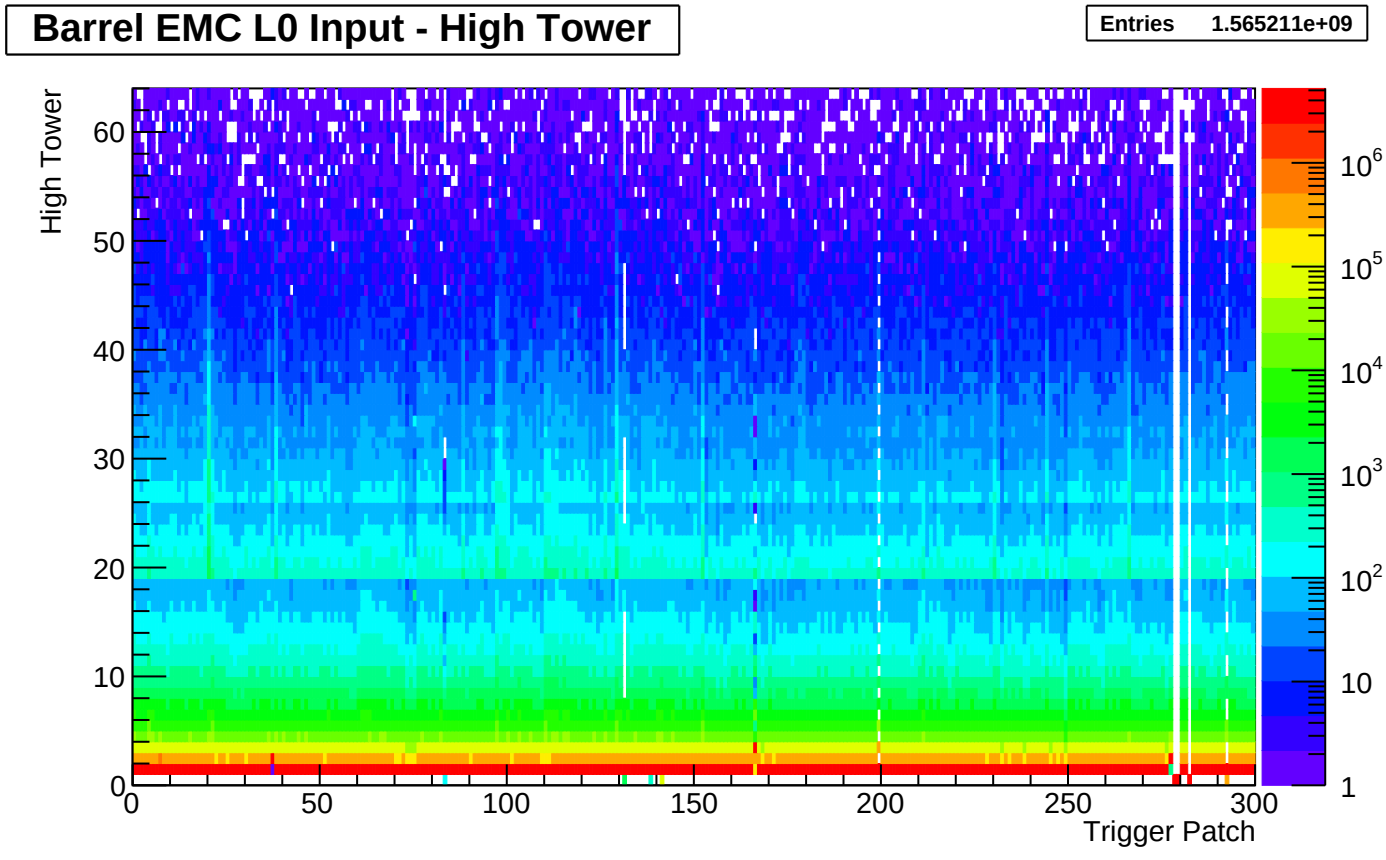
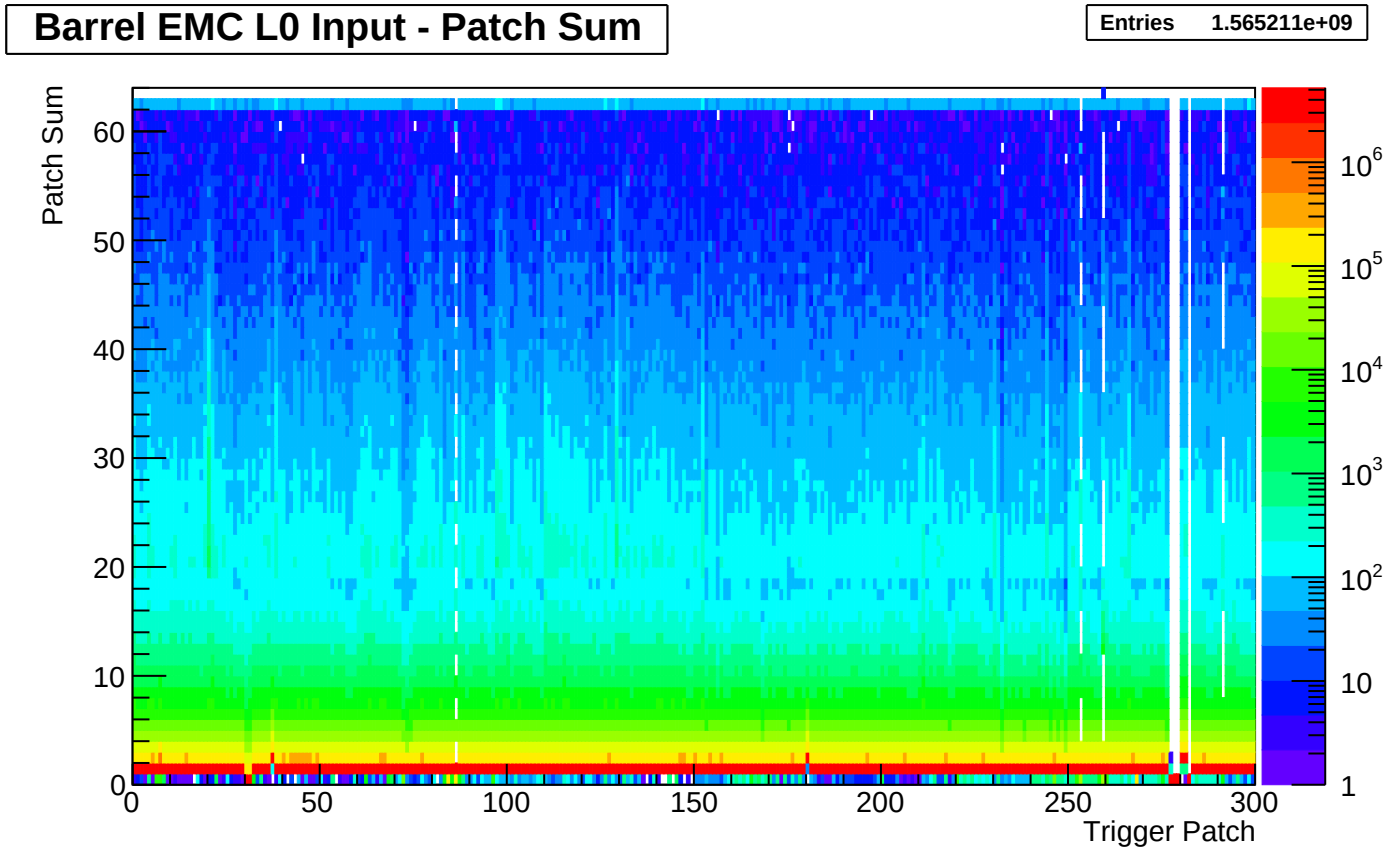
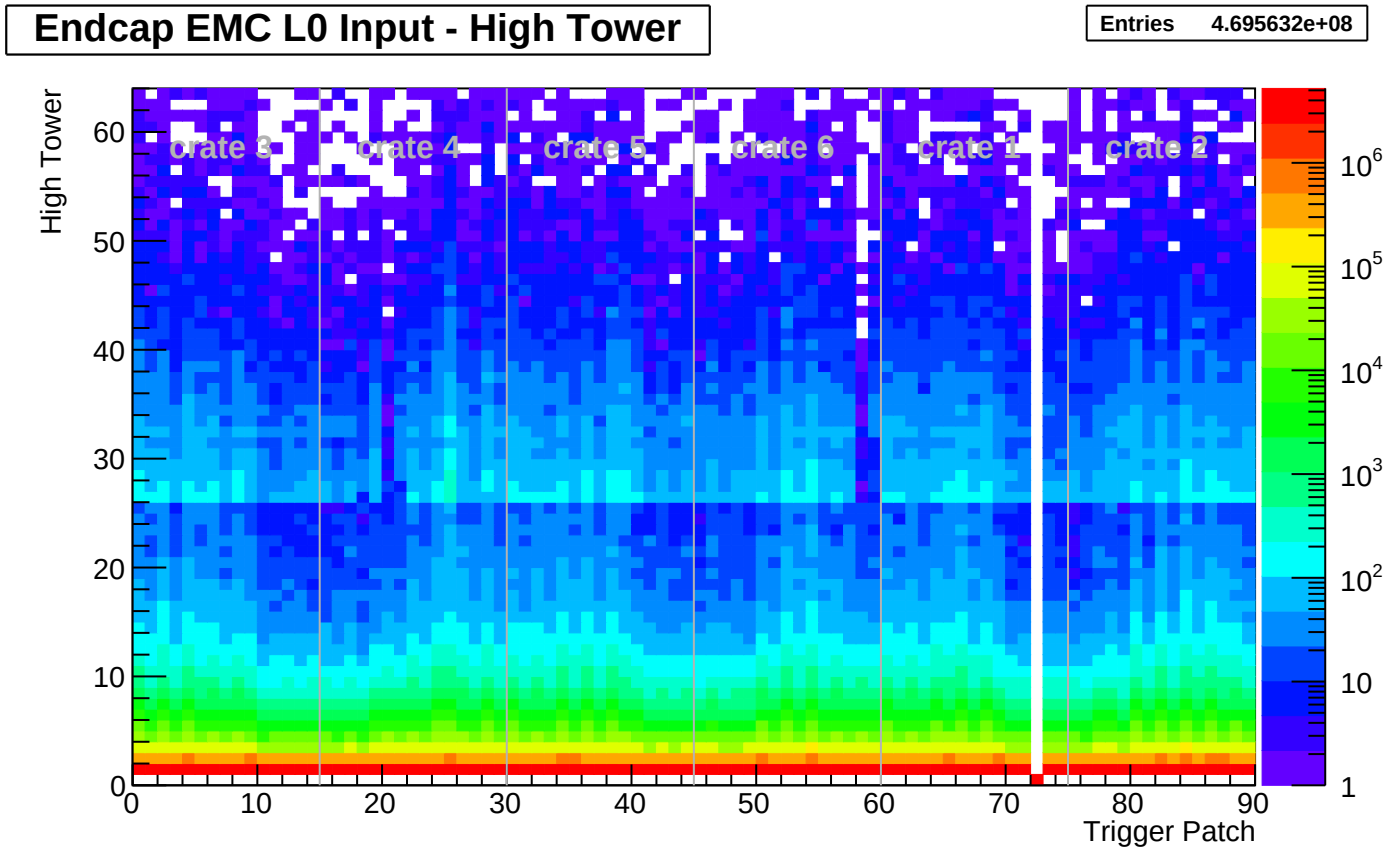
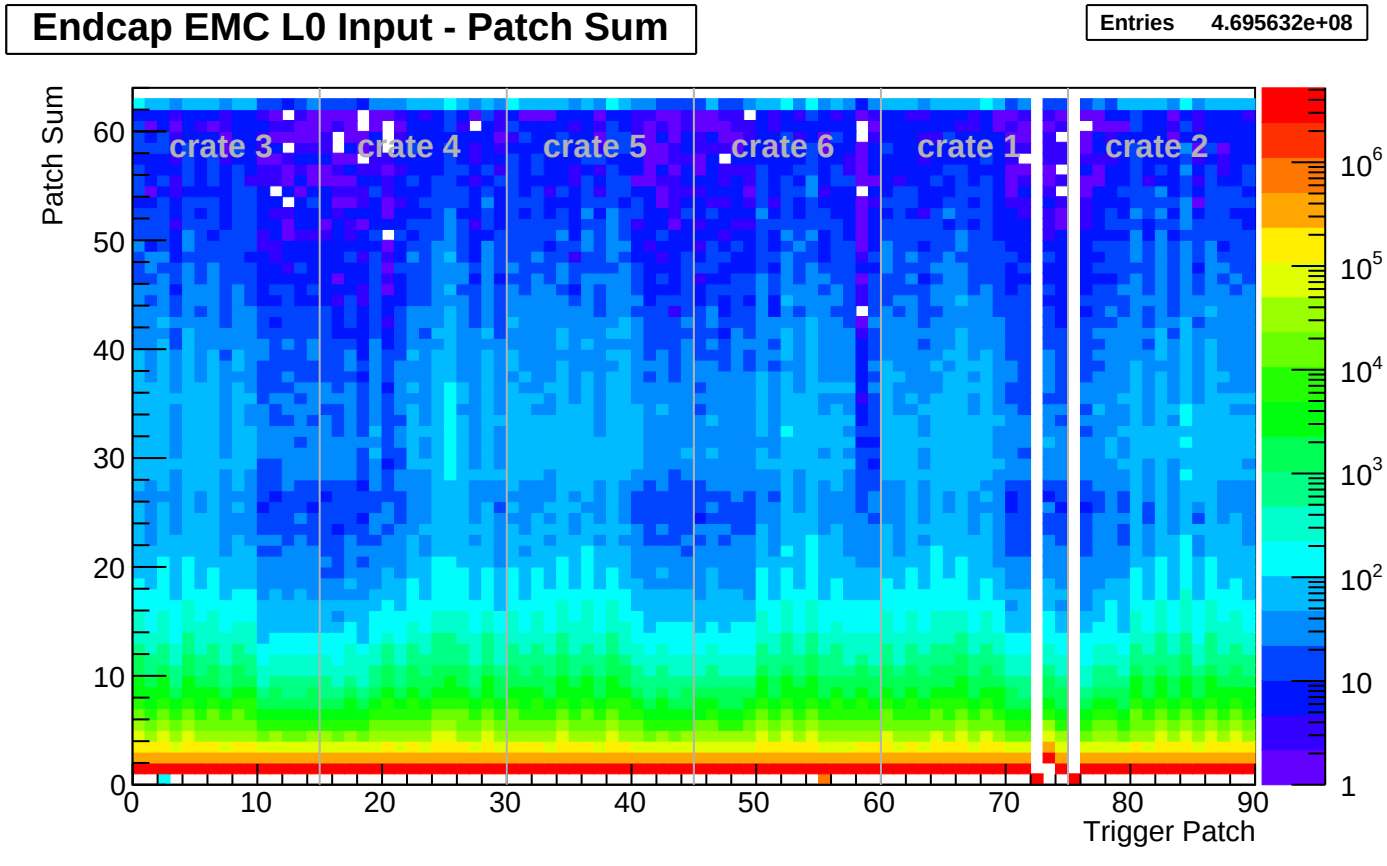
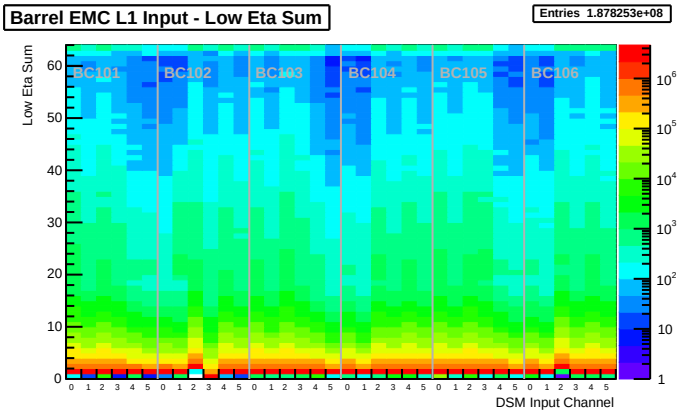
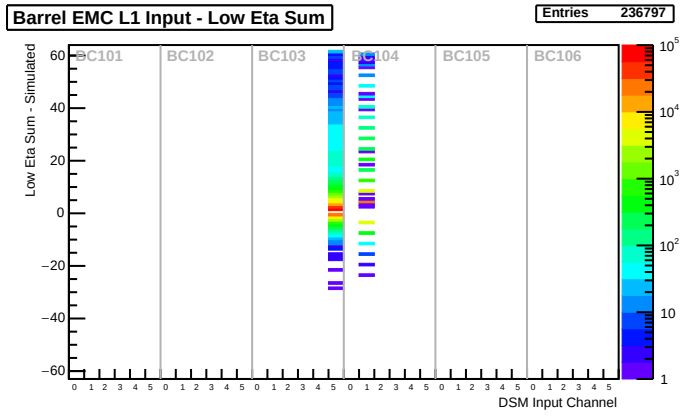

Barrel EMC L0 Input - High Tower
Entries 1.565211e+09
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

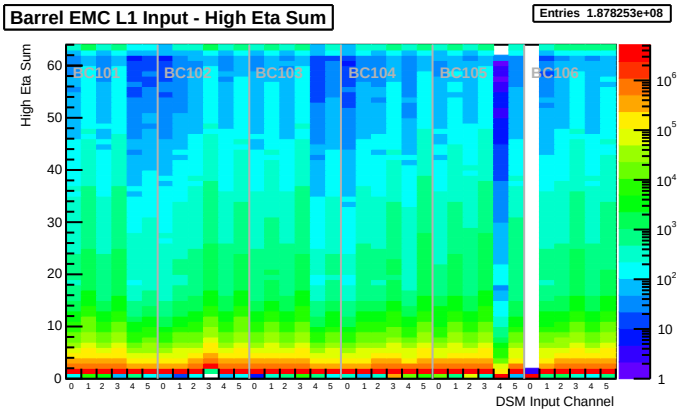

Barrel EMC L0 Input - Patch Sum
Entries 1.565211e+09
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

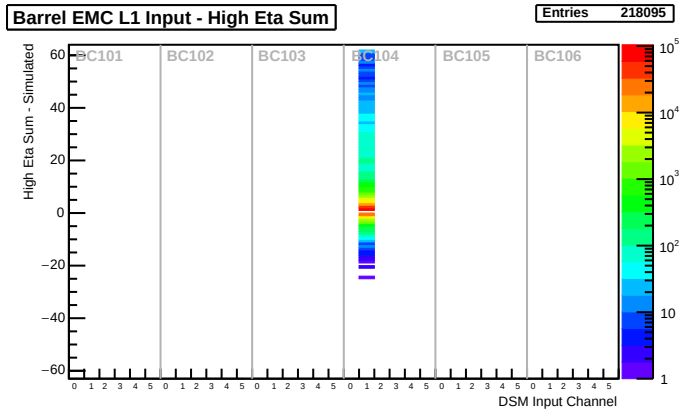

Endcap EMC L0 Input - High Tower
Entries 4.695632e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

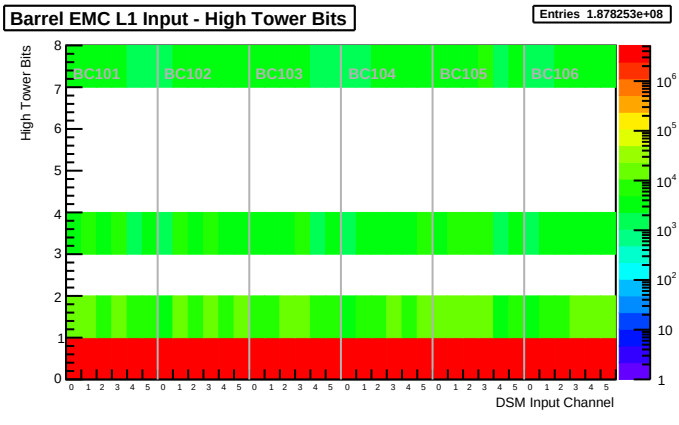

Endcap EMC L0 Input - Patch Sum
Entries 4.695632e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

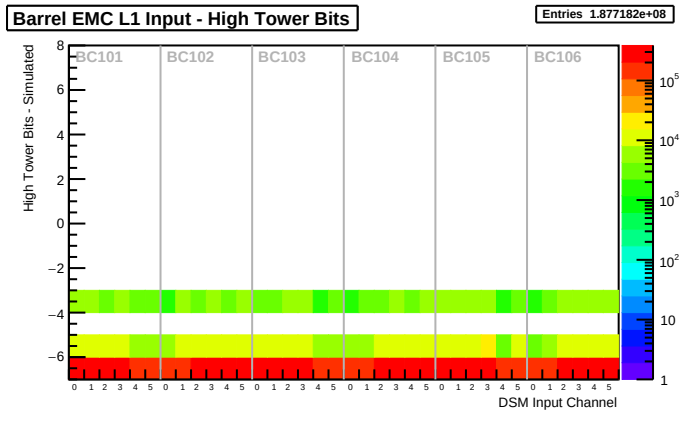

Barrel EMC L1 Input - Low Eta Sum
Entries 1.878253e+08
Low Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

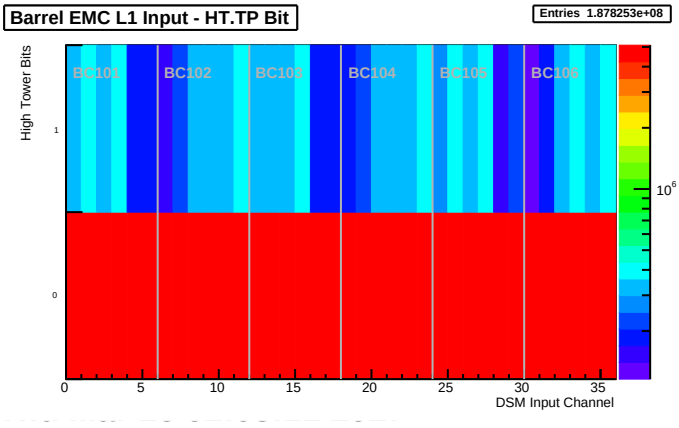

Barrel EMC L1 Input - Low Eta Sum
Entries 236797
Low Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

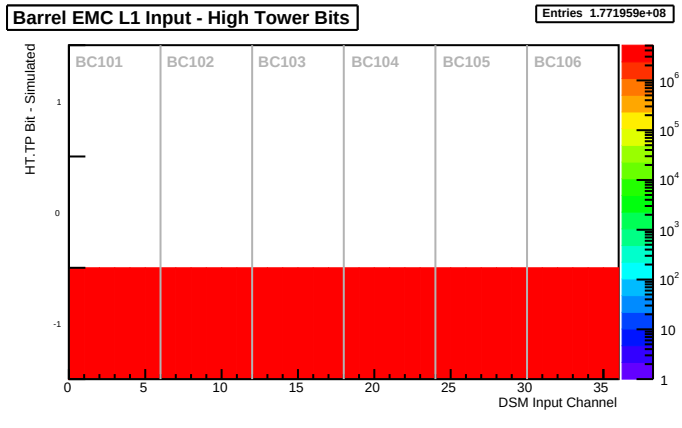

Barrel EMC L1 Input - High Eta Sum
Entries 1.878253e+08
High Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

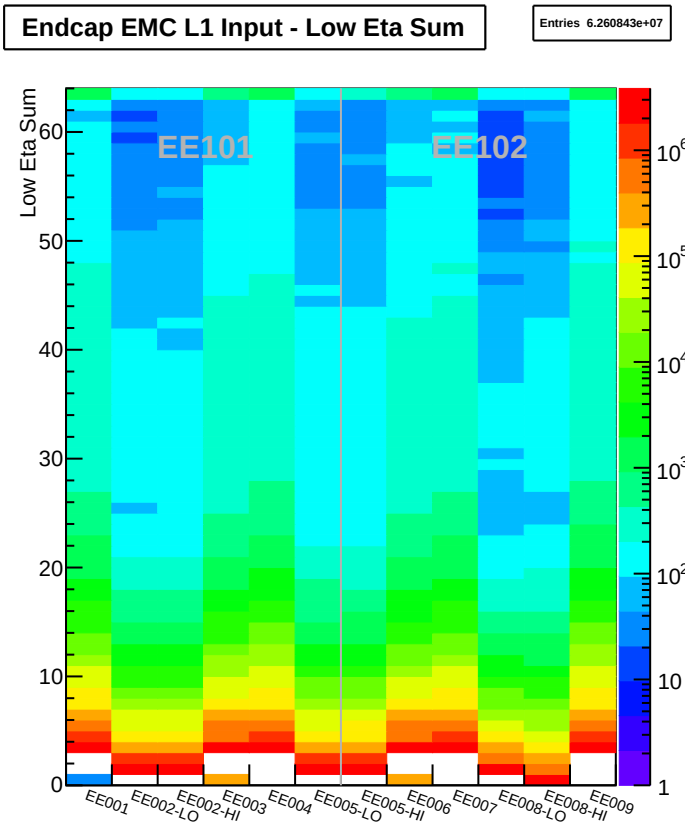

Barrel EMC L1 Input - High Eta Sum
Entries 218095
High Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

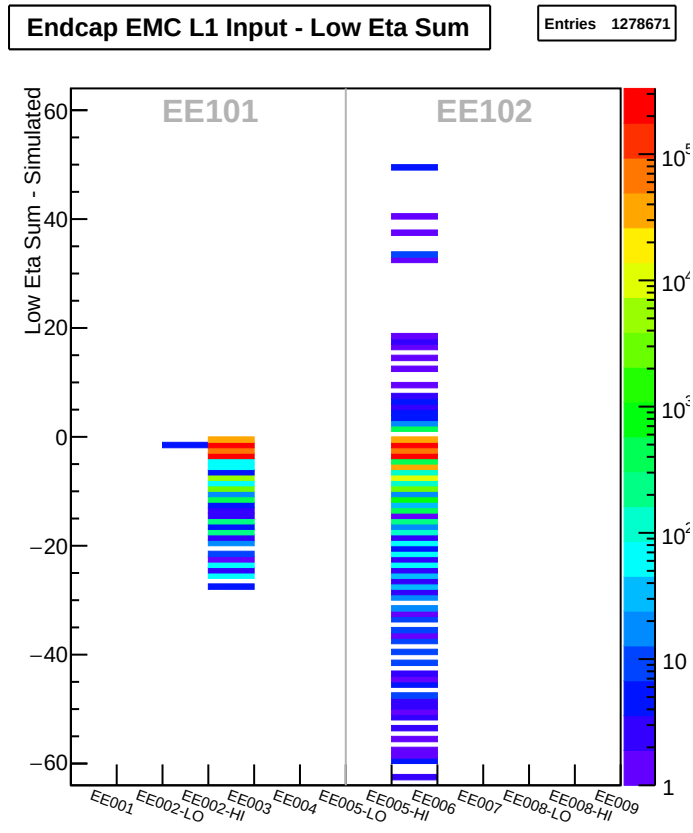

Barrel EMC L1 Input - High Tower Bits
Entries 1.878253e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

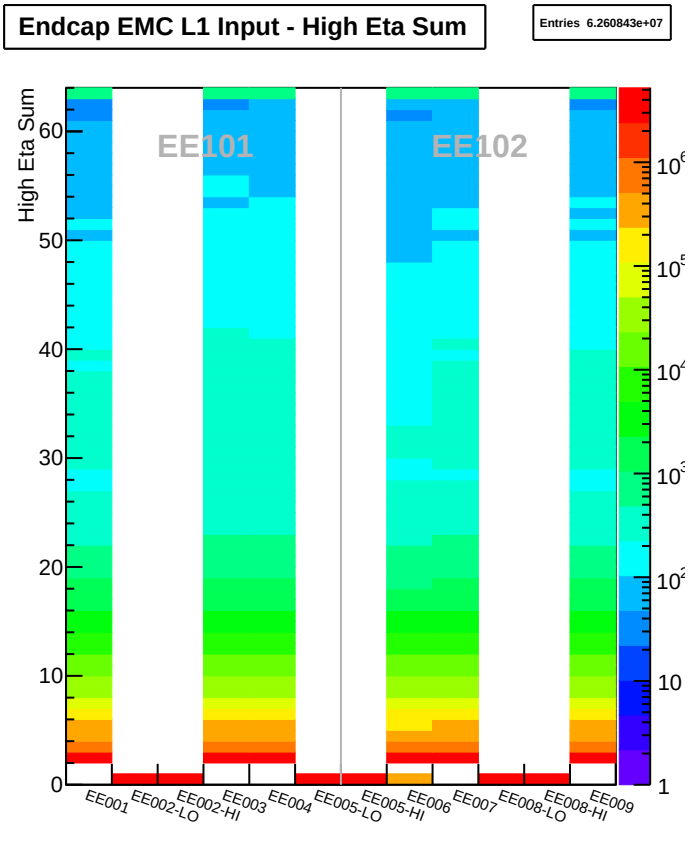

Barrel EMC L1 Input - High Tower Bits
Entries 1.877182e+08
High Tower Bits - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

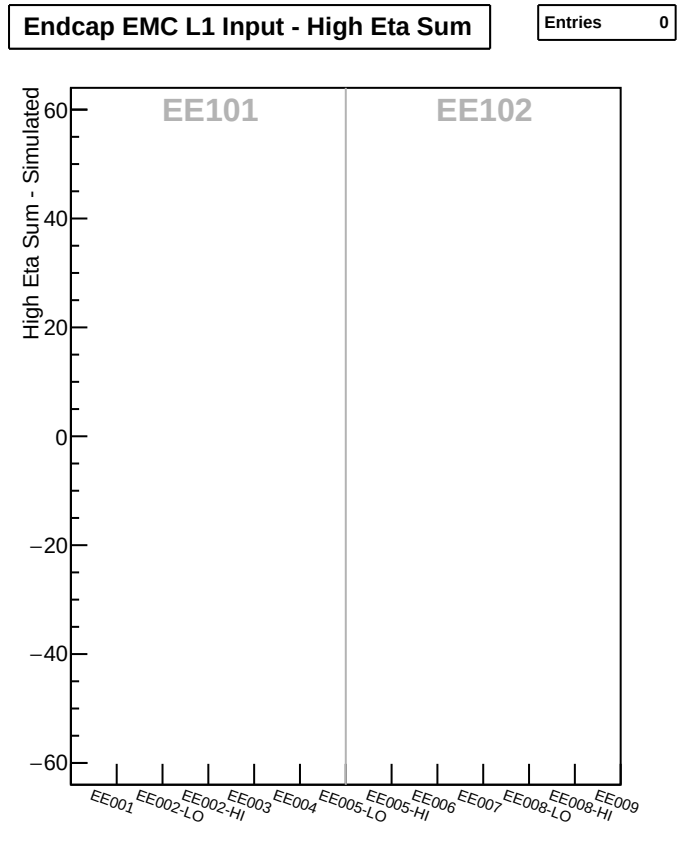

Barrel EMC L1 Input - HT.TP Bit
Entries 1.878253e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel


Barrel EMC L1 Input - High Tower Bits
Entries 1.771959e+08
HT.TP Bit - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel


Endcap EMC L1 Input - Low Eta Sum
Entries 6.260843e+07
Low Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

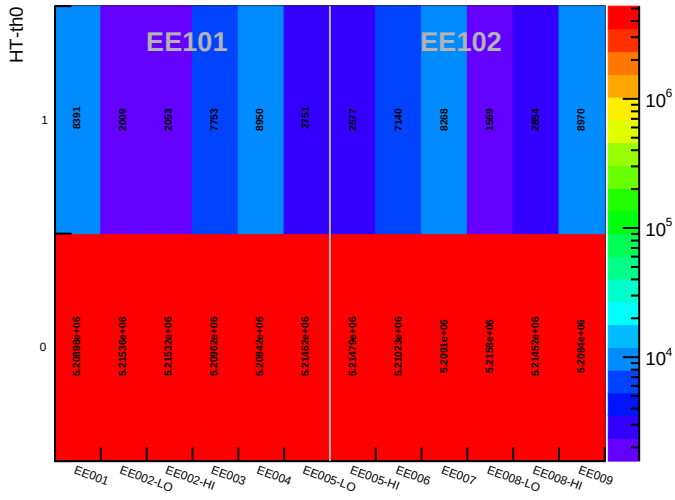

Endcap EMC L1 Input - Low Eta Sum
Entries 1278671
Low Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009


Endcap EMC L1 Input - High Eta Sum
Entries 6.260843e+07
High Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009


