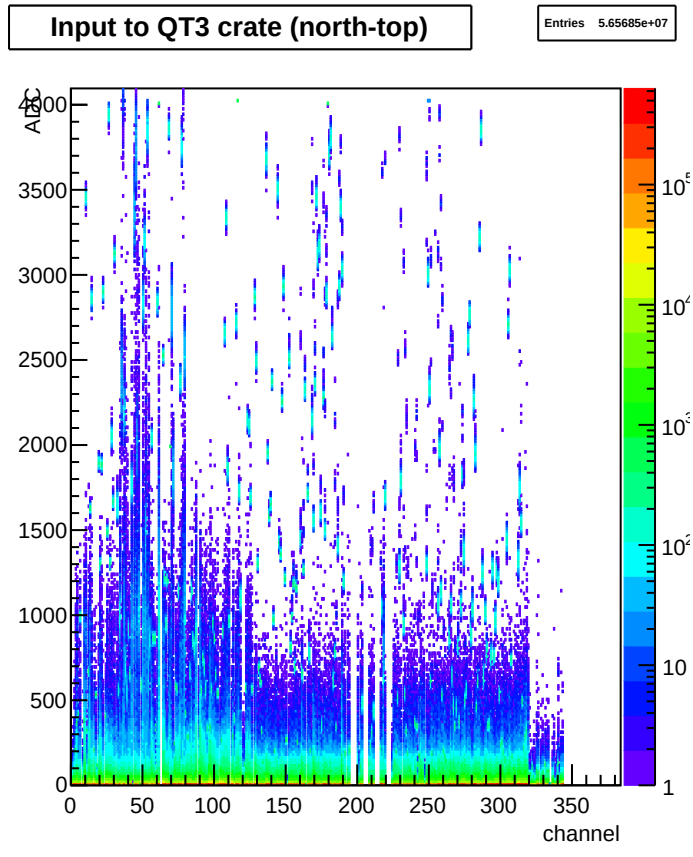

Entries 1542730
BBC-S-East ADC Sum
BBC-S-West ADC Sum

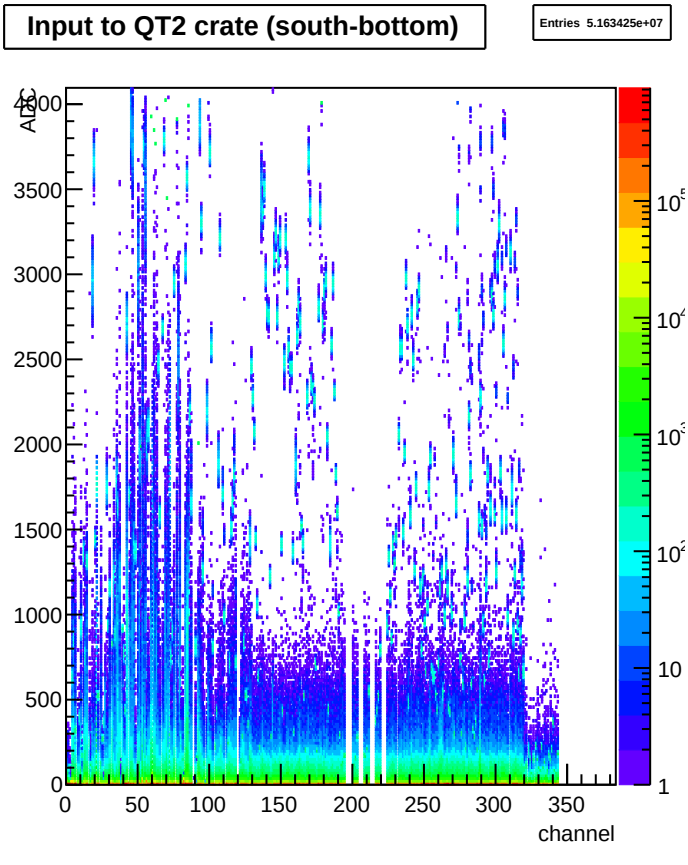

Entries 1542730
ZDC East ADC Sum Att
ZDC West ADC Sum Att

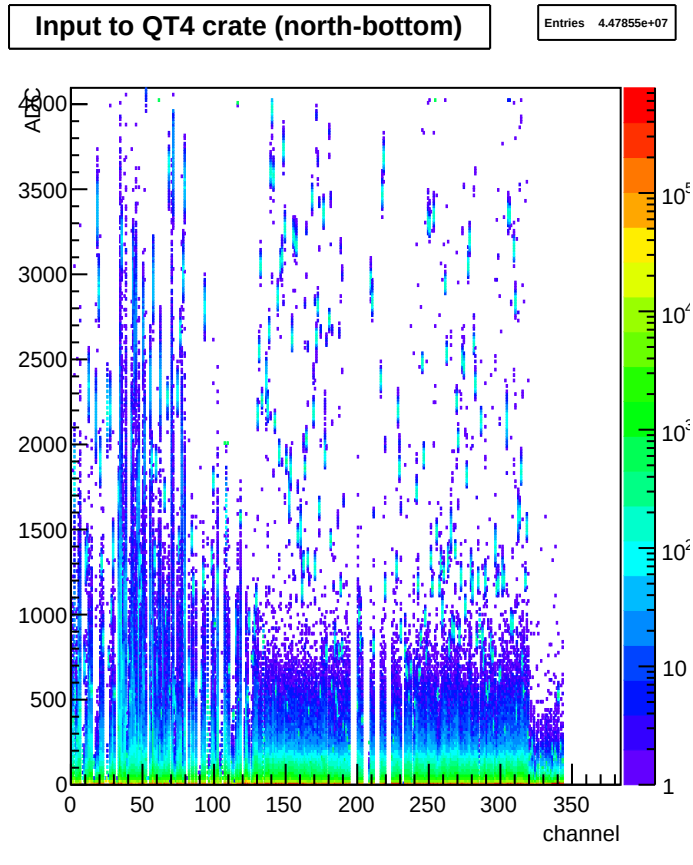

Entries 1542730
VPD East ADC Sum
VPD West ADC Sum

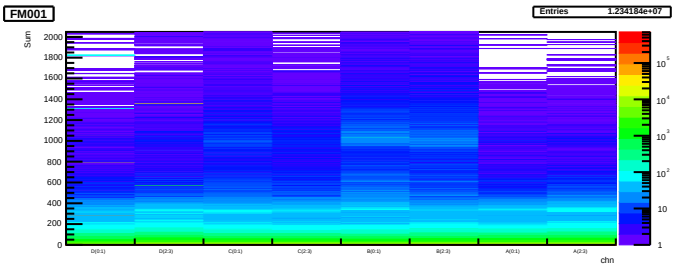

Entries 1542730
BBC-S TAC Diff
ZDC TAC Diff

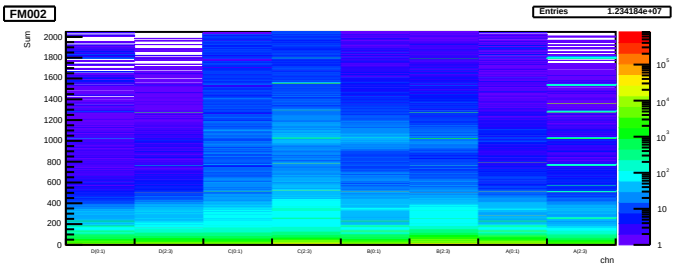

Input to QT1 crate (south-top)
Entries 5.438197e+07
ADC
channel

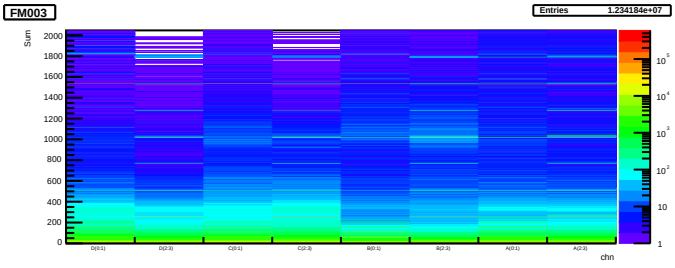

Input to QT3 crate (north-top)
Entries 5.65685e+07
ADC
channel

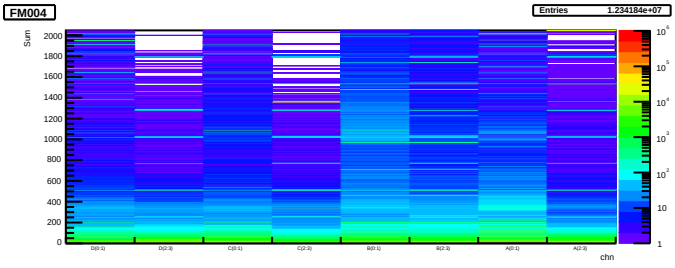

Input to QT2 crate (south-bottom)
Entries 5.163425e+07
ADC
channel

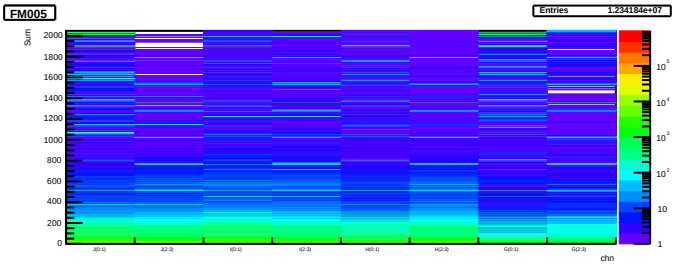

Input to QT4 crate (north-bottom)
Entries 4.47855e+07
ADC
channel

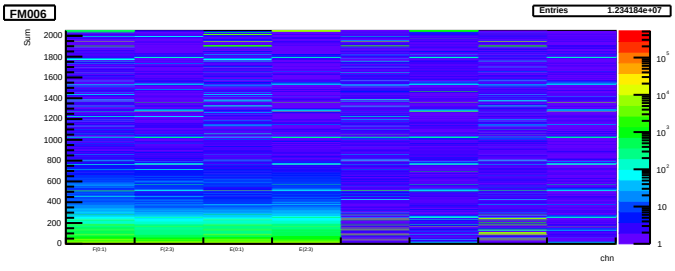

FM001
Entries 1.234184e+07
Sum
chn

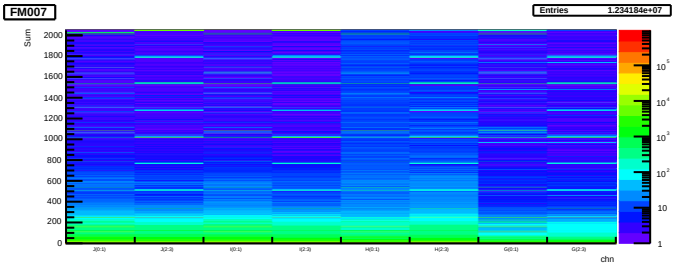

FM002
Entries 1.234184e+07
Sum
chn

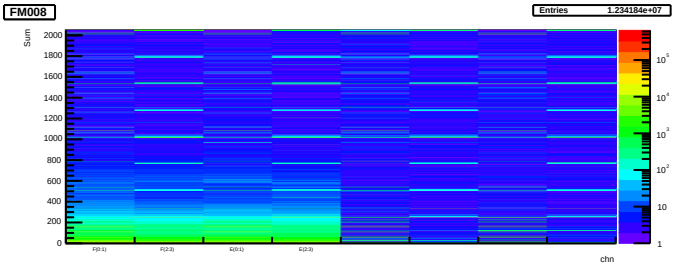

FM003
Entries 1.234184e+07
Sum
chn

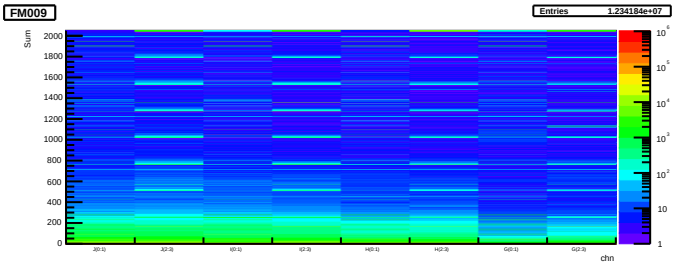

FM004
Entries 1.234184e+07
Sum
chn


FM005
Entries 1.234184e+07
Sum
chn


FM006
Entries 1.234184e+07
Sum
chn


FM007
Entries 1.234184e+07
Sum
chn


FM008
Entries 1.234184e+07
Sum
chn


FM009
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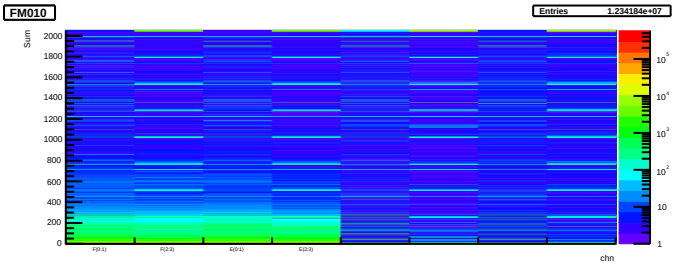
