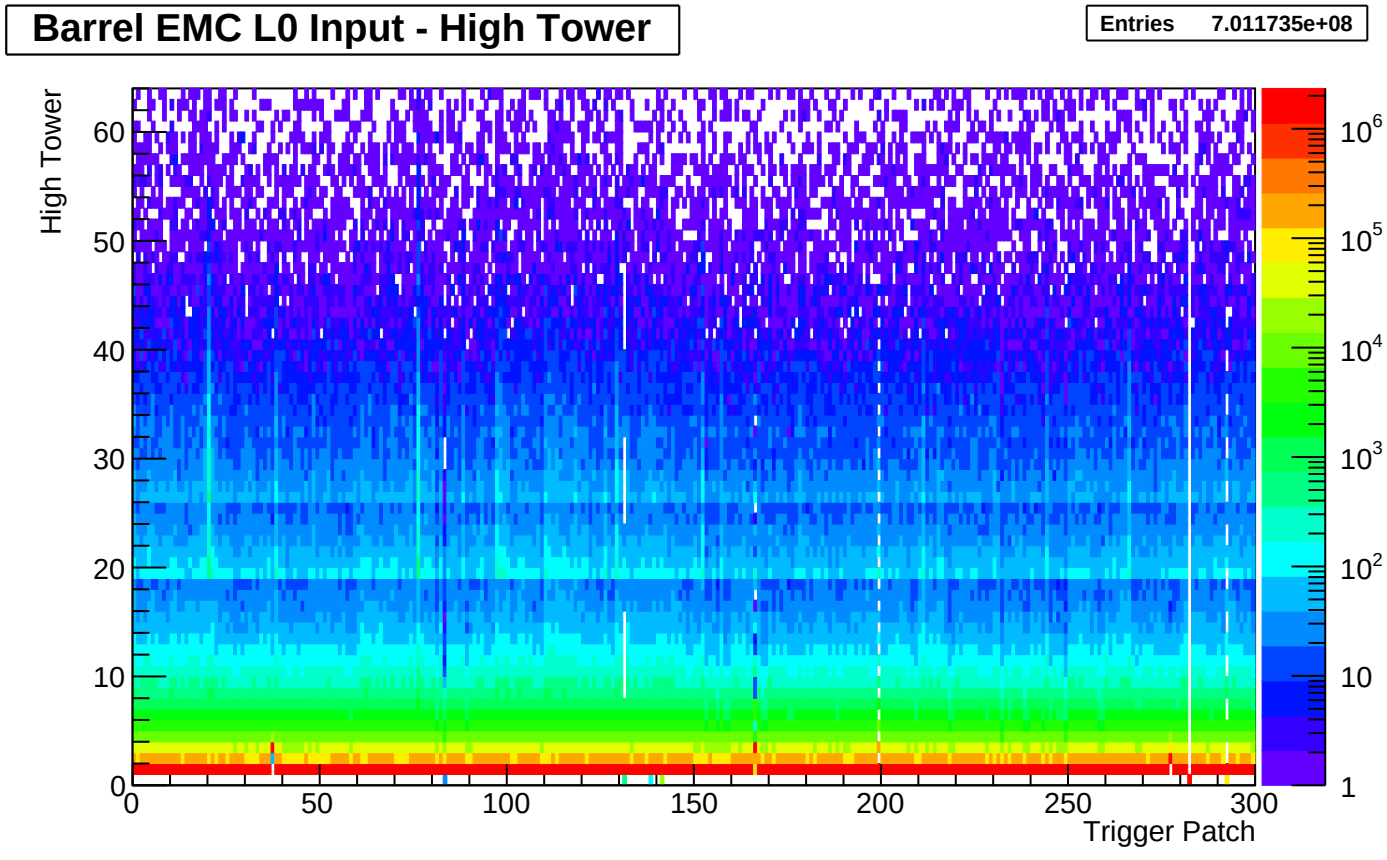
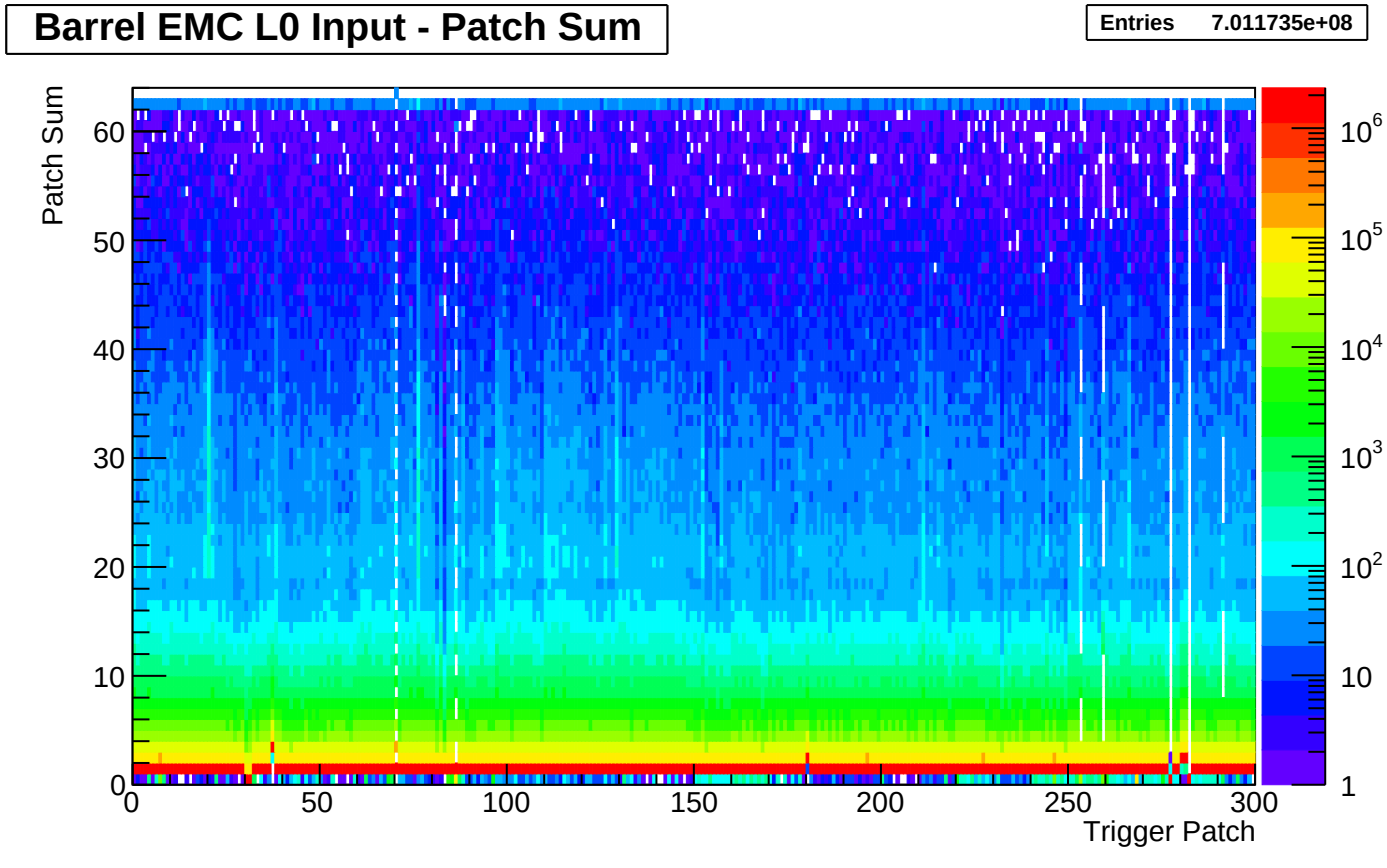
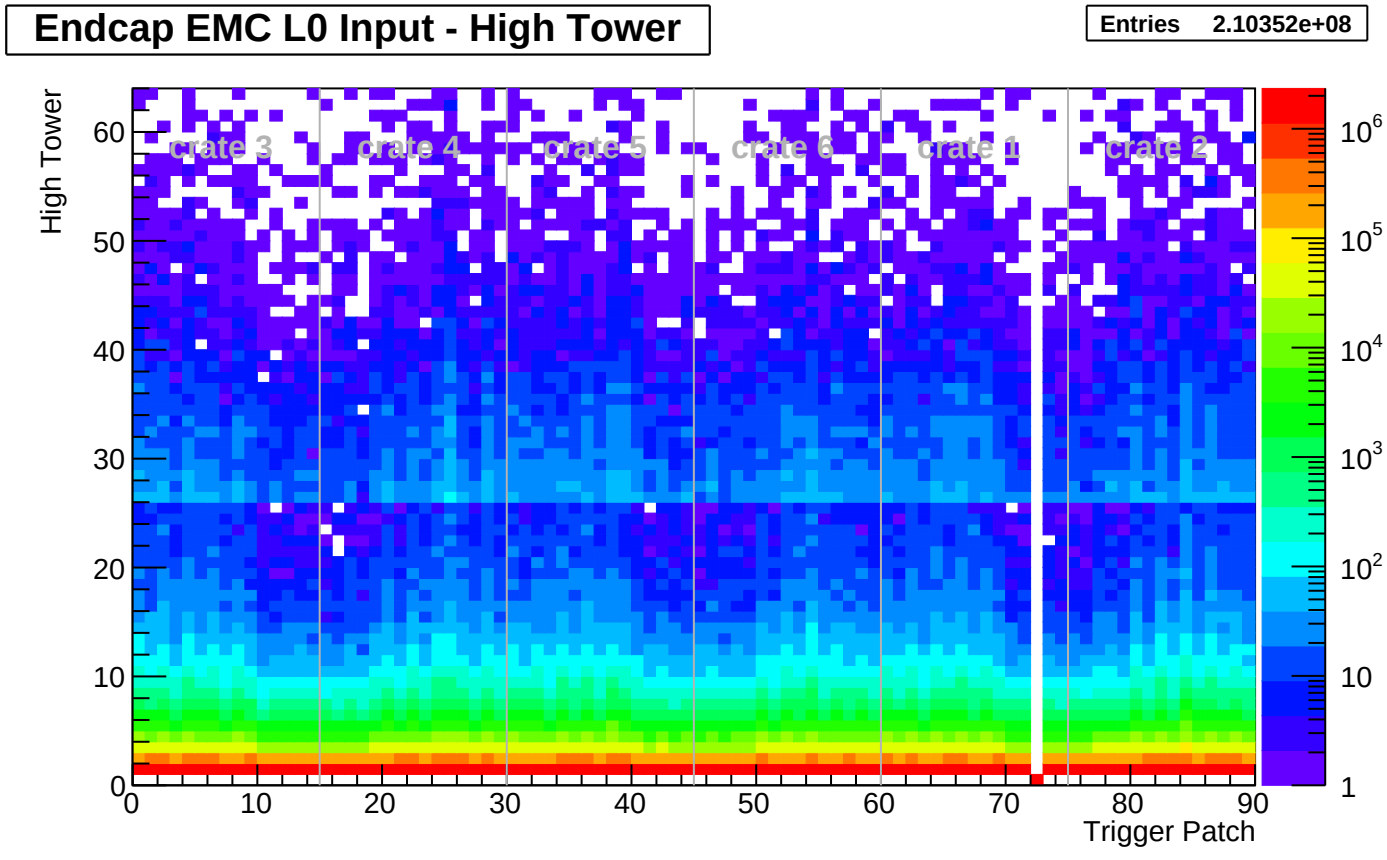