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

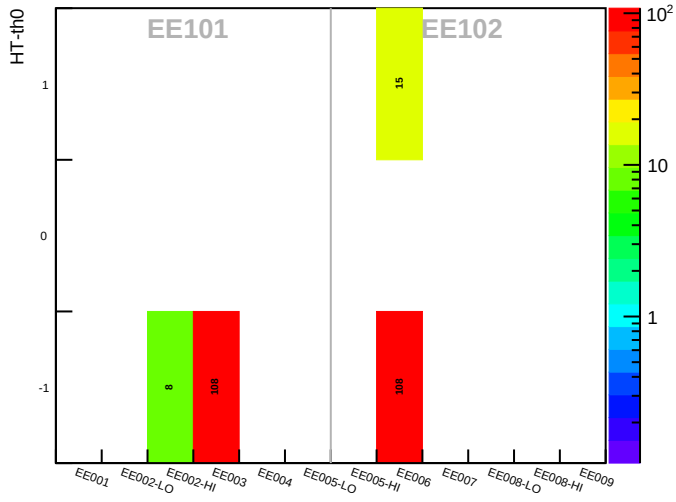
Endcap EMC L1 Input - HT-th0

Entries 6.260843e+07



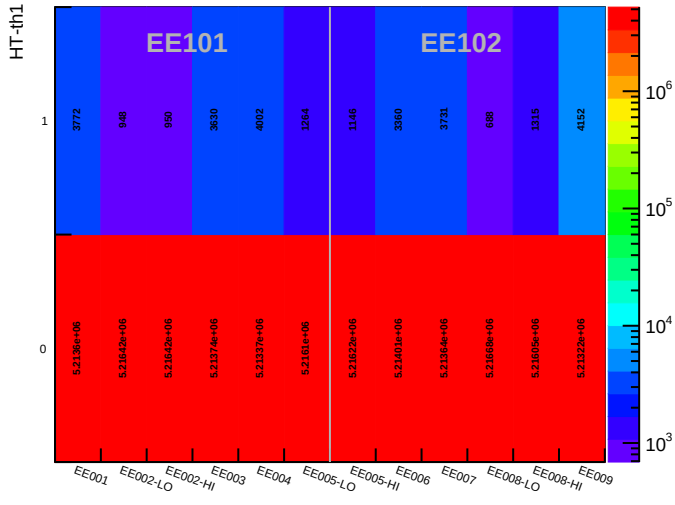
Endcap EMC L1 Input - HT-th0 Diff

Entries 239



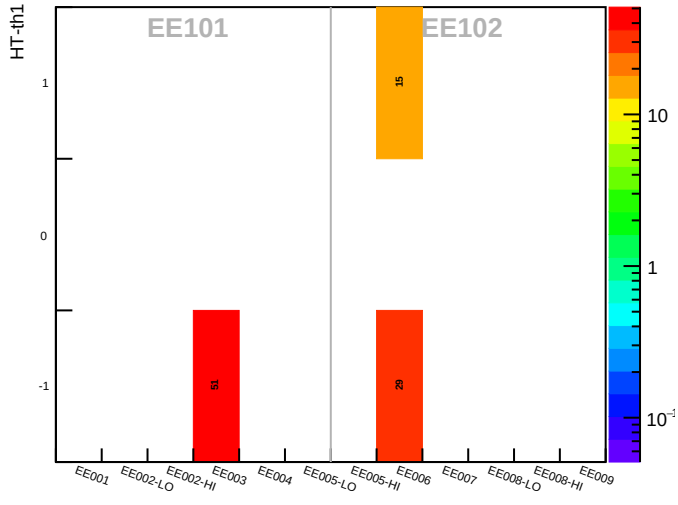
Endcap EMC L1 Input - HT-th1

Entries 6.260843e+07



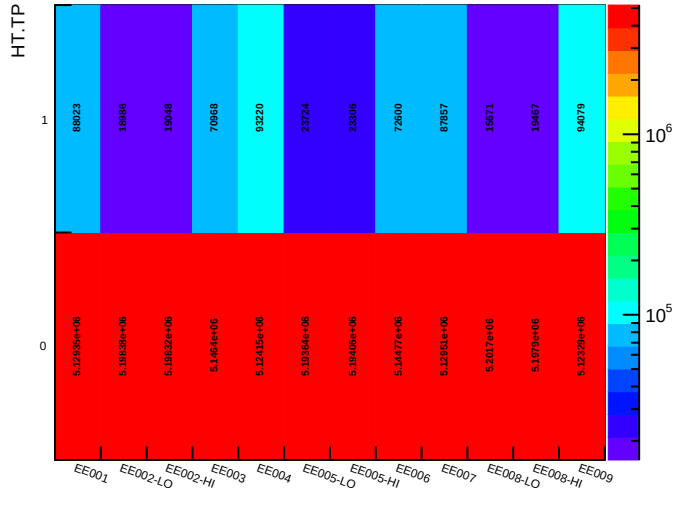
Endcap EMC L1 Input - HT-th1 Diff

Entries 95



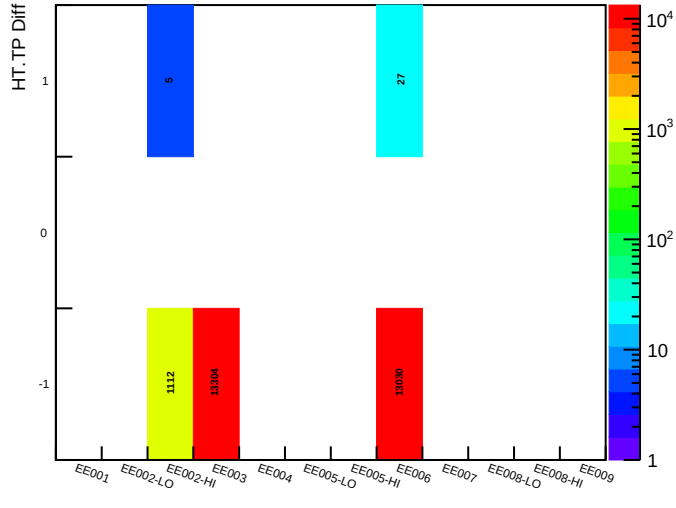
Endcap EMC L1 Input - HT.TP

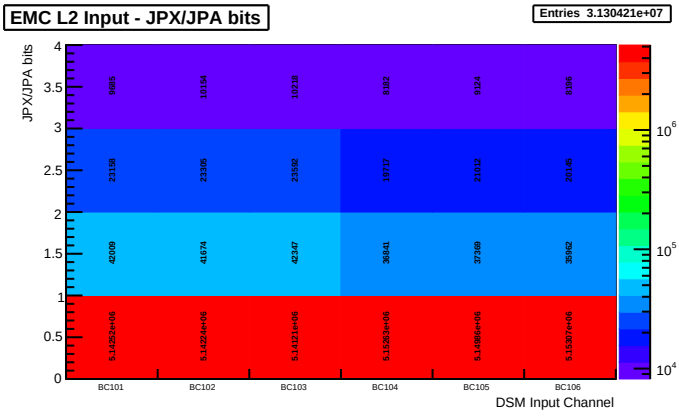
Entries 6.260843e+07

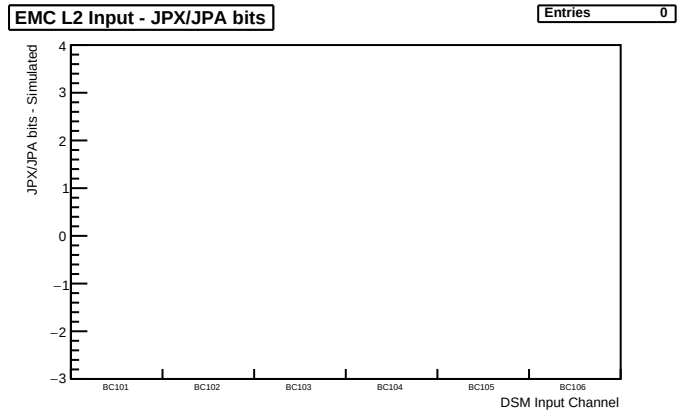


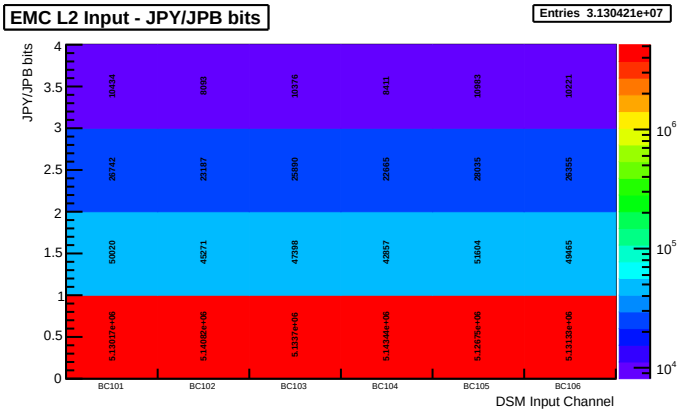
Endcap EMC L1 Input - HT.TP Diff

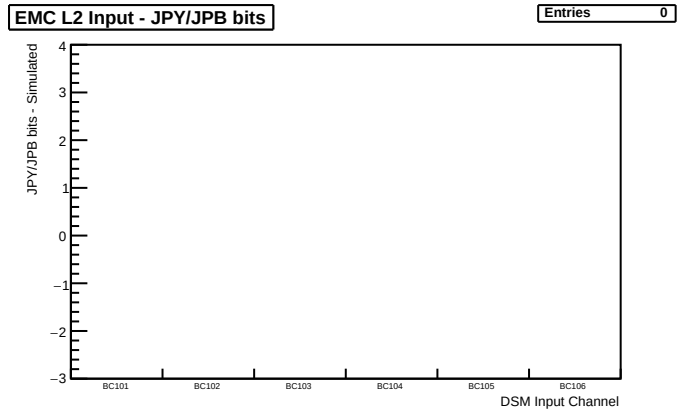
Entries 27478

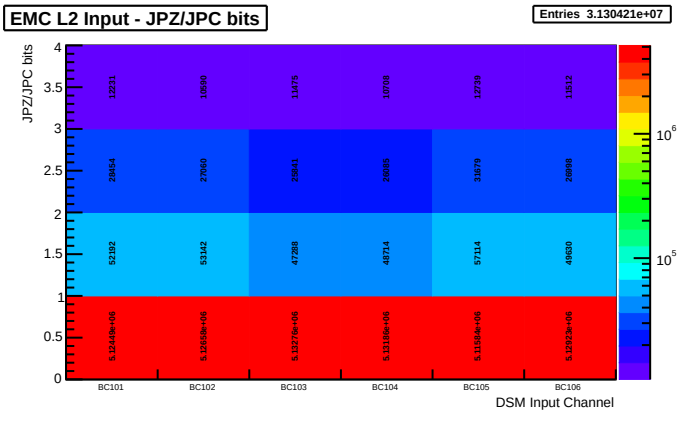


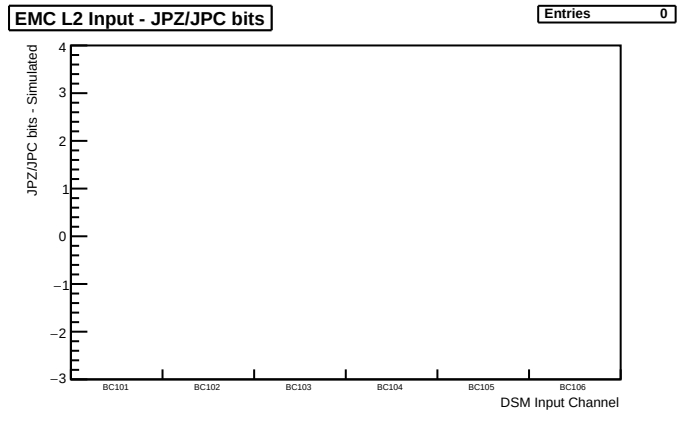

EMC L2 Input - JPX/JPA bits
Entries 3.130421e+07
JPX/JPA bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
9605
10154
10218
8182
9124
8186
23158
23305
23582
19717
21032
20145
42009
41674
42347
36841
37389
35962
5.14252e+06
5.14224e+06
5.14121e+06
5.15253e+06
5.14896e+06
5.15307e+06

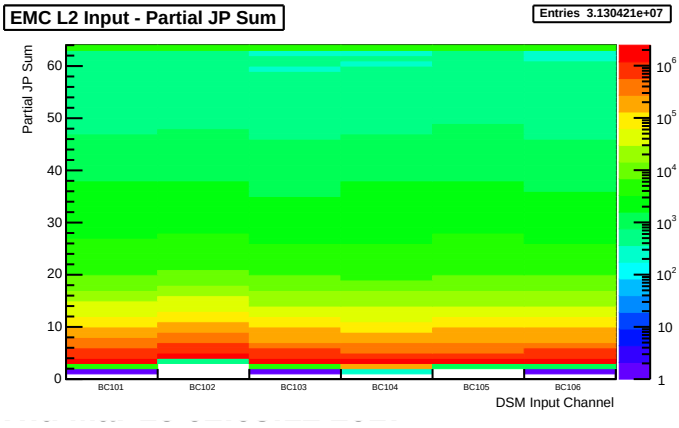

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

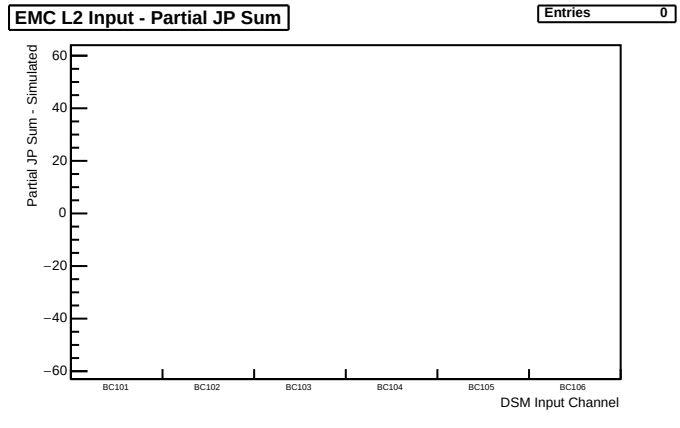

EMC L2 Input - JPY/JPB bits
Entries 3.130421e+07
JPY/JPB bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
10434
8095
10376
8411
10983
10221
26742
23187
25890
22665
26035
26355
50020
43271
47398
42857
51604
49465
5.13017e+06
5.14082e+06
5.13379e+06
5.14344e+06
5.12675e+06
5.13133e+06

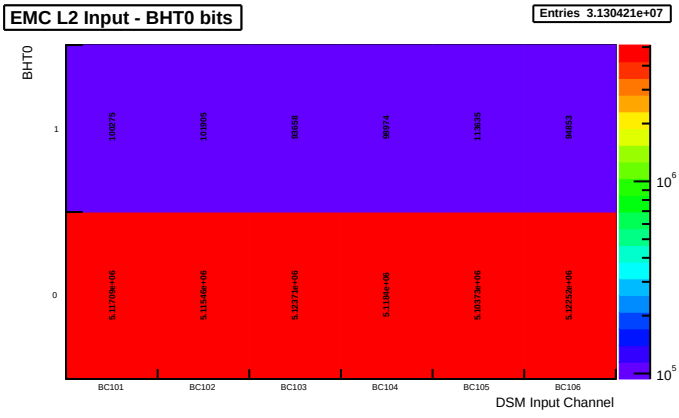

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

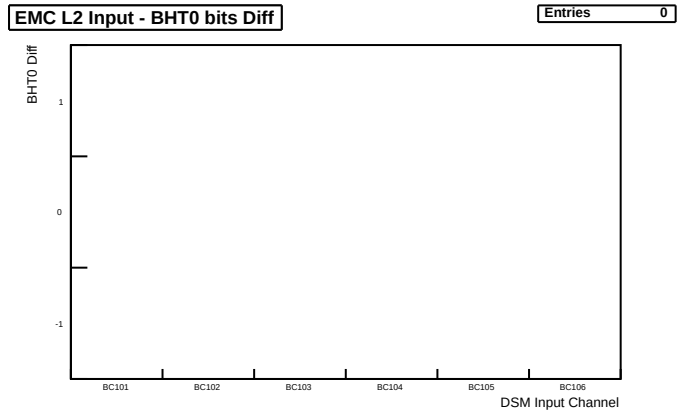

EMC L2 Input - JPZ/JPC bits
Entries 3.130421e+07
JPZ/JPC bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
12231
10590
11075
10708
12239
11512
28454
27560
28941
26885
31579
28898
52192
53142
47288
48714
57114
49620
5.12449e+06
5.12658e+06
5.13276e+06
5.13189e+06
5.11594e+06
5.12923e+06

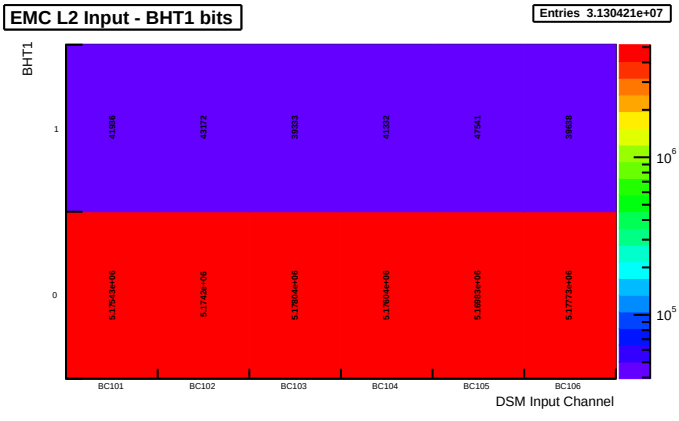

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

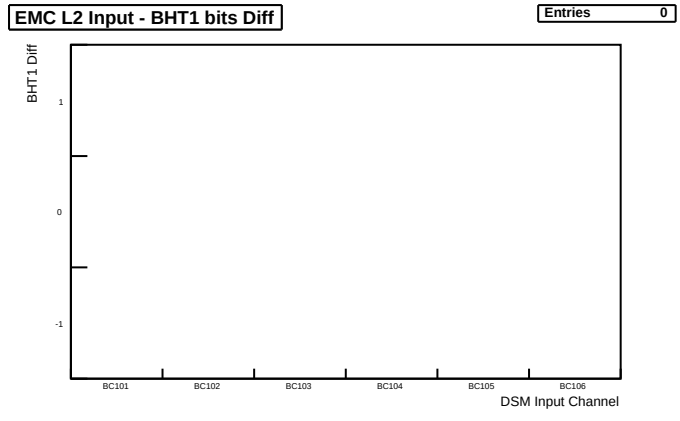

EMC L2 Input - Partial JP Sum
Entries 3.130421e+07
Partial JP Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

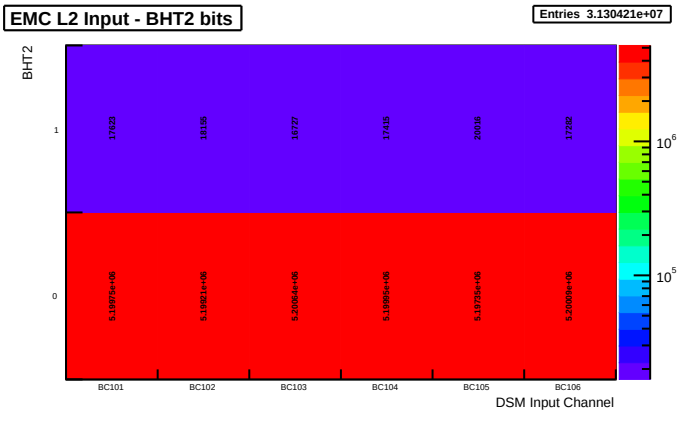

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

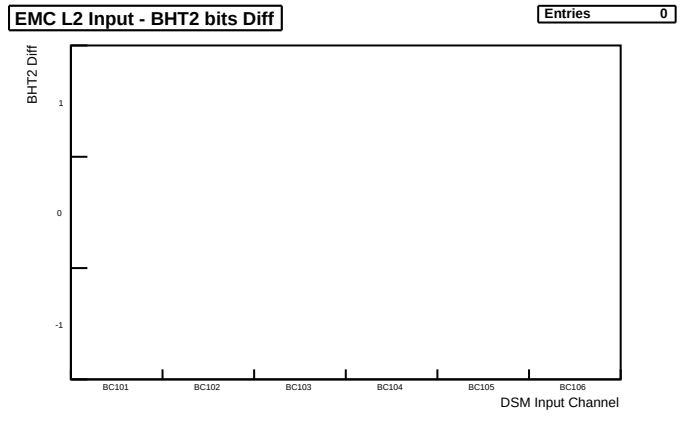

EMC L2 Input - BHT0 bits
Entries 3.130421e+07
BHT0
1
0
100275
101905
99658
99974
113535
94653
5.11709e+06
5.11546e+06
5.12371e+06
5.1198e+06
5.10373e+06
5.12252e+06
10^6
10^5
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

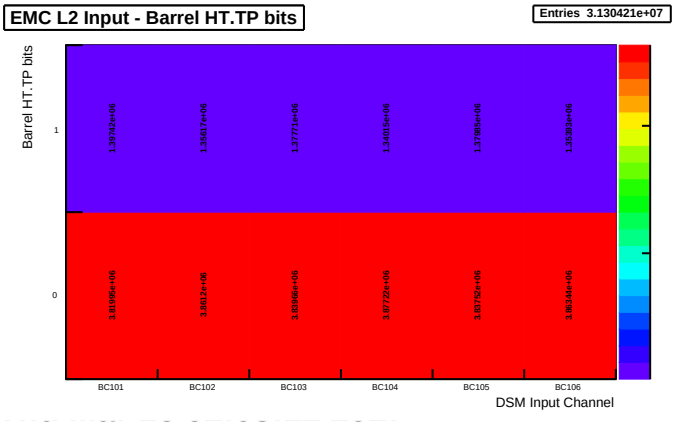

EMC L2 Input - BHT0 bits Diff
Entries 0
BHT0 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

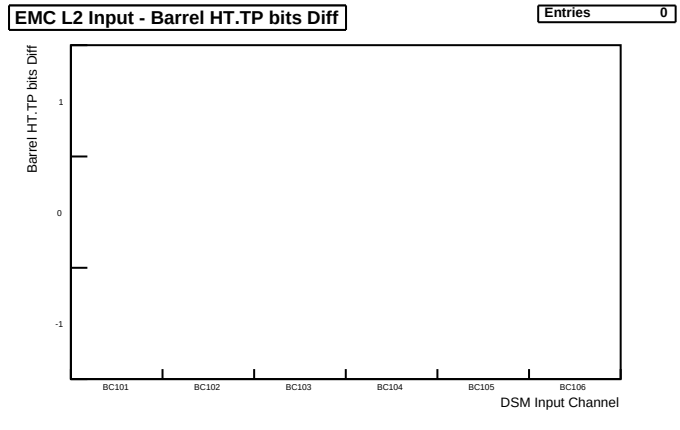

EMC L2 Input - BHT1 bits
Entries 3.130421e+07
BHT1
1
0
41836
43172
39333
41332
47541
39638
5.17543e+06
5.1742e+06
5.17604e+06
5.17604e+06
5.16983e+06
5.17773e+06
10^6
10^5
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

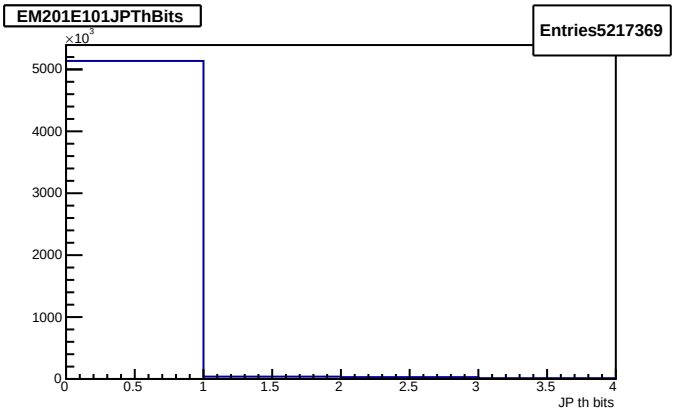

EMC L2 Input - BHT1 bits Diff
Entries 0
BHT1 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

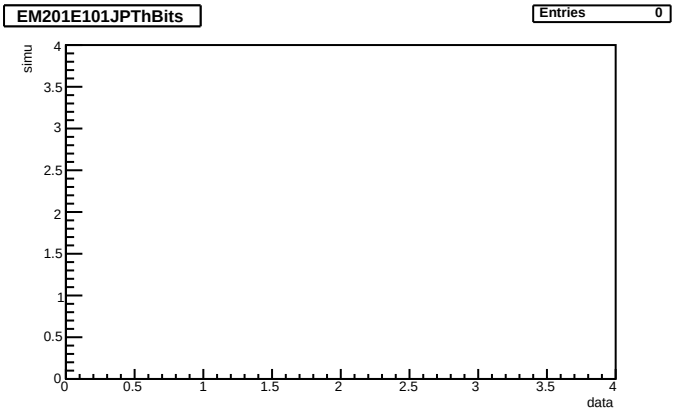

EMC L2 Input - BHT2 bits
Entries 3.130421e+07
BHT2
1
0
17623
18155
16727
17415
20016
17232
5.19975e+06
5.19921e+06
5.20064e+06
5.19995e+06
5.19735e+06
5.20039e+06
10^6
10^5
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

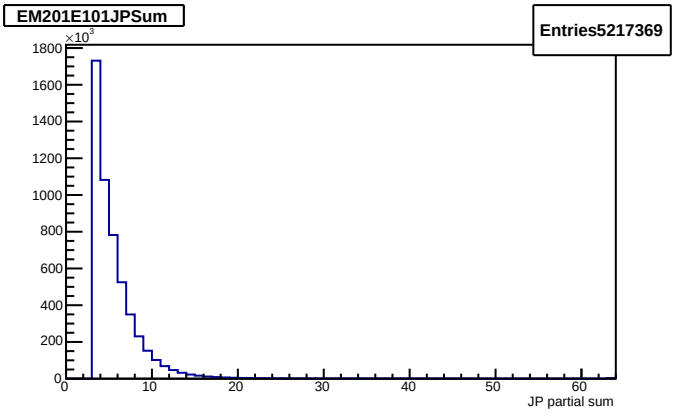

EMC L2 Input - BHT2 bits Diff
Entries 0
BHT2 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

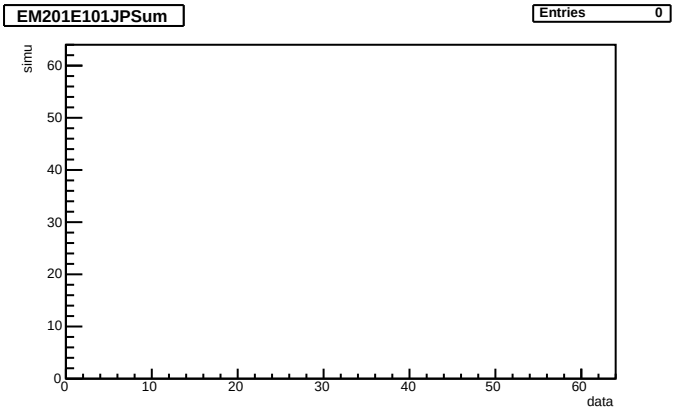

EMC L2 Input - Barrel HT.TP bits
Entries 3.130421e+07
Barrel HT.TP bits
1
0
1.38742e+06
1.35017e+06
1.37771e+06
1.34015e+06
1.37989e+06
1.35393e+06
3.81395e+06
3.8612e+06
3.83966e+06
3.87722e+06
3.83752e+06
3.86344e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

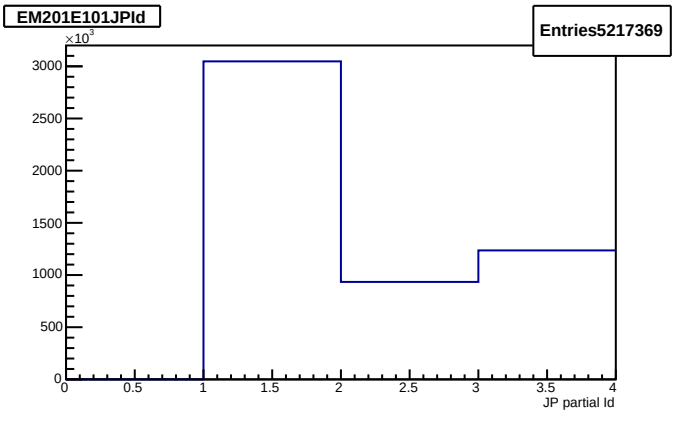

EMC L2 Input - Barrel HT.TP bits Diff
Entries 0
Barrel HT.TP bits Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

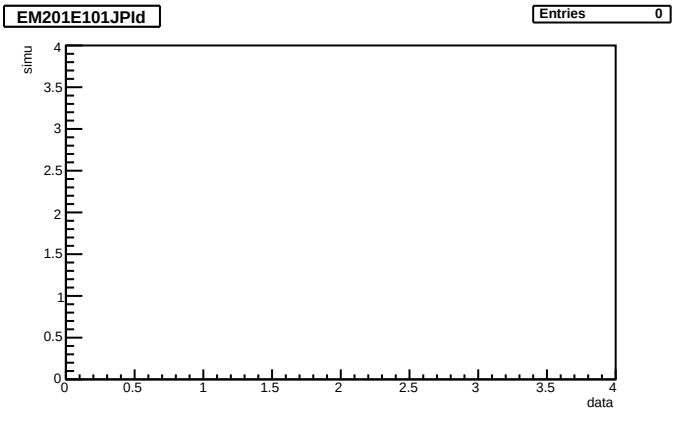

EM201E101JPThBits
Entries5217369
×10^3
5000
4000
3000
2000
1000
0
0 0.5 1 1.5 2 2.5 3 3.5 4
JP th bits

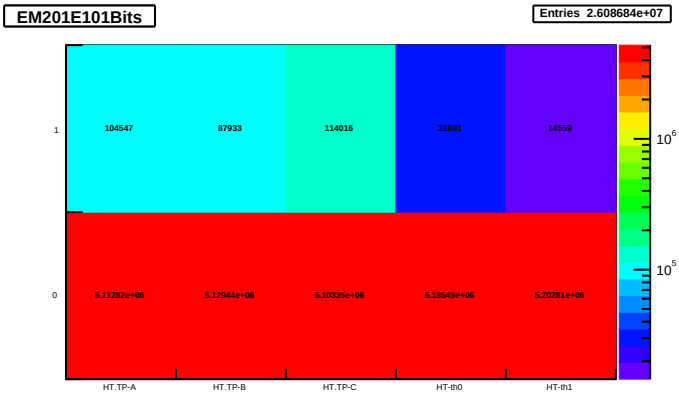

EM201E101JPThBits
Entries 0
simu
4 3.5 3 2.5 2 1.5 1 0.5 0
0 0.5 1 1.5 2 2.5 3 3.5 4
data

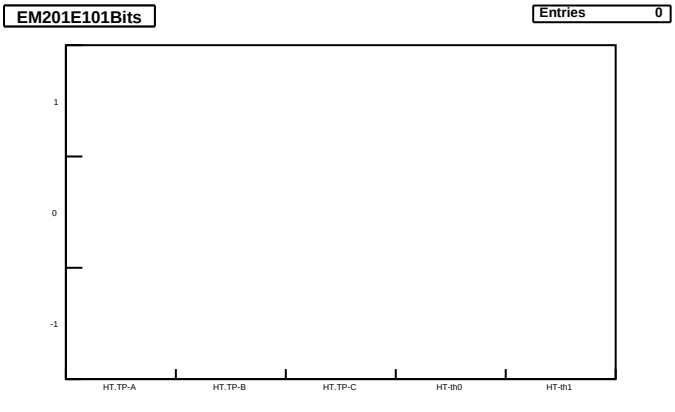

EM201E101JPSum
Entries5217369
×10^3
1800
1600
1400
1200
1000
800
600
400
200
0
0 10 20 30 40 50 60
JP partial sum

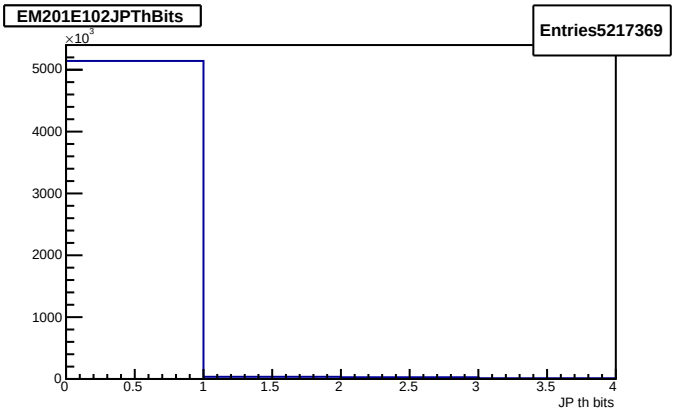

EM201E101JPSum
Entries 0
simu
60 50 40 30 20 10 0
0 10 20 30 40 50 60
data

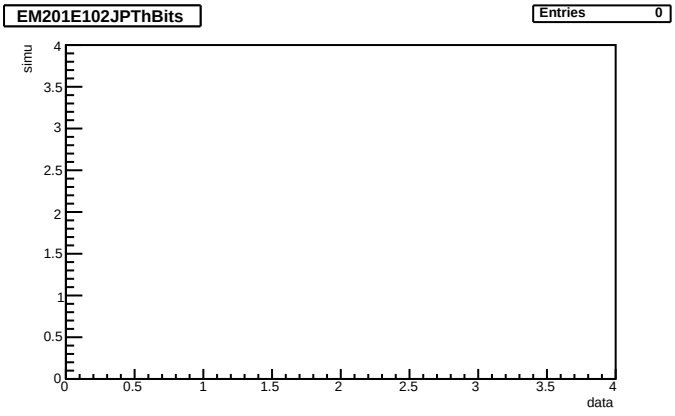

EM201E101JPId
Entries5217369
×10^3
3000
2500
2000
1500
1000
500
0
0 0.5 1 1.5 2 2.5 3 3.5 4
JP partial Id

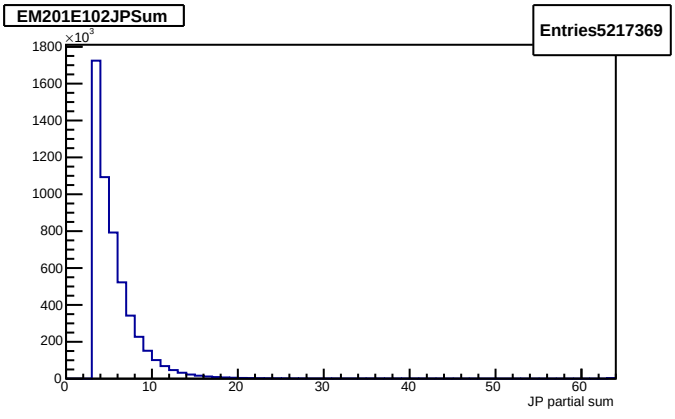

EM201E101JPId
Entries 0
simu
4 3.5 3 2.5 2 1.5 1 0.5 0
0 0.5 1 1.5 2 2.5 3 3.5 4
data

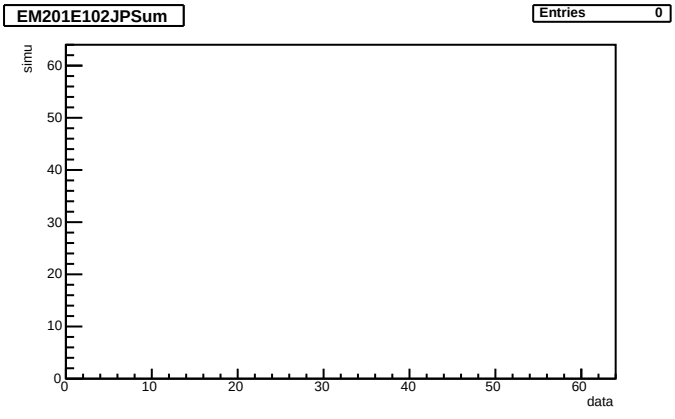

EM201E101Bits
Entries 2.608684e+07
1
0
104547
87933
114016
31881
14559
5.11282e+06
5.12944e+06
5.10335e+06
5.18549e+06
5.20281e+06
10^6
10^5
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

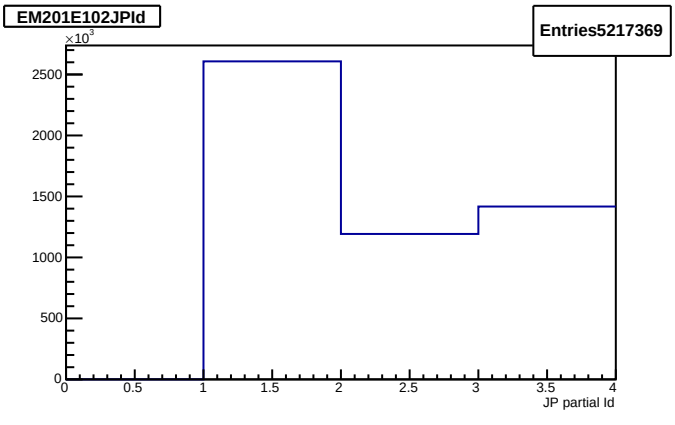

EM201E101Bits
Entries 0
1
0
-1
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

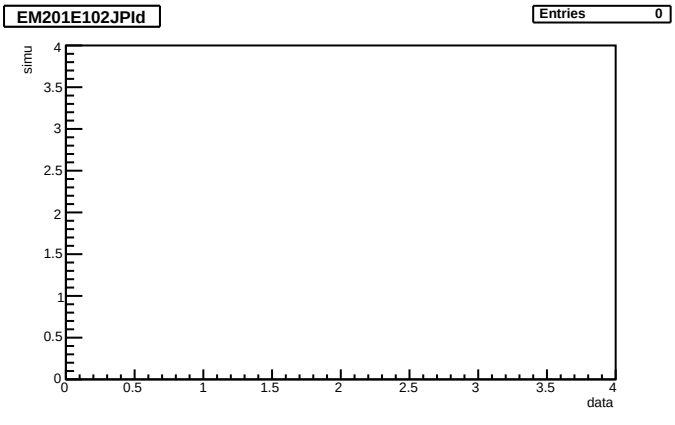

EM201E102JPThBits
Entries5217369
×10^3
JP th bits

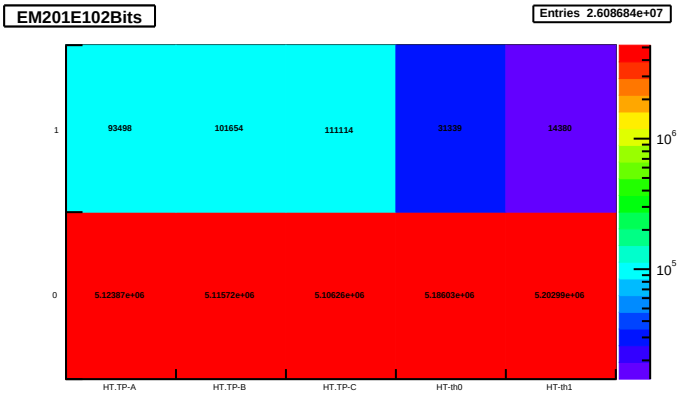

EM201E102JPThBits
Entries 0
simu
data

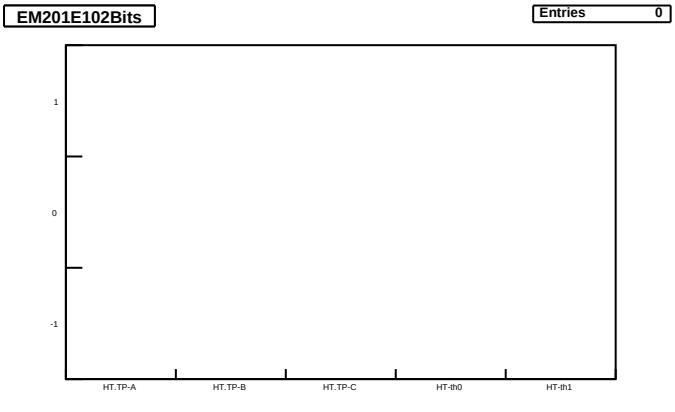

EM201E102JPSum
Entries5217369
×10^3
JP partial sum

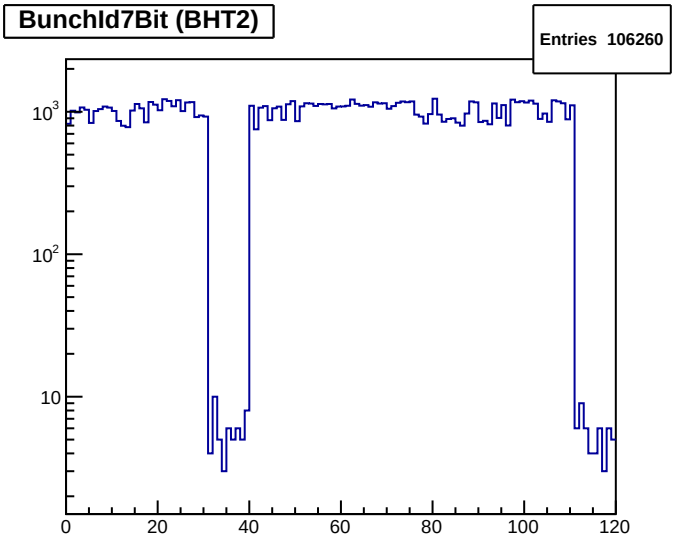

EM201E102JPSum
Entries 0
simu
data

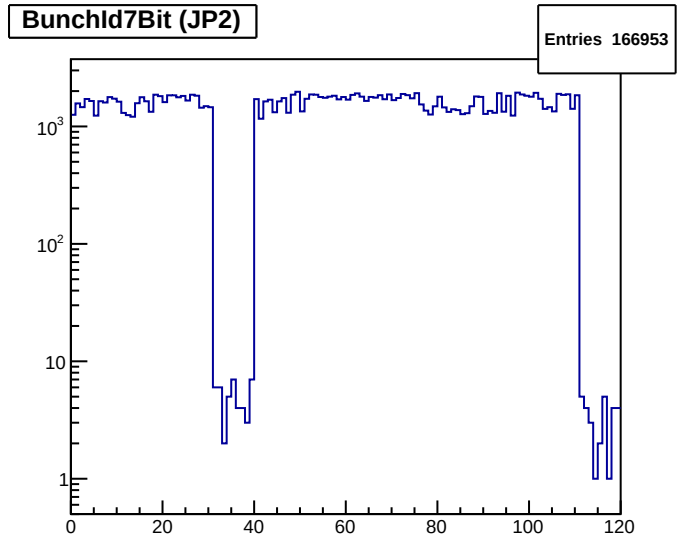

EM201E102JPId
Entries5217369
×10^3
JP partial Id

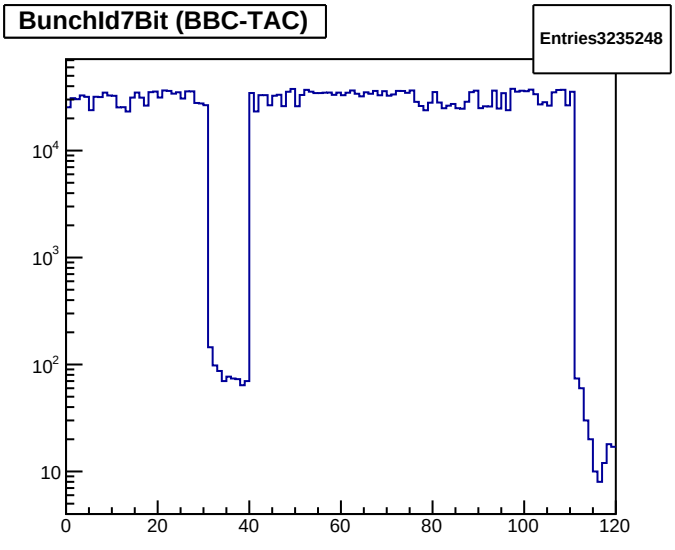

EM201E102JPId
Entries 0
simu
data

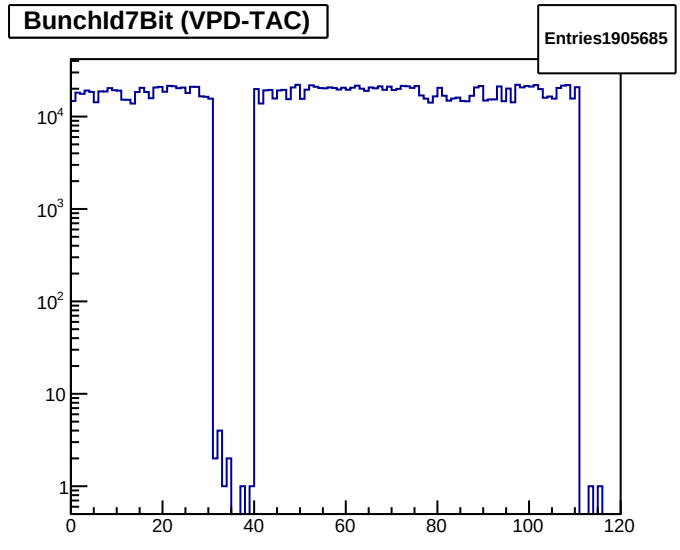

EM201E102Bits
Entries 2.608684e+07
93498
101654
111114
31339
14380
5.12387e+06
5.11572e+06
5.10626e+06
5.18603e+06
5.20299e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