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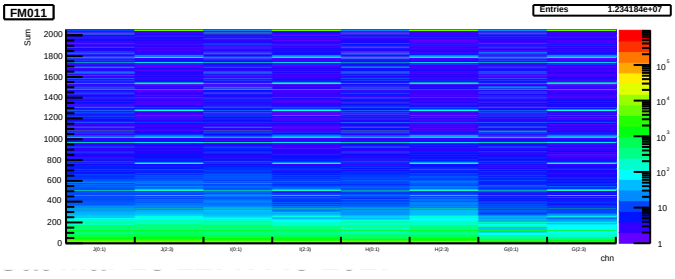
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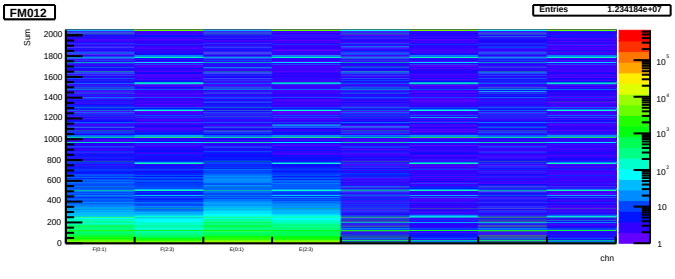
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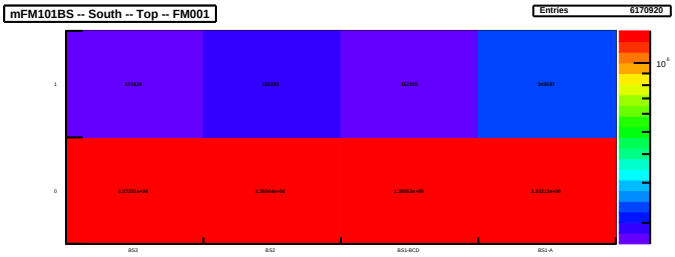
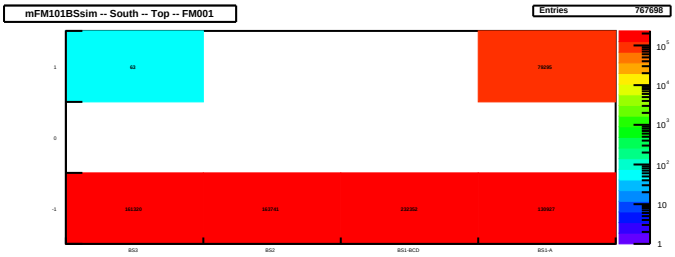

mFM101BS -- South -- Top -- FM001
Entries 6170920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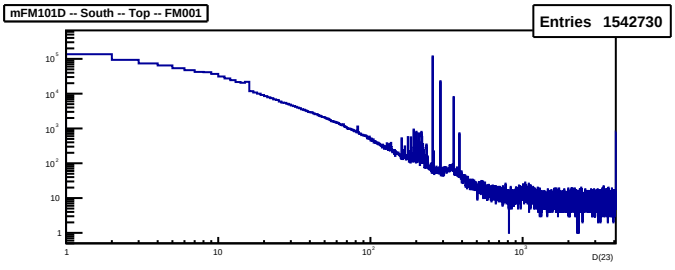
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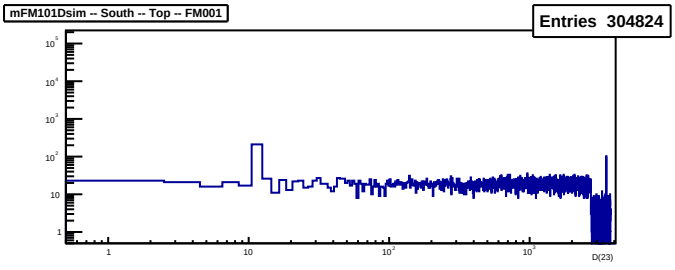
Entries 1542730
D(23)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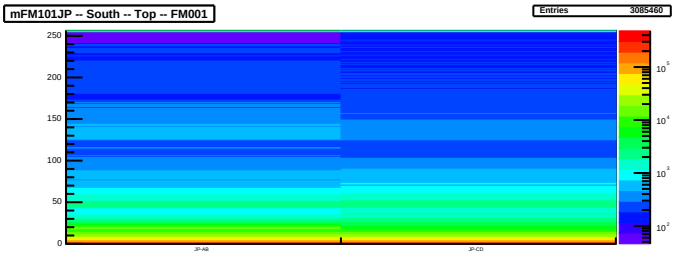
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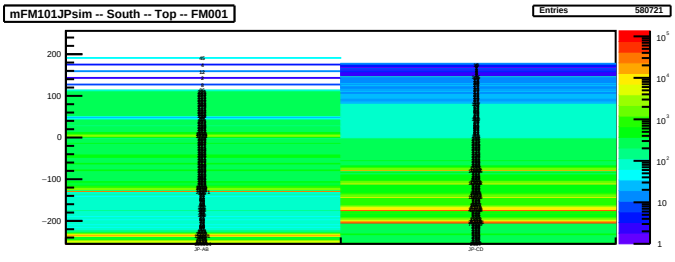
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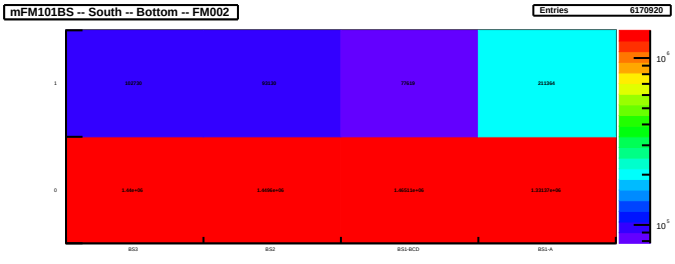
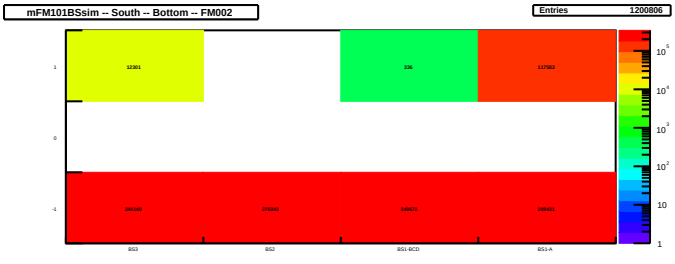

mFM101BS -- South -- Bottom -- FM002
Entries 6170920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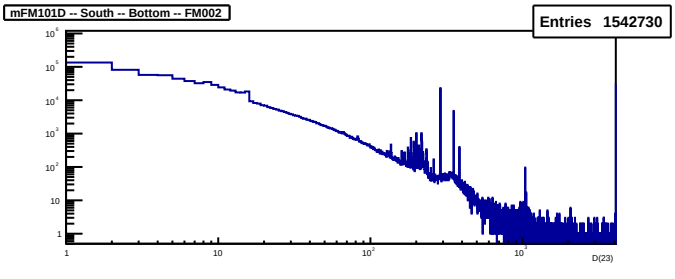
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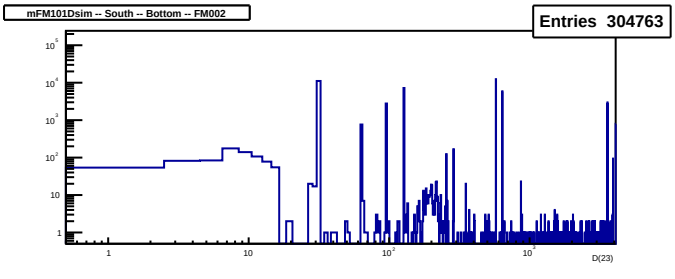
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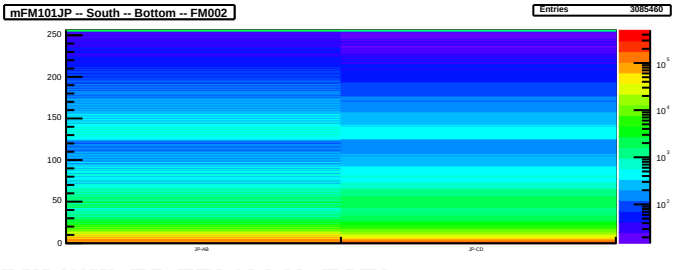
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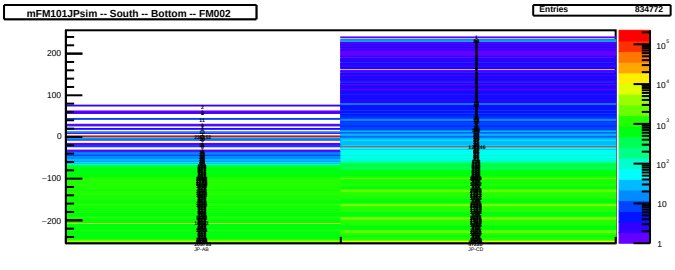
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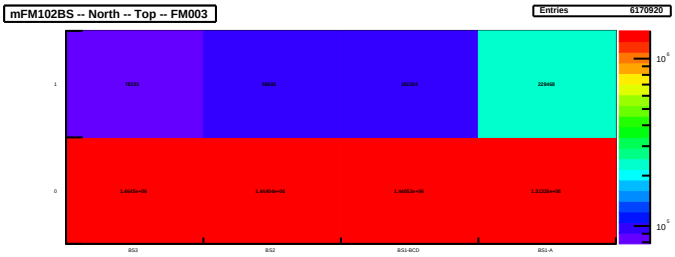