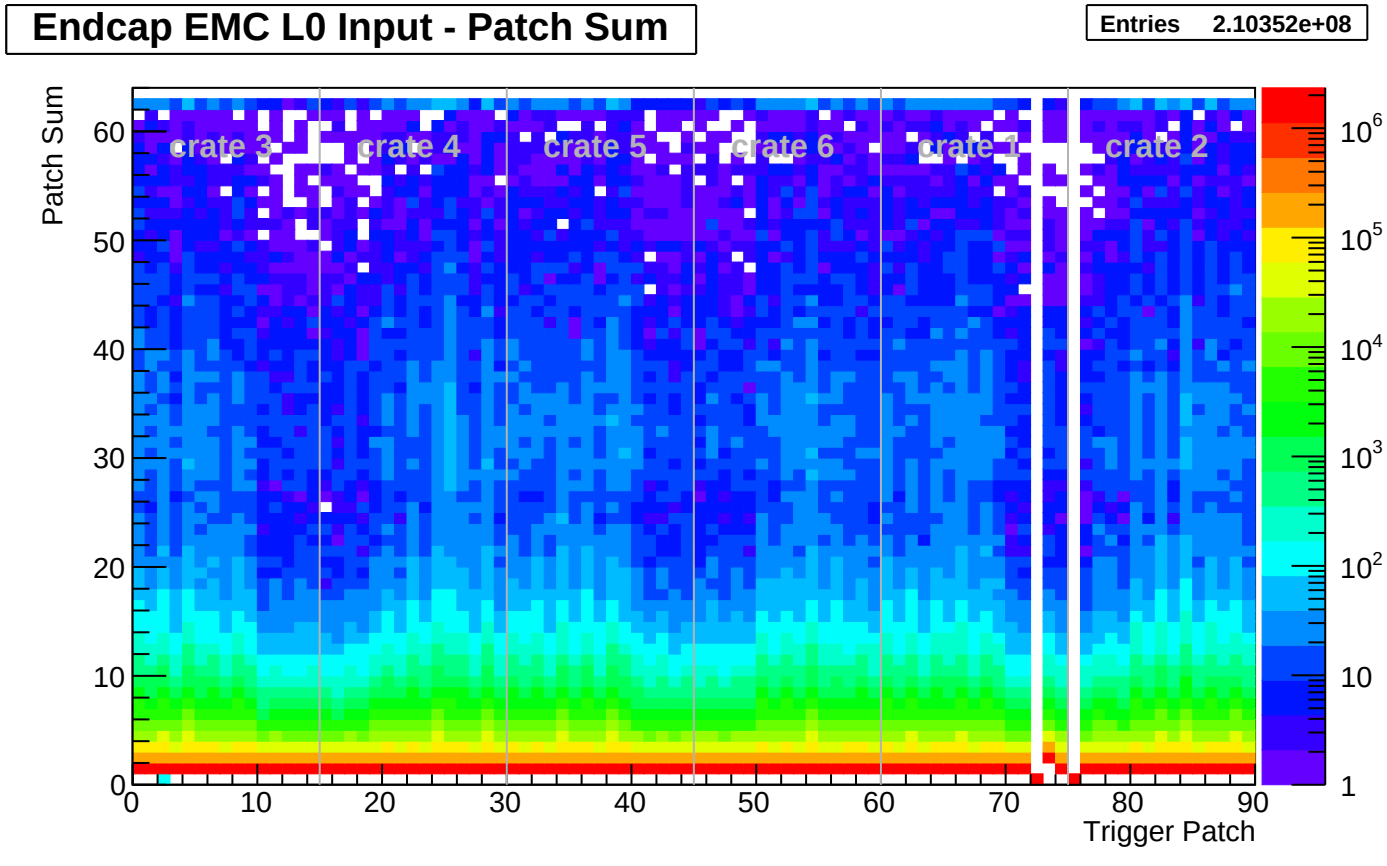
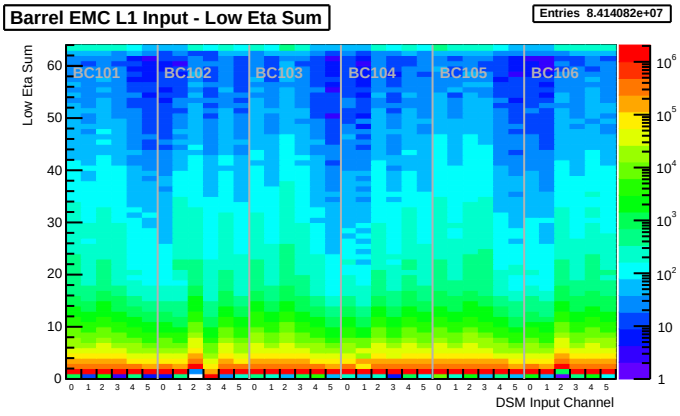
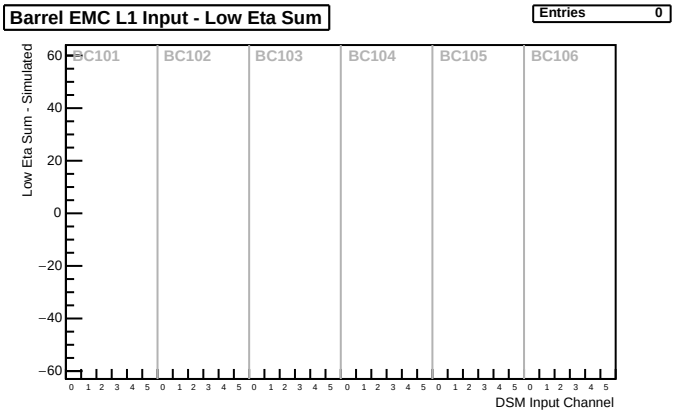