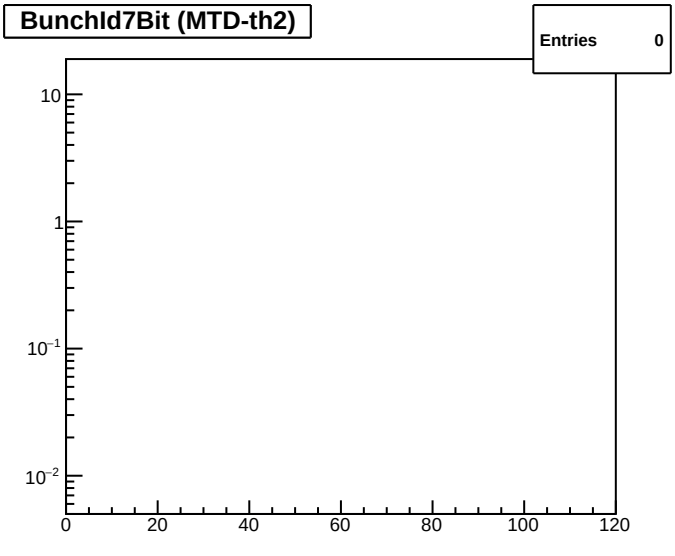

EM201E102Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

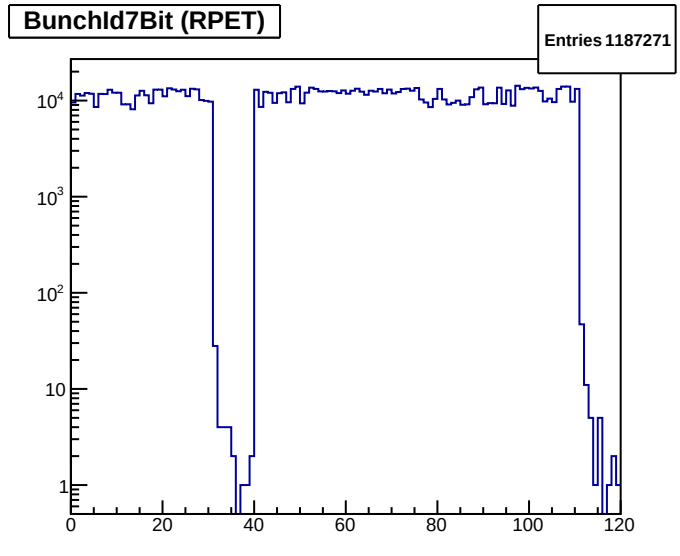

BunchId7Bit (BHT2)
Entries 106260

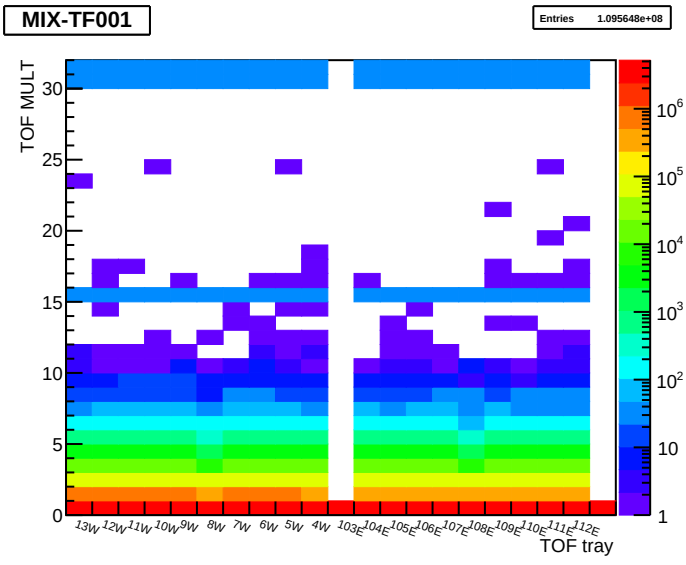

BunchId7Bit (JP2)
Entries 166953

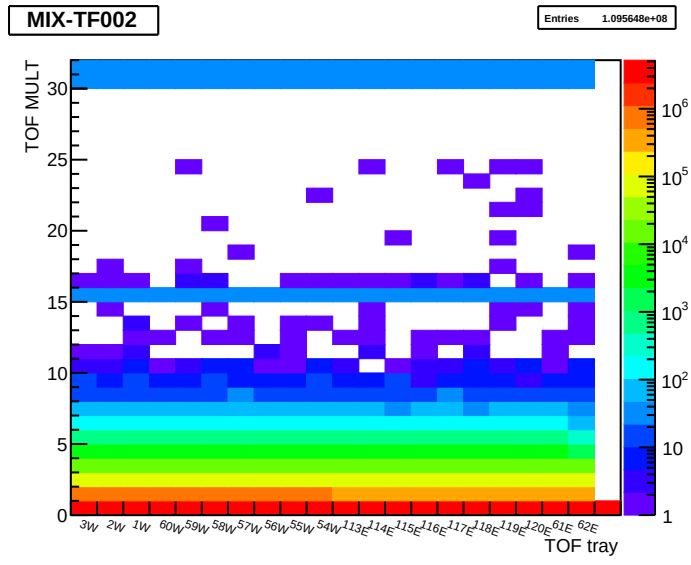

BunchId7Bit (BBC-TAC)
Entries3235248

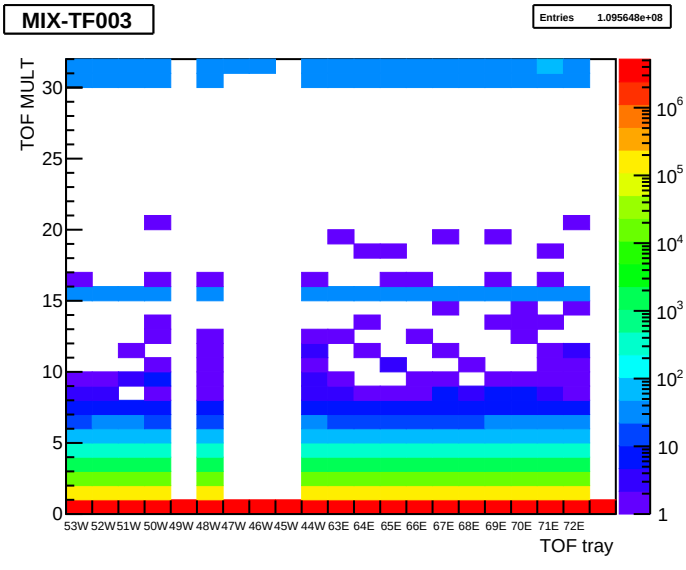

BunchId7Bit (VPD-TAC)
Entries1905685

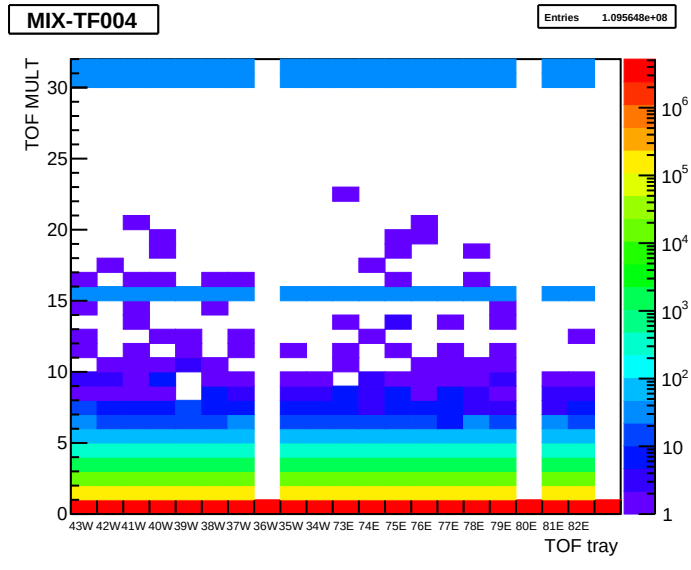

BunchId7Bit (MTD-th2)
Entries 0

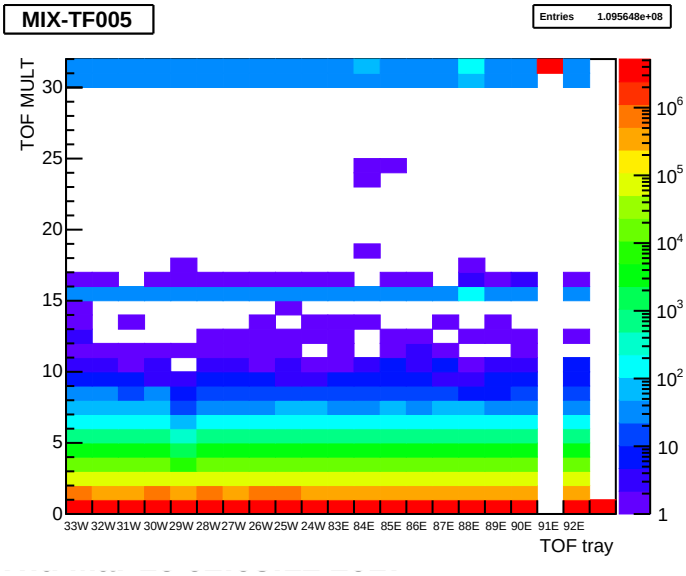

BunchId7Bit (RPET)
Entries 1187271

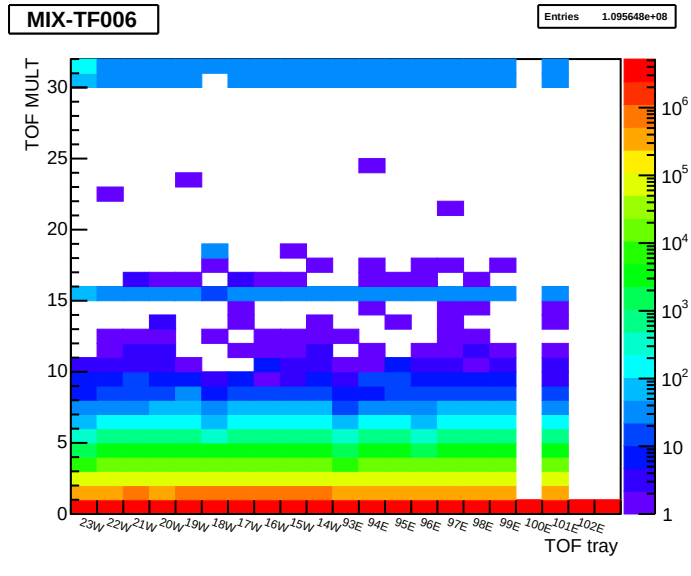

MIX-TF001
Entries 1.095648e+08
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

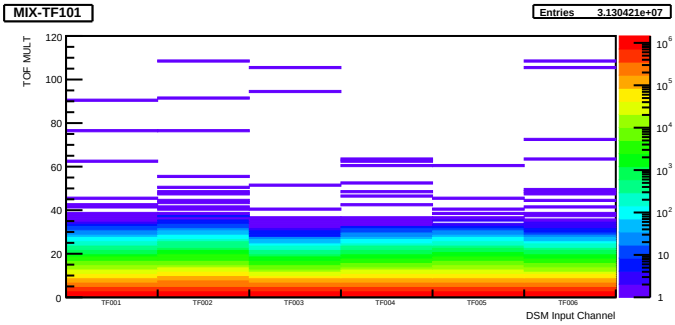

MIX-TF002
Entries 1.095648e+08
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

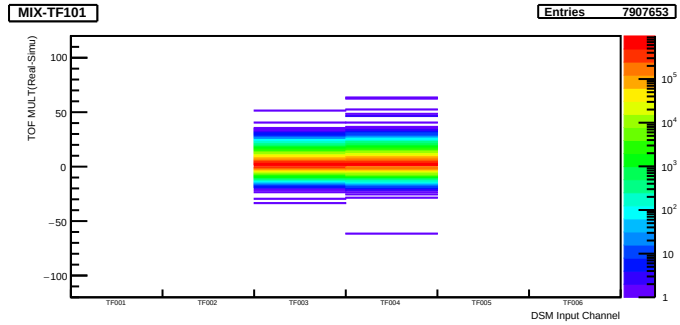

MIX-TF003
Entries 1.095648e+08
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

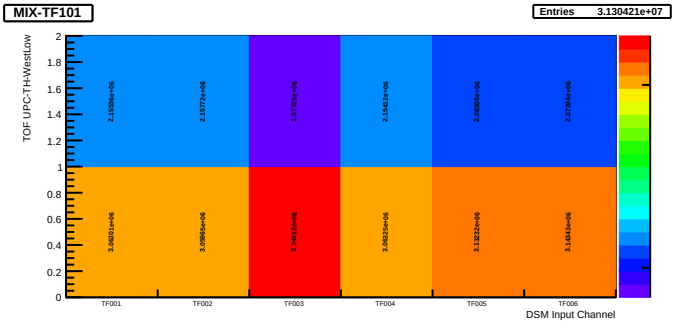

MIX-TF004
Entries 1.095648e+08
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

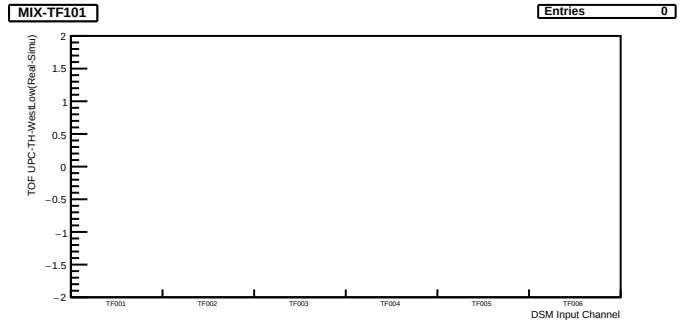

MIX-TF005
Entries 1.095648e+08
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

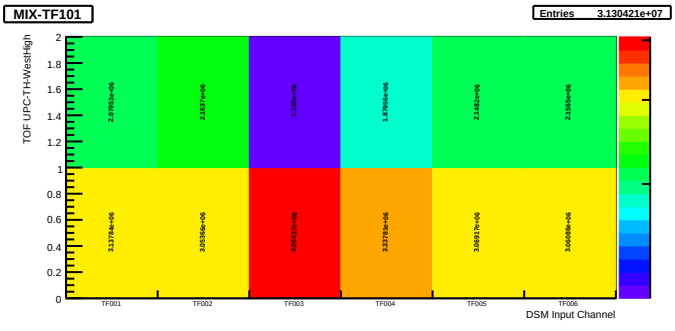

MIX-TF006
Entries 1.095648e+08
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

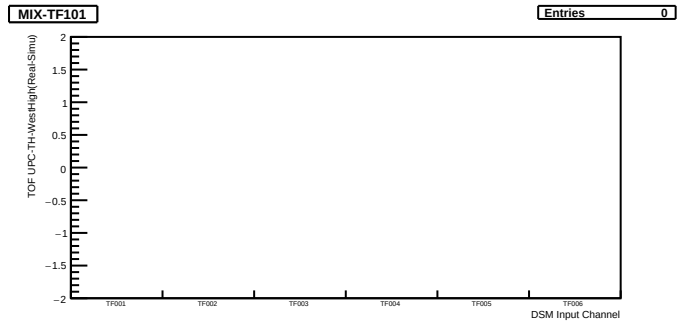

MIX-TF101
Entries 3.130421e+07
TOF MULT
DSM Input Channel

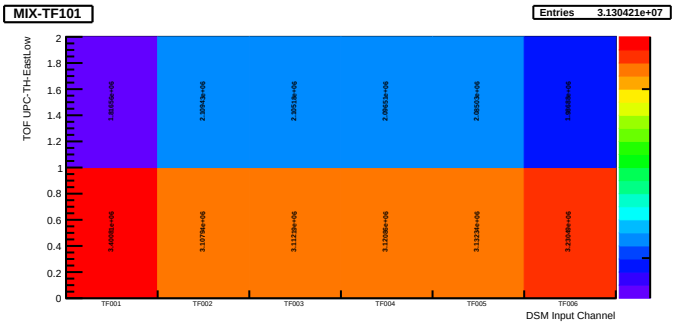

MIX-TF101
Entries 7907653
TOF MULT(Real-Simu)
DSM Input Channel

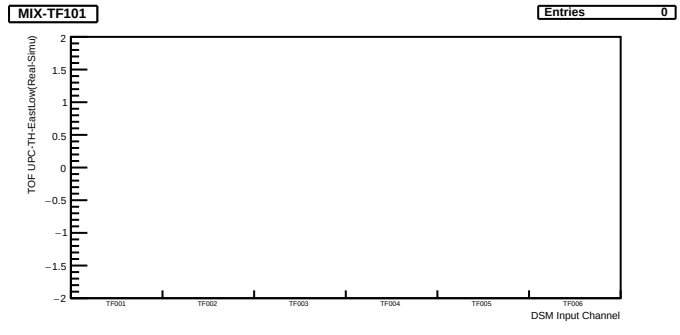

MIX-TF101
Entries 3.130421e+07
TOF UPC-TH-WestLow
DSM Input Channel

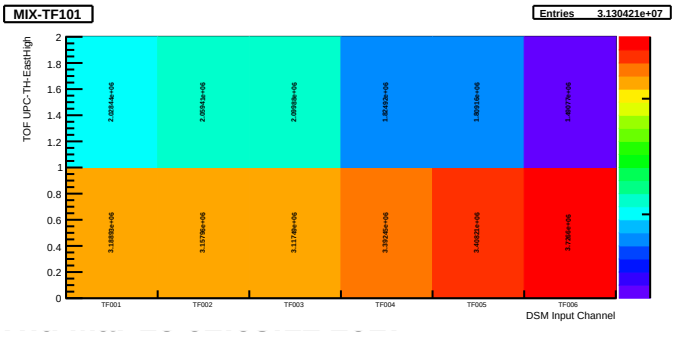

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel

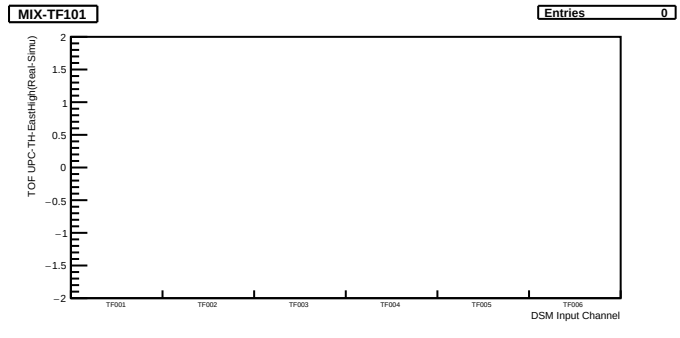

MIX-TF101
Entries 3.130421e+07
TOF UPC-TH-WestHigh
DSM Input Channel

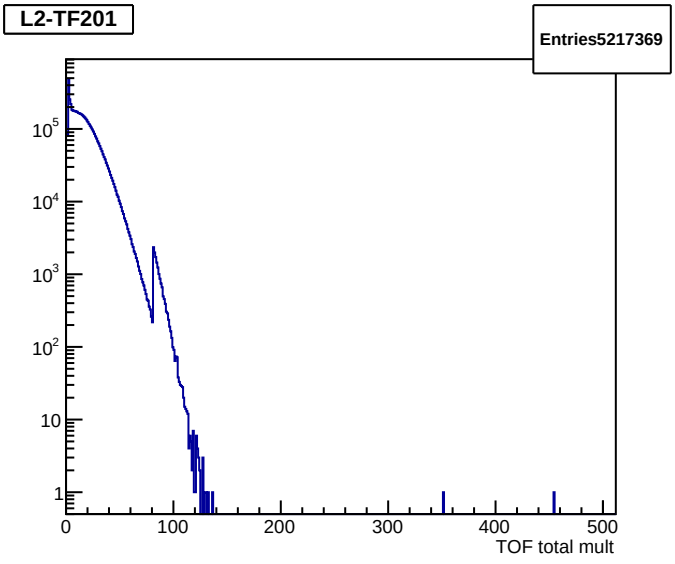

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel

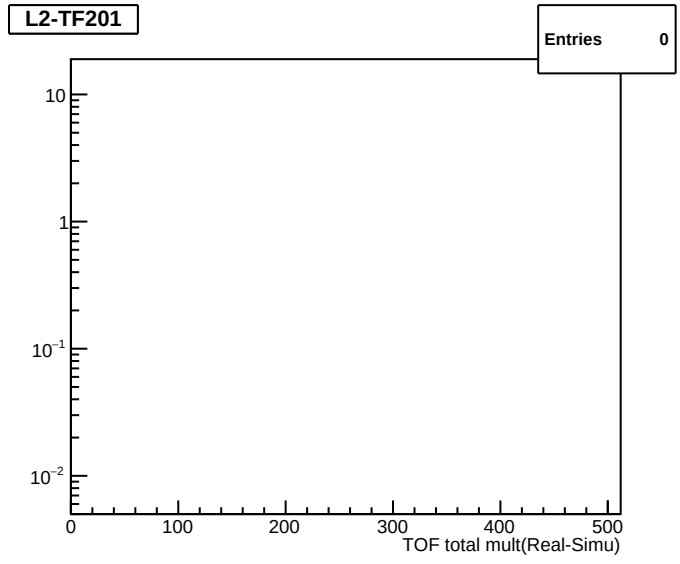

MIX-TF101
Entries 3.130421e+07
TOF UPC-TH-EastLow
DSM Input Channel

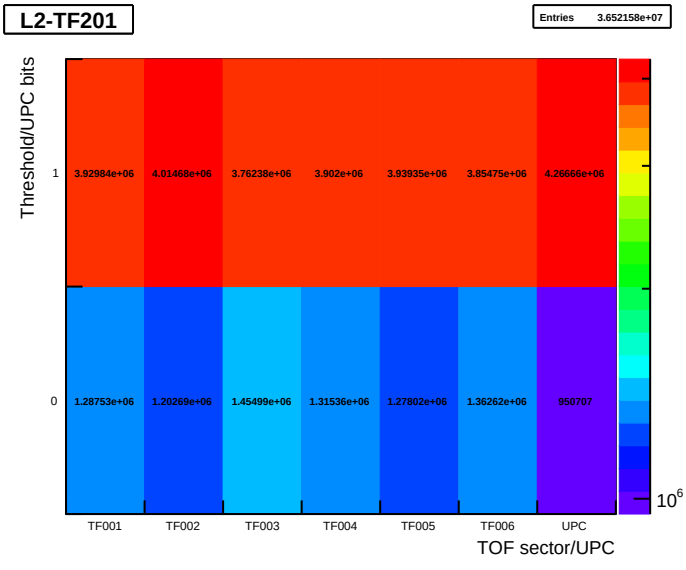

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel

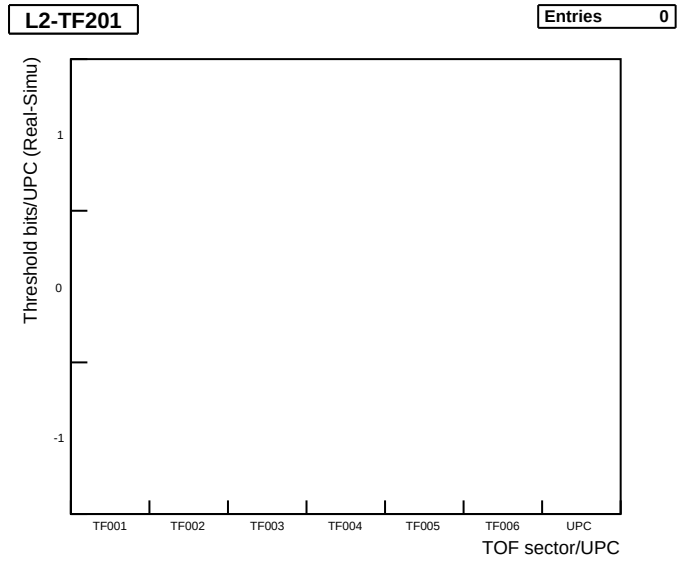

MIX-TF101
Entries 3.130421e+07
TOF UPC-TH-EastHigh
DSM Input Channel

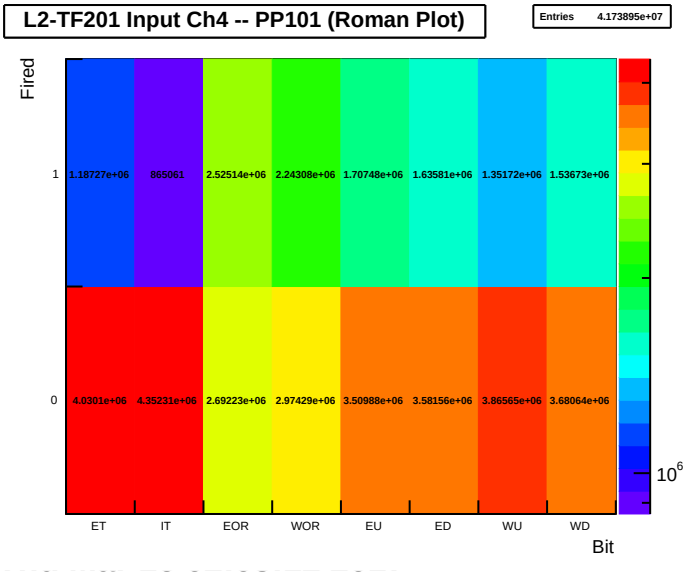

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel

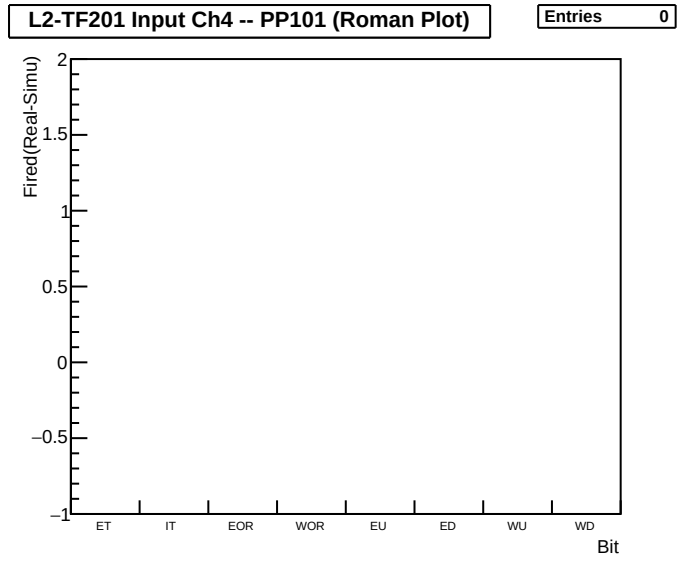

L2-TF201
Entries5217369
TOF total mult

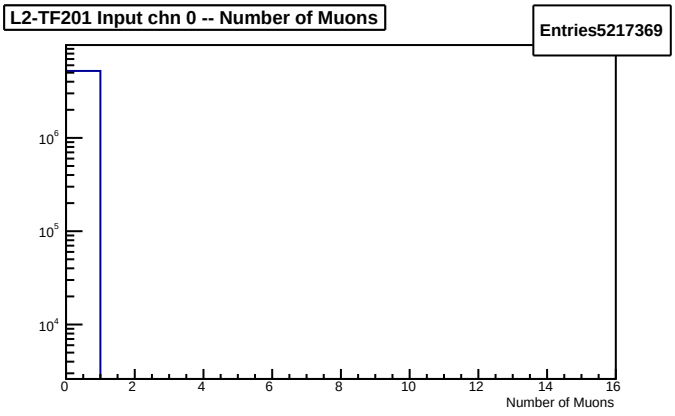

L2-TF201
Entries 0
TOF total mult(Real-Simu)

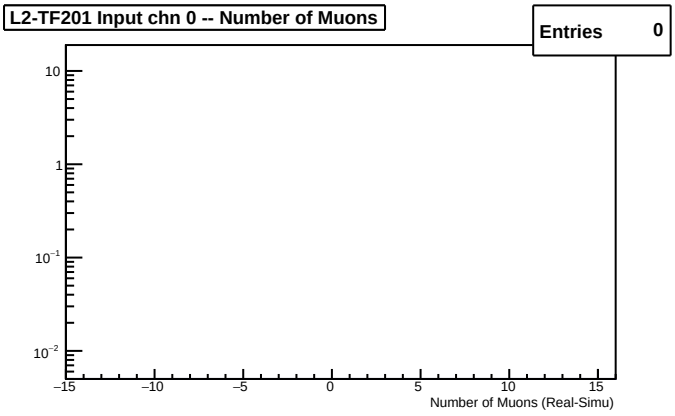

L2-TF201
Entries 3.652158e+07
Threshold/UPC bits
3.92984e+06
4.01468e+06
3.76238e+06
3.902e+06
3.93935e+06
3.85475e+06
4.26666e+06
1.28753e+06
1.20269e+06
1.45499e+06
1.31536e+06
1.27802e+06
1.36262e+06
950707
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

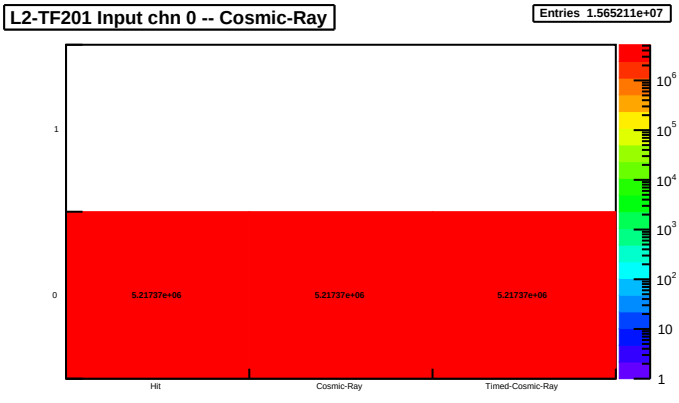

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

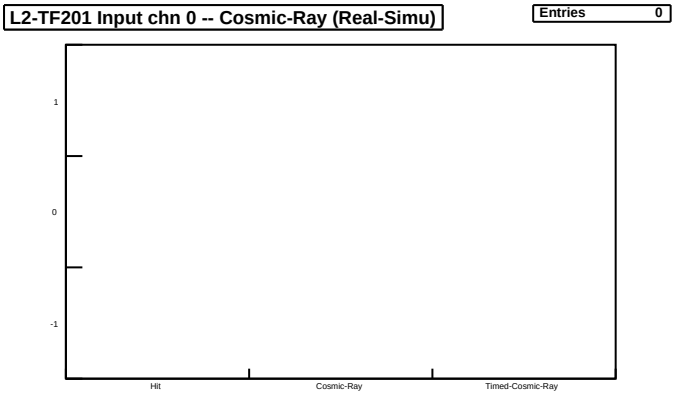

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 4.173895e+07
Fired
1.18727e+06
865061
2.52514e+06
2.24308e+06
1.70748e+06
1.63581e+06
1.35172e+06
1.53673e+06
4.0301e+06
4.35231e+06
2.69223e+06
2.97429e+06
3.50988e+06
3.58156e+06
3.86565e+06
3.68064e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

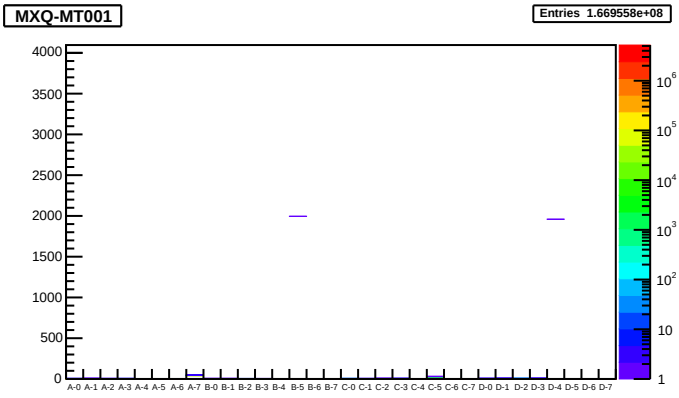

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

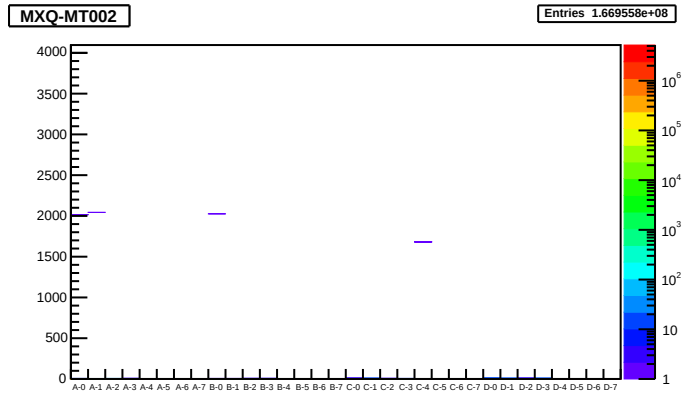

L2-TF201 Input chn 0 -- Number of Muons
Entries5217369
Number of Muons

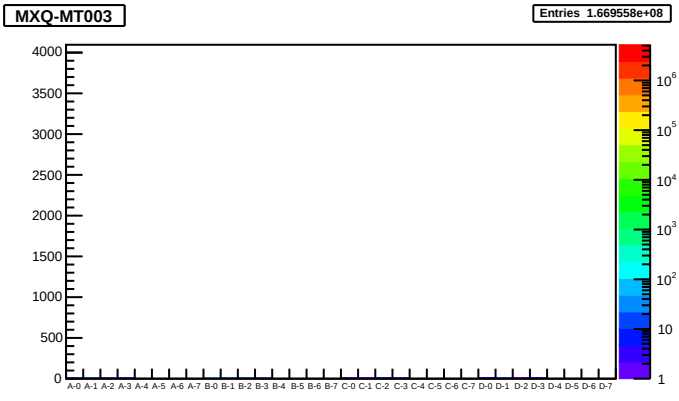

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

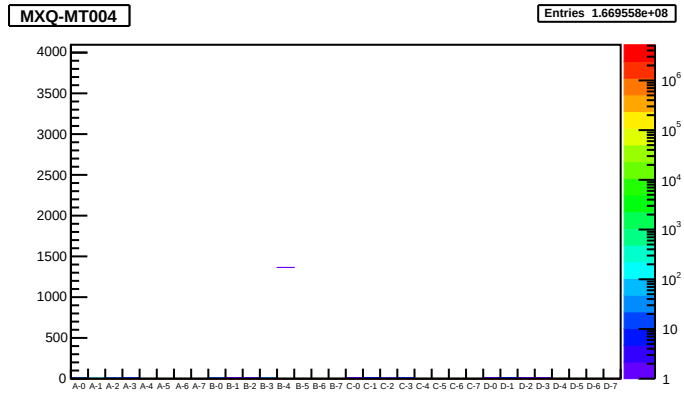

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 1.565211e+07
5.21737e+06
5.21737e+06
5.21737e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