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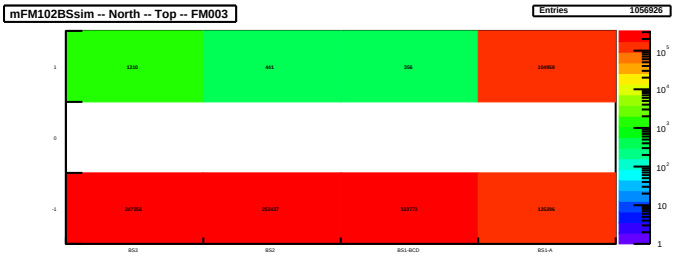

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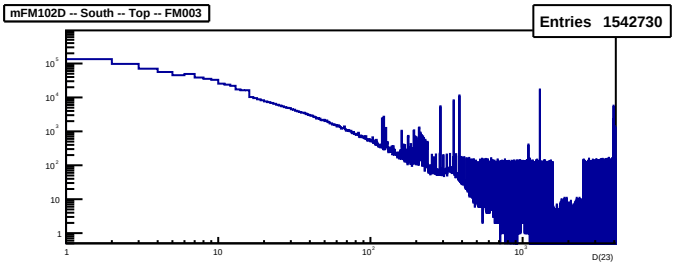

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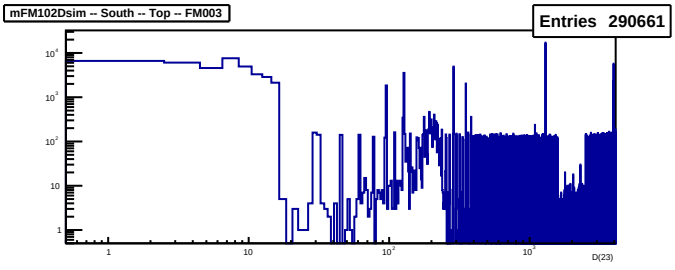

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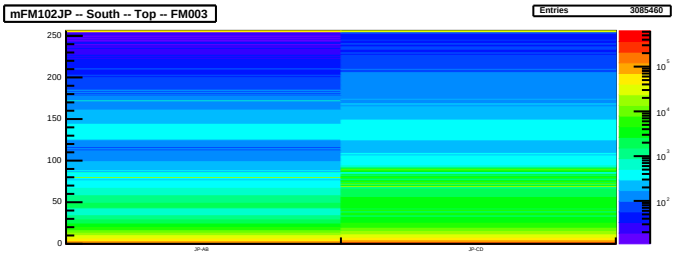

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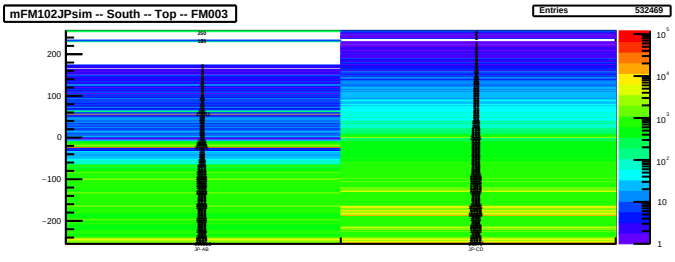

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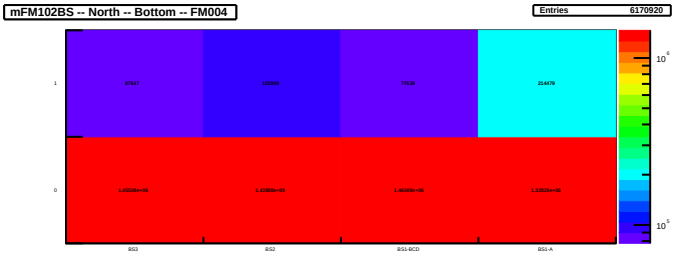

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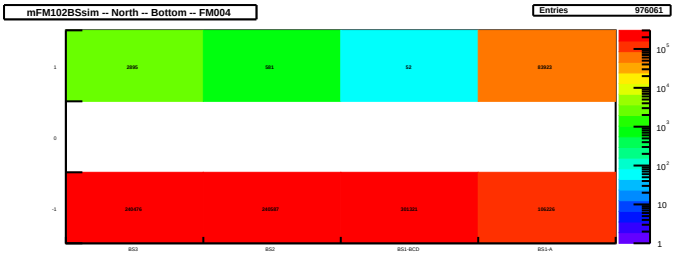

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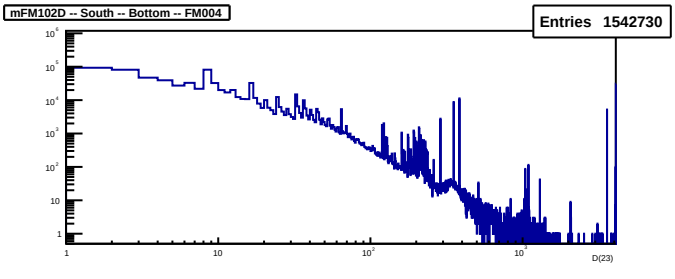

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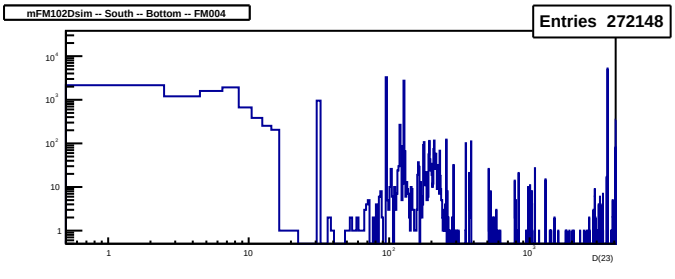

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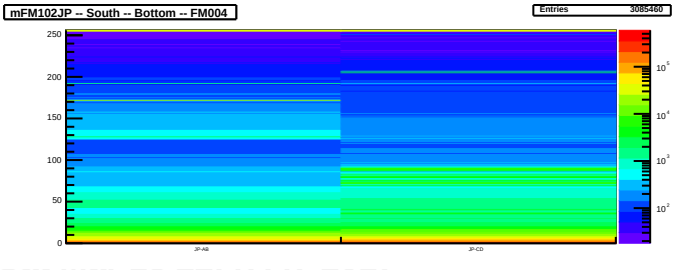

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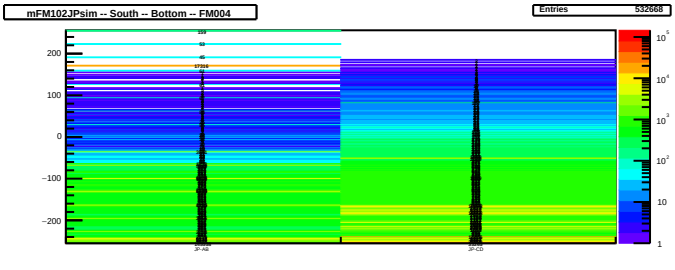
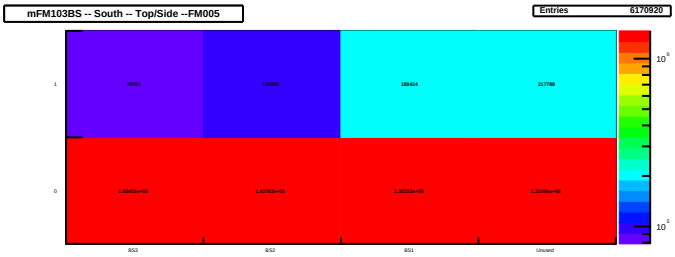
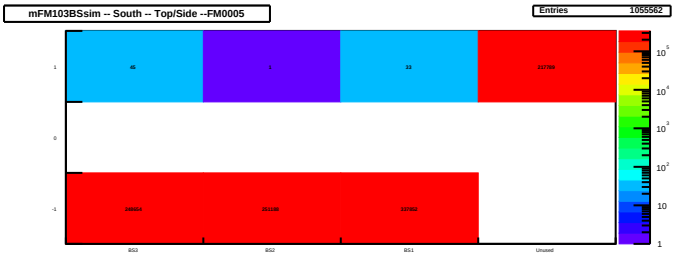