Barrel EMC L0 Input - High Tower
Entries 7.011735e+08
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

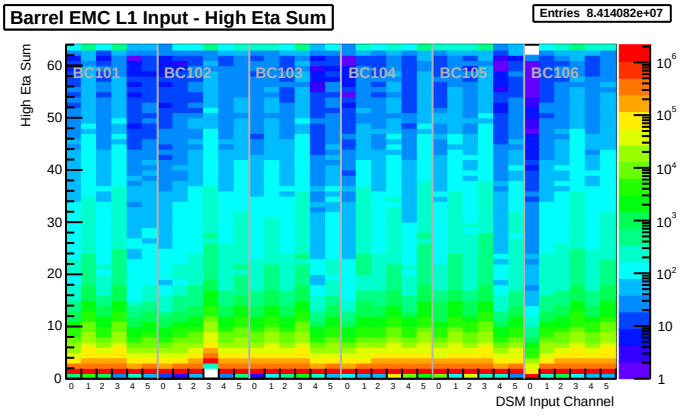

Barrel EMC L0 Input - Patch Sum
Entries 7.011735e+08
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

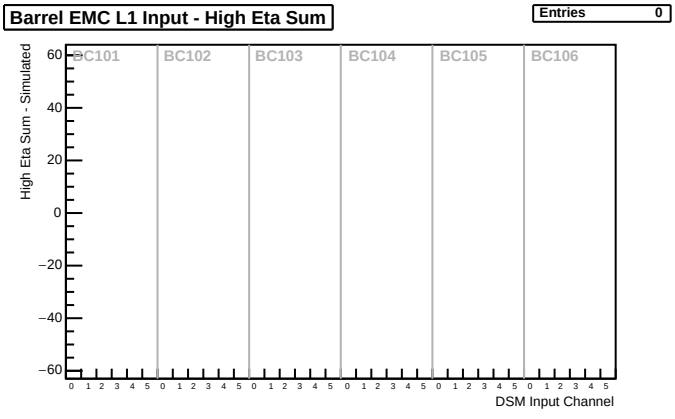

Endcap EMC L0 Input - High Tower
Entries 2.10352e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