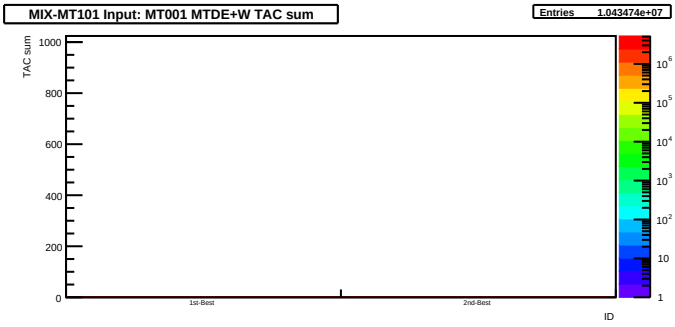

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

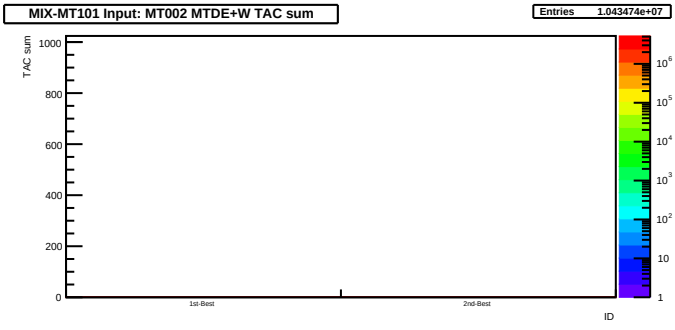

MXQ-MT001
Entries 1.669558e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

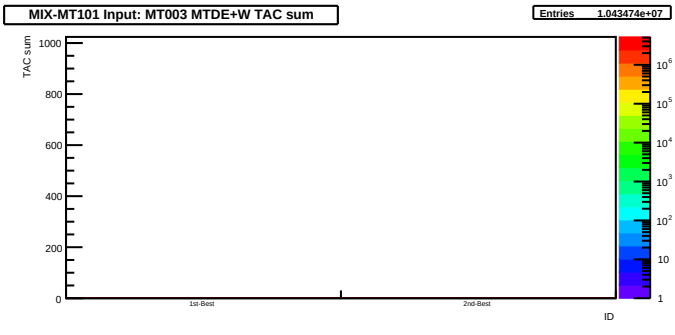

MXQ-MT002
Entries 1.669558e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

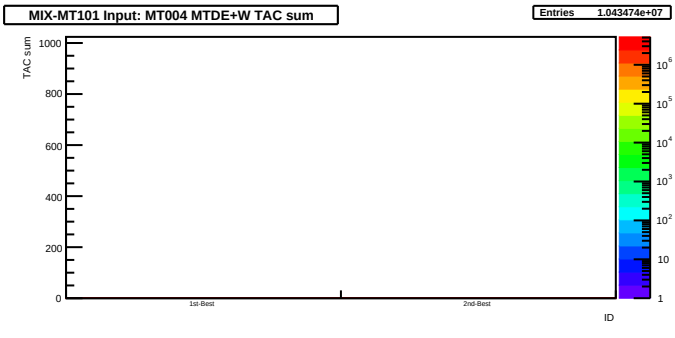

MXQ-MT003
Entries 1.669558e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

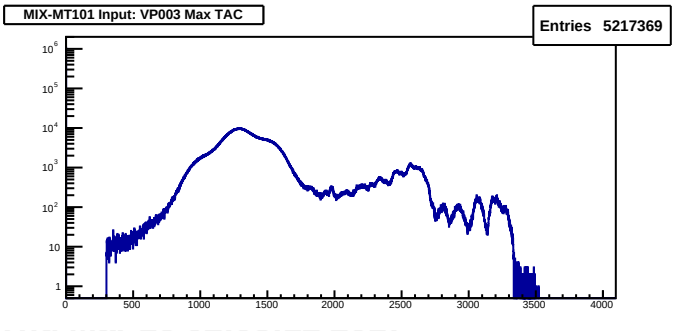

MXQ-MT004
Entries 1.669558e+08
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

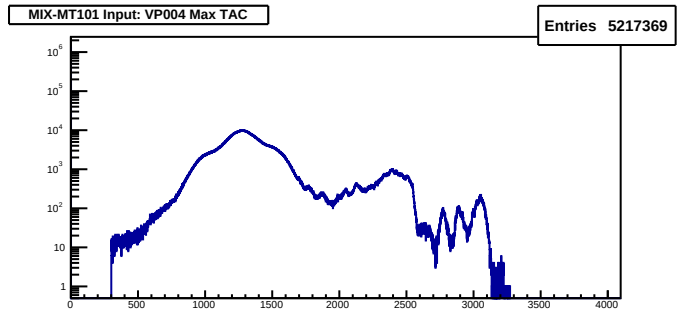

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 1.043474e+07
TAC sum
1st-Best
2nd-Best
ID

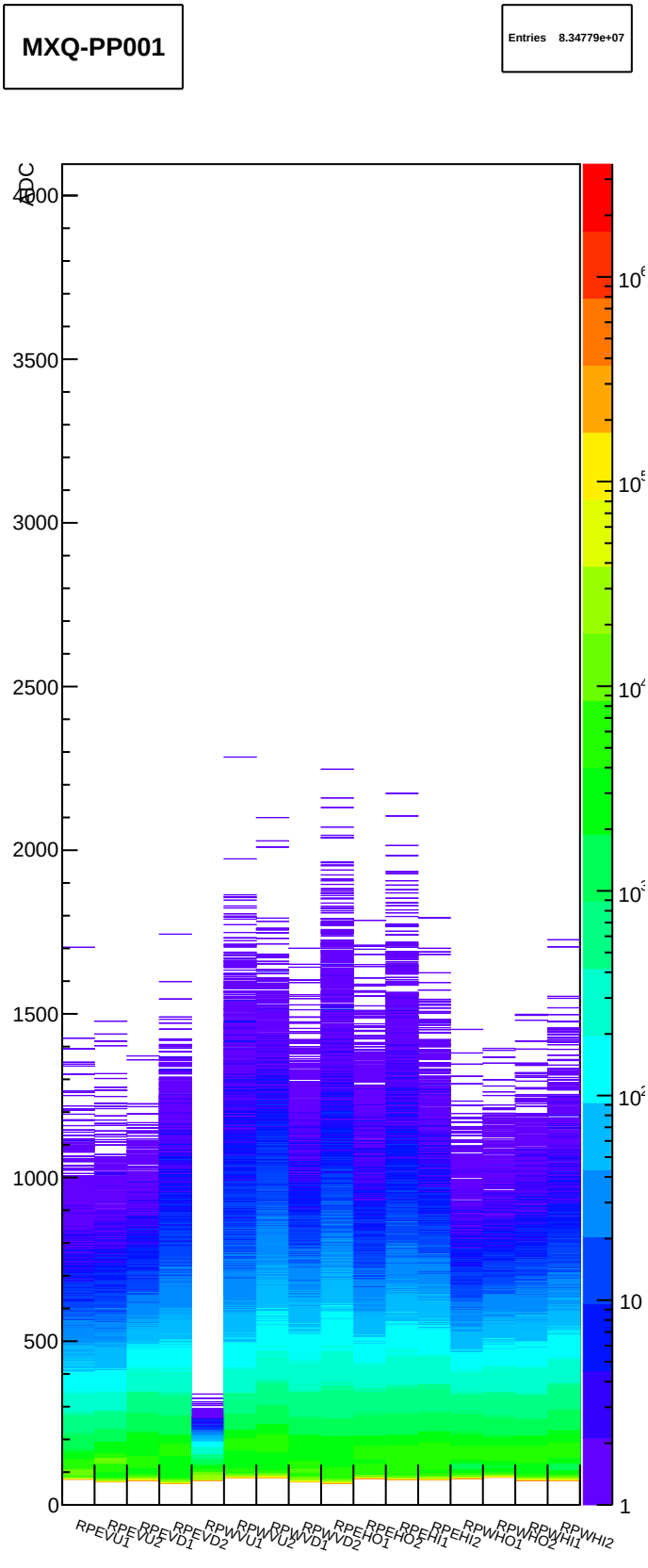

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 1.043474e+07
TAC sum
1st-Best
2nd-Best
ID

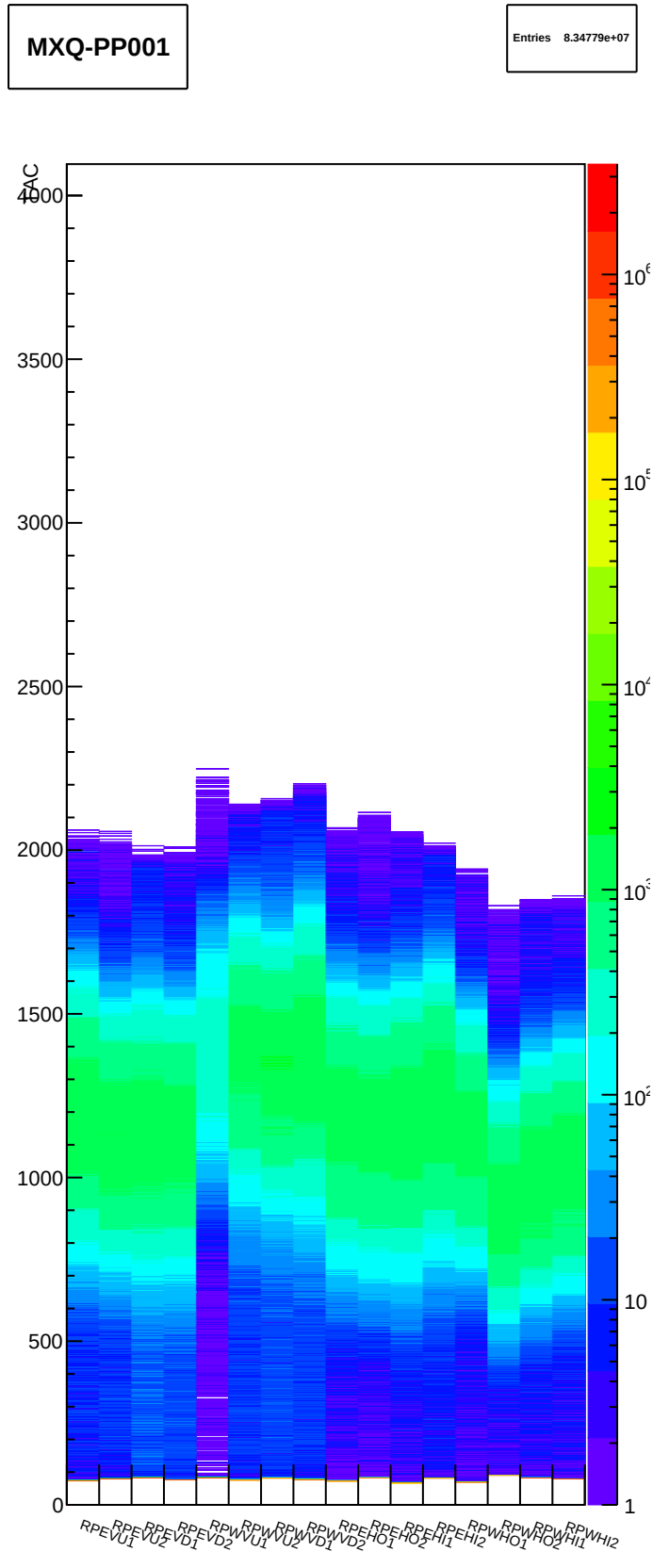

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 1.043474e+07
TAC sum
1st-Best
2nd-Best
ID

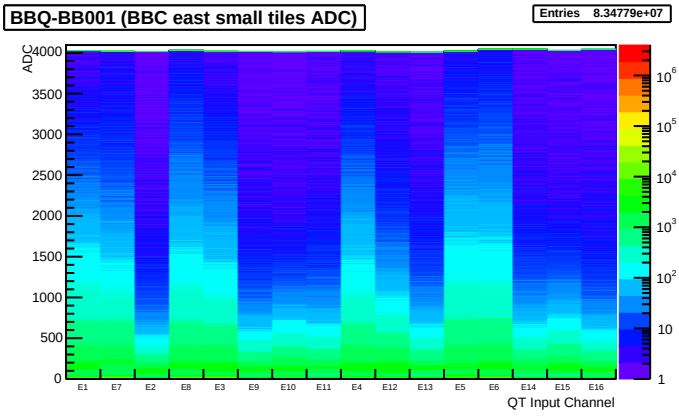

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 1.043474e+07
TAC sum
1st-Best
2nd-Best
ID

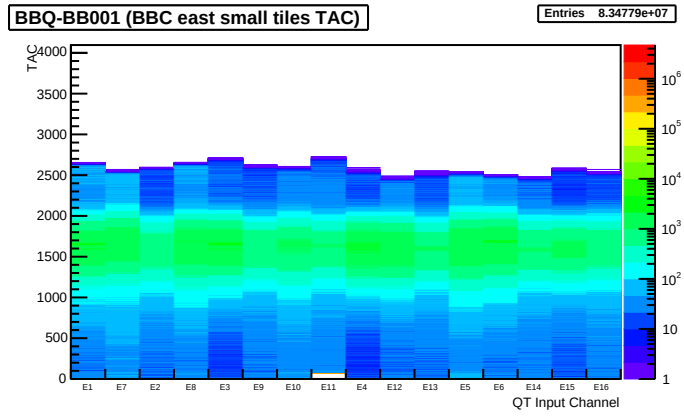

MIX-MT101 Input: VP003 Max TAC
Entries 5217369

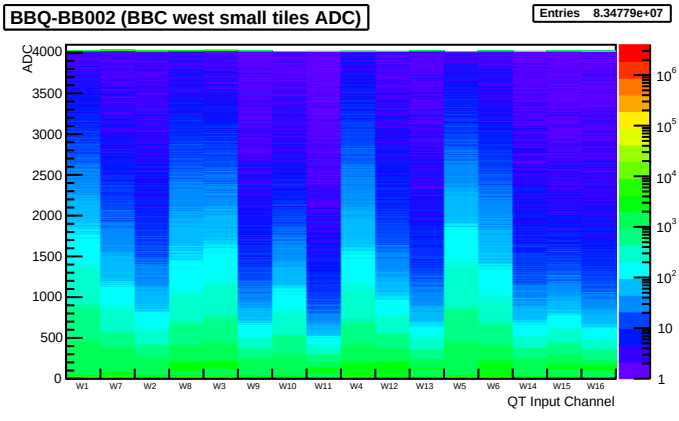

MIX-MT101 Input: VP004 Max TAC
Entries 5217369

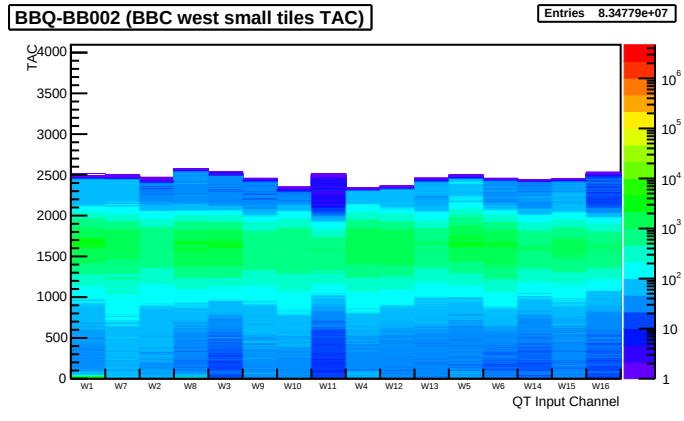

MXQ-PP001
Entries 8.34779e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

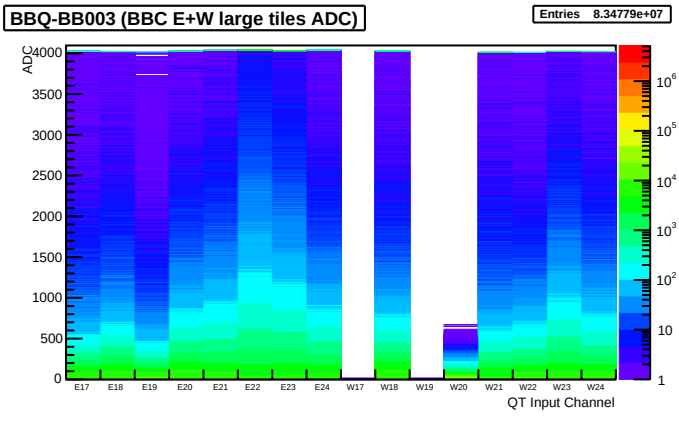

MXQ-PP001
Entries 8.34779e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

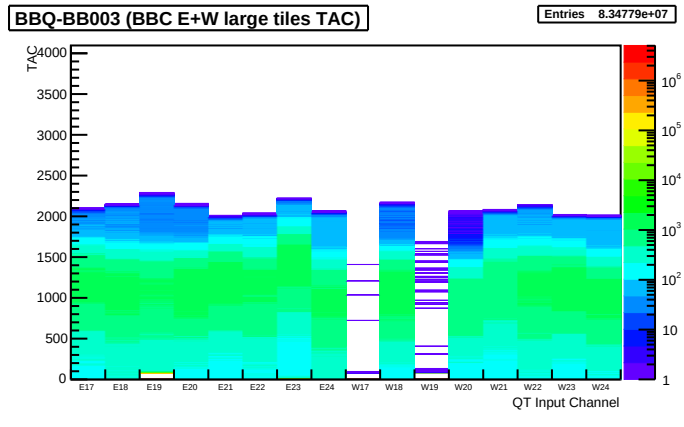

BBQ-BB001 (BBC east small tiles ADC)
Entries 8.34779e+07
ADC
QT Input Channel

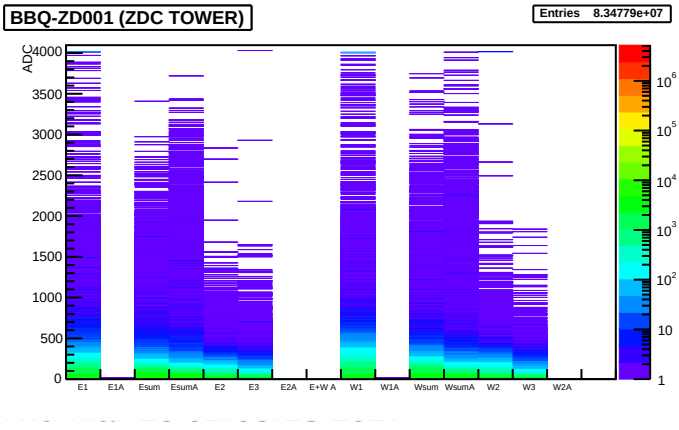

BBQ-BB001 (BBC east small tiles TAC)
Entries 8.34779e+07
TAC
QT Input Channel

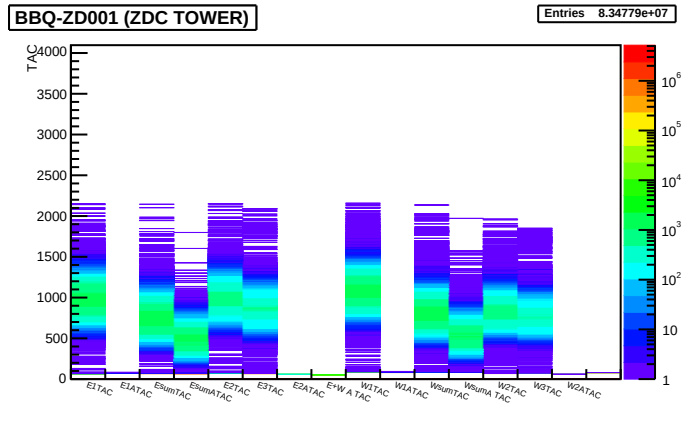

BBQ-BB002 (BBC west small tiles ADC)
Entries 8.34779e+07
ADC
QT Input Channel

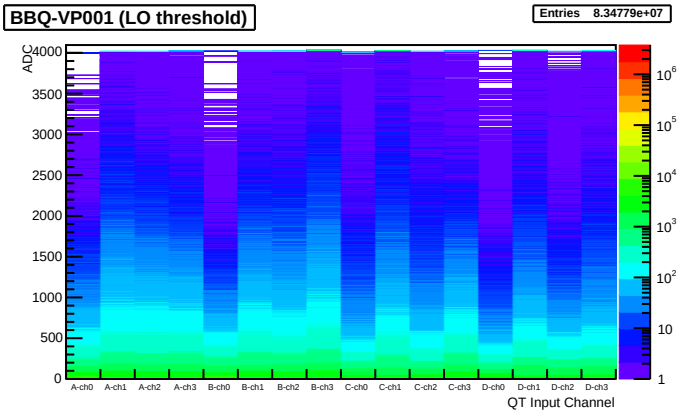

BBQ-BB002 (BBC west small tiles TAC)
Entries 8.34779e+07
TAC
QT Input Channel

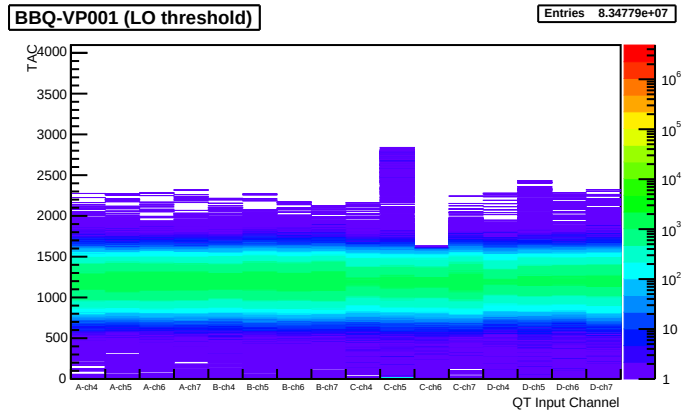

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 8.34779e+07
ADC
QT Input Channel

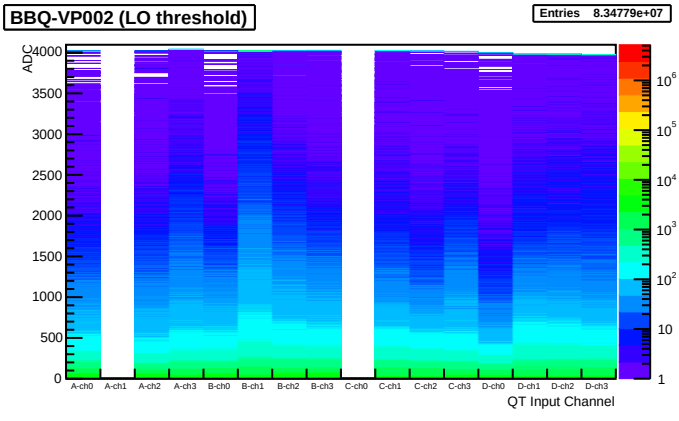

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 8.34779e+07
TAC
QT Input Channel

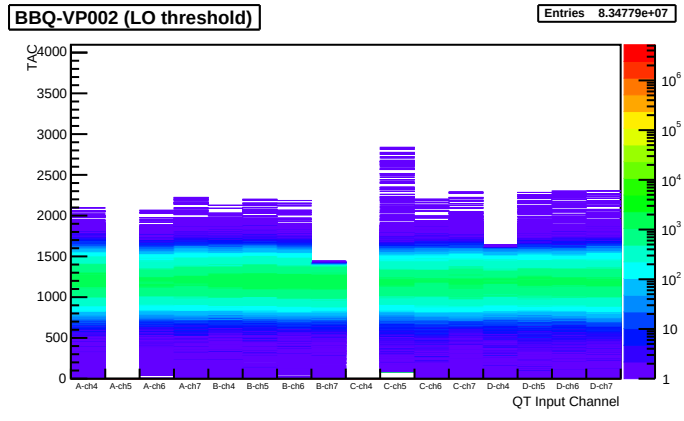

BBQ-ZD001 (ZDC TOWER)
Entries 8.34779e+07
ADC

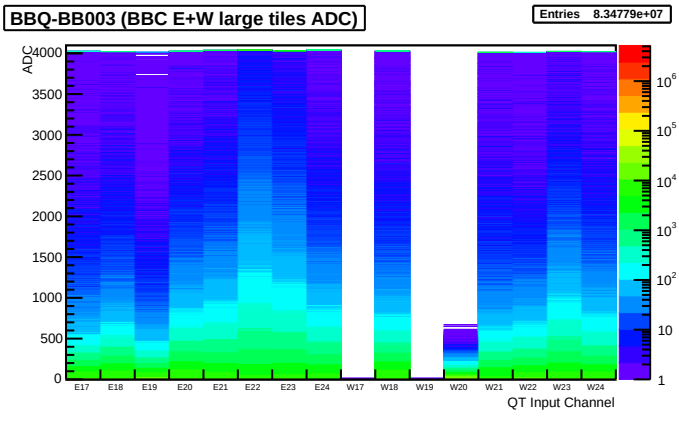

BBQ-ZD001 (ZDC TOWER)
Entries 8.34779e+07
TAC

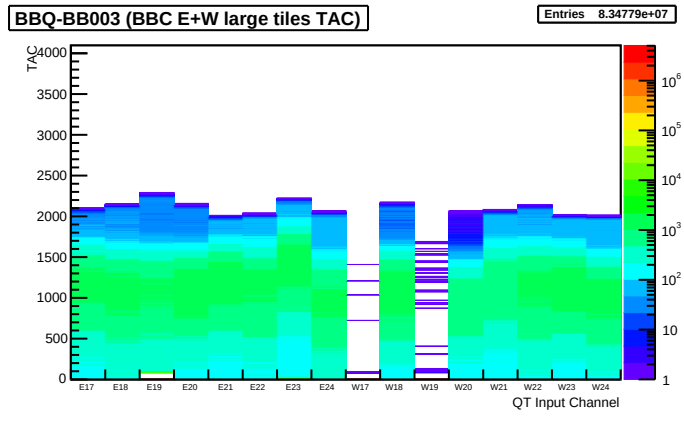

BBQ-VP001 (LO threshold)
Entries 8.34779e+07
ADC
QT Input Channel

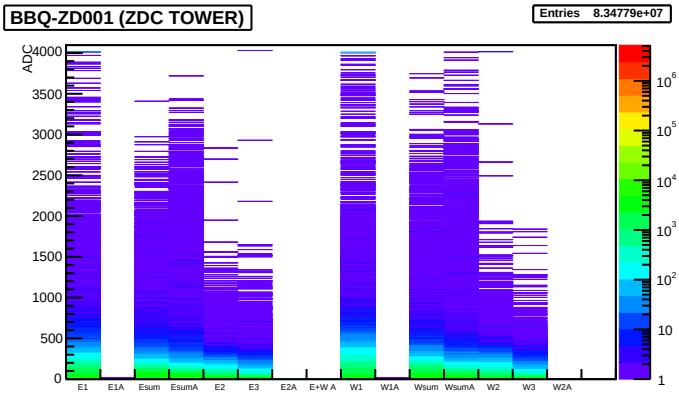

BBQ-VP001 (LO threshold)
Entries 8.34779e+07
TAC
QT Input Channel

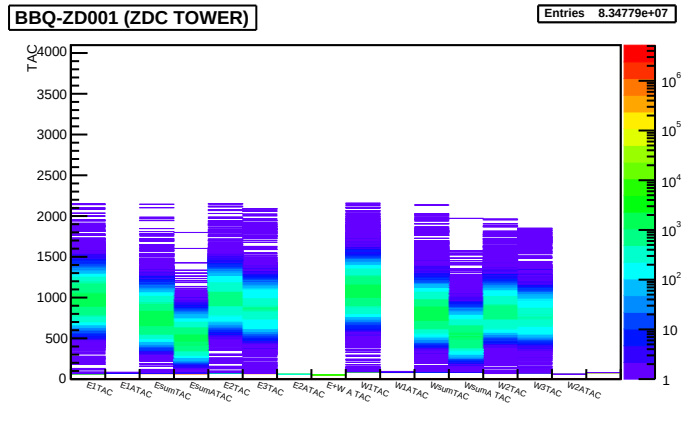

BBQ-VP002 (LO threshold)
Entries 8.34779e+07
ADC
QT Input Channel

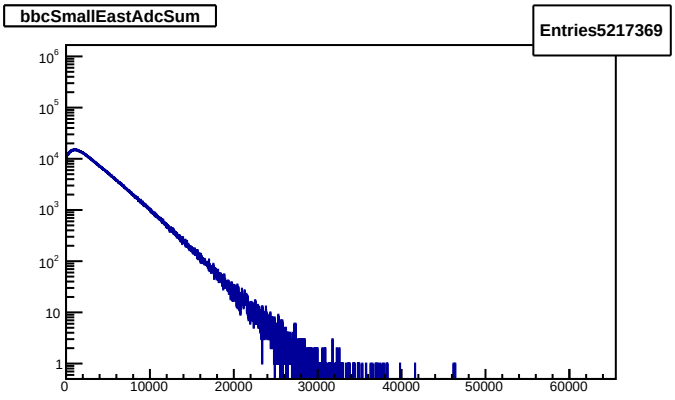

BBQ-VP002 (LO threshold)
Entries 8.34779e+07
TAC
QT Input Channel

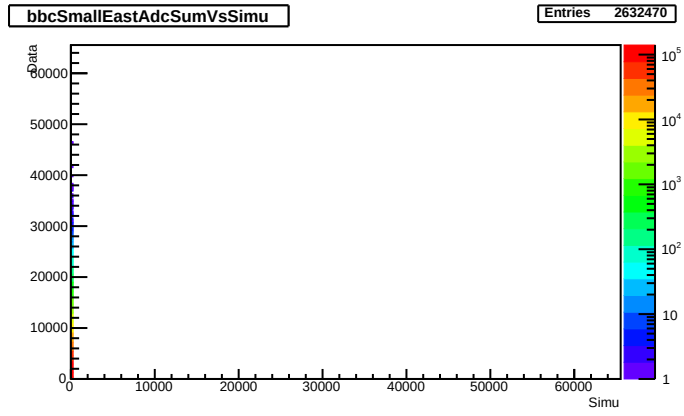

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 8.34779e+07
ADC
QT Input Channel

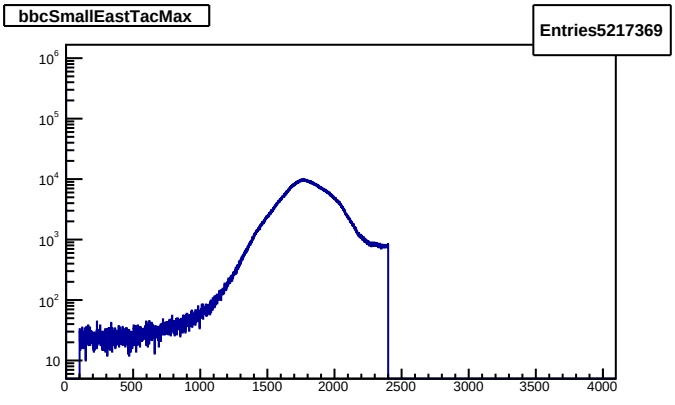

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 8.34779e+07
TAC
QT Input Channel