mFM103BS -- South -- Top/Side --FM005
Entries 6170920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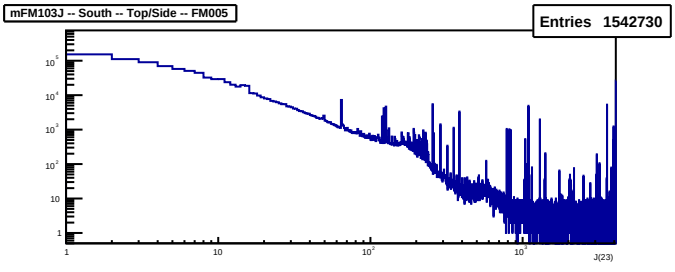
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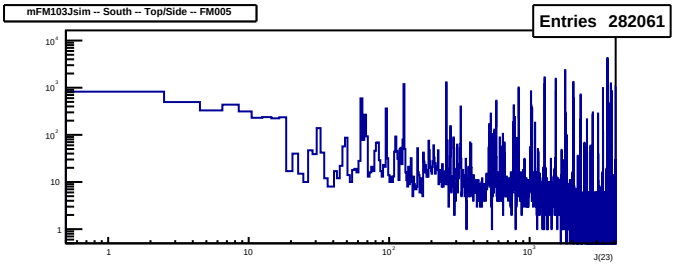
Entries 1542730
J(23)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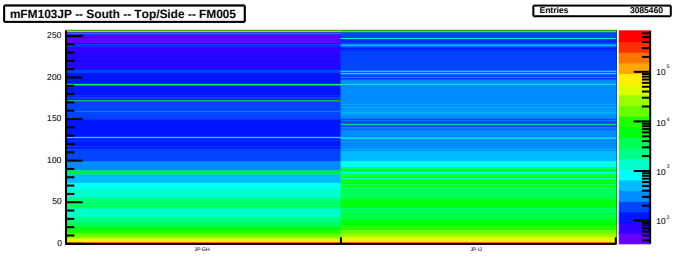
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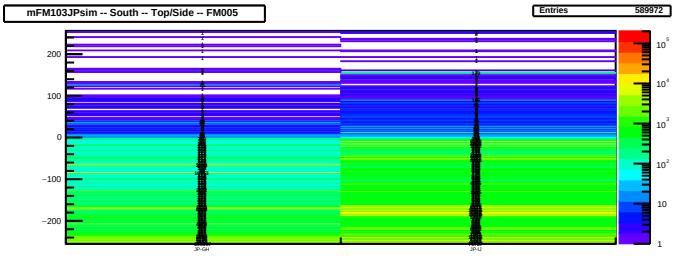
Entries 3085460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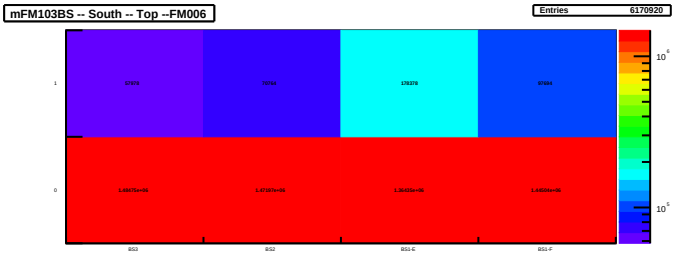
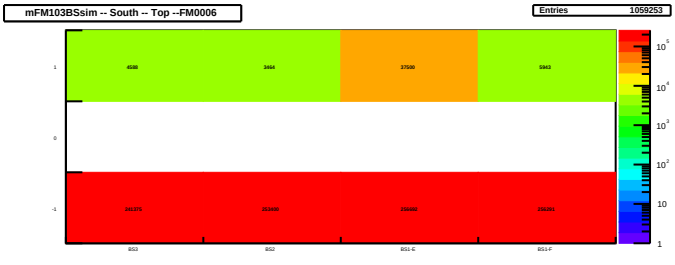

mFM103BS -- South -- Top --FM006
Entries 6170920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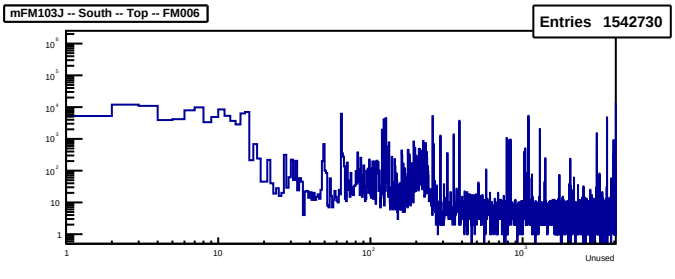
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Entries 1542730
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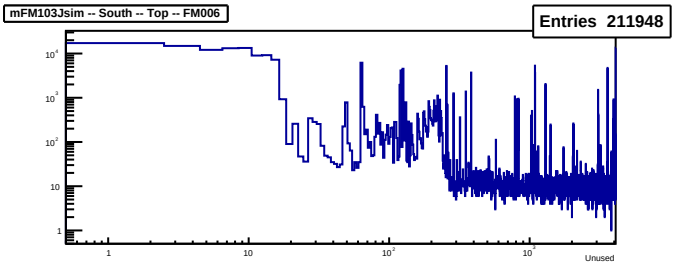
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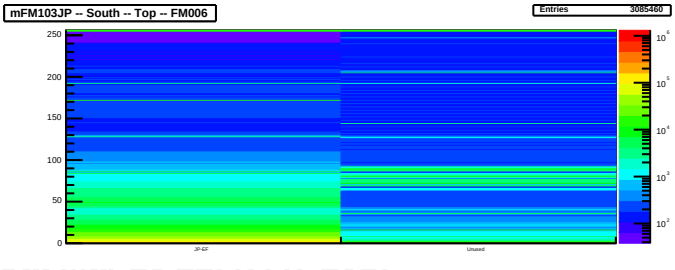
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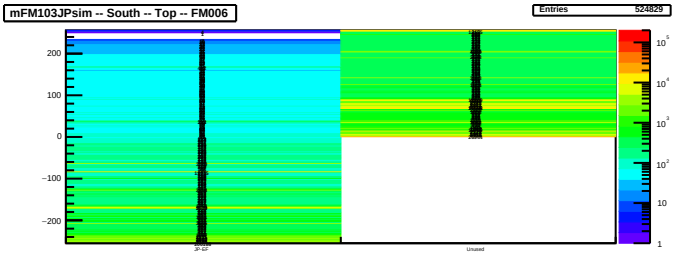
Entries 3085460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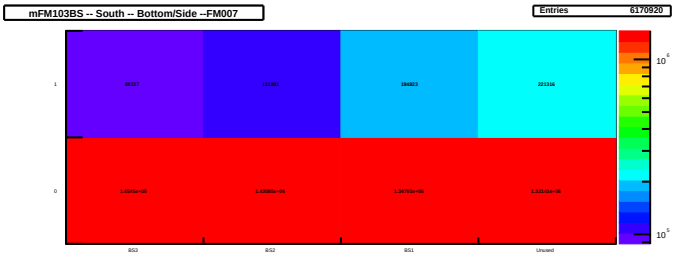
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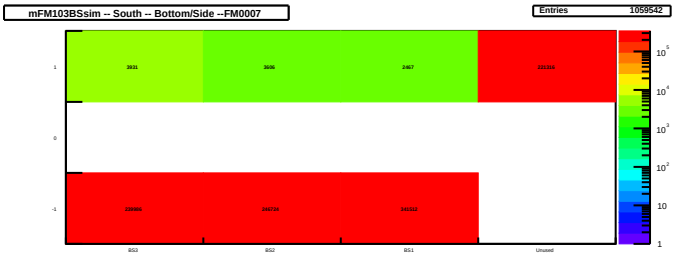
Entries 6170920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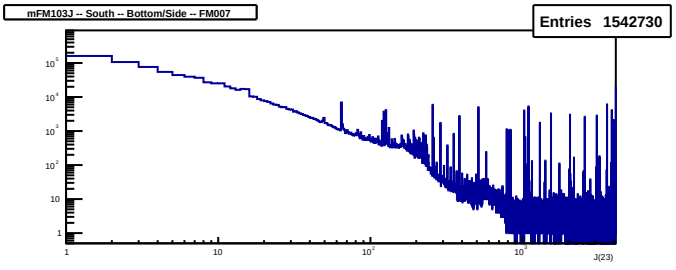