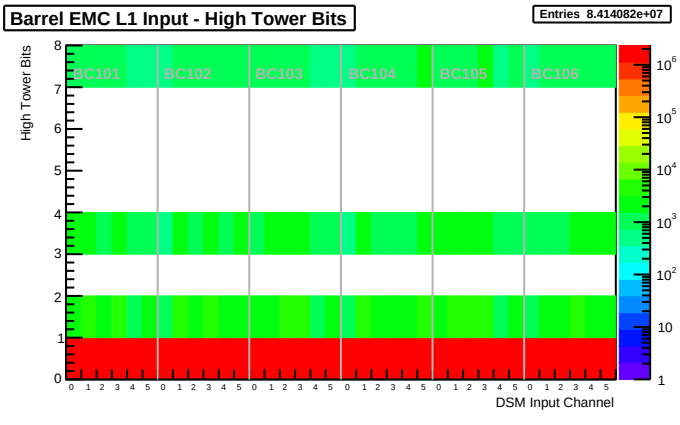

Endcap EMC L0 Input - Patch Sum
Entries 2.10352e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

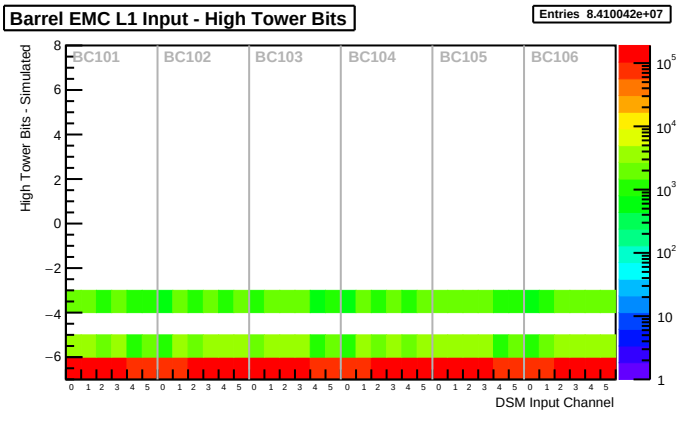

Barrel EMC L1 Input - Low Eta Sum
Entries 8.414082e+07
Low Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

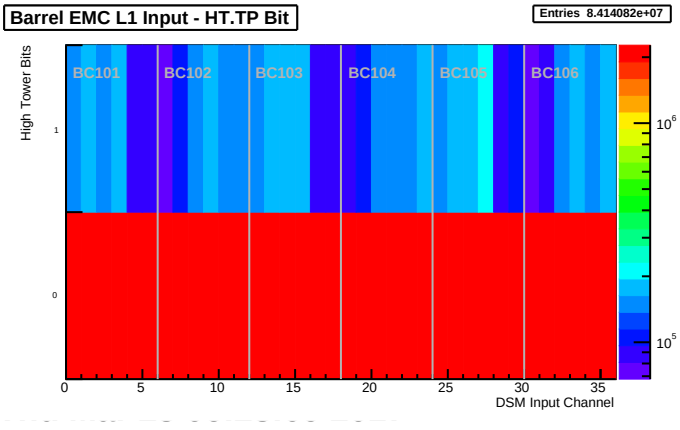

Barrel EMC L1 Input - Low Eta Sum
Entries 0
Low Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

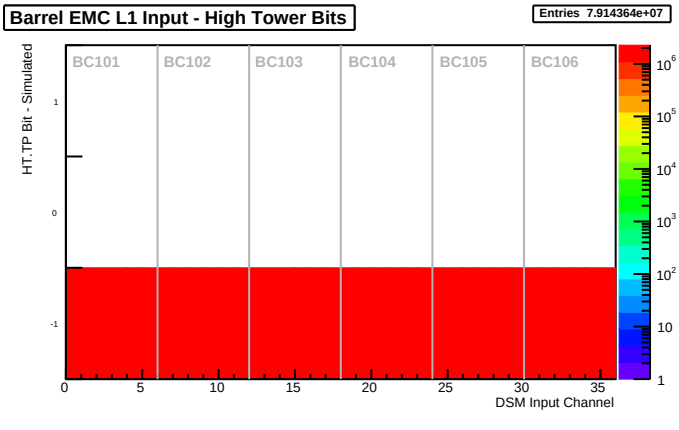

Barrel EMC L1 Input - High Eta Sum
Entries 8.414082e+07
High Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