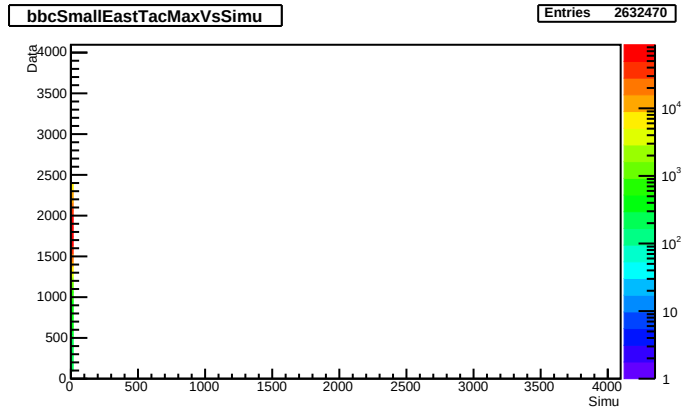

BBQ-ZD001 (ZDC TOWER)
Entries 8.34779e+07
ADC

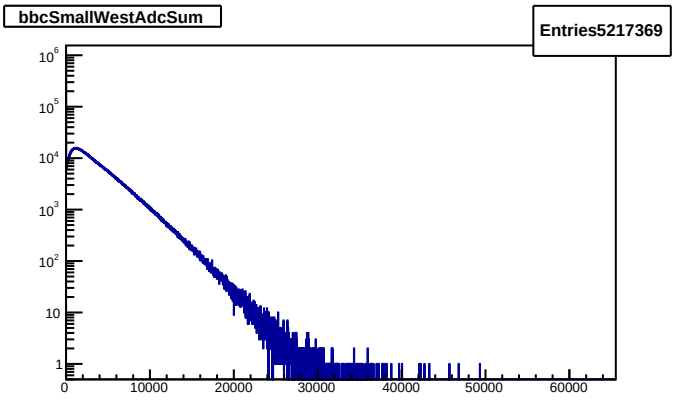

BBQ-ZD001 (ZDC TOWER)
Entries 8.34779e+07
TAC

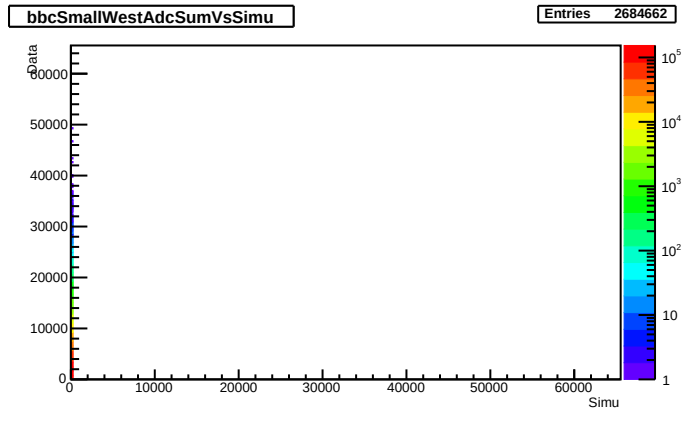

bbcSmallEastAdcSum
Entries5217369

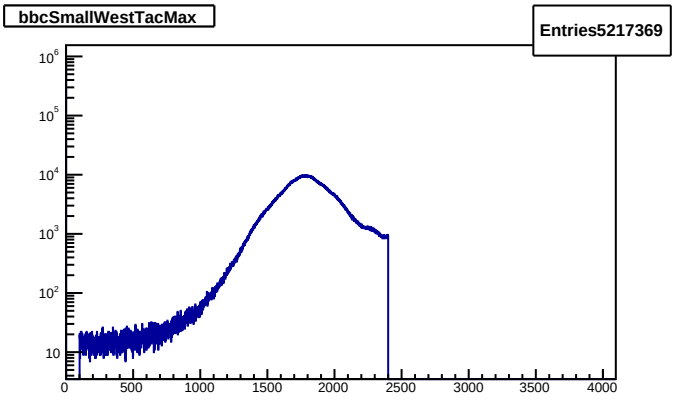

bbcSmallEastAdcSumVsSimu
Entries 2632470
Data
Simu

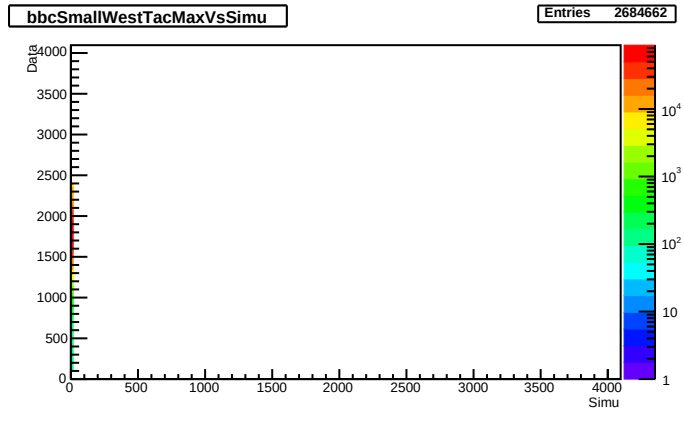

bbcSmallEastTacMax
Entries5217369

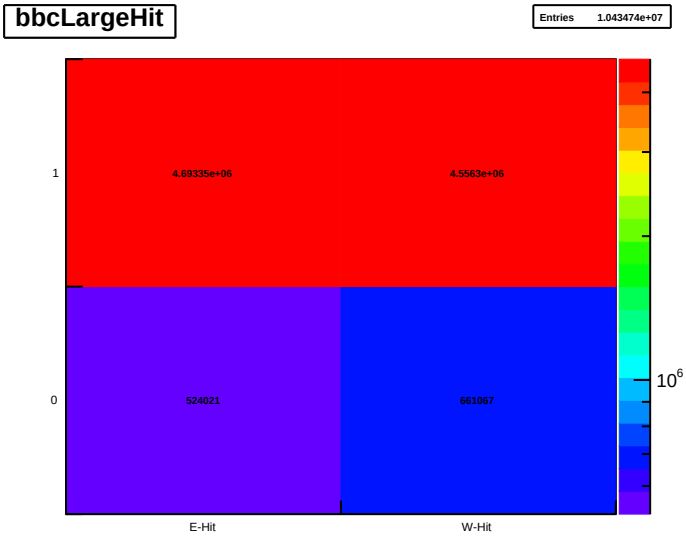

bbcSmallEastTacMaxVsSimu
Entries 2632470
Data
Simu

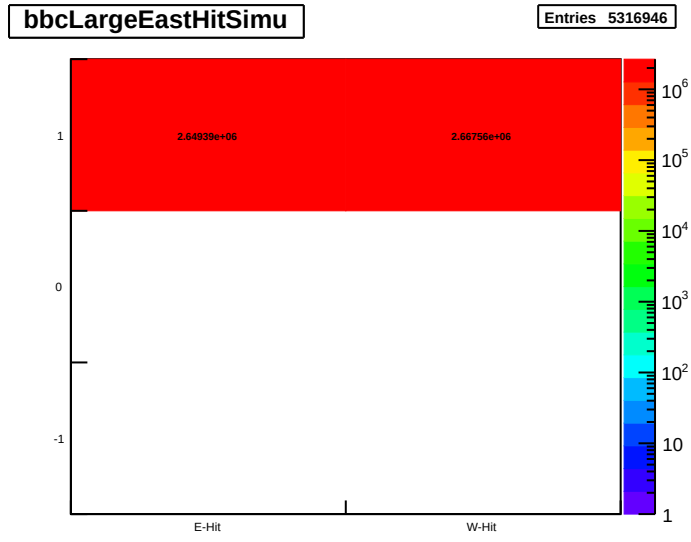

bbcSmallWestAdcSum
Entries5217369

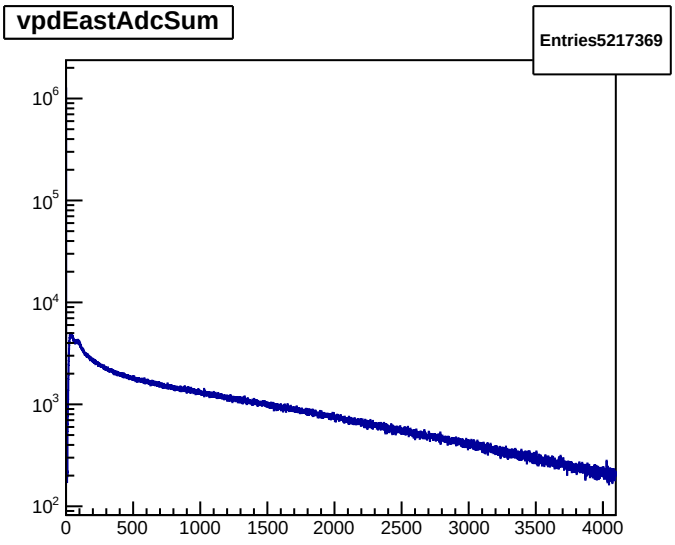

bbcSmallWestAdcSumVsSimu
Entries 2684662
Data
Simu

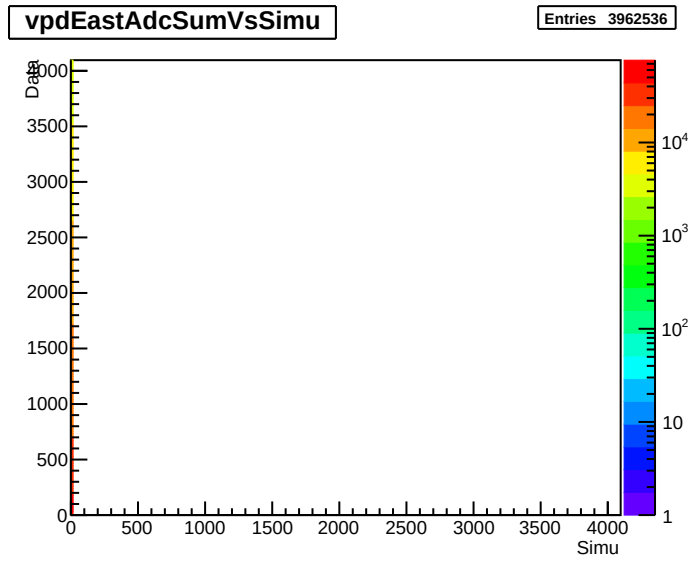

bbcSmallWestTacMax
Entries5217369

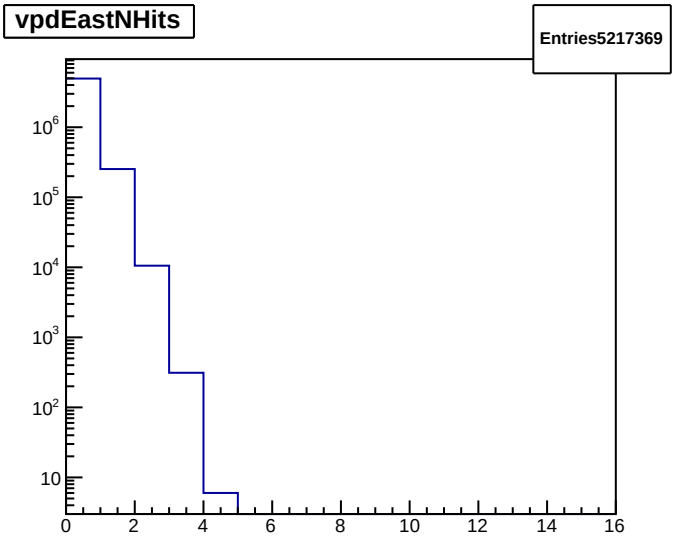

bbcSmallWestTacMaxVsSimu
Entries 2684662
Data
Simu

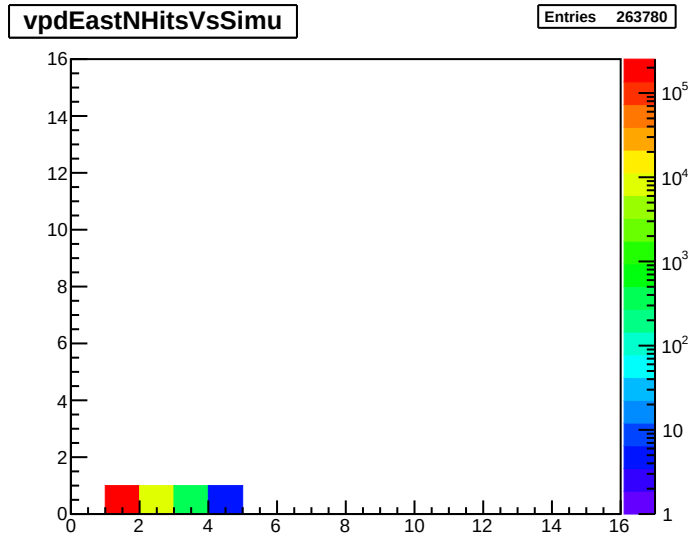

bbcLargeHit
Entries 1.043474e+07
1
0
4.69335e+06
4.5563e+06
524021
661067
E-Hit
W-Hit
10^6

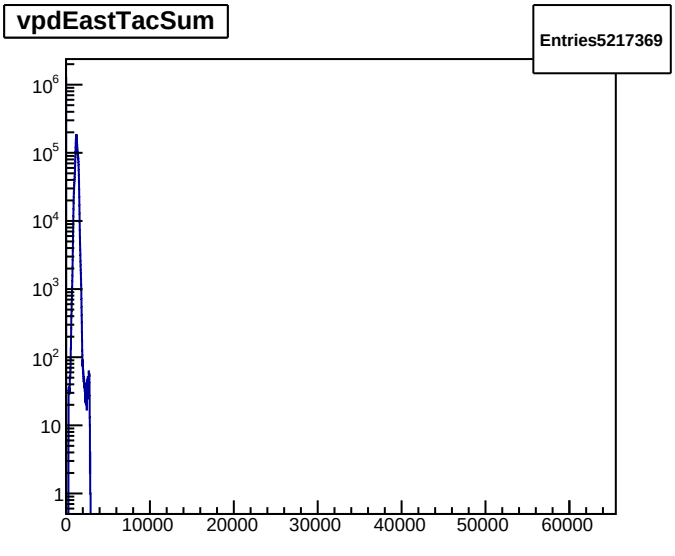

bbcLargeEastHitSimu
Entries 5316946
1
0
-1
2.64939e+06
2.66756e+06
E-Hit
W-Hit
10^6
10^5
10^4
10^3
10^2
10
1

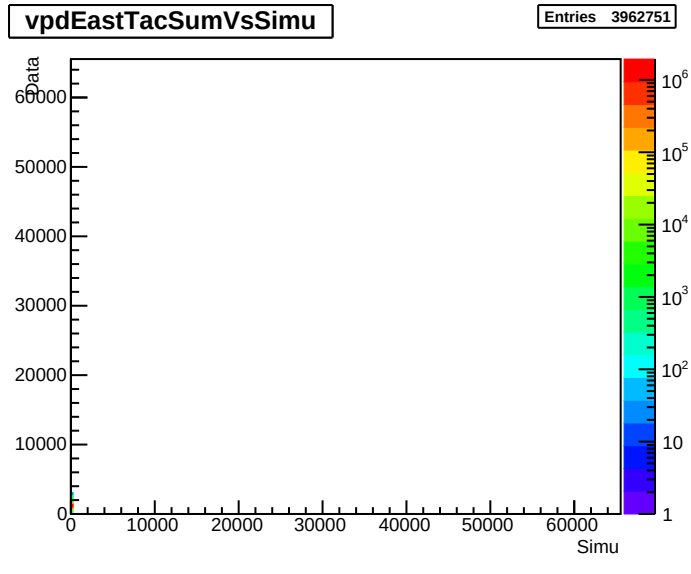

vpdEastAdcSum
Entries5217369

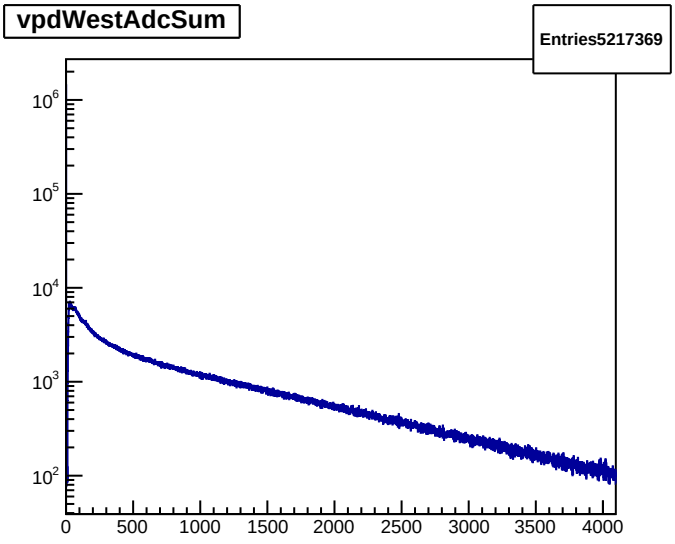

vpdEastAdcSumVsSimu
Entries 3962536
Data
Simu

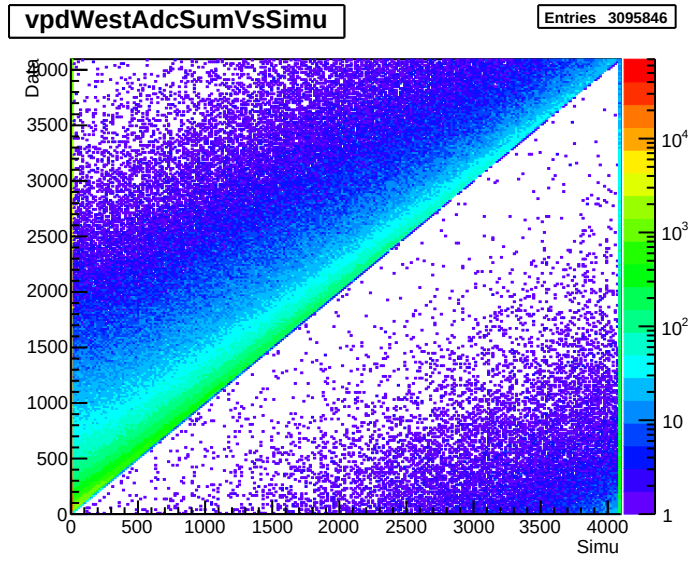

vpdEastNHits
Entries5217369

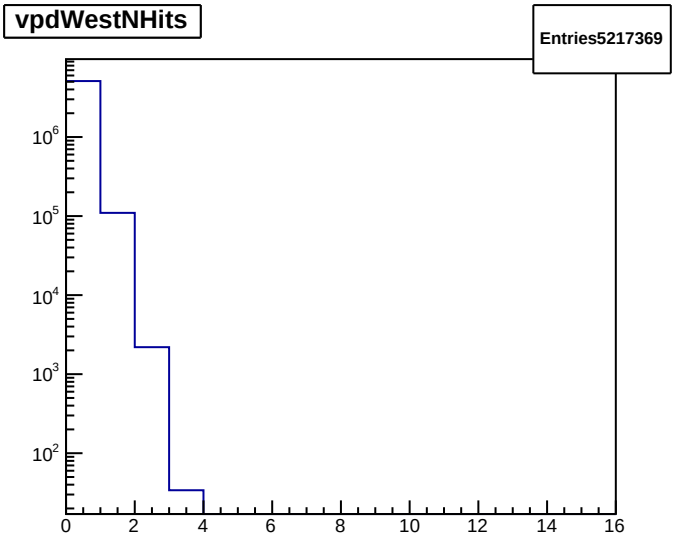

vpdEastNHitsVsSimu
Entries 263780

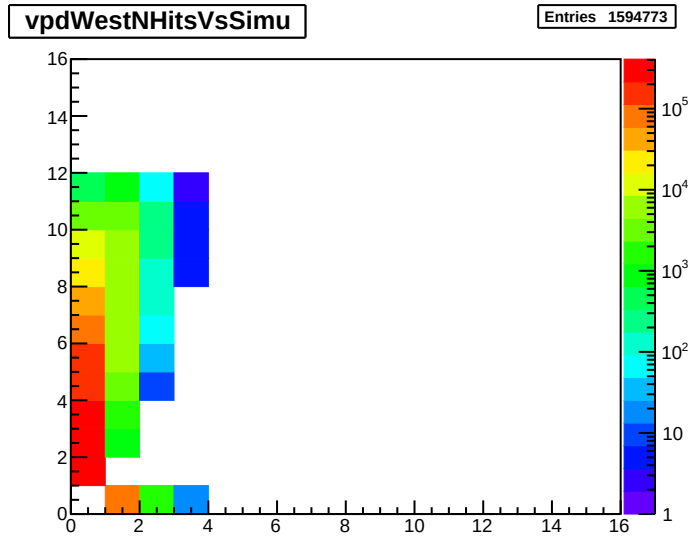

vpdEastTacSum
Entries5217369

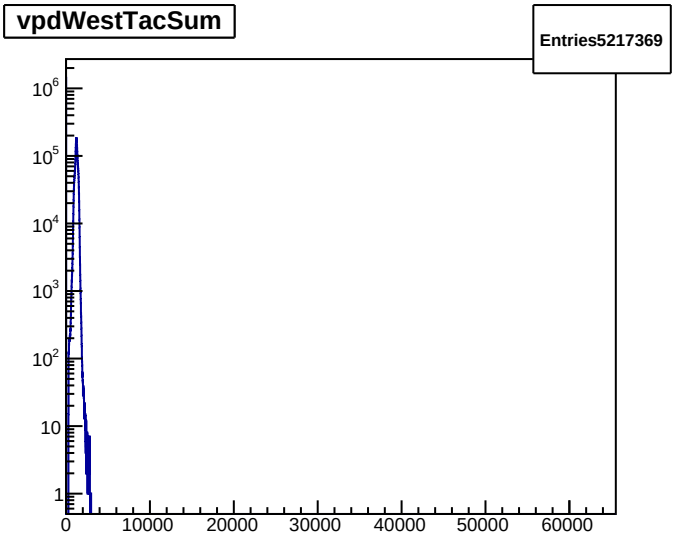

vpdEastTacSumVsSimu
Entries 3962751
Data
Simu

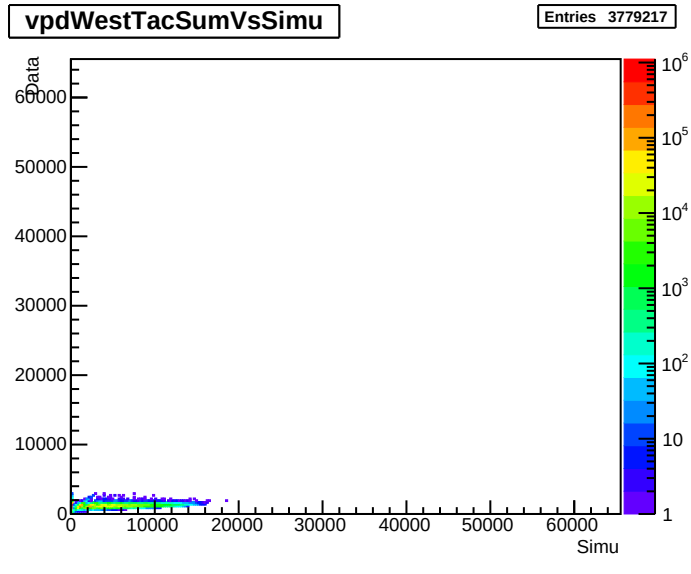

vpdWestAdcSum
Entries5217369

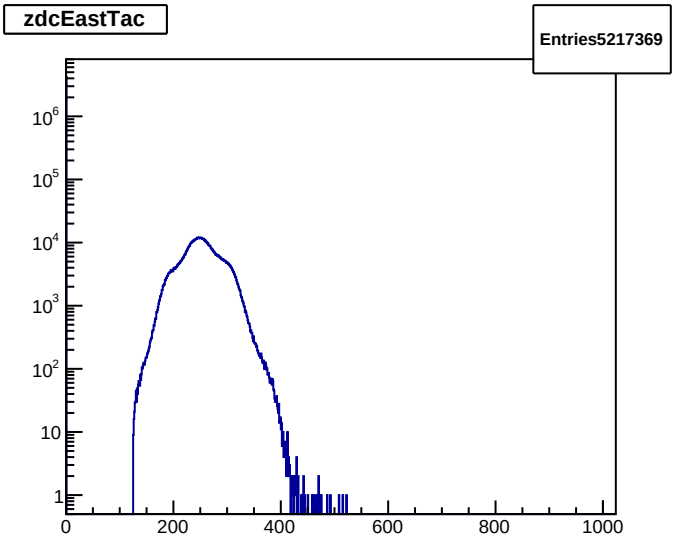

vpdWestAdcSumVsSimu
Entries 3095846
Data
Simu

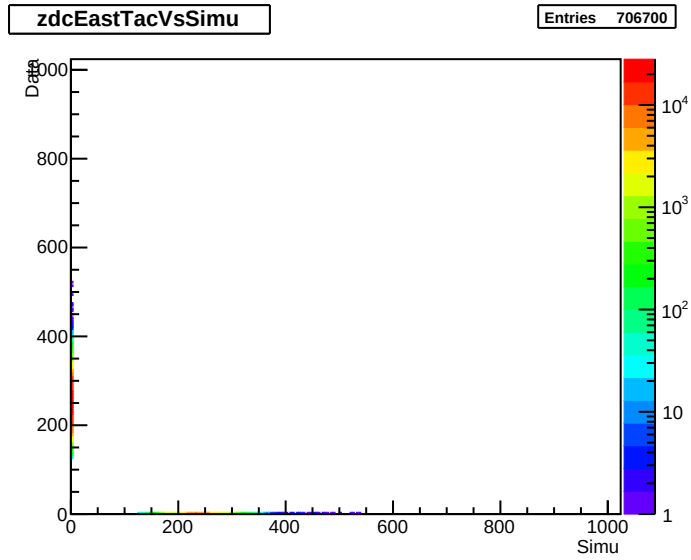

vpdWestNHits
Entries5217369

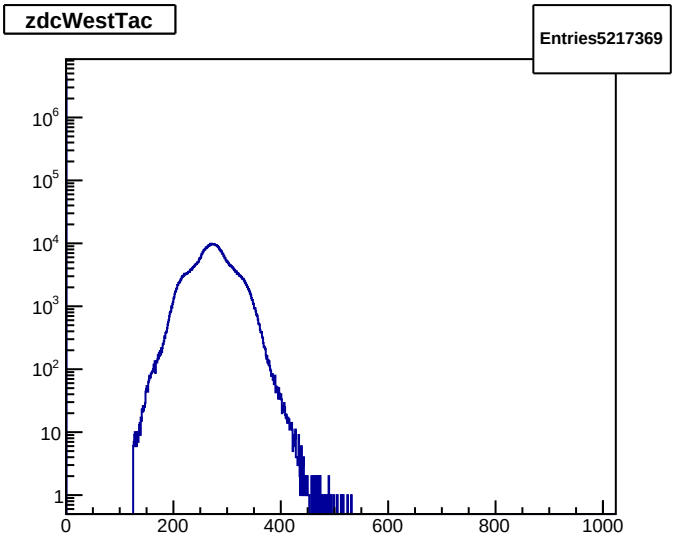

vpdWestNHitsVsSimu
Entries 1594773

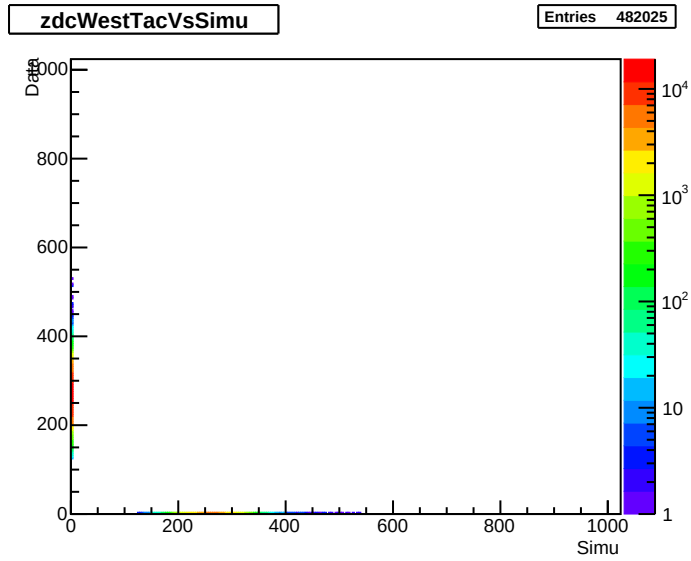

vpdWestTacSum
Entries5217369

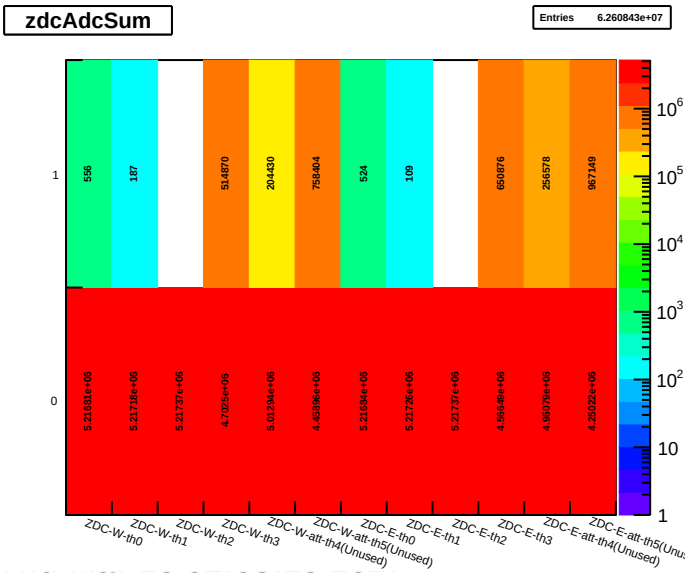

vpdWestTacSumVsSimu
Entries 3779217
Data
Simu

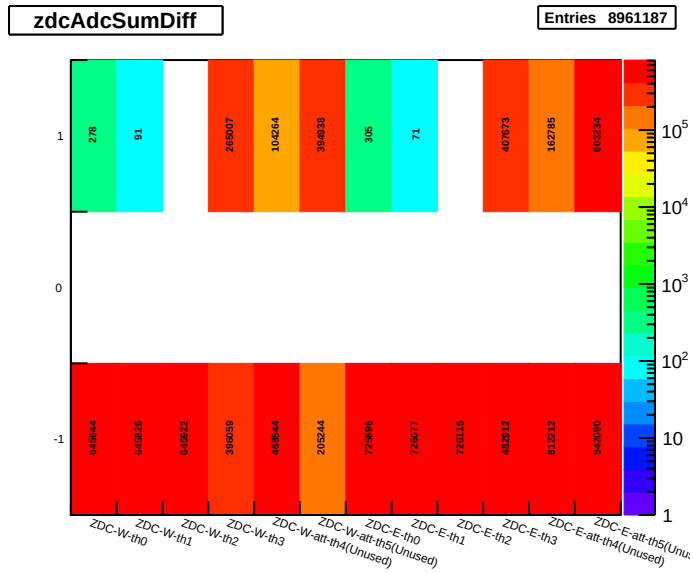

zdcEastTac
Entries5217369

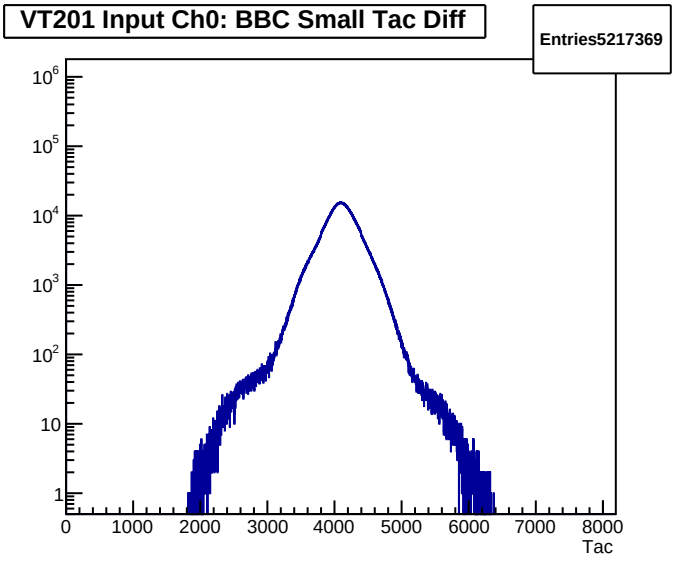

zdcEastTacVsSimu
Entries 706700
Data
Simu

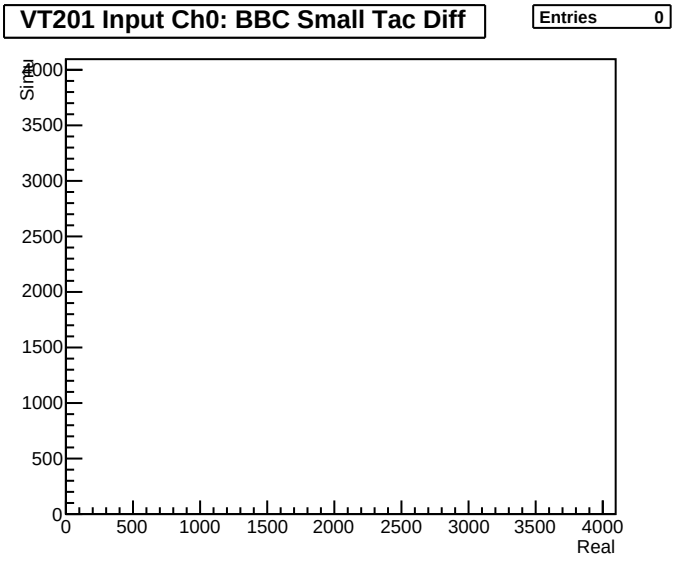

zdcWestTac
Entries5217369

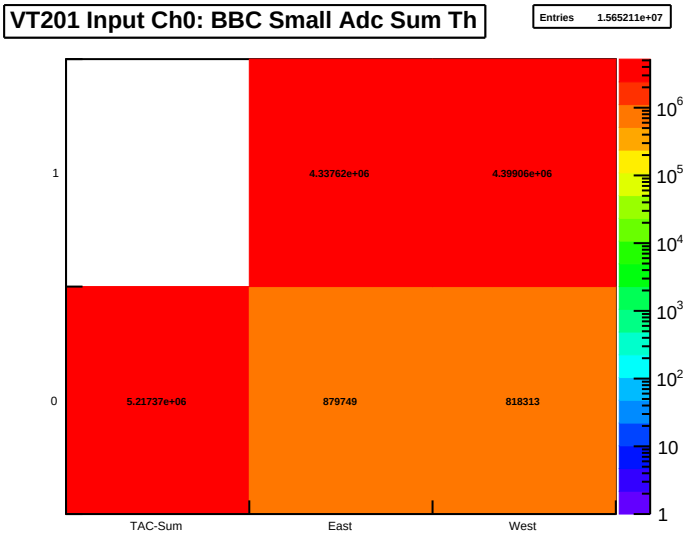

zdcWestTacVsSimu
Entries 482025
Data
Simu

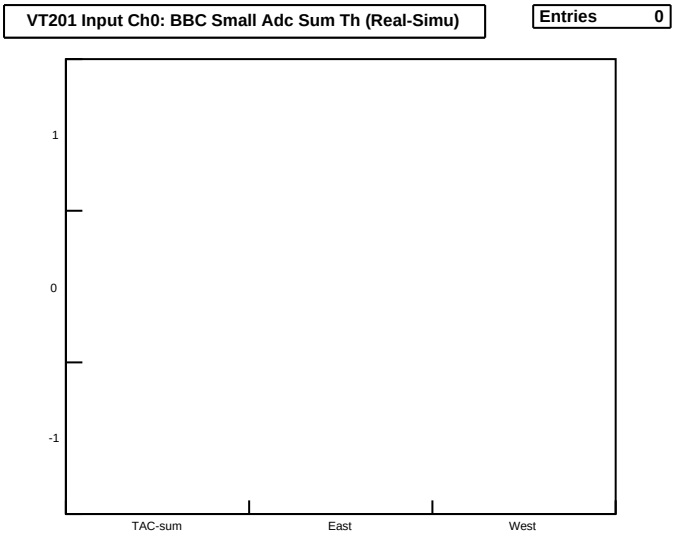

zdcAdcSum
Entries 6.260843e+07
556
187
514870
204430
759404
524
109
650876
256578
967149
5.21681e+06
5.21718e+05
5.21737e+06
4.7025e+06
5.01294e+06
4.45895e+06
5.21684e+06
5.21726e+06
5.21737e+05
4.56640e+06
4.90079e+06
4.25022e+06
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

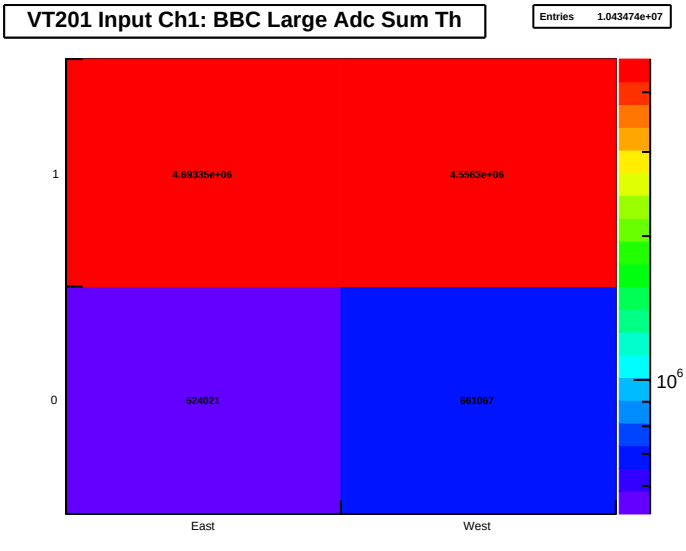

zdcAdcSumDiff
Entries 8961187
278
91
265007
104264
394038
305
71
407673
162785
603234
645444
648826
645922
390059
468544
205244
725996
726077
726115
482912
812212
542990
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

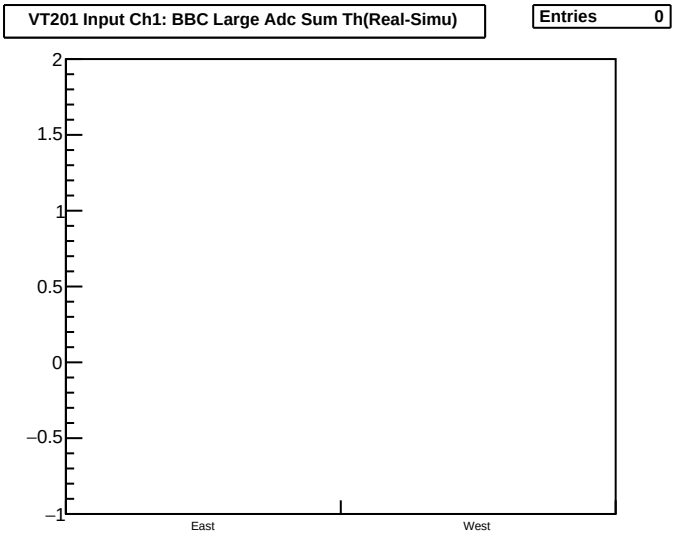

VT201 Input Ch0: BBC Small Tac Diff
Entries5217369
Tac


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

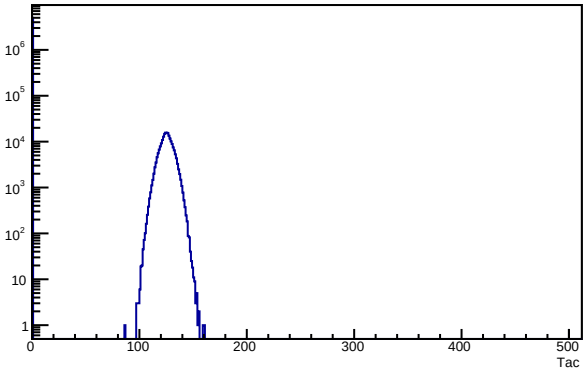

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1.565211e+07
4.33762e+06
4.39906e+06
5.21737e+06
879749
818313
TAC-Sum
East
West


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

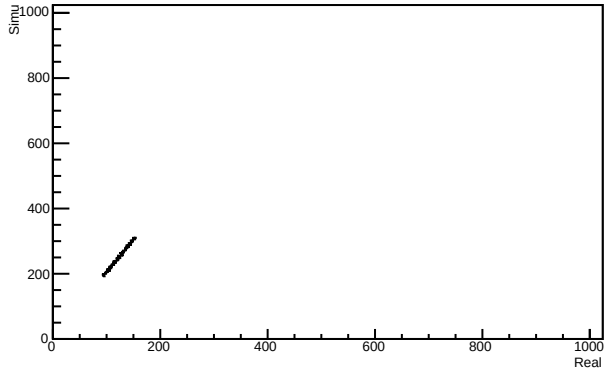

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 1.043474e+07
4.69335e+06
4.5563e+06
524021
661067
East
West


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

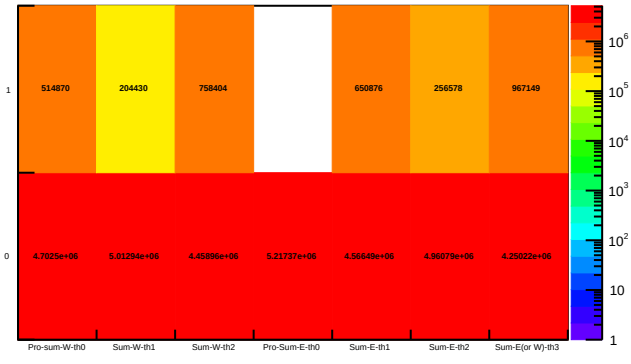
VT201 Input Ch2: ZDC Tac Diff



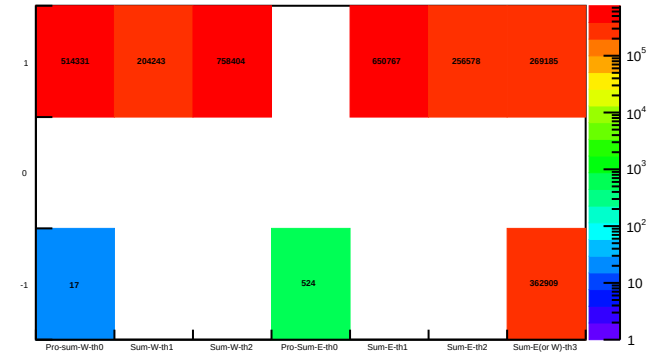
VT201 Input Ch2: ZDC Tac Diff



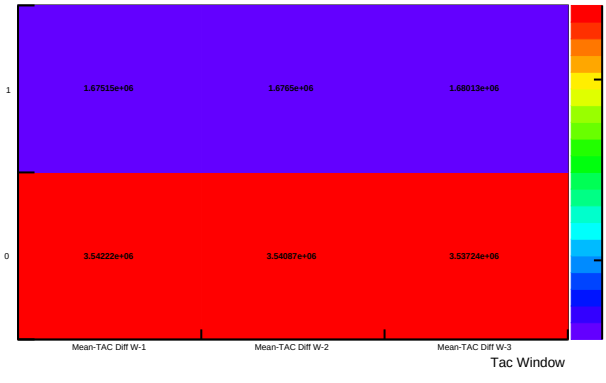
VT201 Input Ch2: ZDC Adc Sum Th



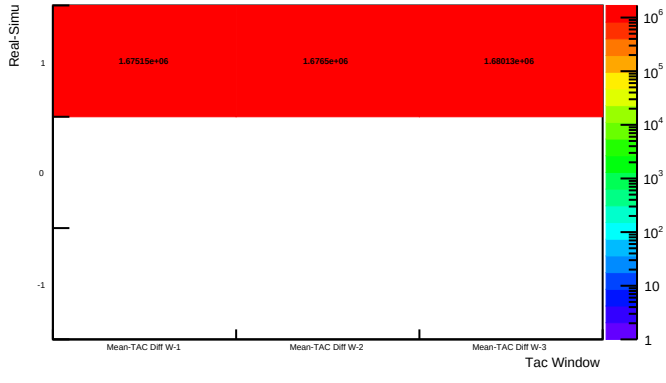
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