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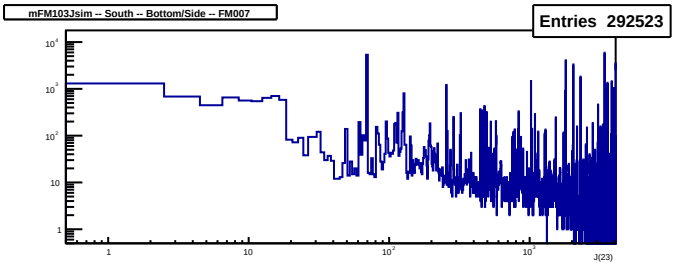
Entries 1542730
J(23)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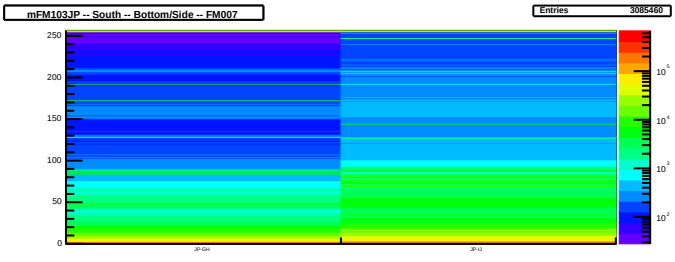
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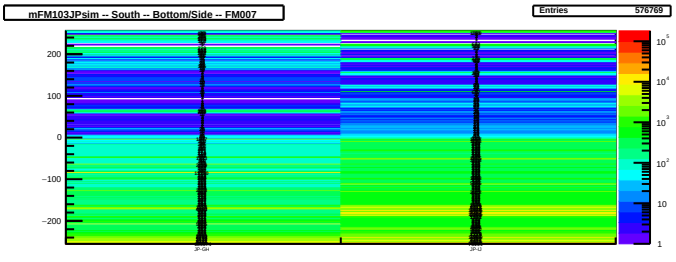
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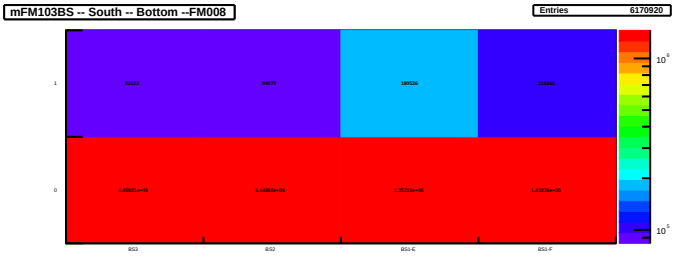
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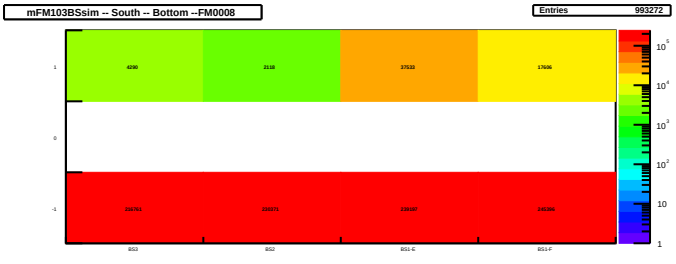
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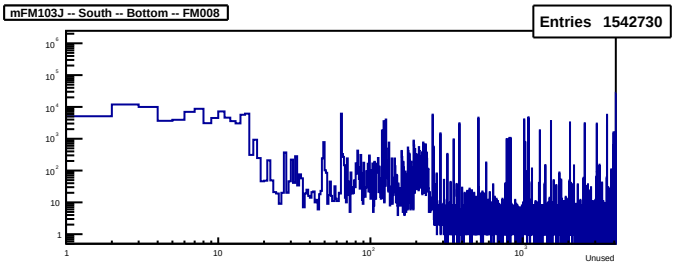
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Entries 1542730
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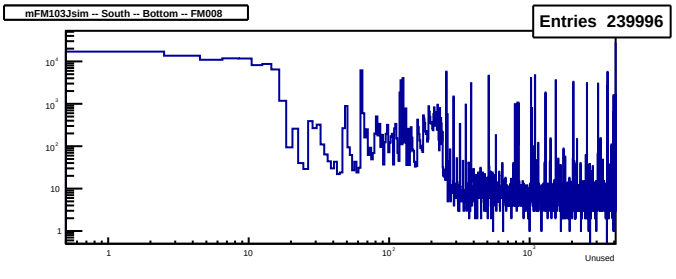
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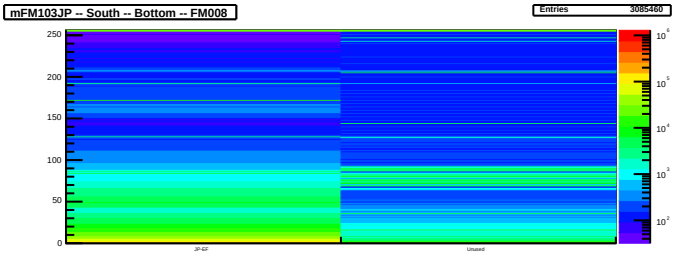
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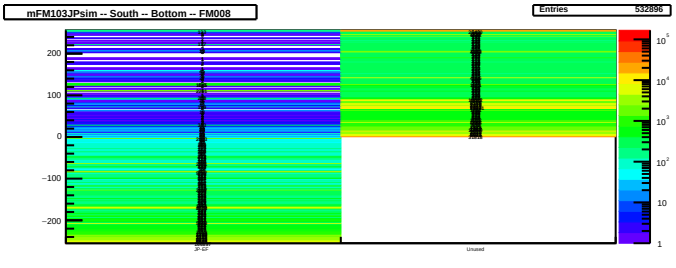
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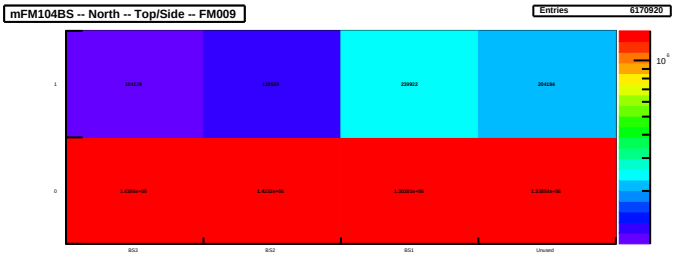
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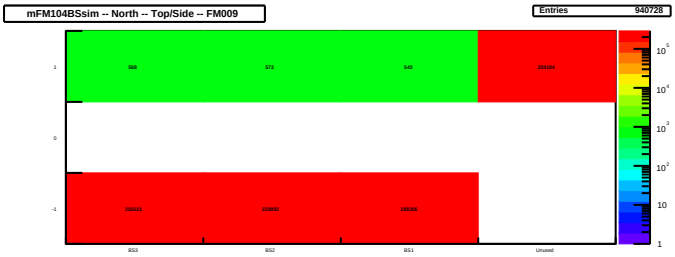
Entries 6170920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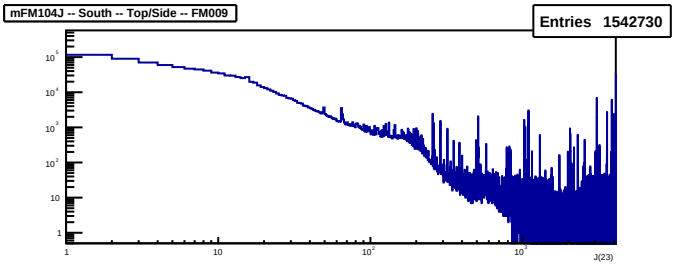
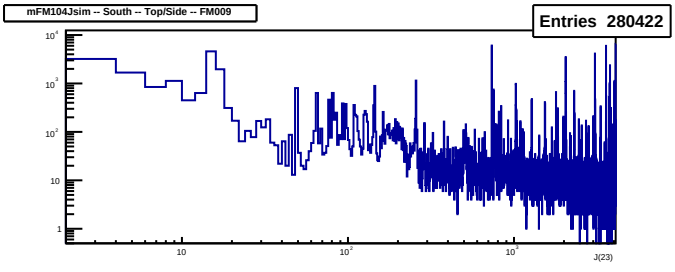
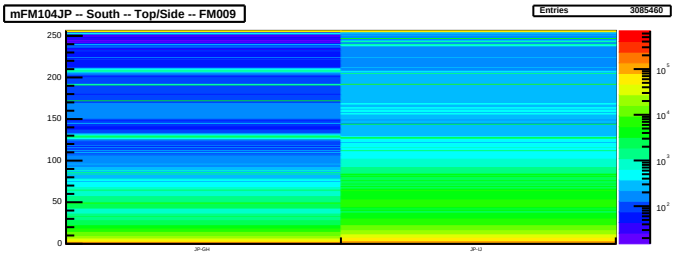
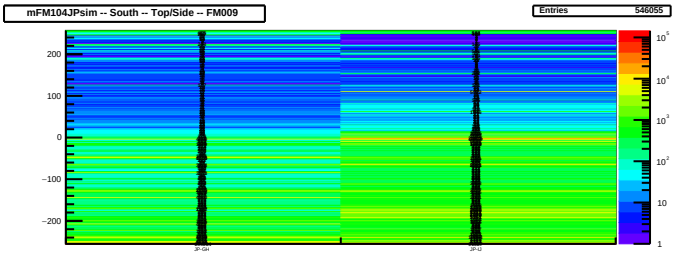
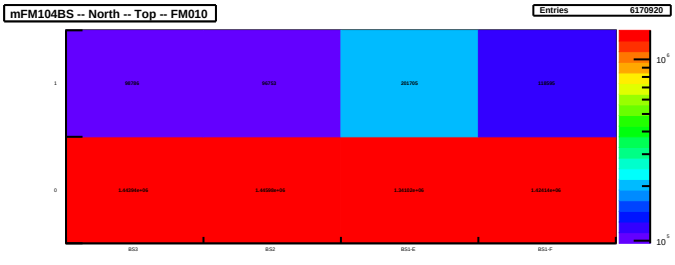
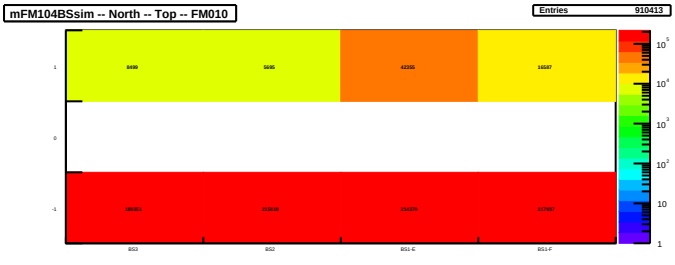