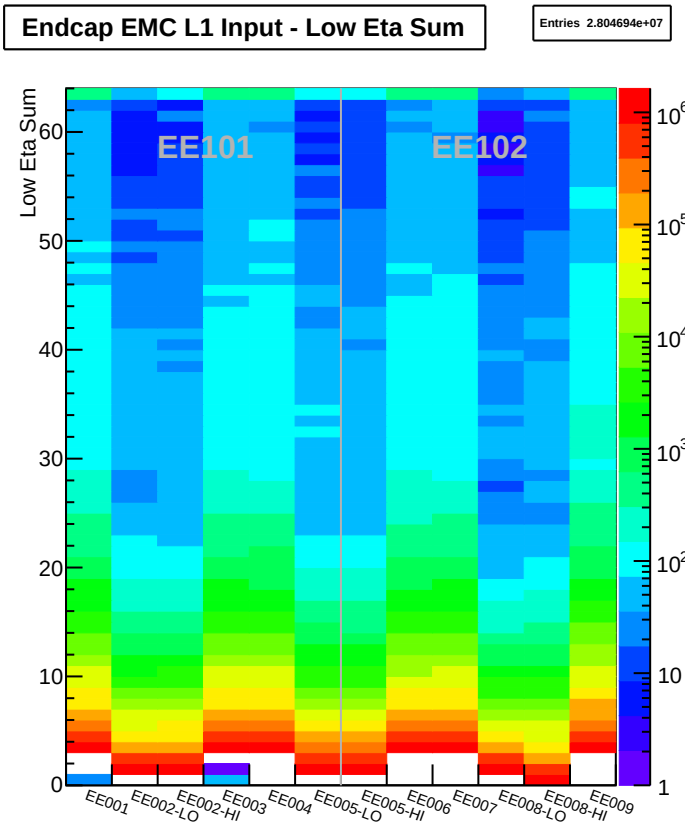

Barrel EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

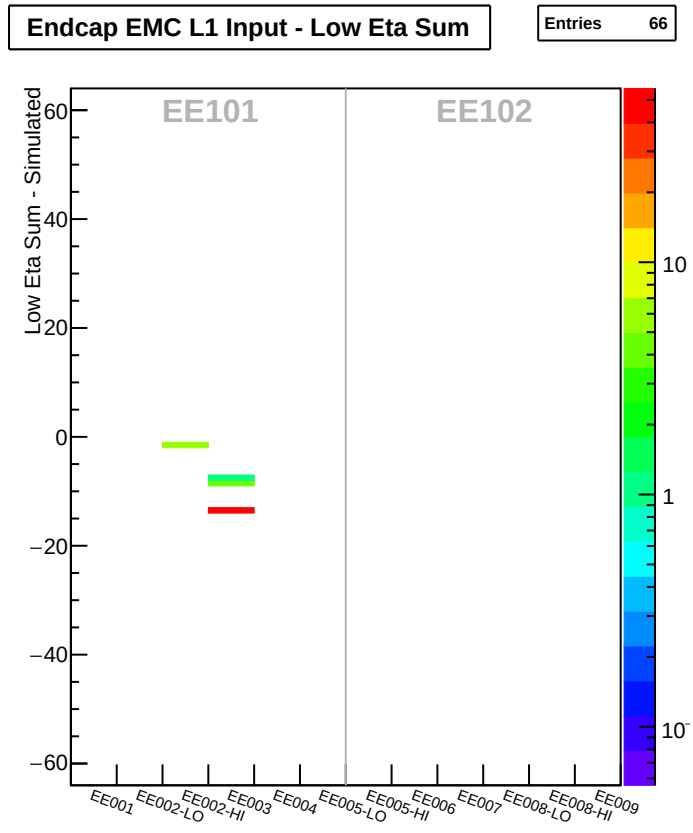

Barrel EMC L1 Input - High Tower Bits
Entries 8.414082e+07
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

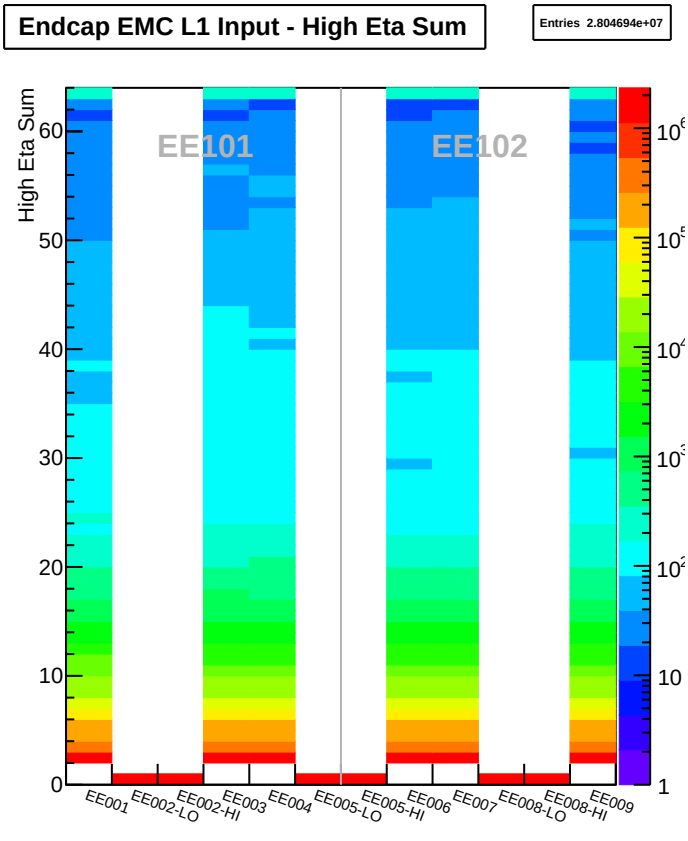

Barrel EMC L1 Input - High Tower Bits
Entries 8.410042e+07
High Tower Bits - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

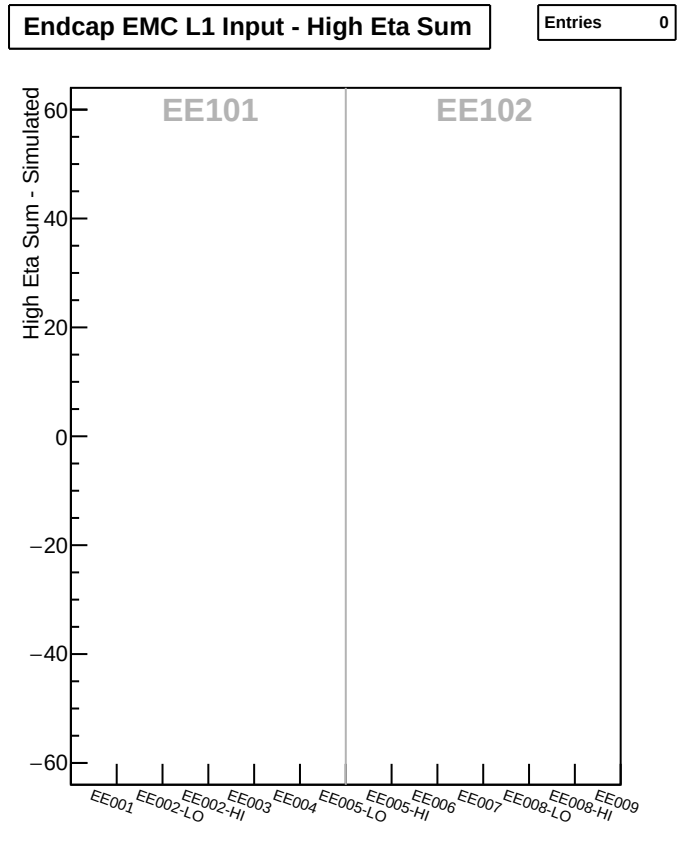

Barrel EMC L1 Input - HT.TP Bit
Entries 8.414082e+07
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

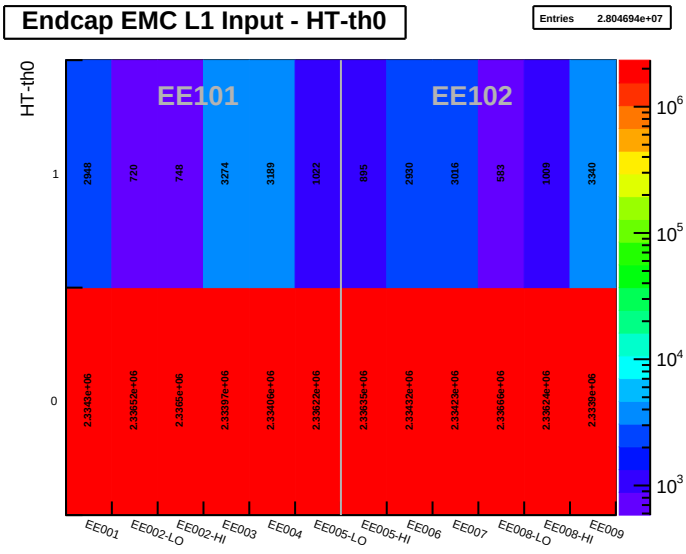

Barrel EMC L1 Input - High Tower Bits
Entries 7.914364e+07
HT.TP Bit - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