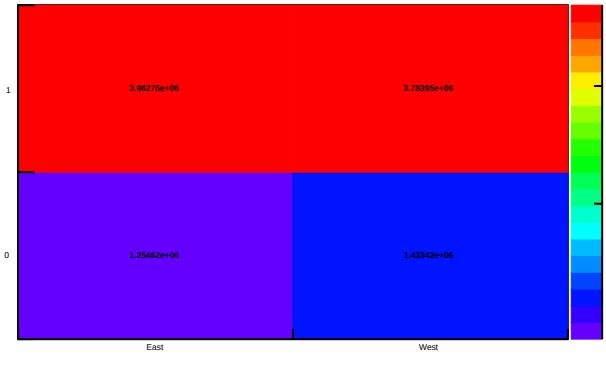
VT201 Input Ch4: VPD Tac Diff



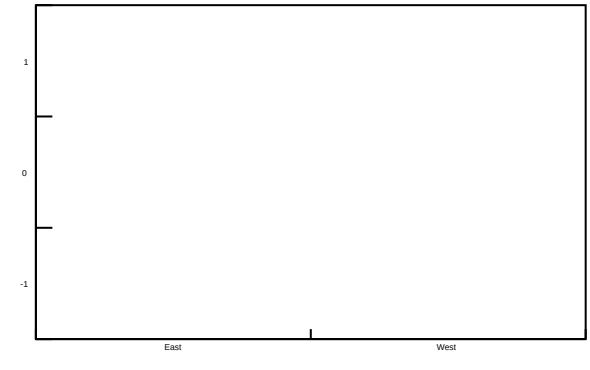
VT201 Input Ch4: VPD Tac Diff

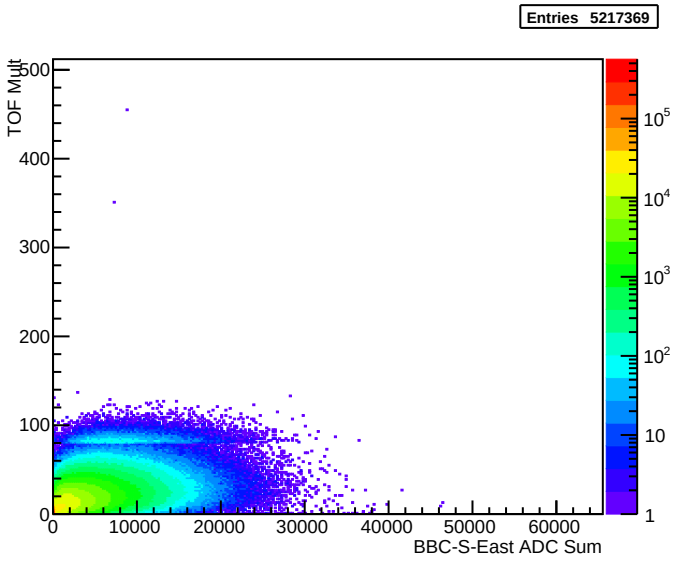


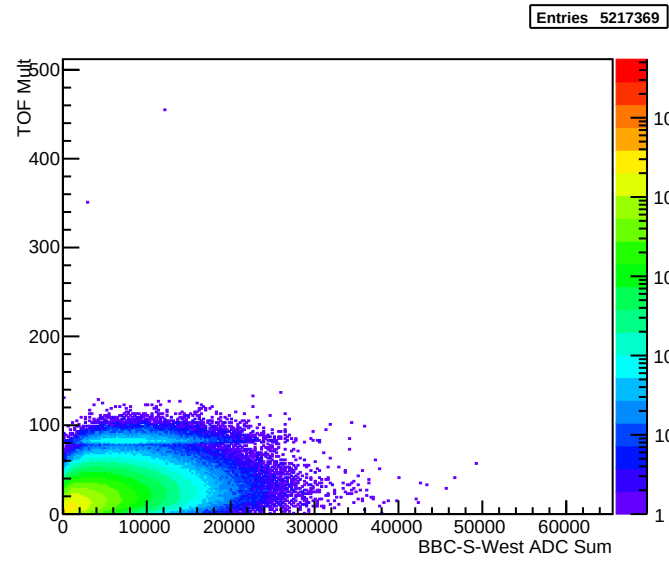
VT201 Input Ch4: VPD Adc Sum Th

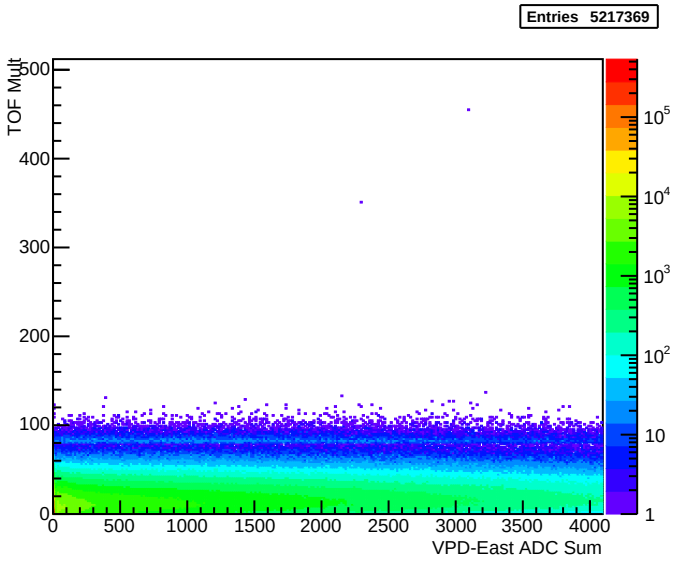


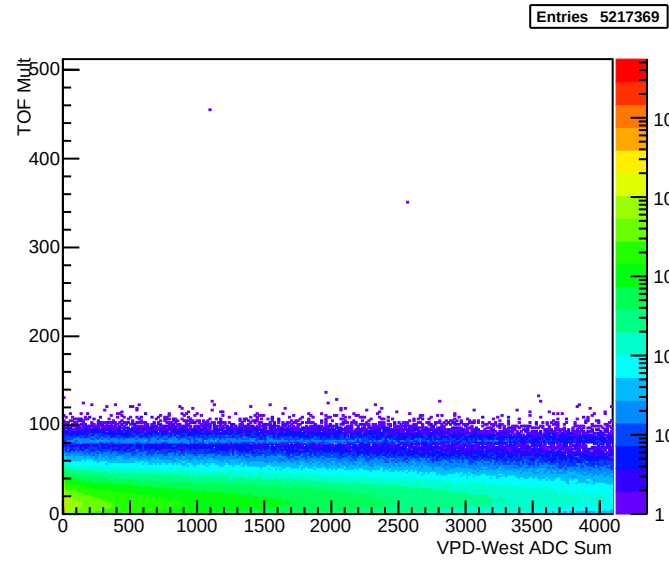
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