mFM104J -- South -- Top/Side -- FM009
Entries 1542730
J(23)

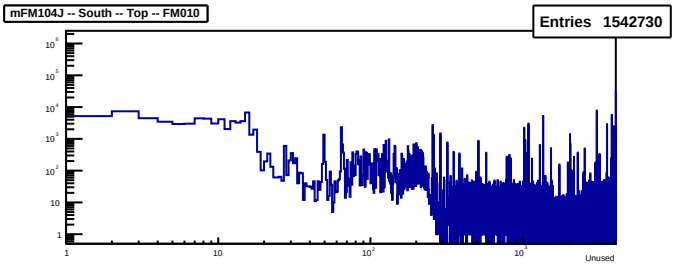

mFM104Jsim -- South -- Top/Side -- FM009
Entries 280422
J(23)

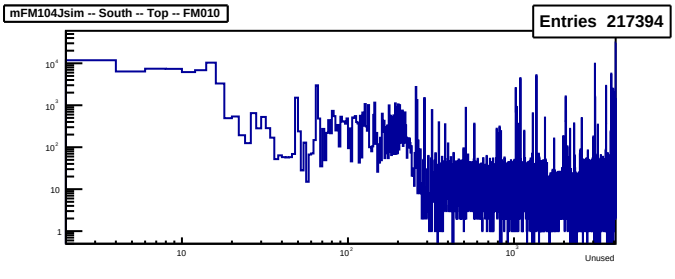

mFM104JP -- South -- Top/Side -- FM009
Entries 3085460

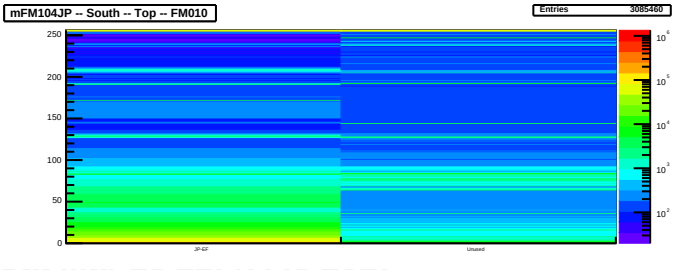

mFM104JPsim -- South -- Top/Side -- FM009
Entries 546055

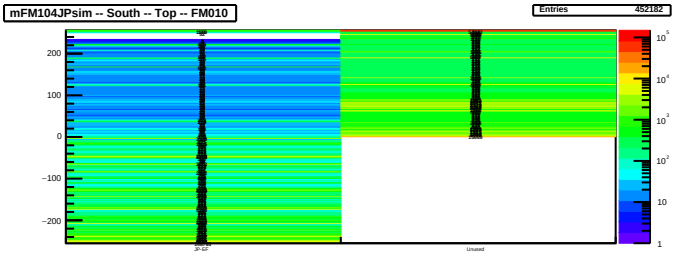

mFM104BS -- North -- Top -- FM010
Entries 6170920

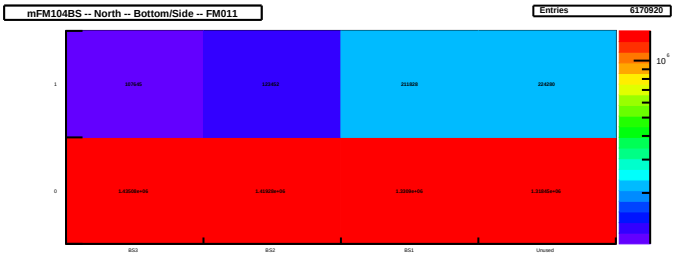

mFM104BSsim -- North -- Top -- FM010
Entries 910413

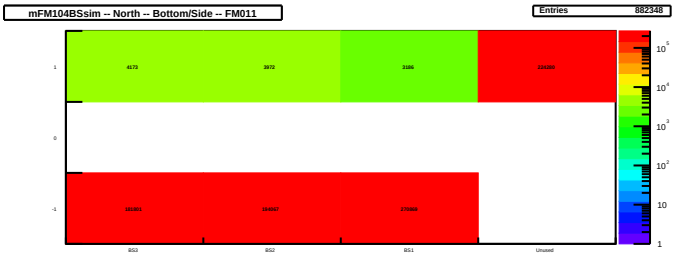

mFM104J -- South -- Top -- FM010
Entries 1542730
Unused

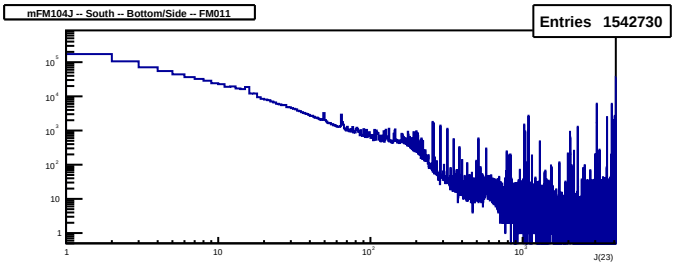

mFM104Jsim -- South -- Top -- FM010
Entries 217394
Unused

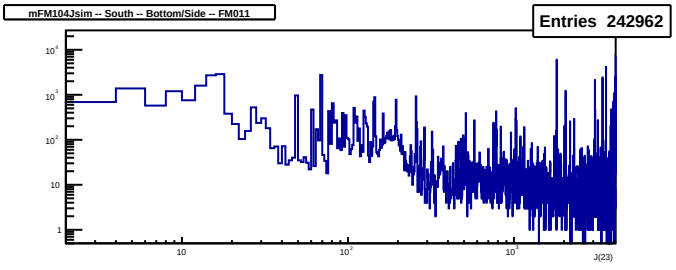

mFM104JP -- South -- Top -- FM010
Entries 3085460

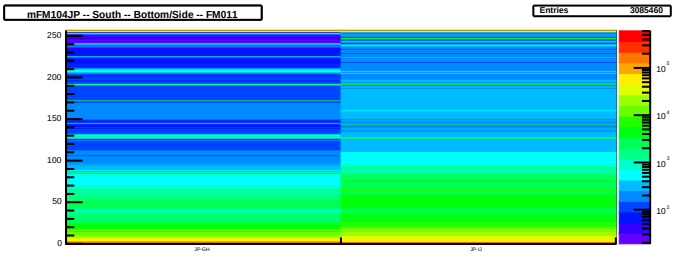

mFM104JPsim -- South -- Top -- FM010
Entries 452182

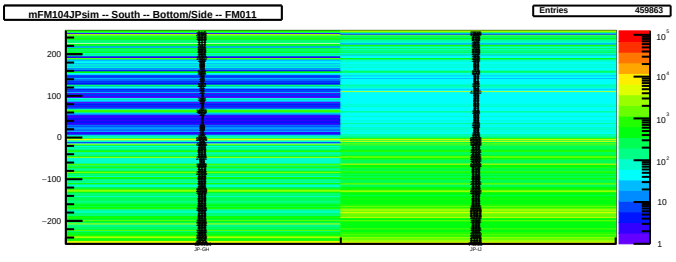

mFM104BS -- North -- Bottom/Side -- FM011
Entries 6170920

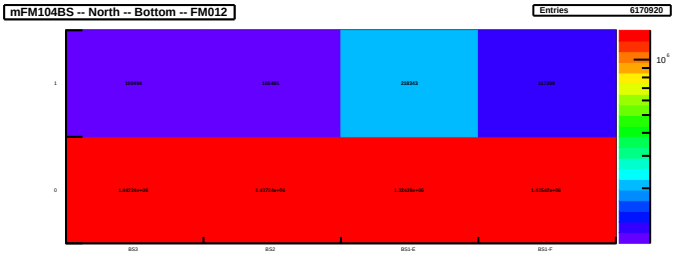

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 882348

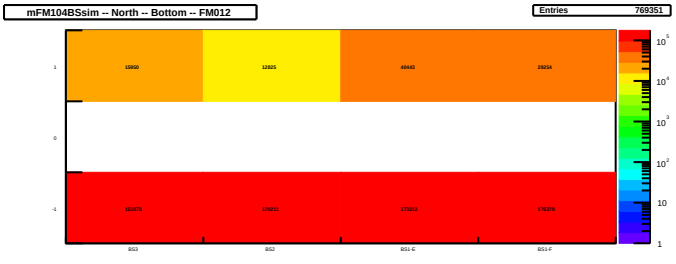

mFM104J -- South -- Bottom/Side -- FM011
Entries 1542730
J(23)

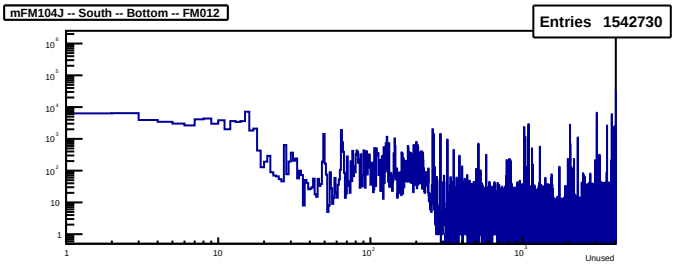

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 242962
J(23)