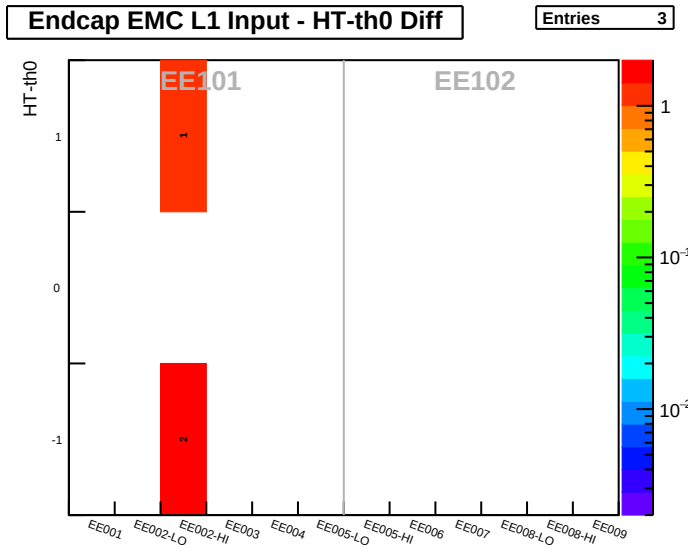

Endcap EMC L1 Input - Low Eta Sum
Entries 2.804694e+07
Low Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

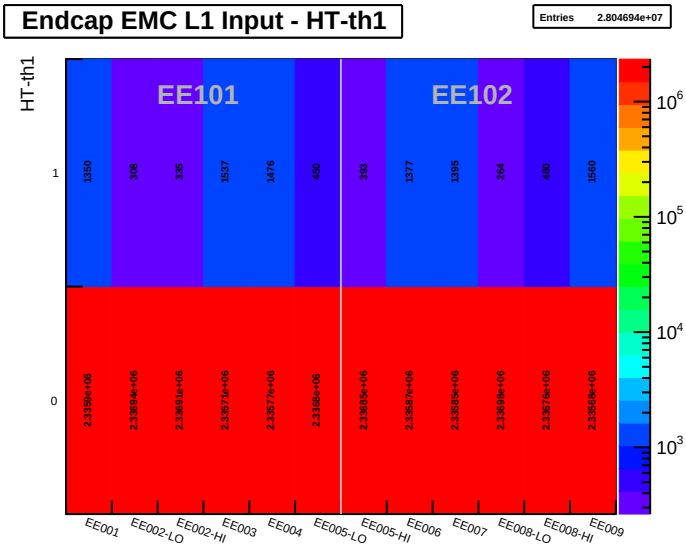

Endcap EMC L1 Input - Low Eta Sum
Entries 66
Low Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

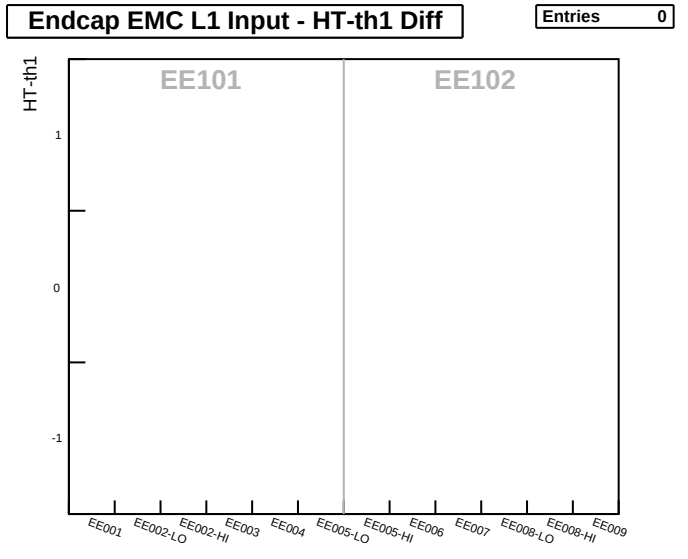

Endcap EMC L1 Input - High Eta Sum
Entries 2.804694e+07
High Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