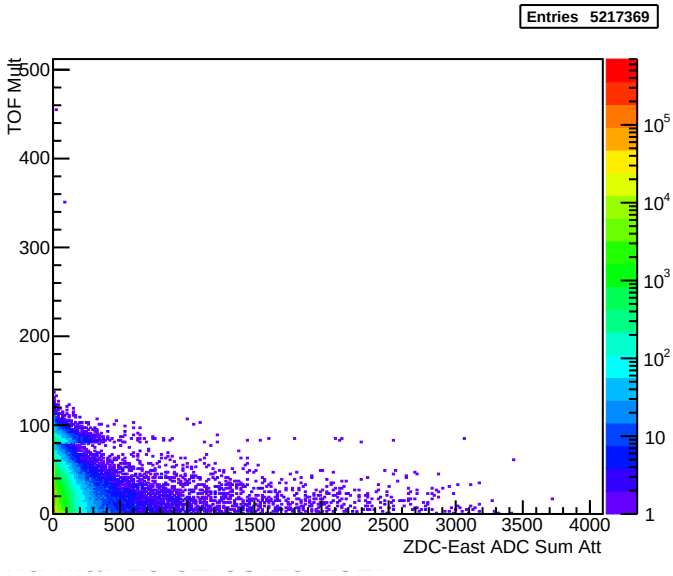


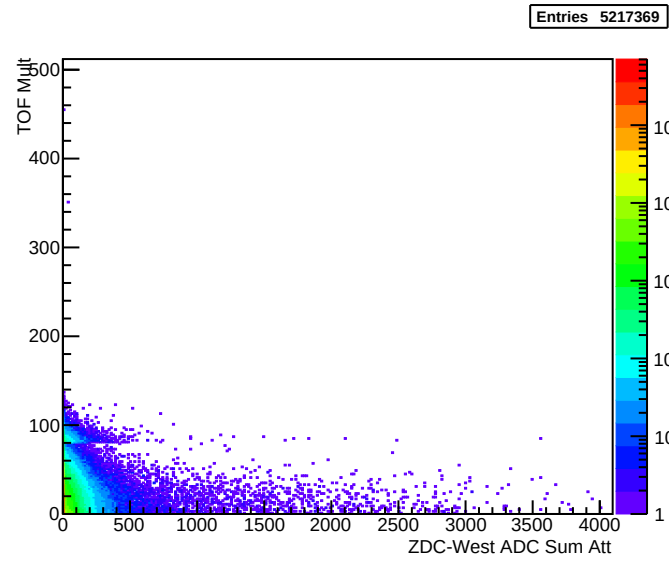

Entries 5217369
TOF Mult
BBC-S-East ADC Sum

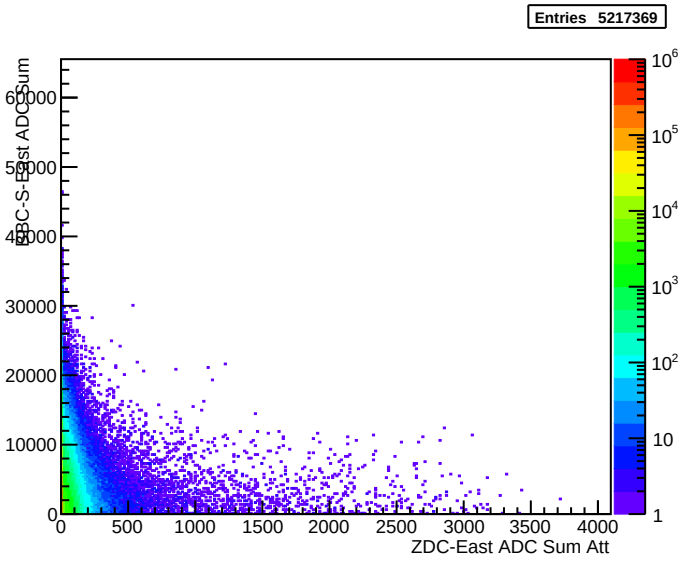

Entries 5217369
TOF Mult
BBC-S-West ADC Sum

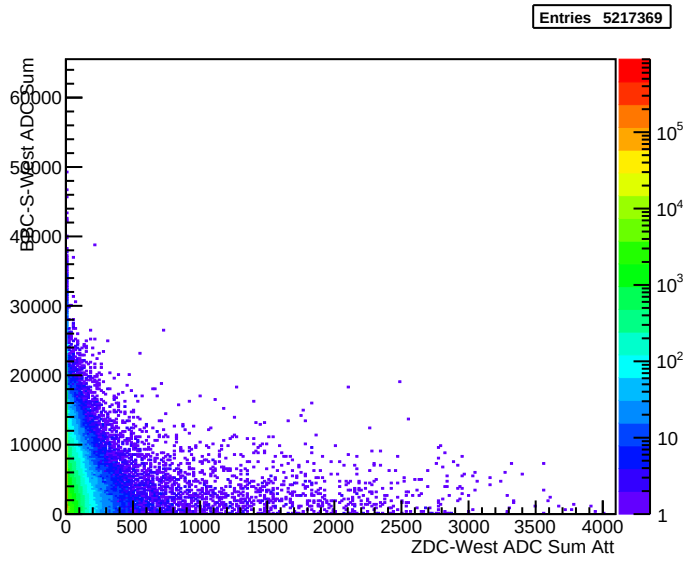

Entries 5217369
TOF Mult
VPD-East ADC Sum

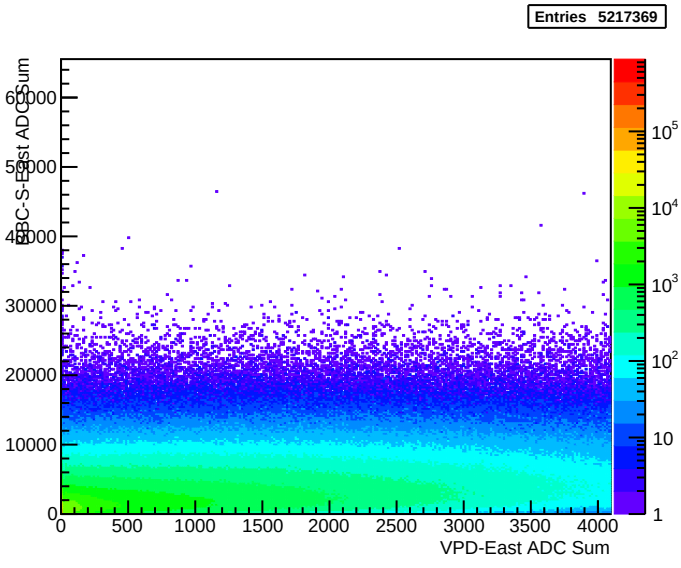

Entries 5217369
TOF Mult
VPD-West ADC Sum

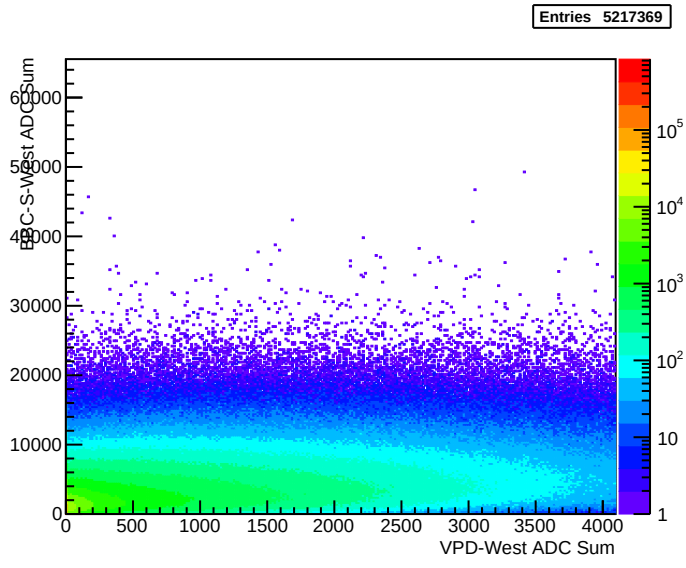

Entries 5217369
TOF Mult
ZDC-East ADC Sum Att

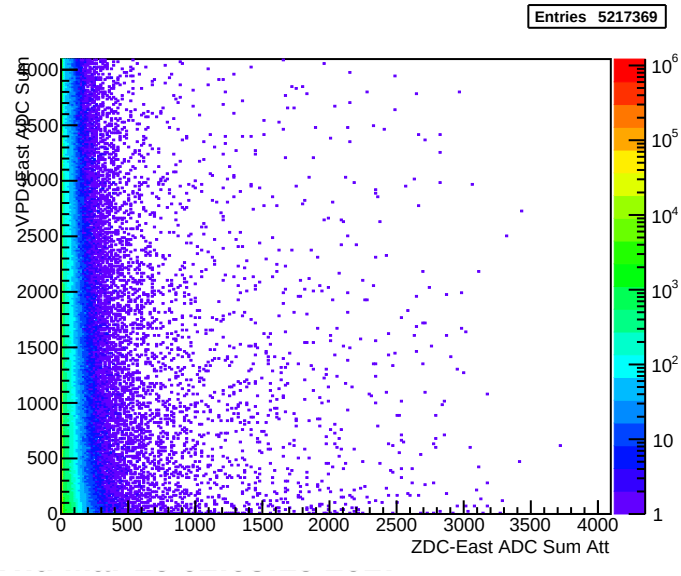

Entries 5217369
TOF Mult
ZDC-West ADC Sum Att

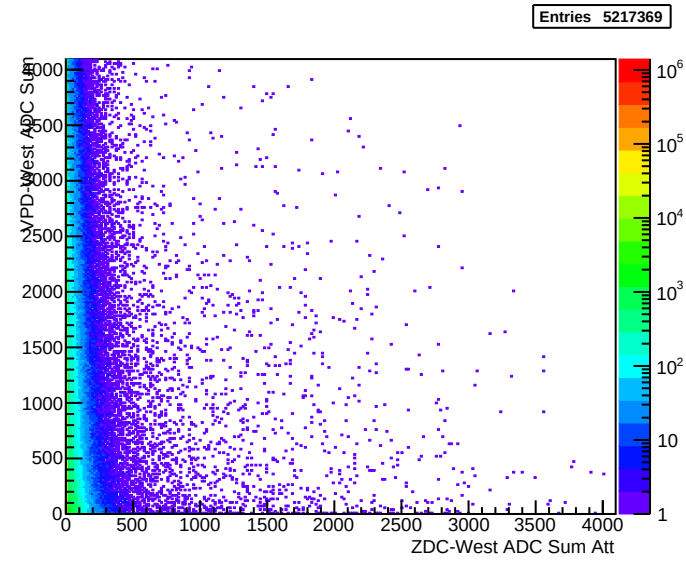

Entries 5217369
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

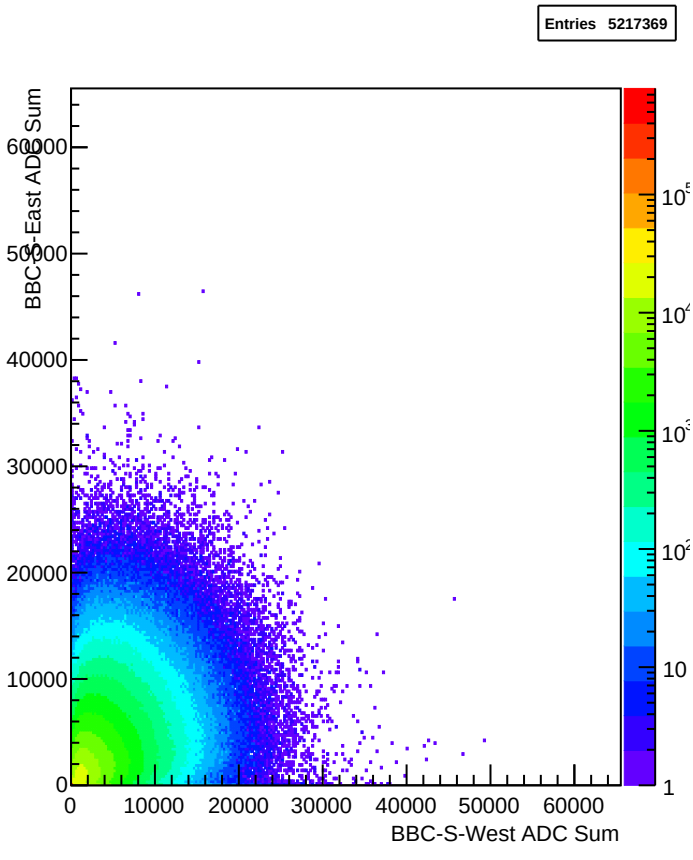

Entries 5217369
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

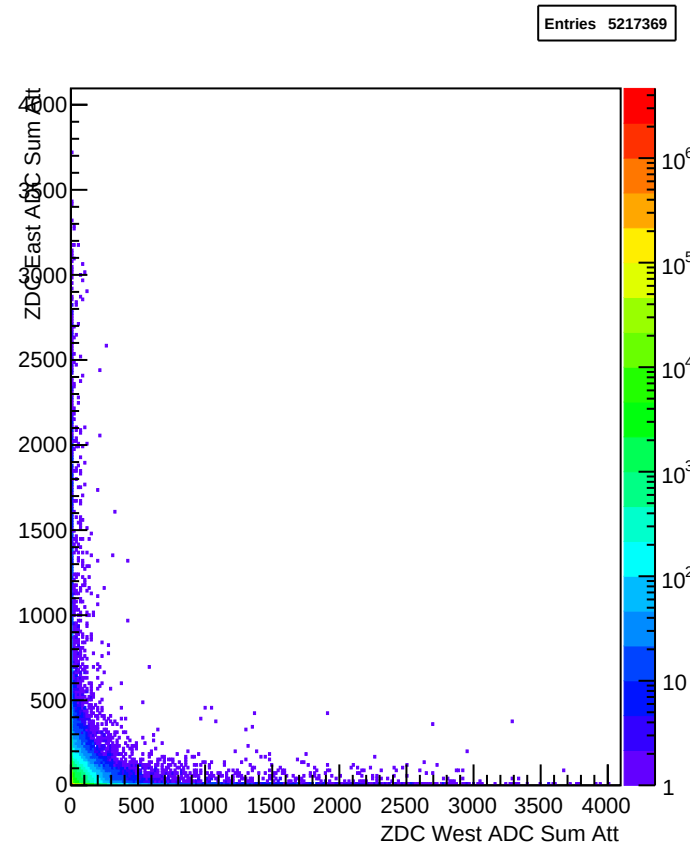

Entries 5217369
BBC-S-East ADC Sum
VPD-East ADC Sum

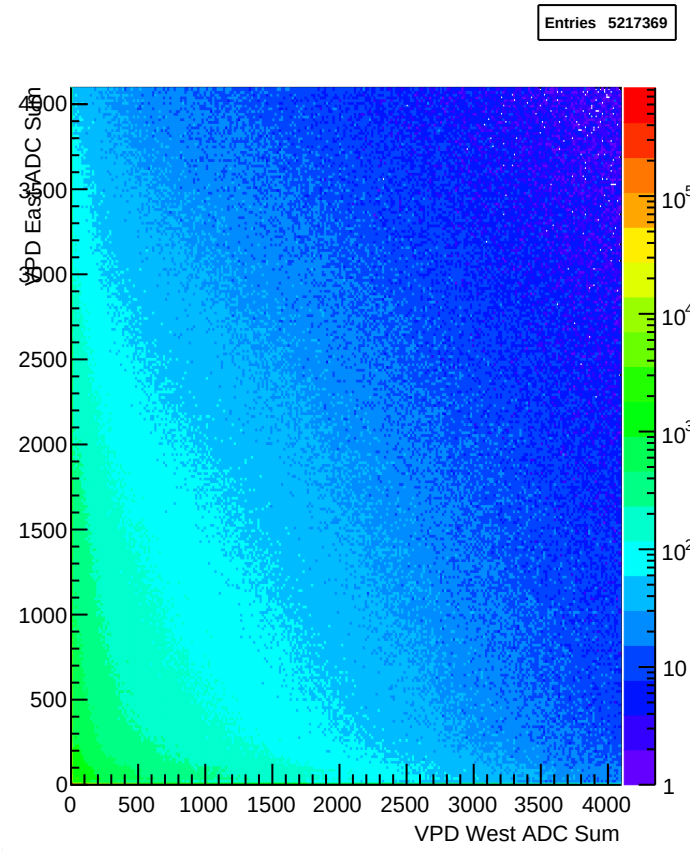

Entries 5217369
BBC-S-West ADC Sum
VPD-West ADC Sum

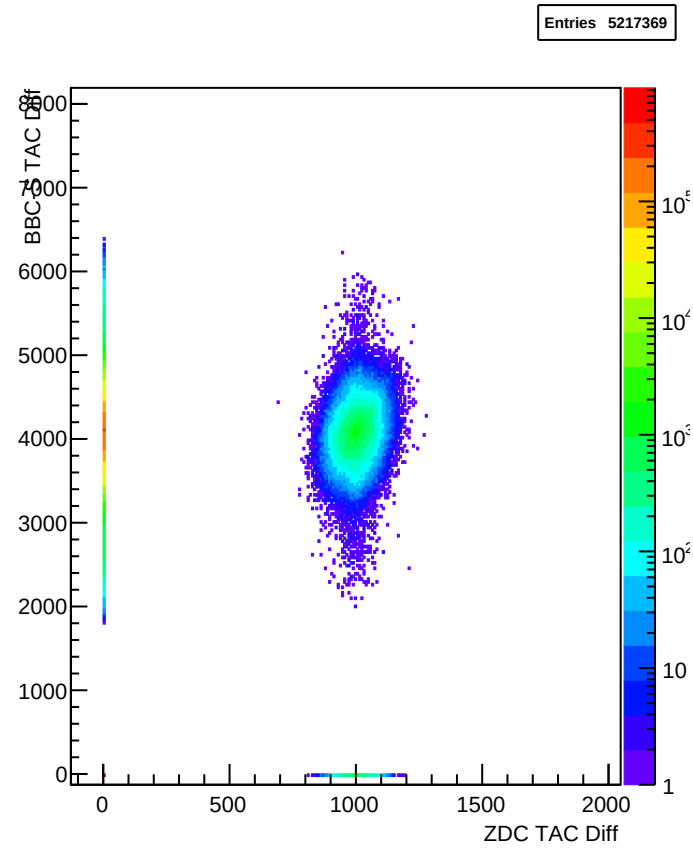

Entries 5217369
VPD-East ADC Sum
ZDC-East ADC Sum Att

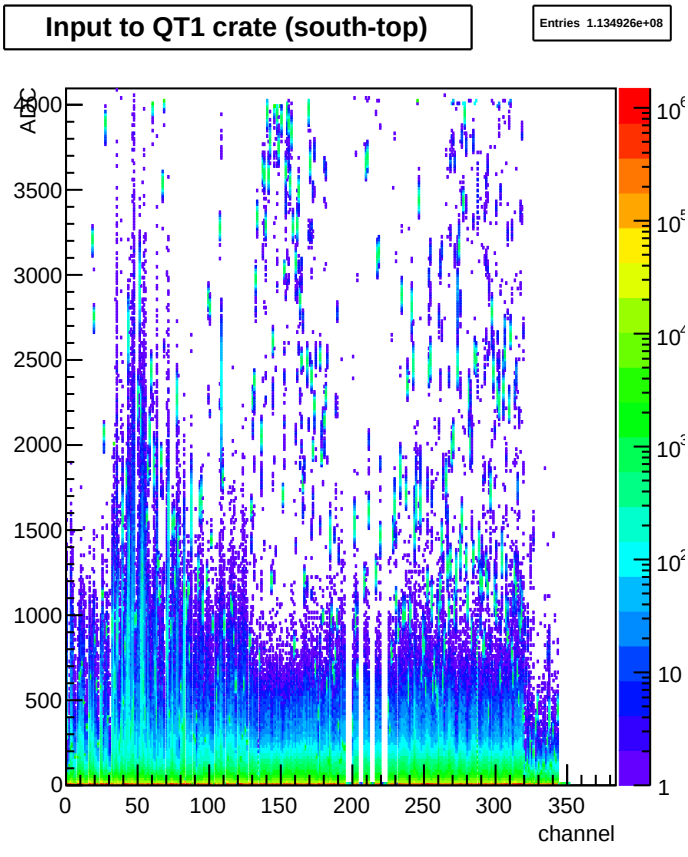

Entries 5217369
VPD-West ADC Sum
ZDC-West ADC Sum Att

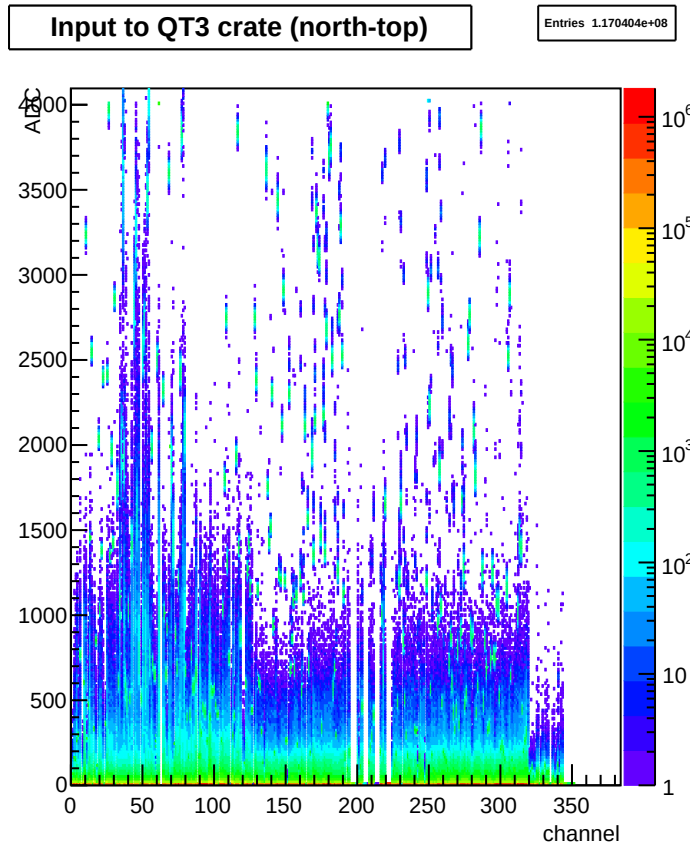

Entries 5217369
BBC-S-East ADC Sum
BBC-S-West ADC Sum

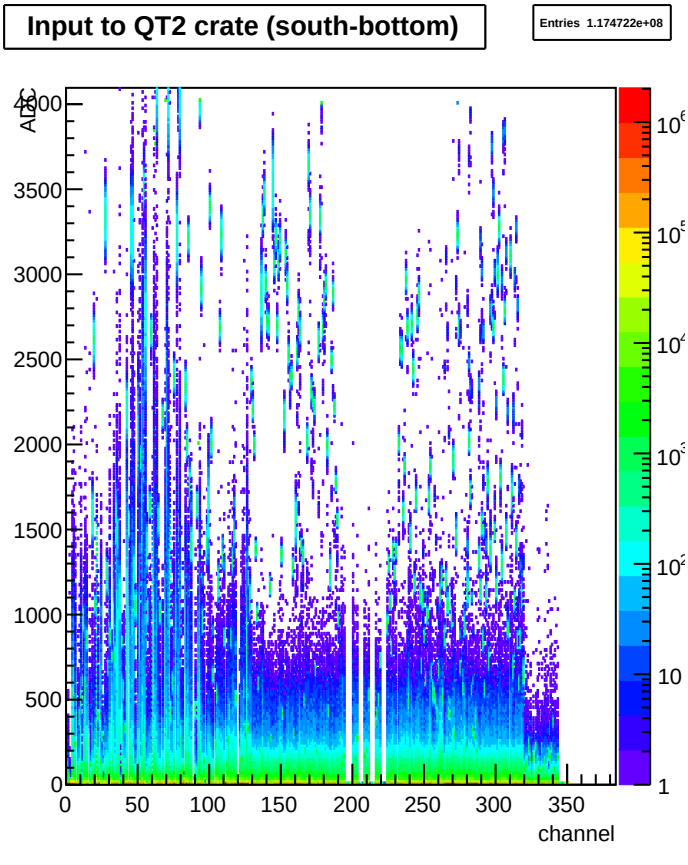

Entries 5217369
ZDC East ADC Sum Att
ZDC West ADC Sum Att

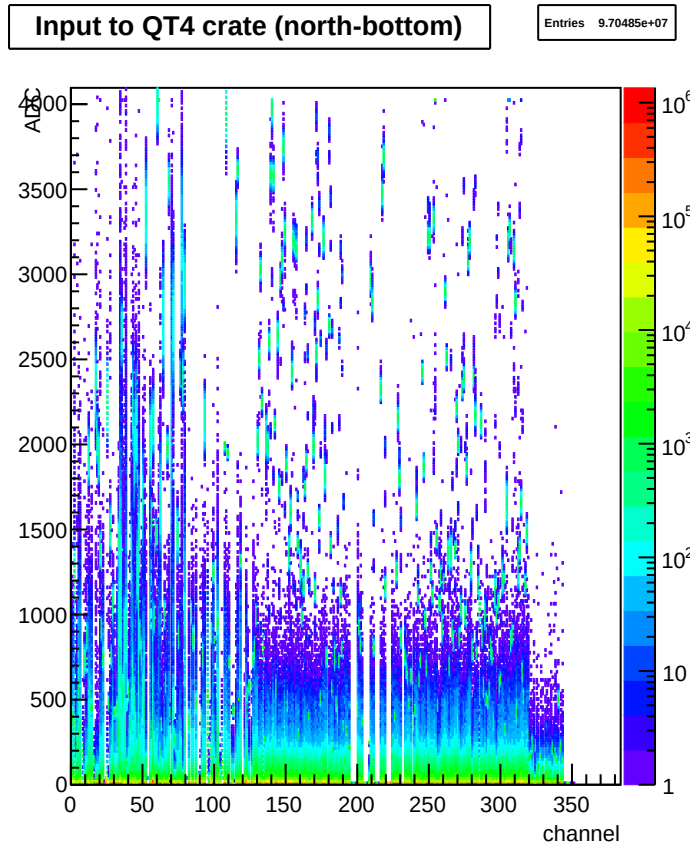

Entries 5217369
VPD East ADC Sum
VPD West ADC Sum

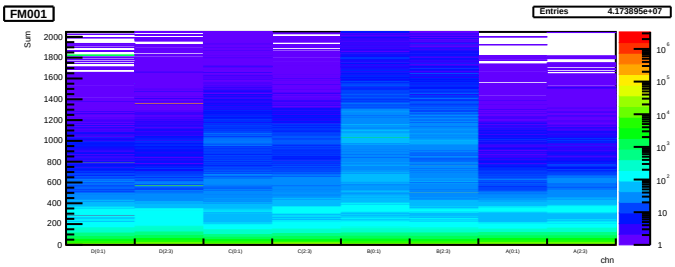

Entries 5217369
BBC-S TAC Diff
ZDC TAC Diff

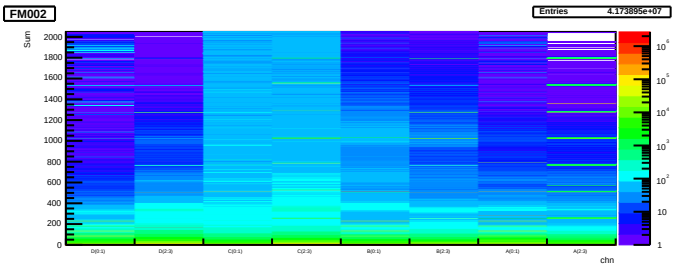

Input to QT1 crate (south-top)
Entries 1.134926e+08
ADC
channel

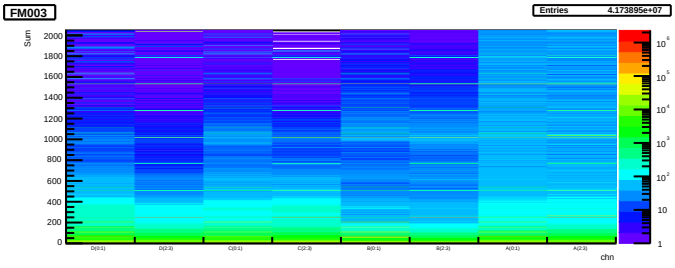

Input to QT3 crate (north-top)
Entries 1.170404e+08
ADC
channel

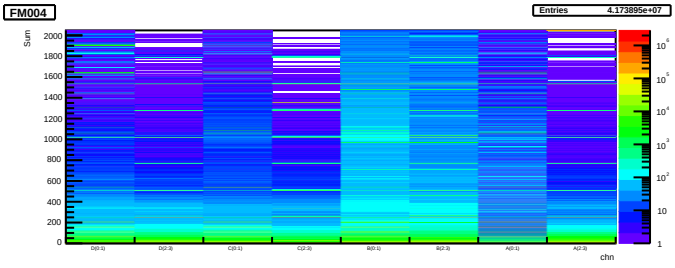

Input to QT2 crate (south-bottom)
Entries 1.174722e+08
ADC
channel

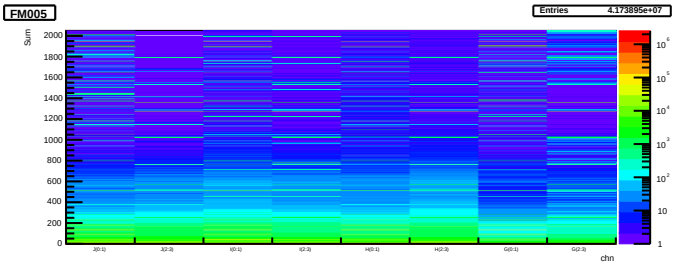

Input to QT4 crate (north-bottom)
Entries 9.70485e+07
ADC
channel


FM001
Entries 4.173895e+07
Sum
chn


FM002
Entries 4.173895e+07
Sum
chn


FM003
Entries 4.173895e+07
Sum
chn


FM004
Entries 4.173895e+07
Sum
chn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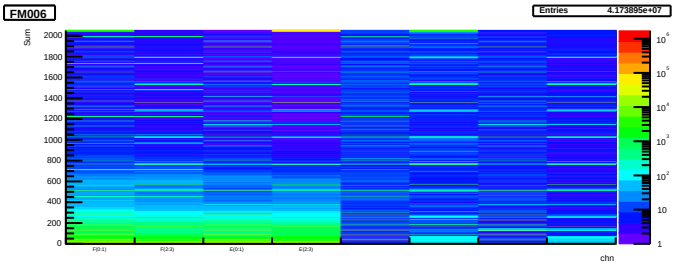
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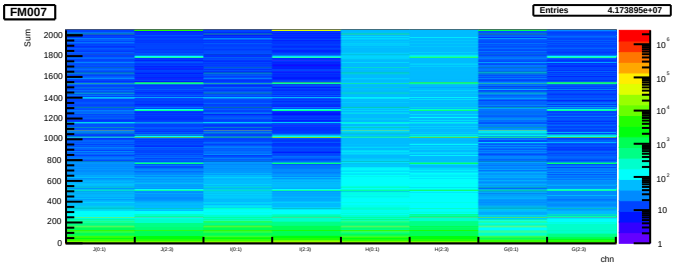
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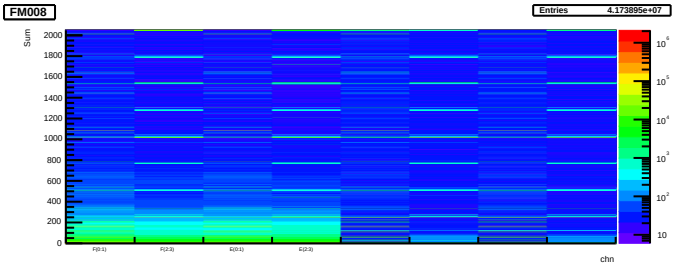
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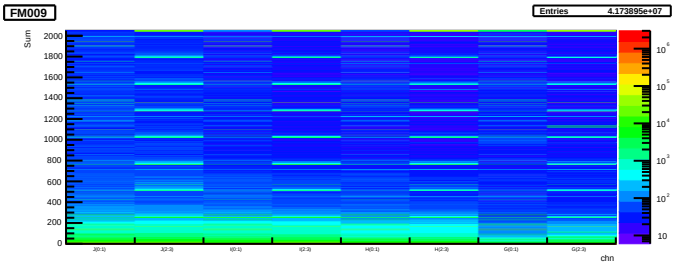
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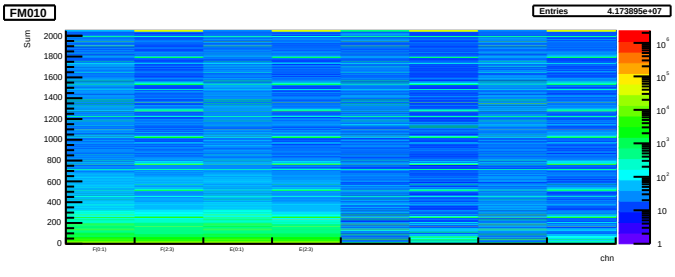
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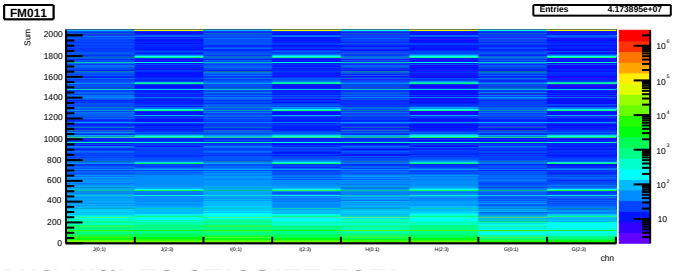
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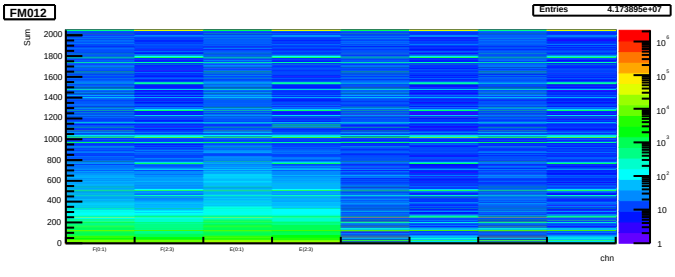
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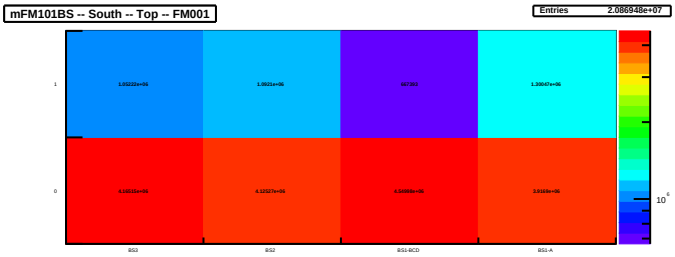
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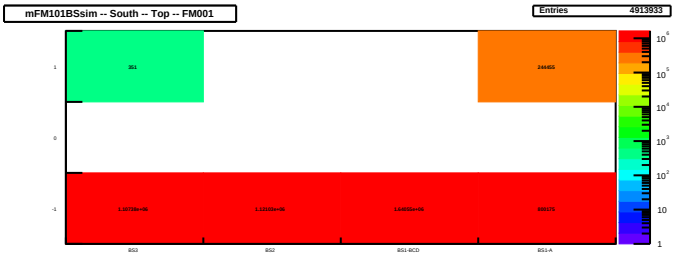
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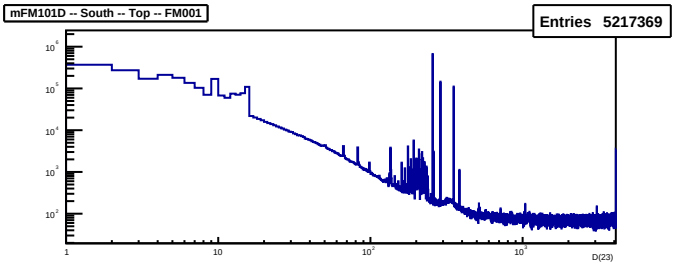
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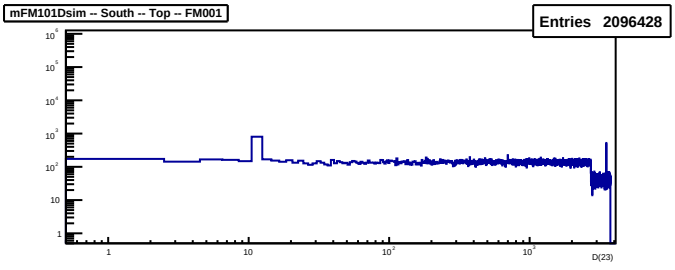
Entries 5217369
D(23)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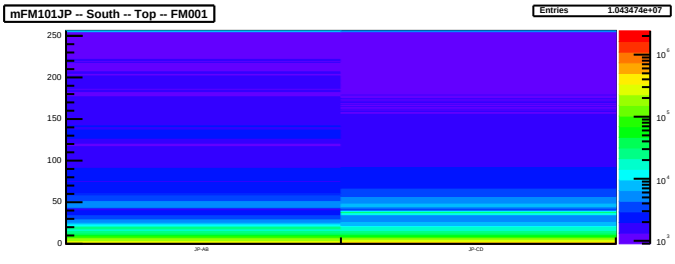
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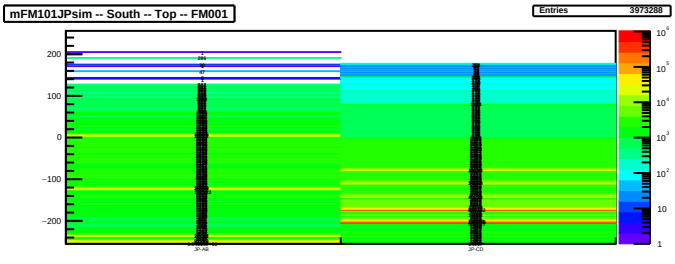
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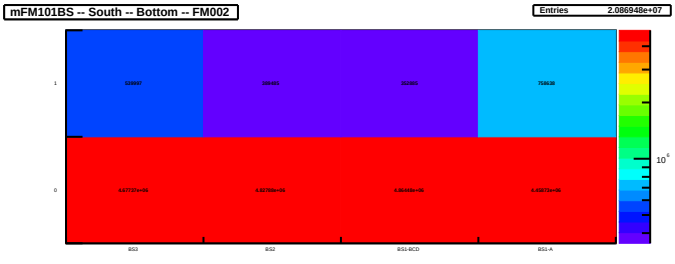
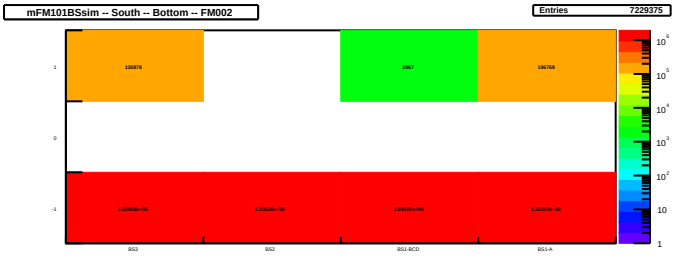

mFM101BS -- South -- Bottom -- FM002
Entries 2.086948e+07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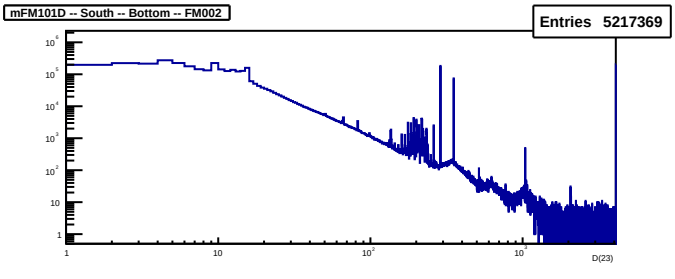
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Entries 5217369
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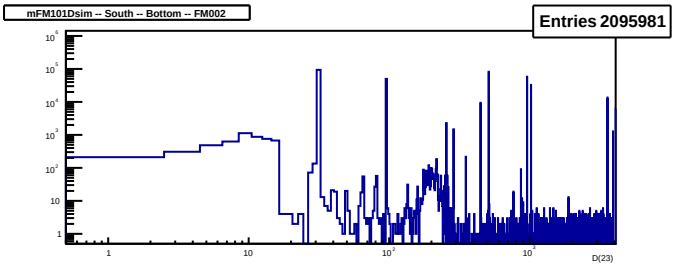
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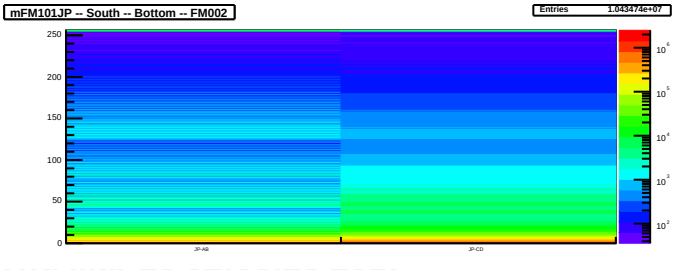
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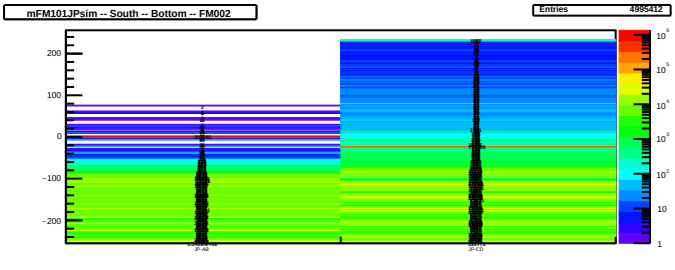
Entries 1.043474e+07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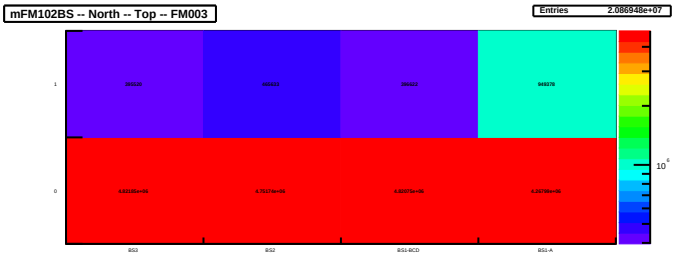
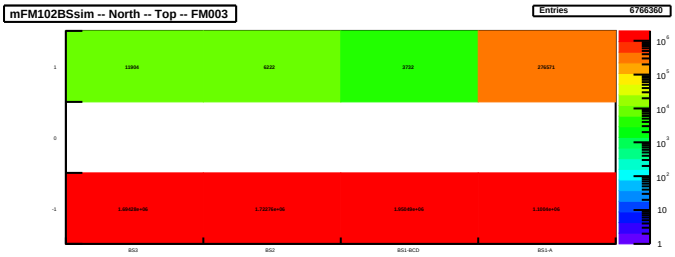

mFM102BS -- North -- Top -- FM003
Entries 2.086948e+07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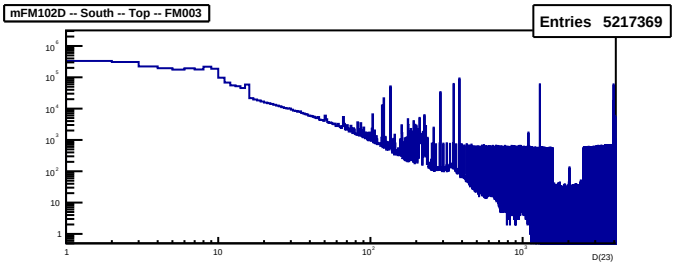
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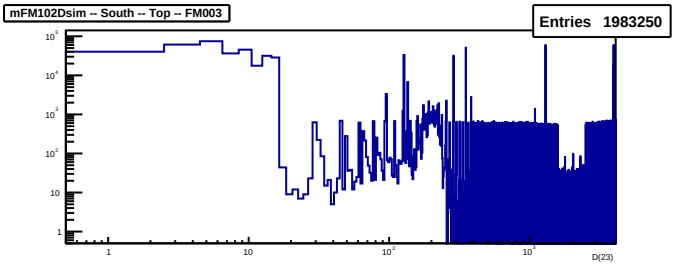
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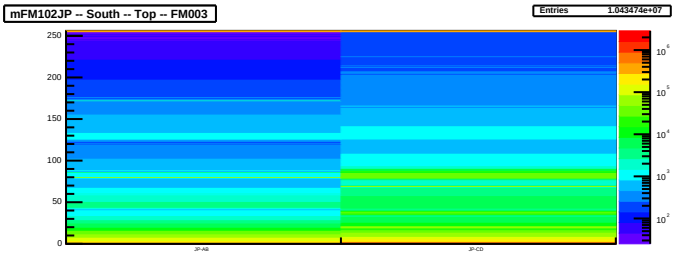
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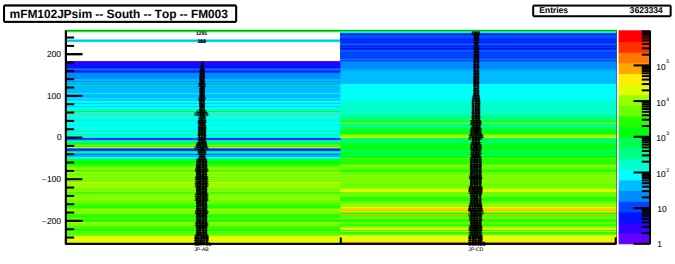
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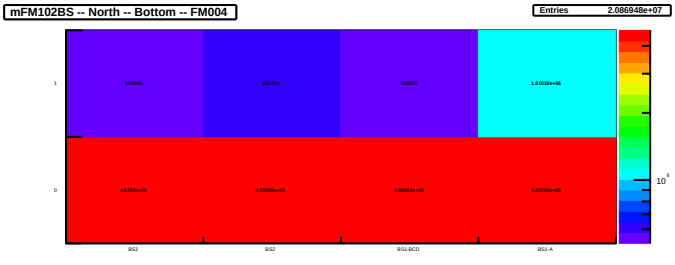
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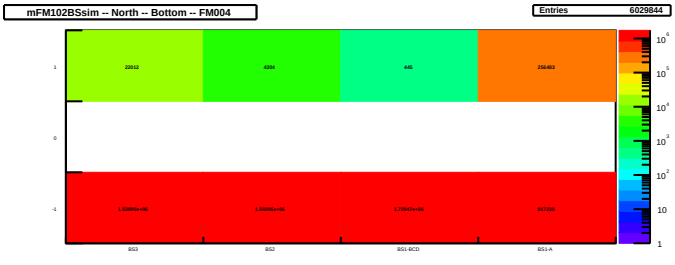
Entries 2.086948e+07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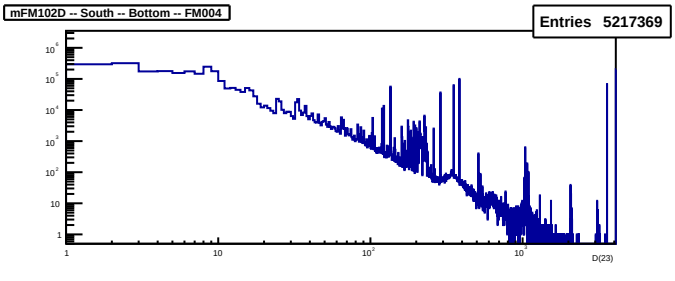
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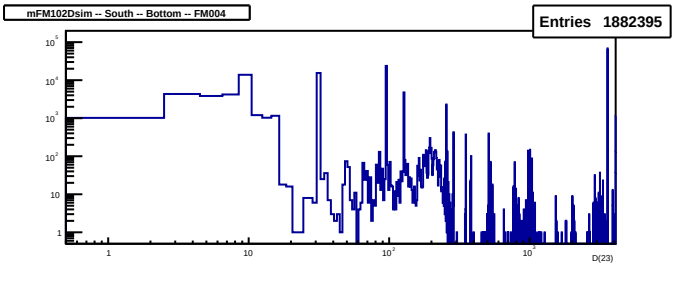
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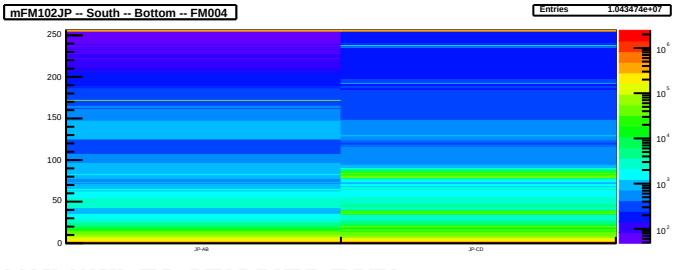
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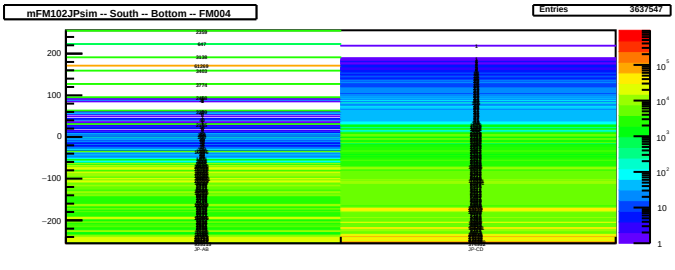
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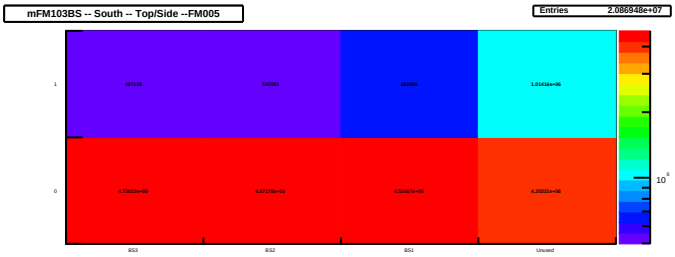
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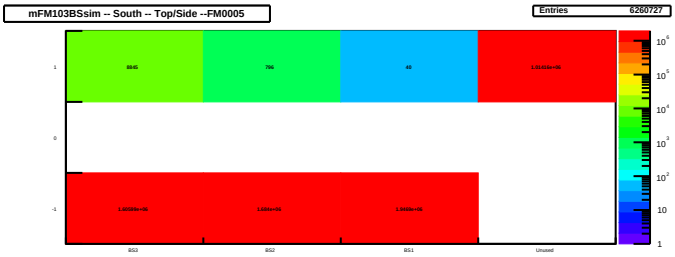
Entries 2.086948e+07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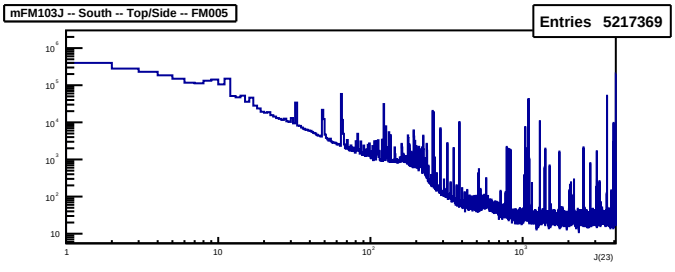
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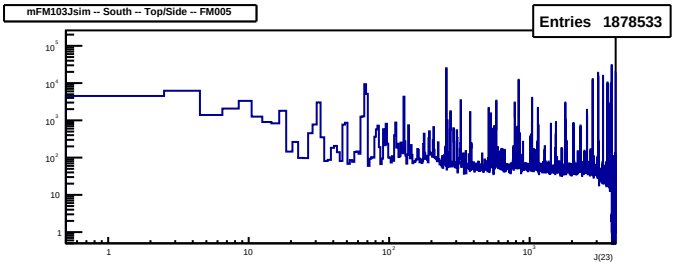
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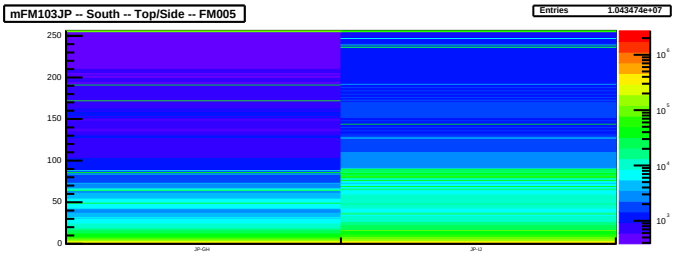
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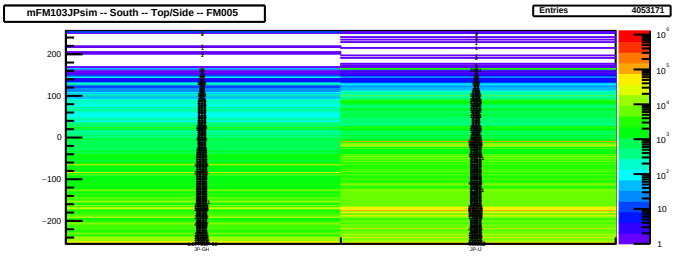
Entries 1.043474e+07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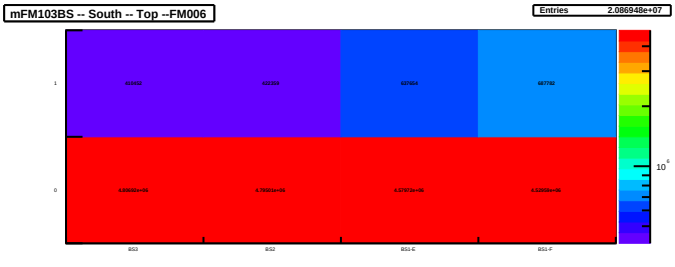
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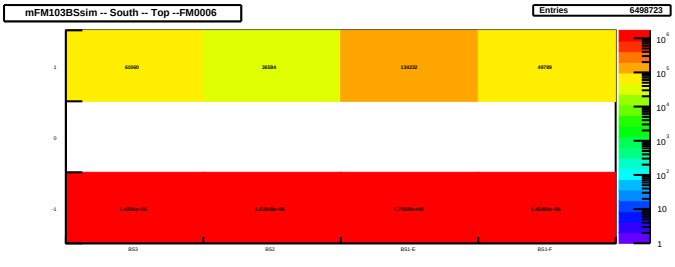
Entries 2.086948e+07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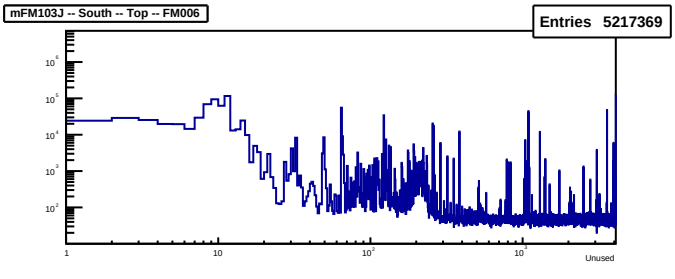
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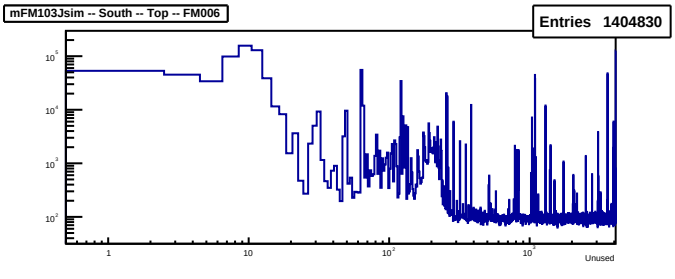
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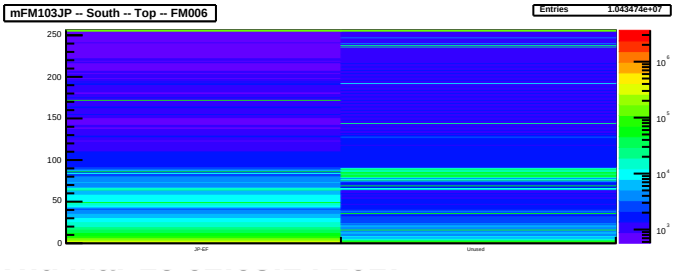
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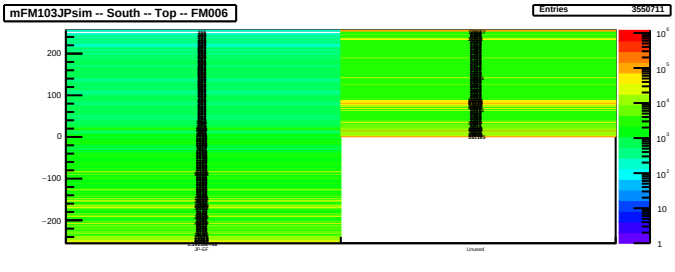
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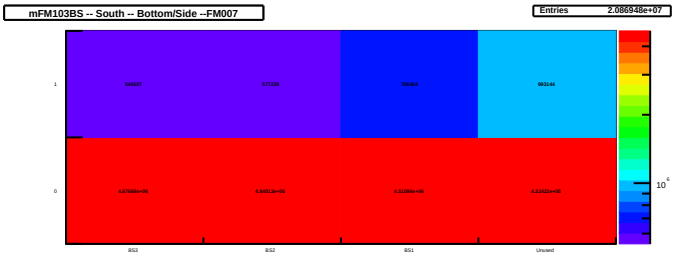
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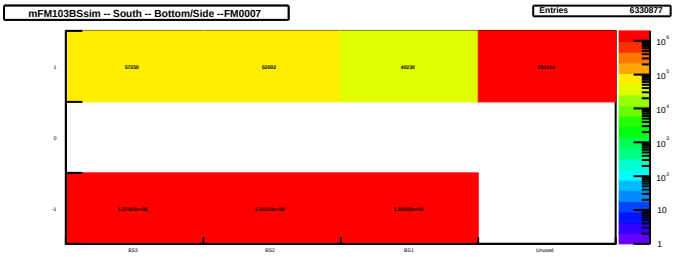
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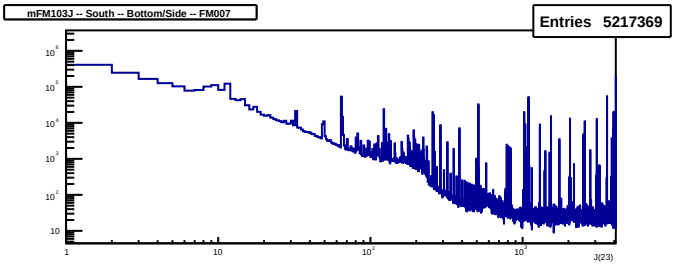
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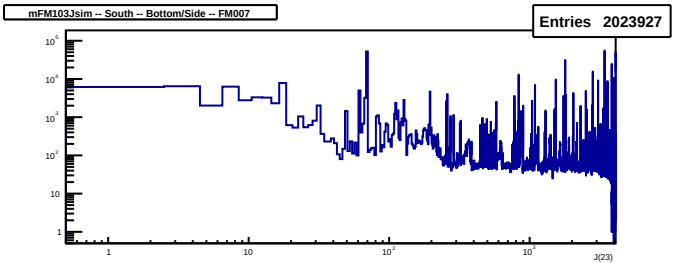
Entries 5217369
J(23)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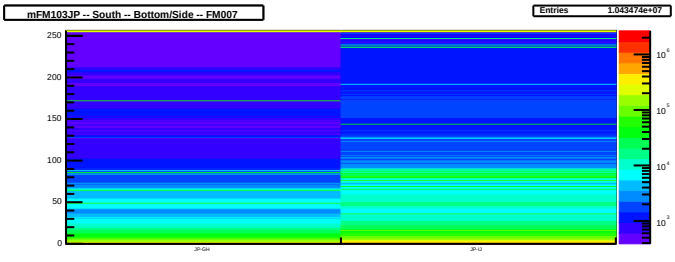
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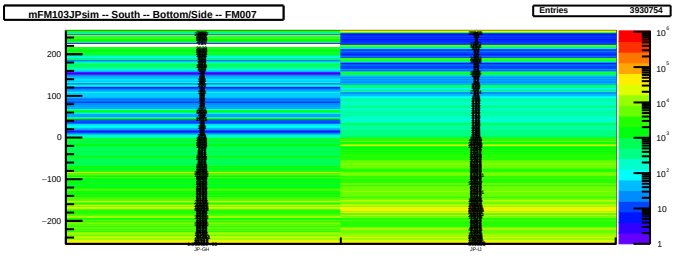
Entries 1.043474e+07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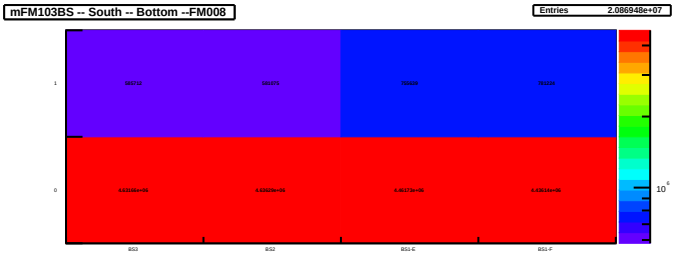
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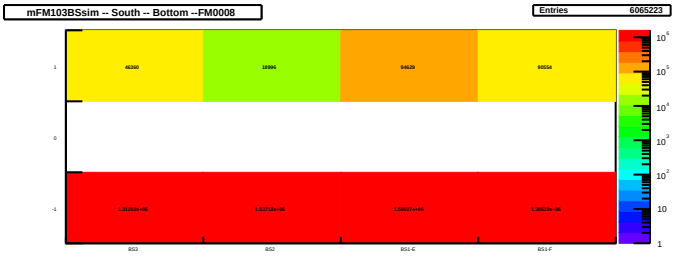
Entries 2.086948e+07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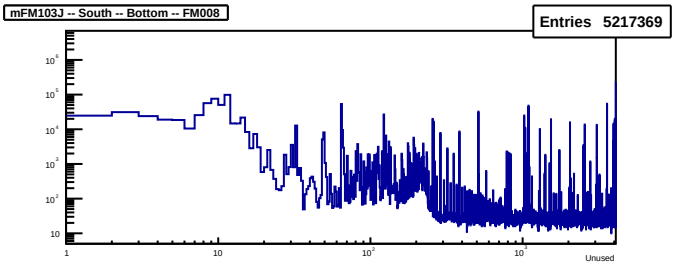
mFM103J -- South -- Bottom -- FM008
Entries 5217369
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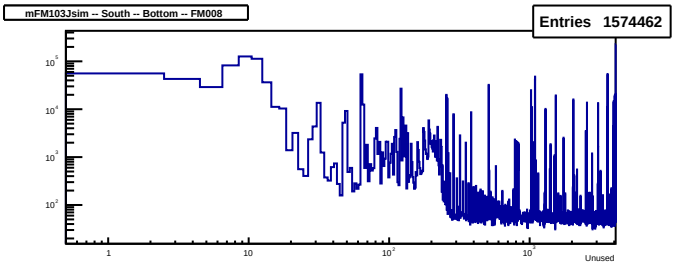
mFM103Jsim -- South -- Bottom -- FM008
Entries 1574462
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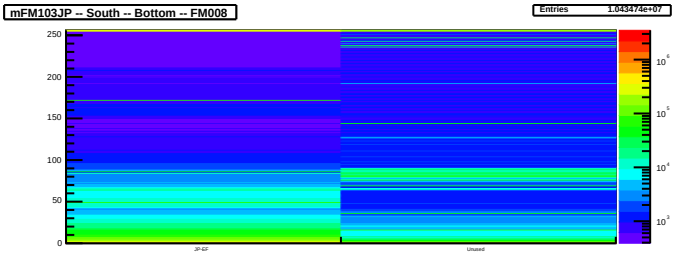
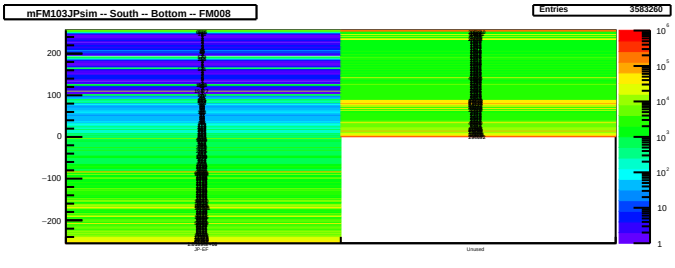

mFM103JP -- South -- Bottom -- FM008
Entries 1.043474e+07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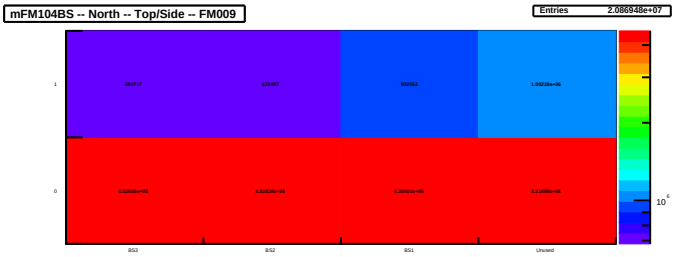
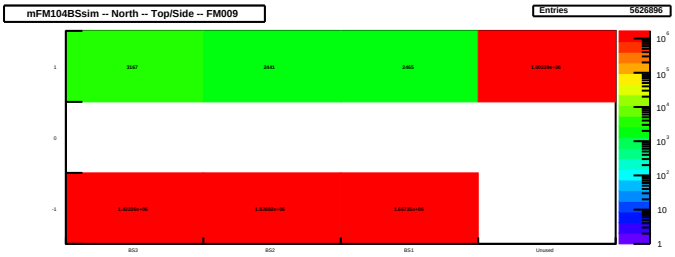
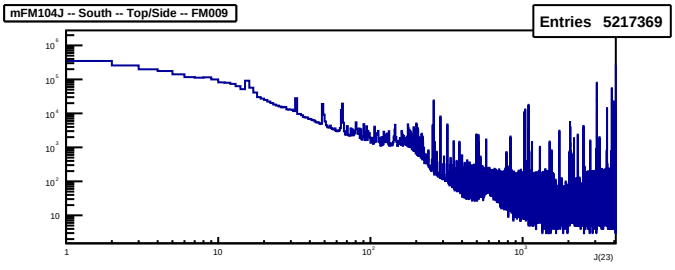
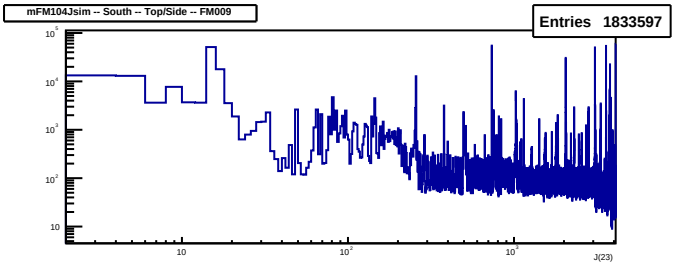
Entries 3583260