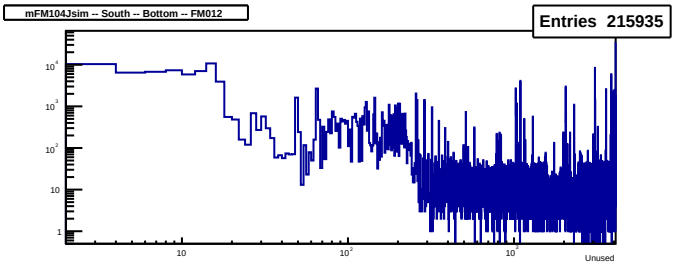

mFM104JP -- South -- Bottom/Side -- FM011
Entries 3085460

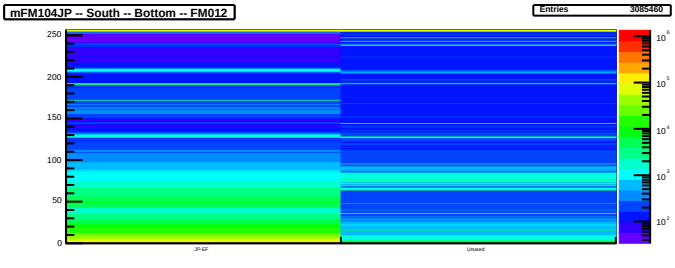

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 459863

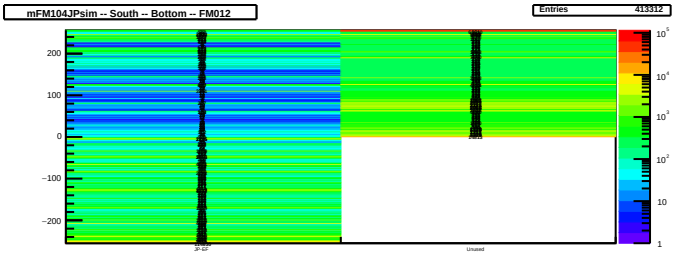

mFM104BS -- North -- Bottom -- FM012
Entries 6170920

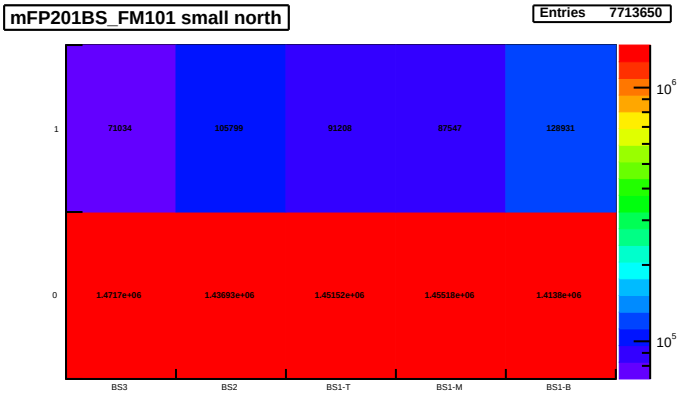

mFM104BSsim -- North -- Bottom -- FM012
Entries 769351

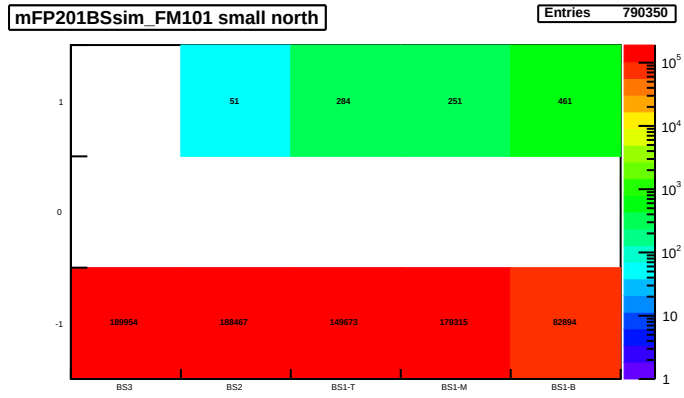

mFM104J -- South -- Bottom -- FM012
Entries 1542730
Unused

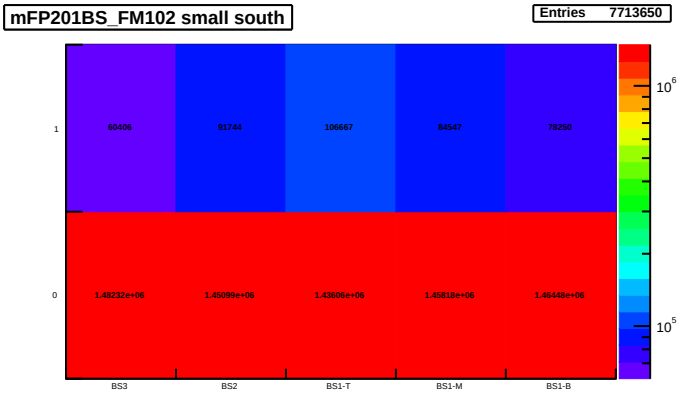

mFM104Jsim -- South -- Bottom -- FM012
Entries 215935
Unused

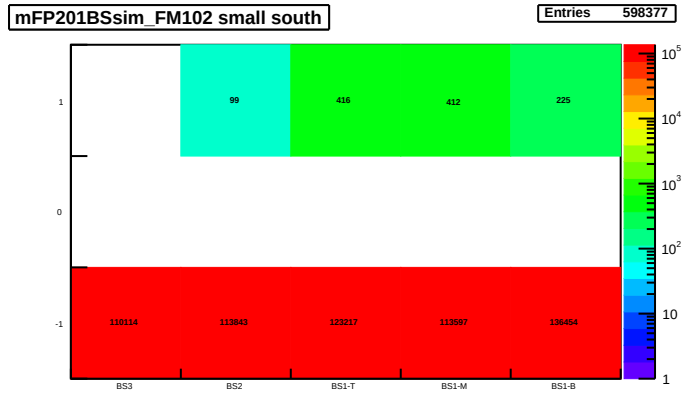

mFM104JP -- South -- Bottom -- FM012
Entries 3085460

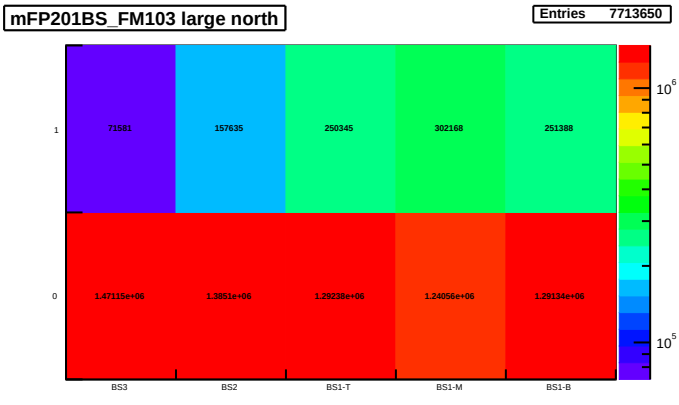

mFM104JPsim -- South -- Bottom -- FM012
Entries 413312

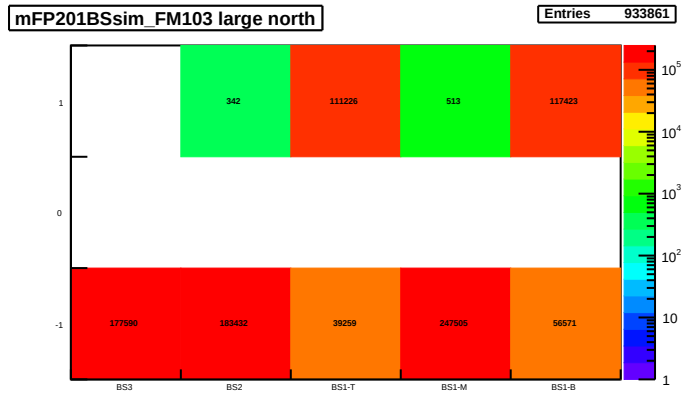

mFP201BS_FM101 small north
Entries 7713650
71034
105799
91208
87547
128931
1.4717e+06
1.43693e+06
1.45152e+06
1.45518e+06
1.4138e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

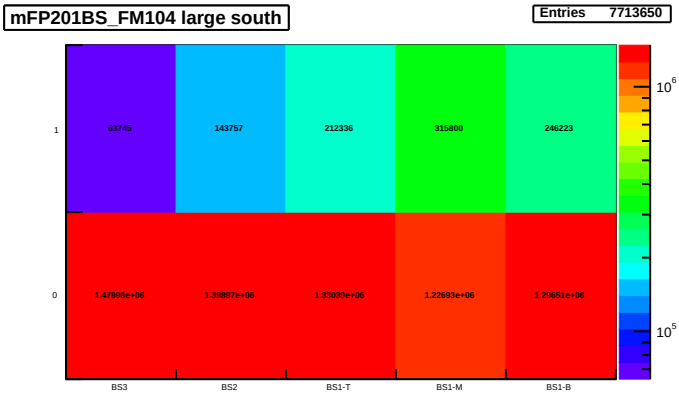

mFP201BSsim_FM101 small north
Entries 790350
51
284
251
461
189954
188467
149673
178315
82894
BS3
BS2
BS1-T
BS1-M
BS1-B

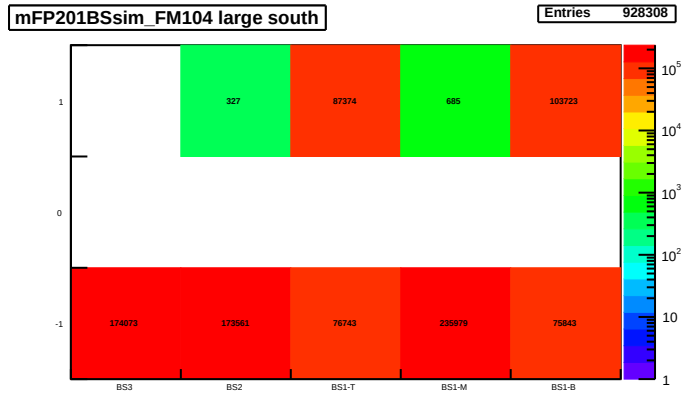

mFP201BS_FM102 small south
Entries 7713650
60406
91744
106667
84547
78250
1.48232e+06
1.45099e+06
1.43606e+06
1.45818e+06
1.46448e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

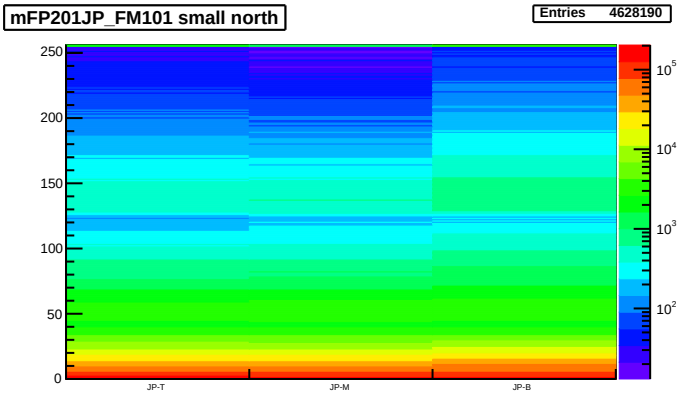

mFP201BSsim_FM102 small south
Entries 598377
99
416
412
225
110114
113843
123217
113597
136454
BS3
BS2
BS1-T
BS1-M
BS1-B

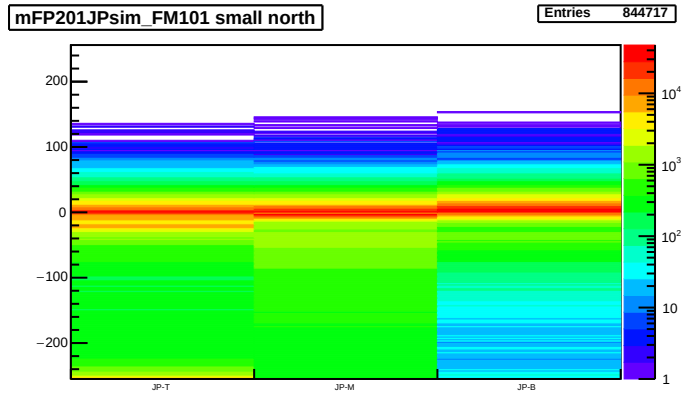

mFP201BS_FM103 large north
Entries 7713650
71581
157635
250345
302168
251388
1.47115e+06
1.3851e+06
1.29238e+06
1.24056e+06
1.29134e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

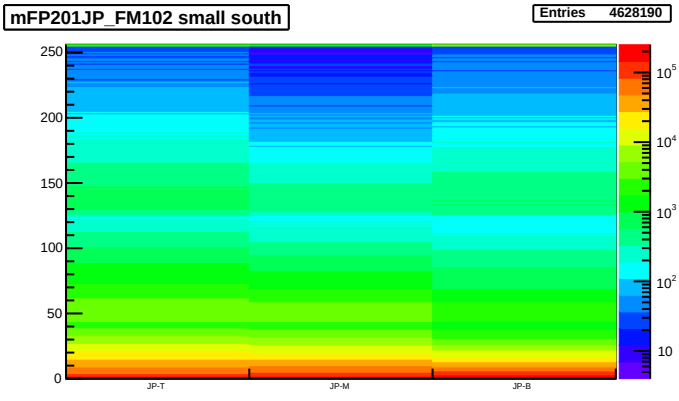

mFP201BSsim_FM103 large north
Entries 933861
342
111226
513
117423
177590
183432
39259
247505
56571
BS3
BS2
BS1-T
BS1-M
BS1-B

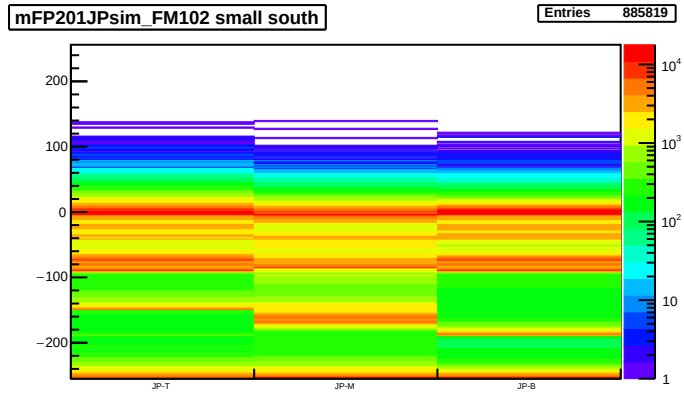

mFP201BS_FM104 large south
Entries 7713650
63745
143757
212336
315800
246223
1.47898e+06
1.39897e+06
1.33039e+06
1.22693e+06
1.29651e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

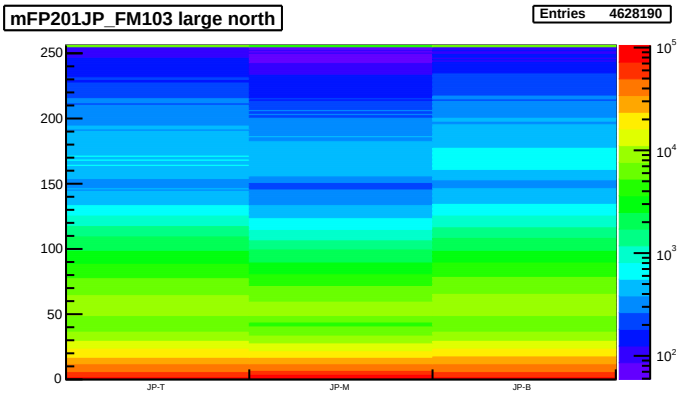

mFP201BSsim_FM104 large south
Entries 928308
327
87374
685
103723
174073
173561
76743
235979
75843
BS3
BS2
BS1-T
BS1-M
BS1-B