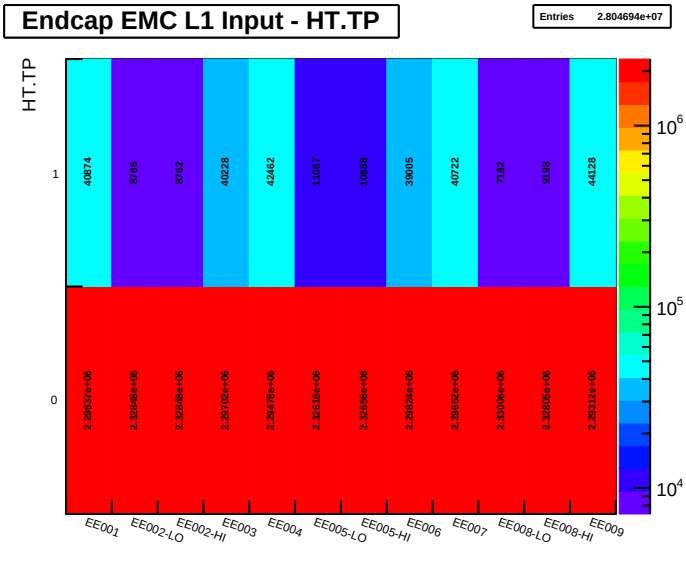

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

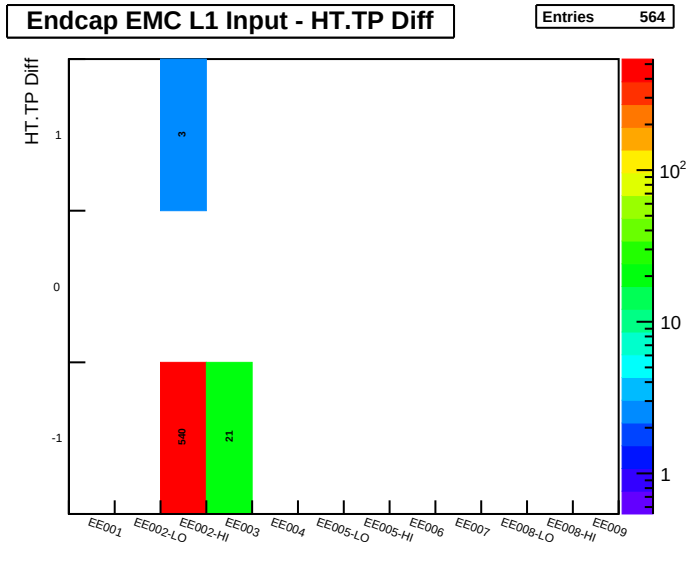

Endcap EMC L1 Input - HT-th0
Entries 2.804694e+07
HT-th0
EE101
EE102
1
0
2948 720 748 3274 3189 1022 395 2930 3016 583 1009 3340
2.33430e+06 2.33652e+06 2.33656e+06 2.33397e+06 2.33406e+06 2.33822e+06 2.33635e+06 2.33432e+06 2.33423e+06 2.33666e+06 2.33824e+06 2.33391e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
10^6
10^5
10^4
10^3

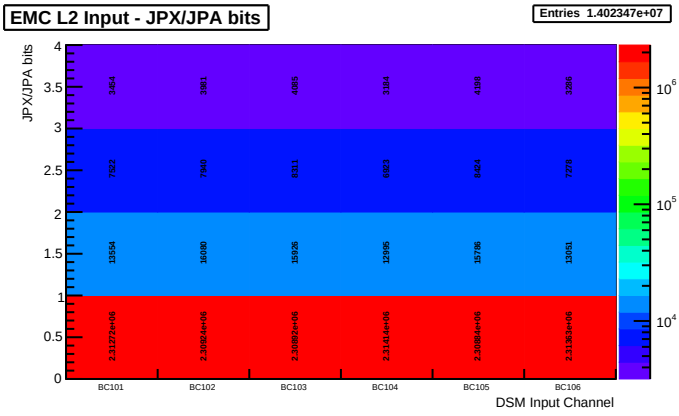

Endcap EMC L1 Input - HT-th0 Diff
Entries 3
HT-th0
EE101
EE102
1
0
-1
1
2
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
1

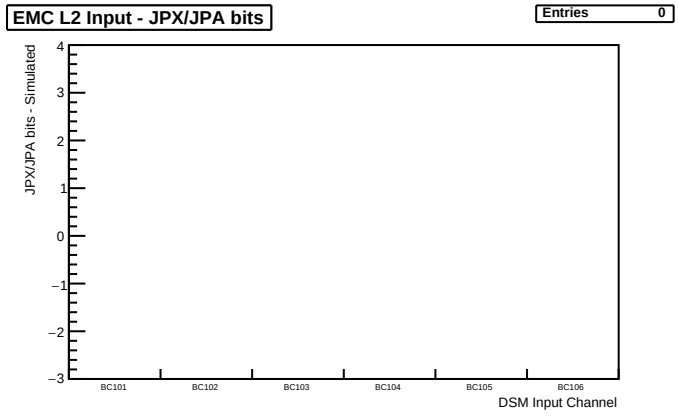

Endcap EMC L1 Input - HT-th1
Entries 2.804694e+07
HT-th1
EE101
EE102
1
0
1350 308 335 1537 1476 450 393 1377 1395 264 480 1560
2.33591e+06 2.33694e+06 2.33691e+06 2.33571e+06 2.33577e+06 2.33681e+06 2.33685e+06 2.33597e+06 2.33595e+06 2.33698e+06 2.33676e+06 2.33668e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
10^6
10^5
10^4
10^3

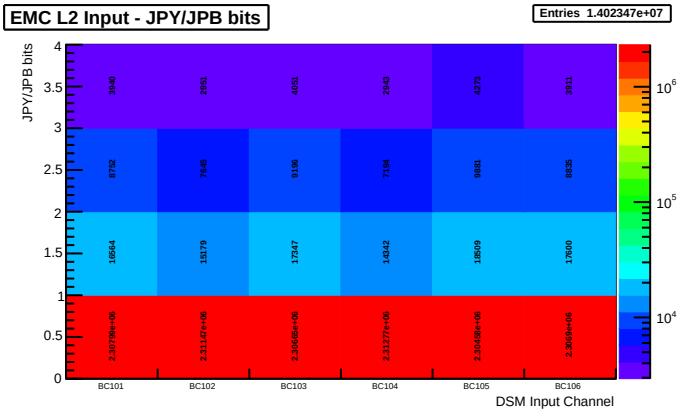

Endcap EMC L1 Input - HT-th1 Diff
Entries 0
HT-th1
EE101
EE102
1
0
-1
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

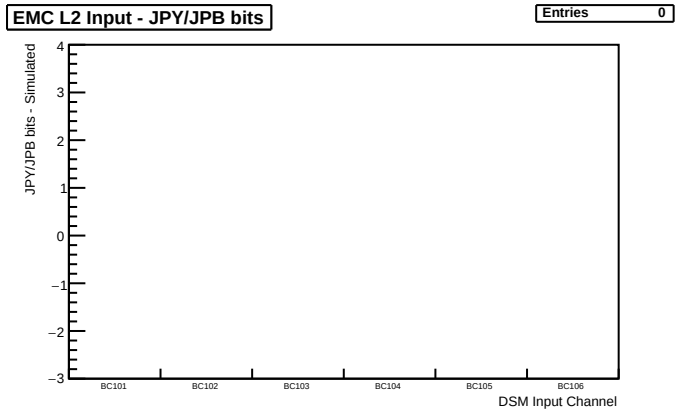

Endcap EMC L1 Input - HT.TP
Entries 2.804694e+07
HT.TP
1
0
40874 8765 8762 40228 42462 11067 10688 39005 40722 7182 9198 44128
2.29537e+06 2.32848e+06 2.32848e+06 2.29702e+06 2.29478e+06 2.32618e+06 2.32658e+06 2.29824e+06 2.29652e+06 2.33006e+06 2.32805e+06 2.29312e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
10^6
10^5
10^4

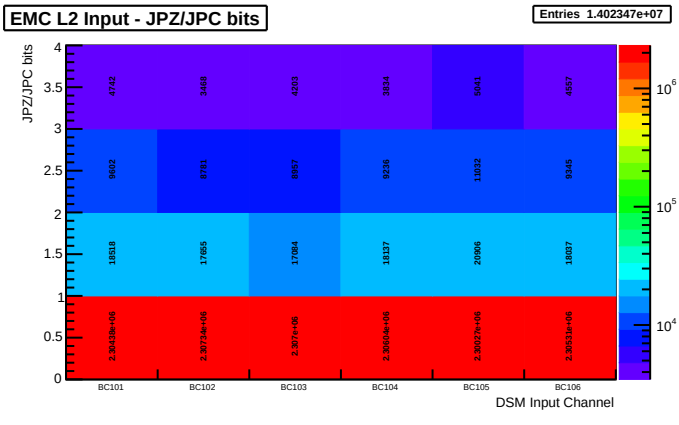

Endcap EMC L1 Input - HT.TP Diff
Entries 564
HT.TP Diff
1
0
-1
3
540
21
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009
10^2
10
1