mFM104BS -- North -- Top/Side -- FM009
Entries 2.086948e+07


mFM104BSsim -- North -- Top/Side -- FM009
Entries 5626896


mFM104J -- South -- Top/Side -- FM009
Entries 5217369
J(23)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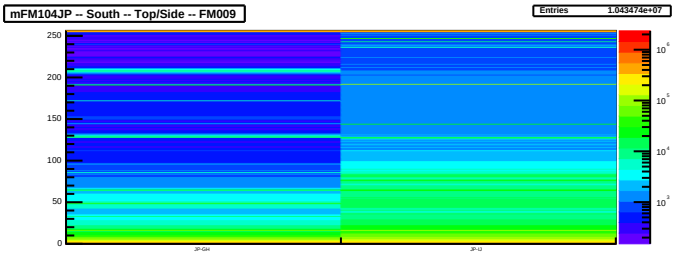
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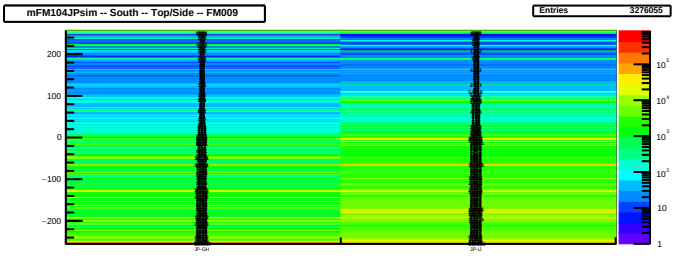
Entries 1.043474e+07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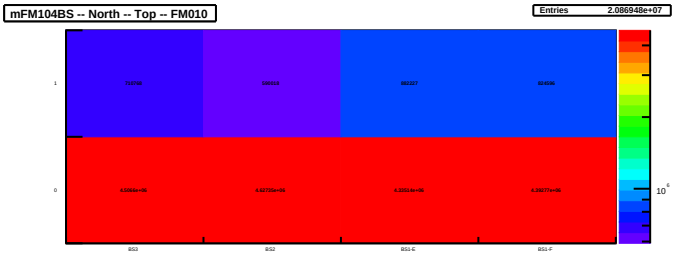
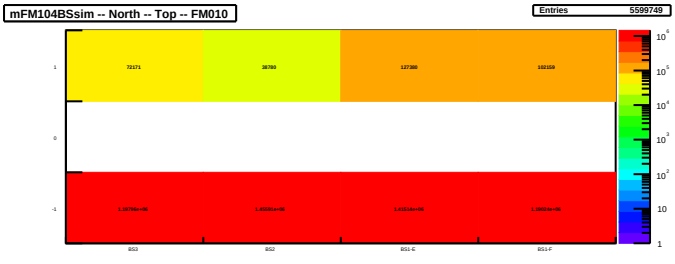
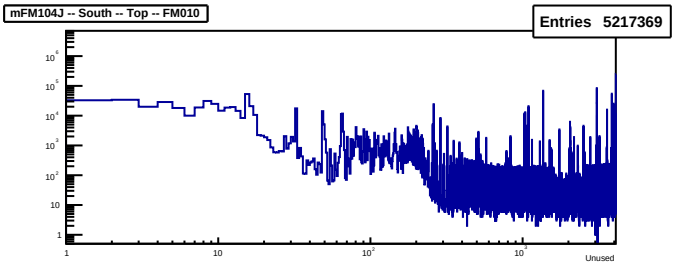
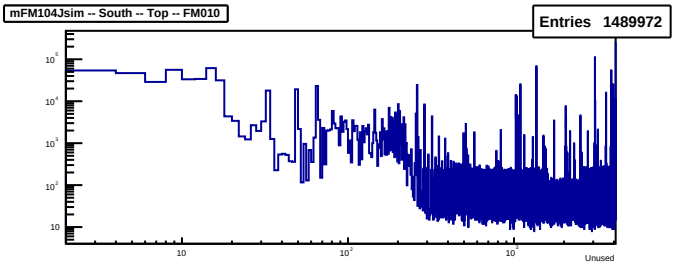

mFM104BS -- North -- Top -- FM010
Entries 2.086948e+07


mFM104BSsim -- North -- Top -- FM010
Entries 5599749


mFM104J -- South -- Top -- FM010
Entries 5217369
Unused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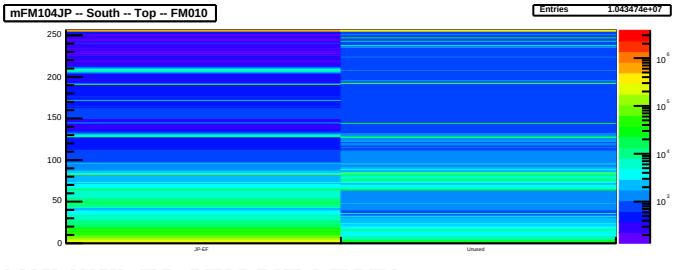
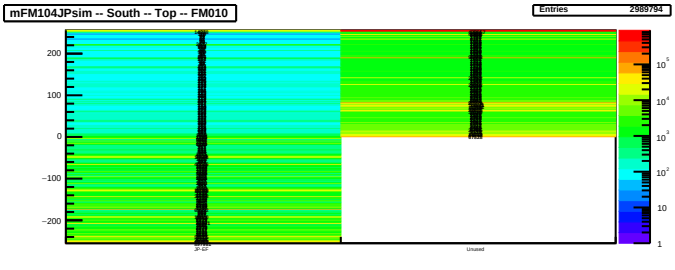
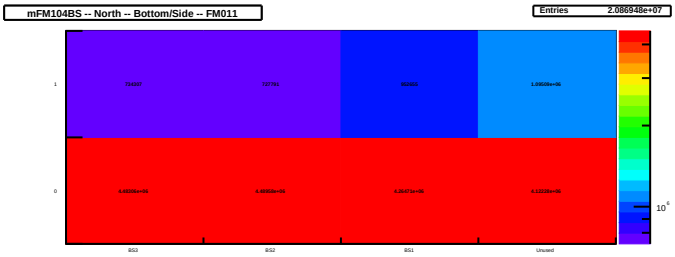
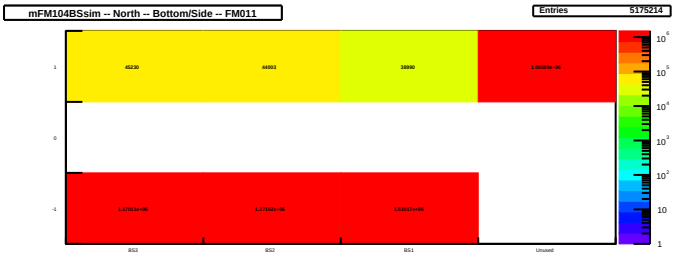
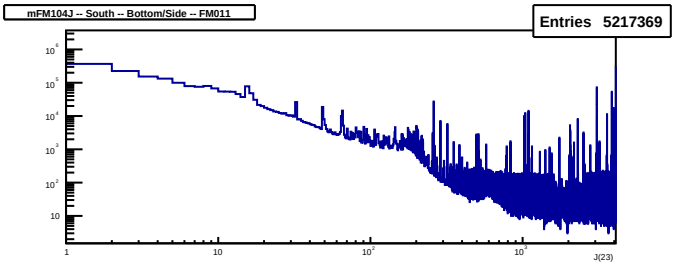
Entries 1489972
Unused

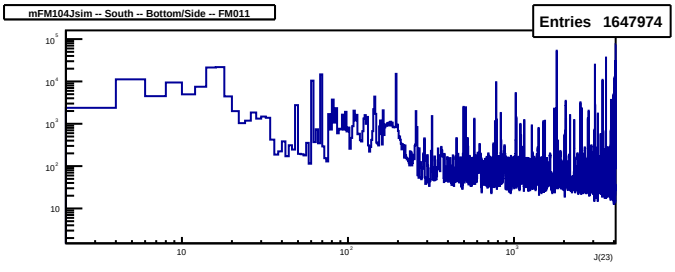

mFM104JP -- South -- Top -- FM010
Entries 1.043474e+07

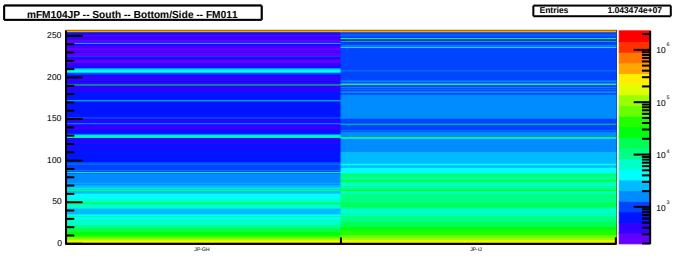

mFM104JPsim -- South -- Top -- FM010
Entries 2989794

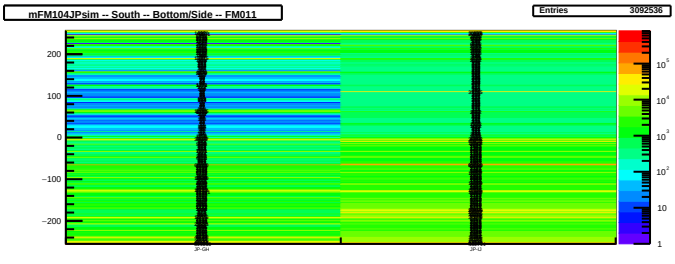

mFM104BS -- North -- Bottom/Side -- FM011
Entries 2.086948e+07


mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 5175214


mFM104J -- South -- Bottom/Side -- FM011
Entries 5217369
J(23)


mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 1647974
J(23)


mFM104JP -- South -- Bottom/Side -- FM011
Entries 1.043474e+07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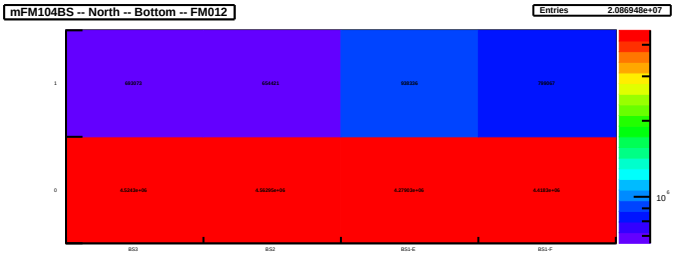
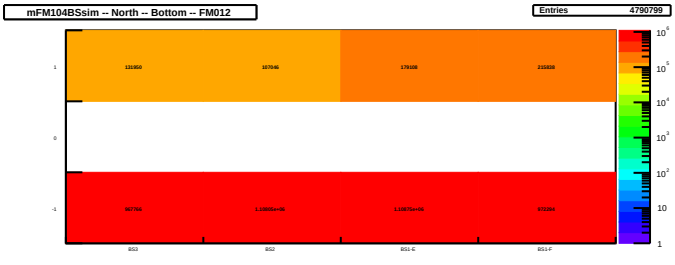
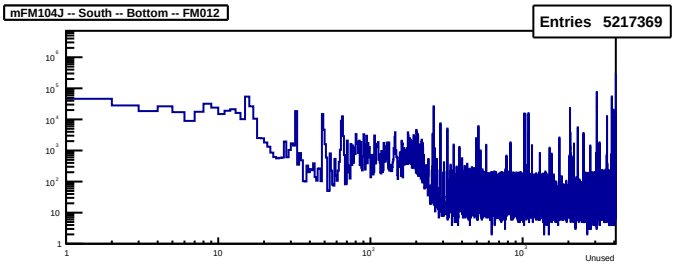
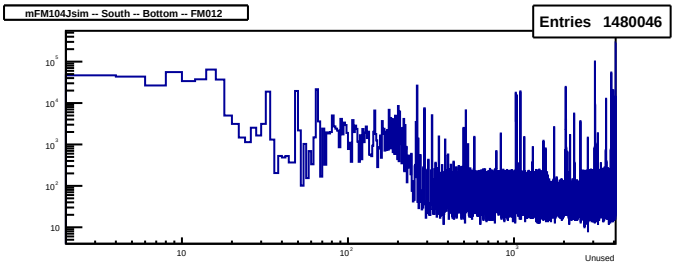
Entries 3092536


mFM104BS -- North -- Bottom -- FM012
Entries 2.086948e+07


mFM104BSsim -- North -- Bottom -- FM012
Entries 4790799


mFM104J -- South -- Bottom -- FM012
Entries 5217369
Unused


mFM104Jsim -- South -- Bottom -- FM012
Entries 1480046
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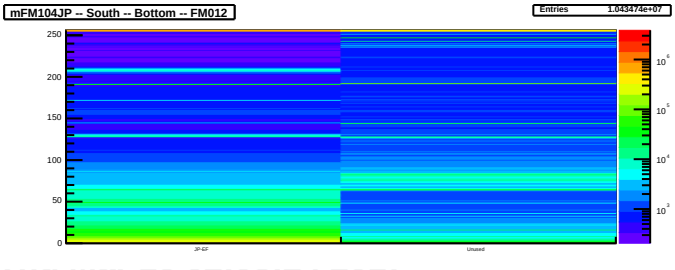
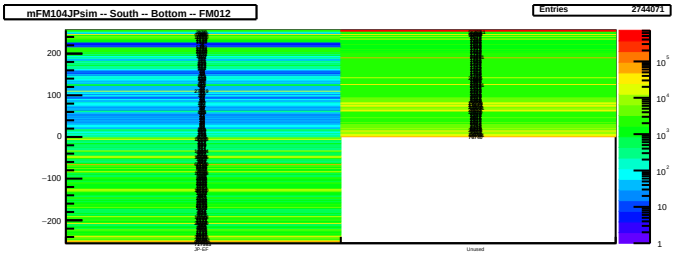
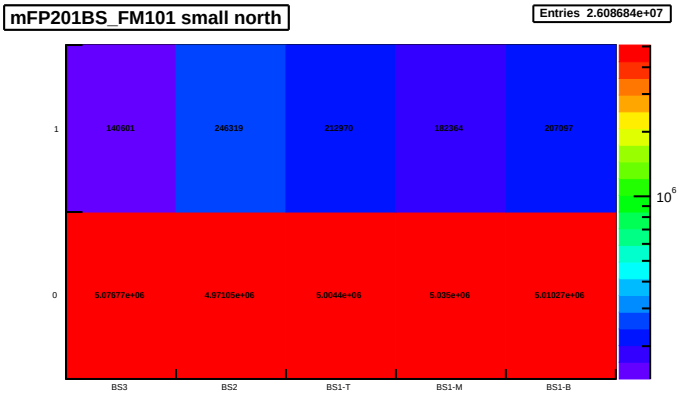
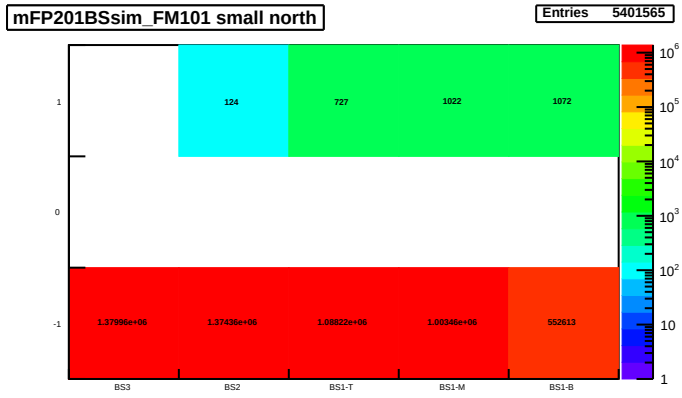
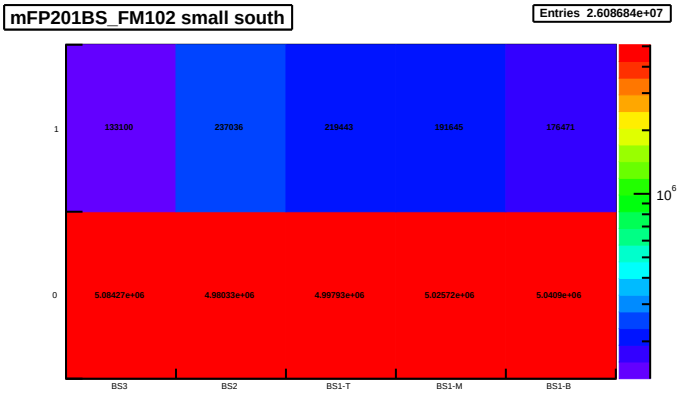
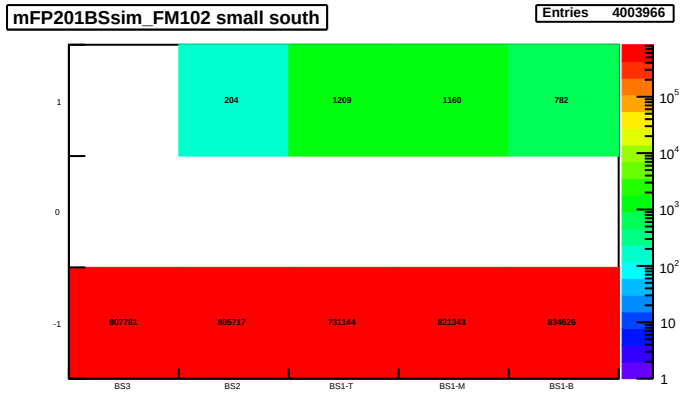

mFM104JP -- South -- Bottom -- FM012
Entries 1.043474e+07

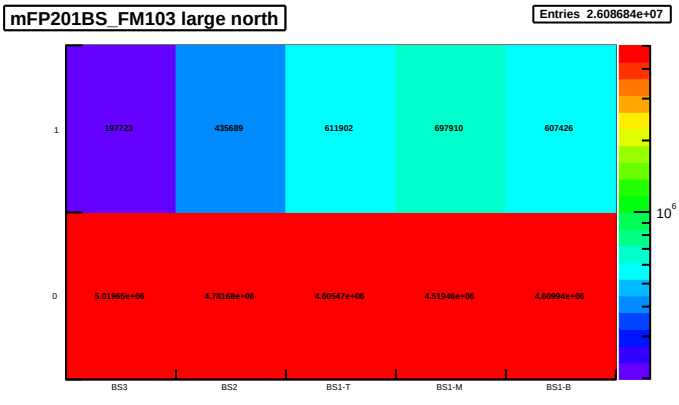

mFM104JPsim -- South -- Bottom -- FM012
Entries 2744071

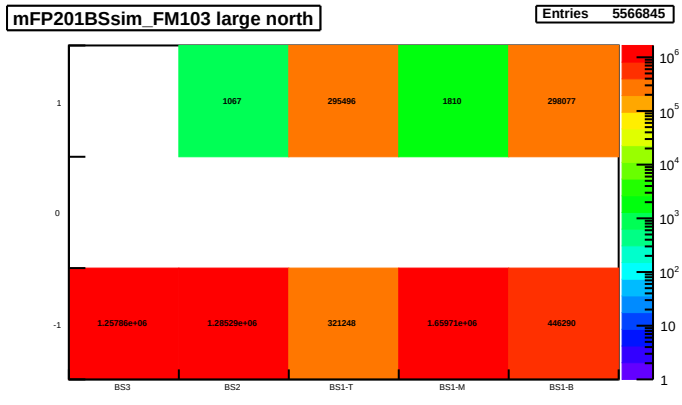

mFP201BS_FM101 small north
Entries 2.608684e+07
140601
246319
212970
182364
207097
5.07677e+06
4.97105e+06
5.0044e+06
5.035e+06
5.01027e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

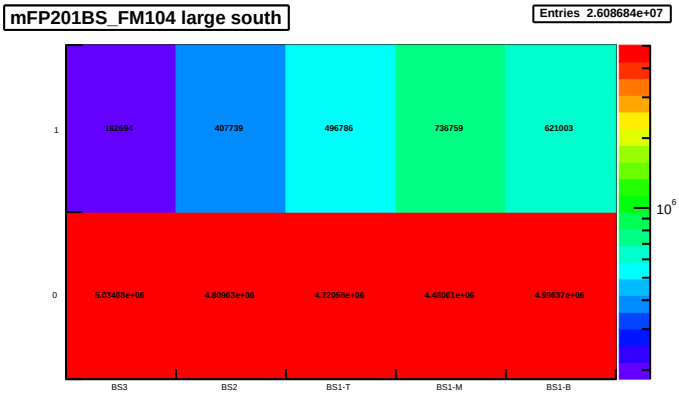

mFP201BSsim_FM101 small north
Entries 5401565
124
727
1022
1072
1.37996e+06
1.37436e+06
1.08822e+06
1.00346e+06
552613
BS3
BS2
BS1-T
BS1-M
BS1-B

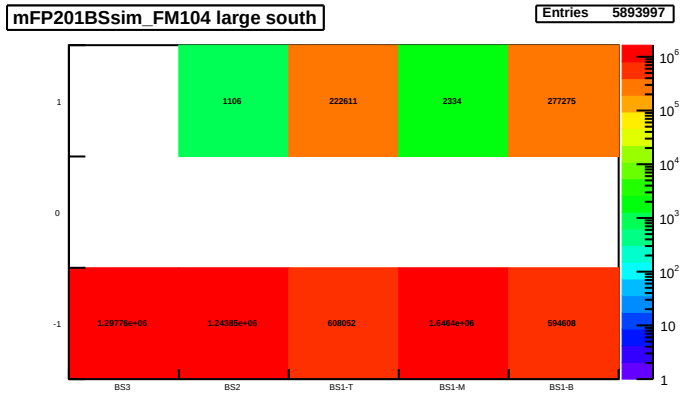

mFP201BS_FM102 small south
Entries 2.608684e+07
133100
237036
219443
191645
176471
5.08427e+06
4.98033e+06
4.99793e+06
5.02572e+06
5.0409e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

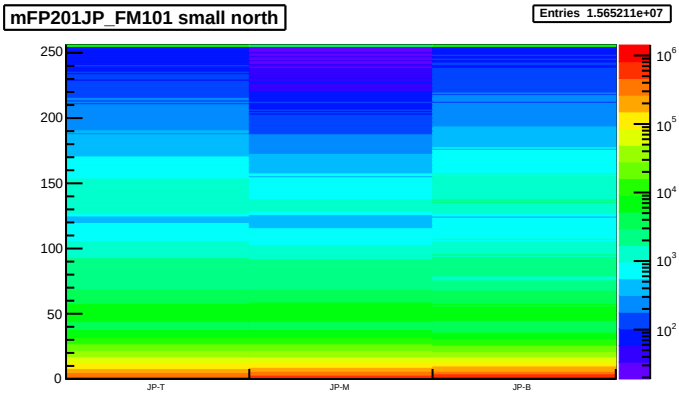

mFP201BSsim_FM102 small south
Entries 4003966
204
1209
1160
782
807781
805717
731144
821343
834626
BS3
BS2
BS1-T
BS1-M
BS1-B

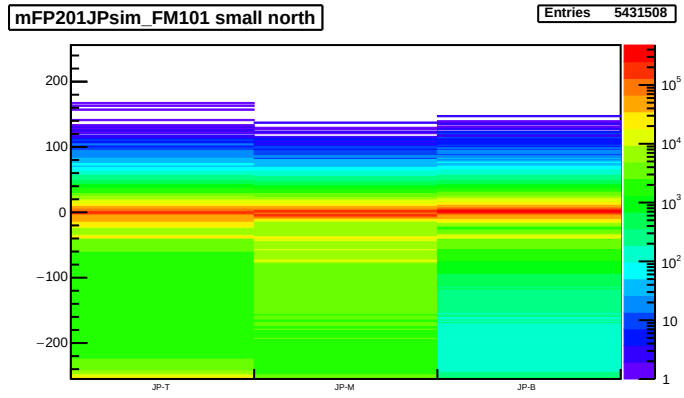

mFP201BS_FM103 large north
Entries 2.608684e+07
197723
435689
611902
697910
607426
5.01965e+06
4.78168e+06
4.60547e+06
4.51946e+06
4.60994e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

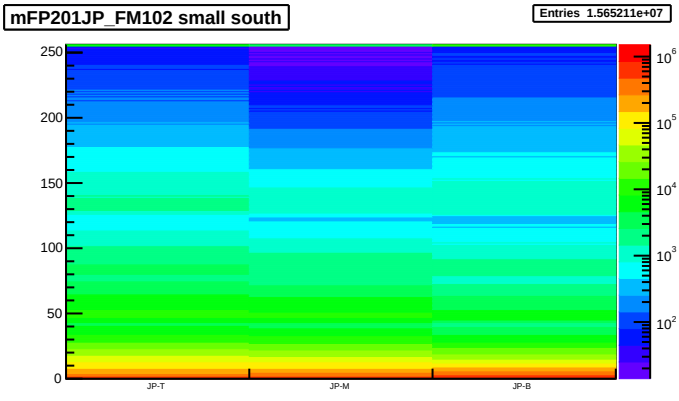

mFP201BSsim_FM103 large north
Entries 5566845
1067
295496
1810
298077
1.25786e+06
1.28529e+06
321248
1.65971e+06
446290
BS3
BS2
BS1-T
BS1-M
BS1-B

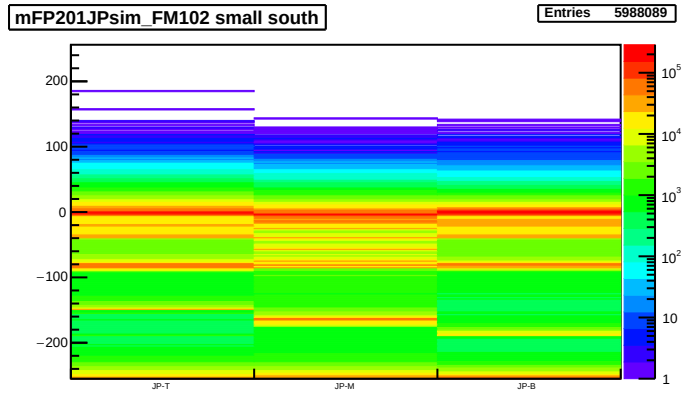

mFP201BS_FM104 large south
Entries 2.608684e+07
182694
407739
496786
736759
621003
5.03468e+06
4.80963e+06
4.72058e+06
4.48061e+06
4.59637e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

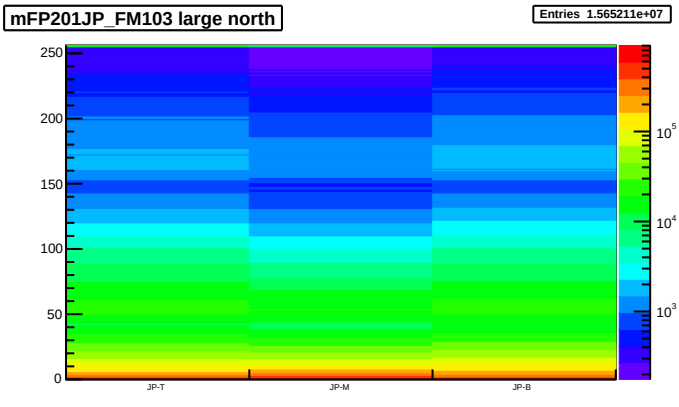

mFP201BSsim_FM104 large south
Entries 5893997
1106
222611
2334
277275
1.29776e+06
1.24385e+06
608052
1.6464e+06
594608
BS3
BS2
BS1-T
BS1-M
BS1-B

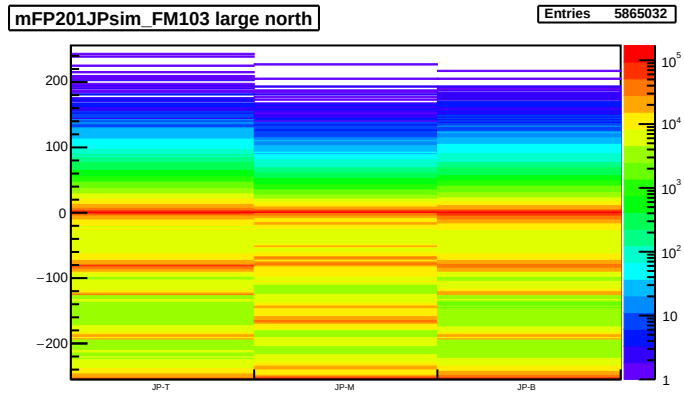

mFP201JP_FM101 small north
Entries 1.565211e+07
JP-T
JP-M
JP-B

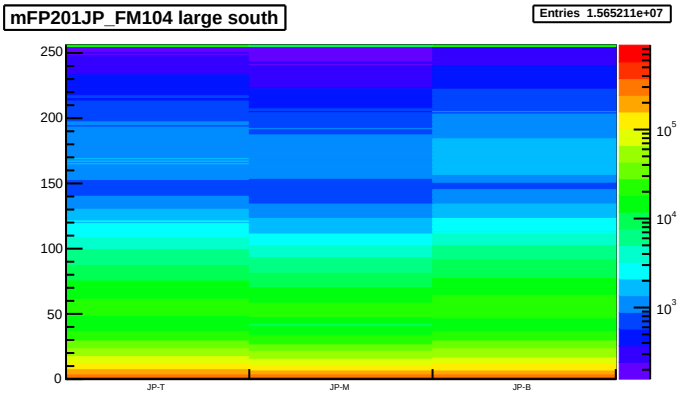

mFP201JPsim_FM101 small north
Entries 5431508
JP-T
JP-M
JP-B

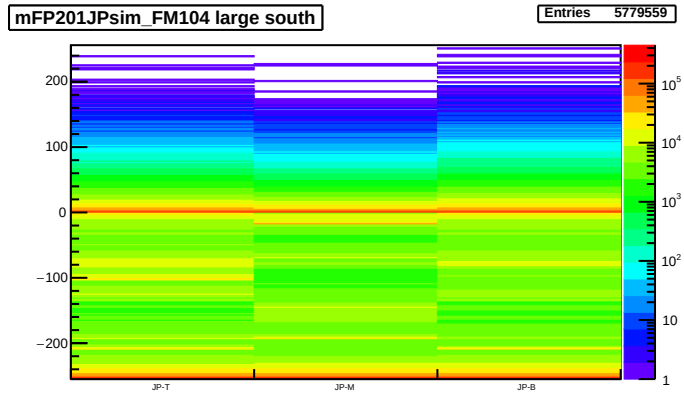

mFP201JP_FM102 small south
Entries 1.565211e+07
JP-T
JP-M
JP-B

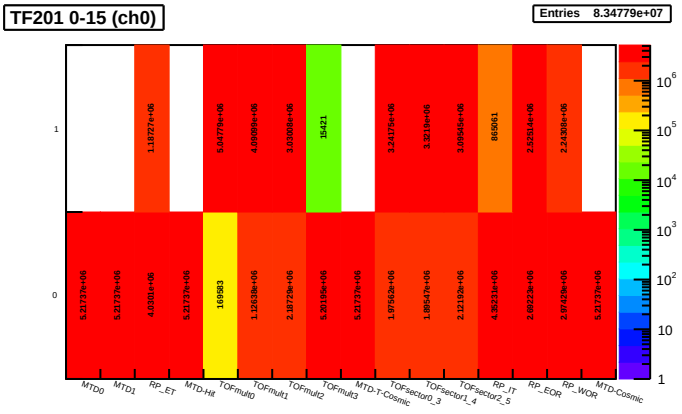

mFP201JPsim_FM102 small south
Entries 5988089
JP-T
JP-M
JP-B

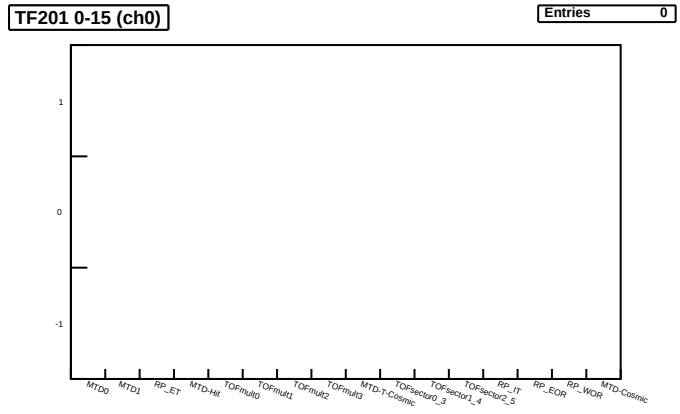

mFP201JP_FM103 large north
Entries 1.565211e+07
JP-T
JP-M
JP-B

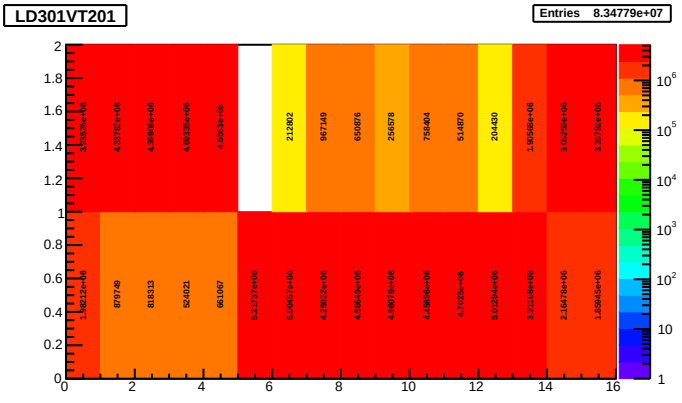

mFP201JPsim_FM103 large north
Entries 5865032
JP-T
JP-M
JP-B

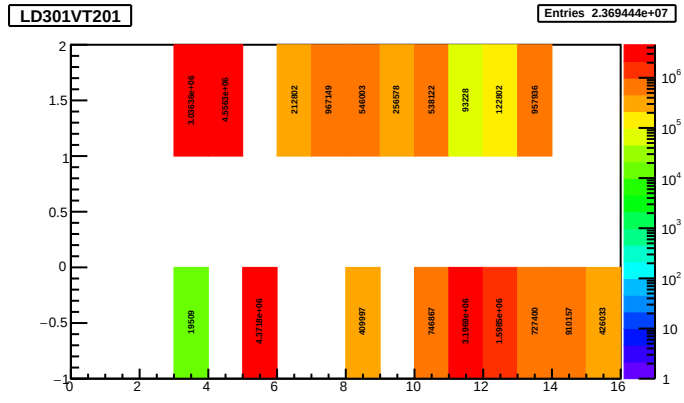

mFP201JP_FM104 large south
Entries 1.565211e+07
JP-T
JP-M
JP-B

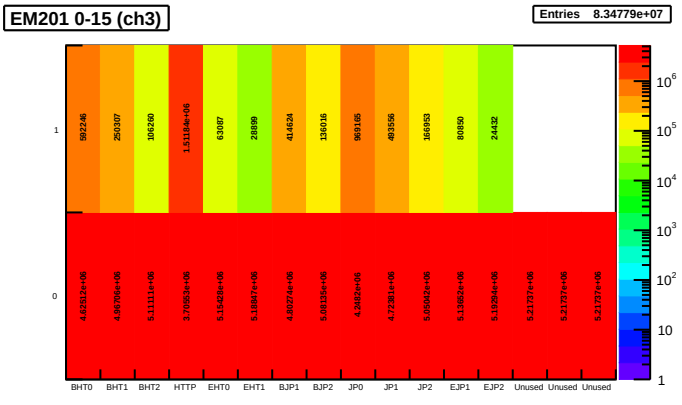

mFP201JPsim_FM104 large south
Entries 5779559
JP-T
JP-M
JP-B


TF201 0-15 (ch0)
Entries 8.34779e+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 8.34779e+07


LD301VT201
Entries 2.369444e+07


EM201 0-15 (ch3)
Entries 8.34779e+07
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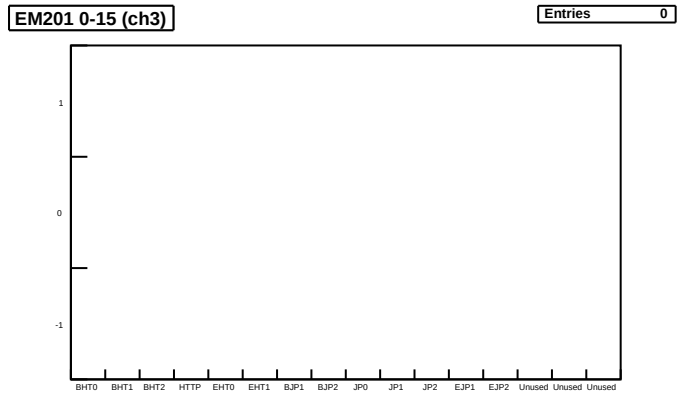
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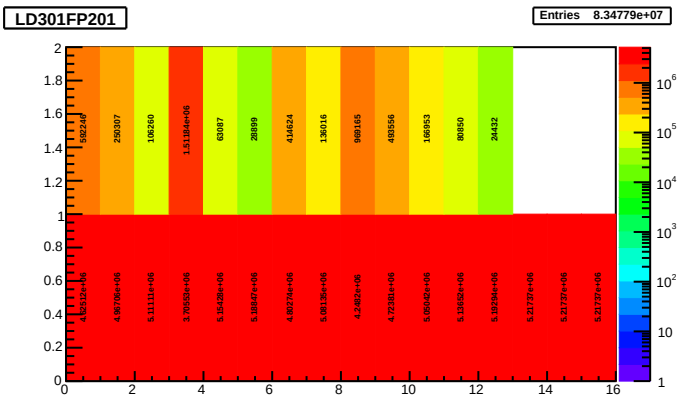
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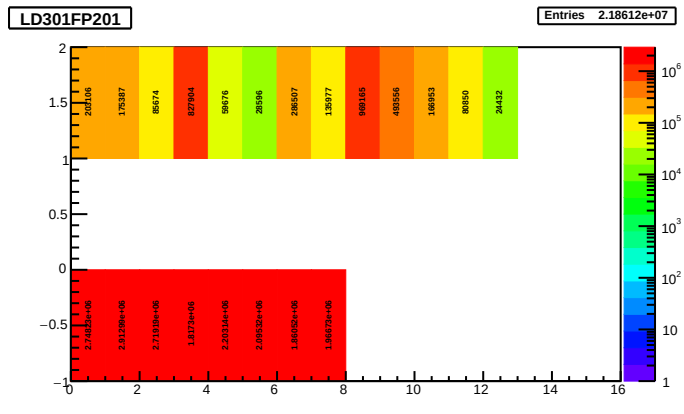
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