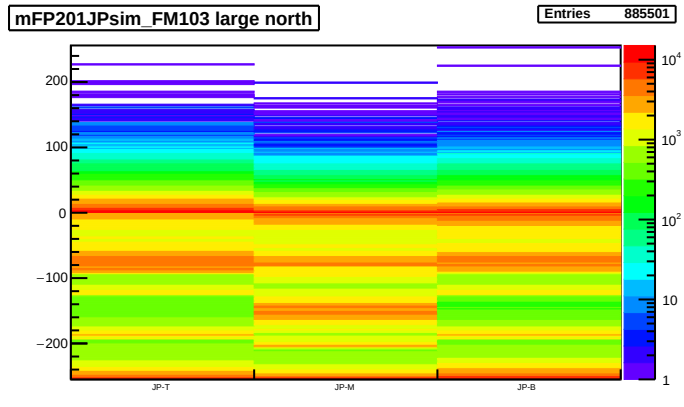

mFP201JP_FM101 small north
Entries 4628190
JP-T
JP-M
JP-B

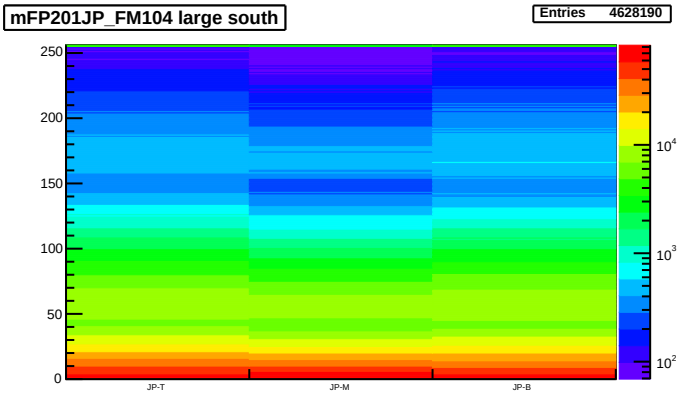

mFP201JPsim_FM101 small north
Entries 844717
JP-T
JP-M
JP-B

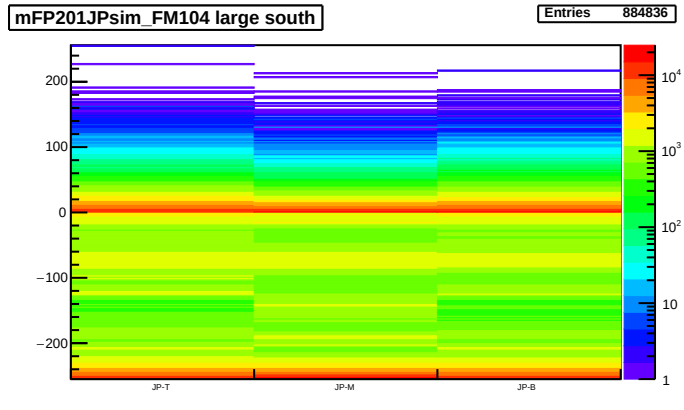

mFP201JP_FM102 small south
Entries 4628190
JP-T
JP-M
JP-B

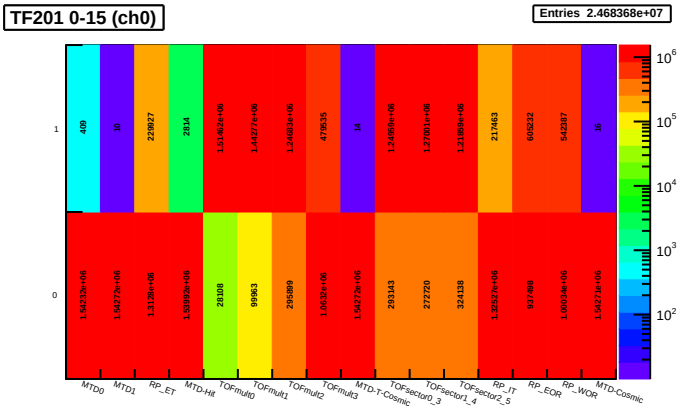

mFP201JPsim_FM102 small south
Entries 885819
JP-T
JP-M
JP-B

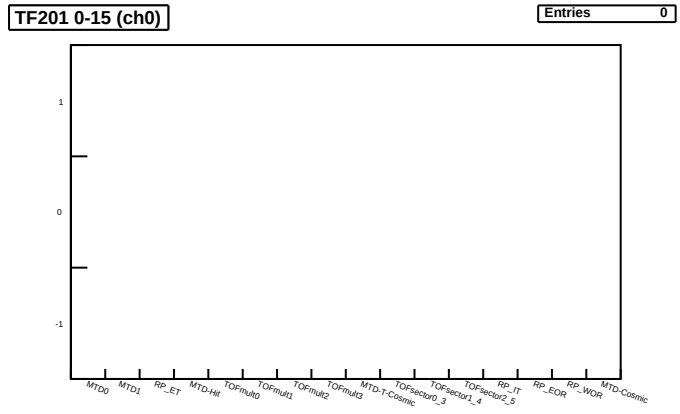

mFP201JP_FM103 large north
Entries 4628190
JP-T
JP-M
JP-B

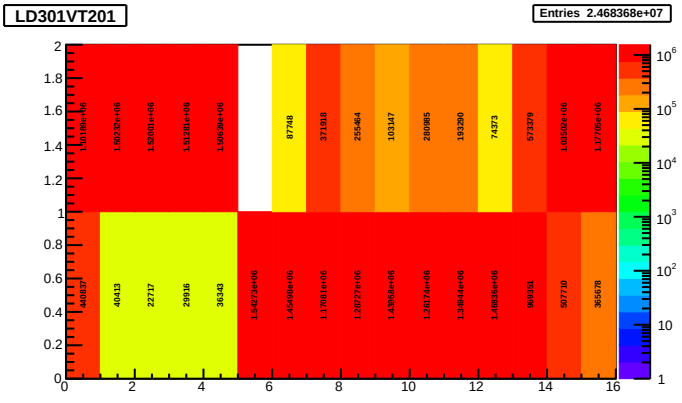

mFP201JPsim_FM103 large north
Entries 885501
JP-T
JP-M
JP-B

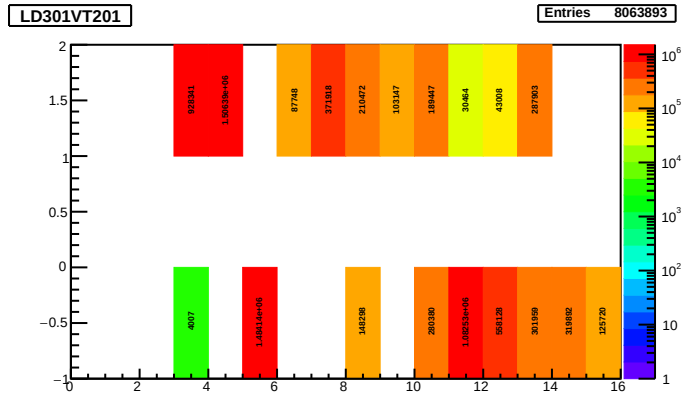

mFP201JP_FM104 large south
Entries 4628190
JP-T
JP-M
JP-B

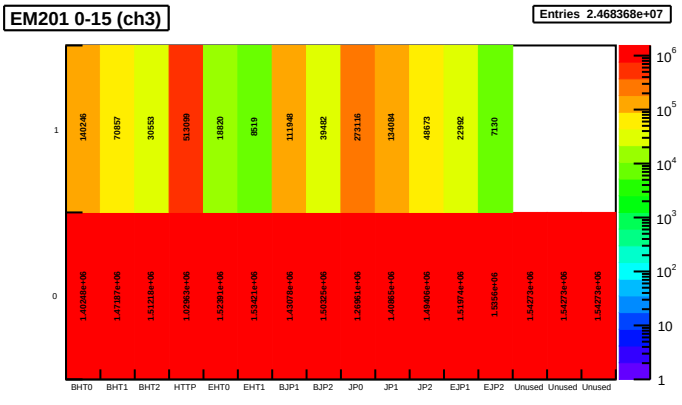

mFP201JPsim_FM104 large south
Entries 884836
JP-T
JP-M
JP-B

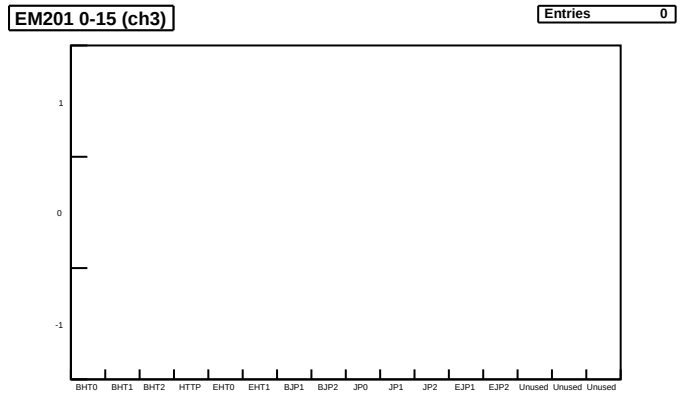

TF201 0-15 (ch0)
Entries 2.468368e+07
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic

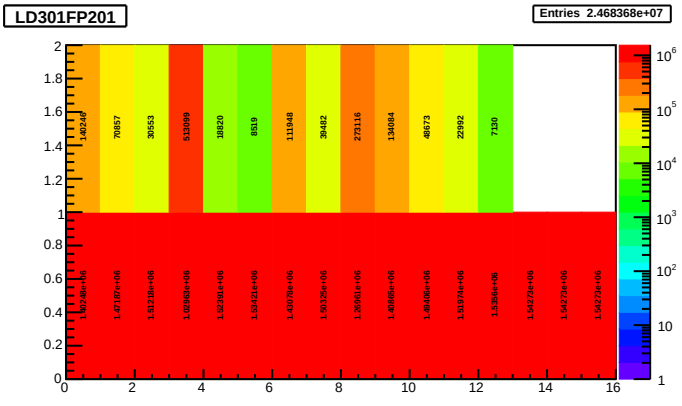

TF201 0-15 (ch0)
Entries 0
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic

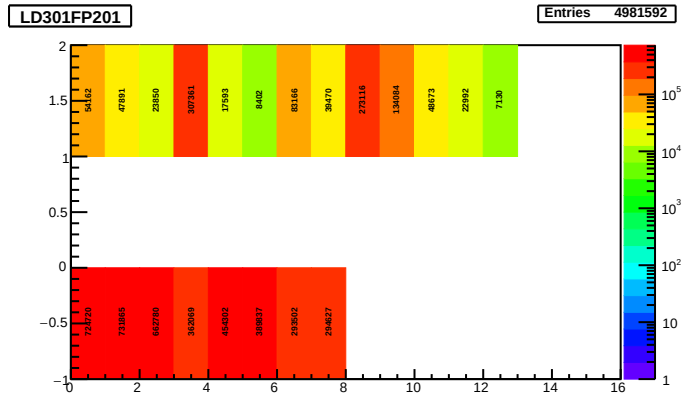

LD301VT201
Entries 2.468368e+07


LD301VT201
Entries 8063893


EM201 0-15 (ch3)
Entries 2.468368e+07
BHT0 BHT1 BHT2 HTTP EHT0 EHT1 BJP1 BJP2 JP0 JP1 JP2 EJP1 EJP2 Unused Unused Unused


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


LD301FP201
Entries 2.468368e+07


LD301FP201
Entries 4981592