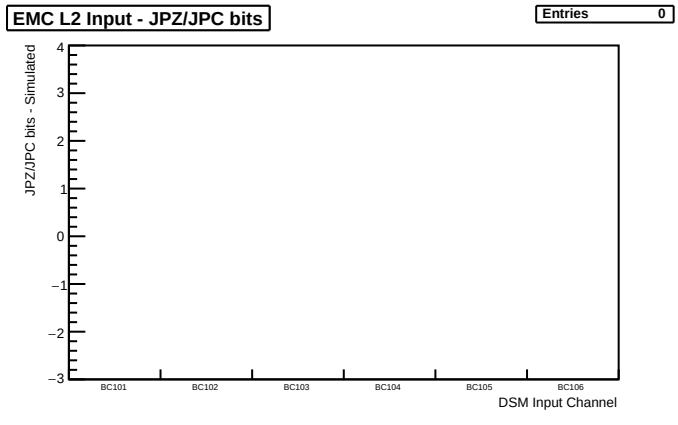

EMC L2 Input - JPX/JPA bits
Entries 1.402347e+07
JPX/JPA bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
3454
3981
4085
3184
4138
3206
7522
7940
8311
6923
8424
7278
13354
16080
15926
12995
15786
13051
2.31272e+06
2.30924e+06
2.30892e+06
2.31414e+06
2.30884e+06
2.31363e+06

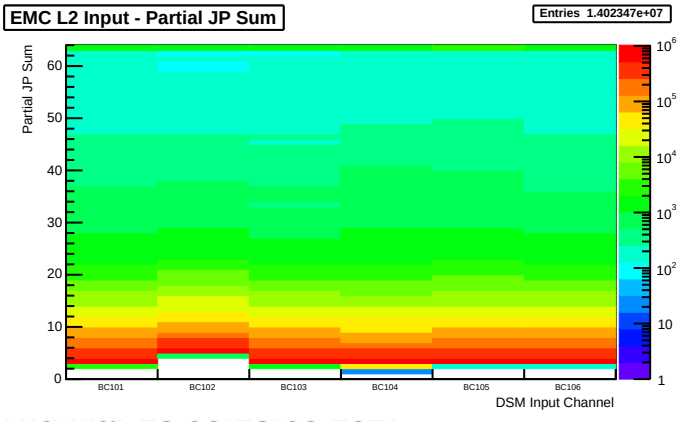

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

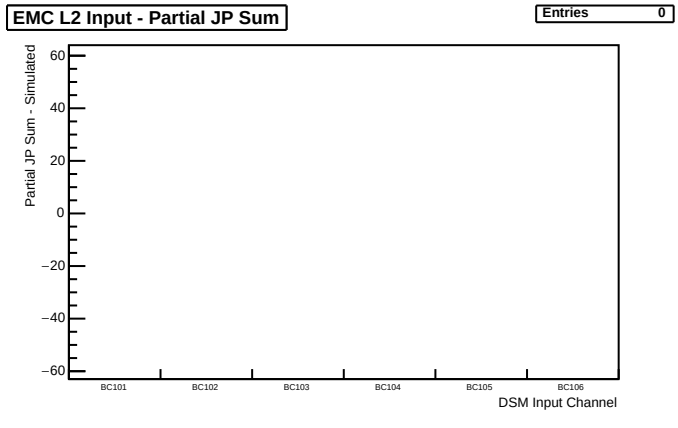

EMC L2 Input - JPY/JPB bits
Entries 1.402347e+07
JPY/JPB bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
3940
2951
4051
2543
4273
3911
8752
7445
9196
7194
9881
8835
16564
15179
17347
14342
18509
17600
2.30799e+06
2.31147e+06
2.30565e+06
2.31277e+06
2.30458e+06
2.3069e+06

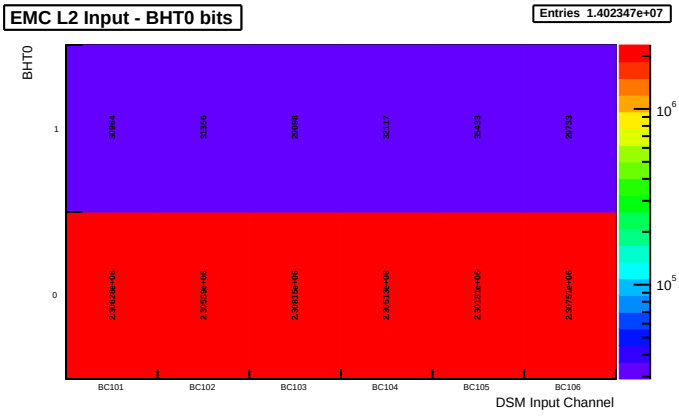

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

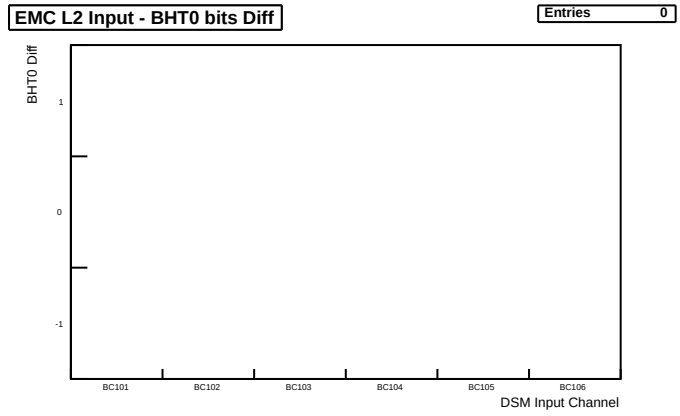

EMC L2 Input - JPZ/JPC bits
Entries 1.402347e+07
JPZ/JPC bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
4742
3468
4203
3824
5041
4557
9602
9731
8857
9236
11032
9345
18519
17655
17084
18137
20906
18037
2.30438e+06
2.30734e+06
2.307e+06
2.30604e+06
2.30027e+06
2.30531e+06

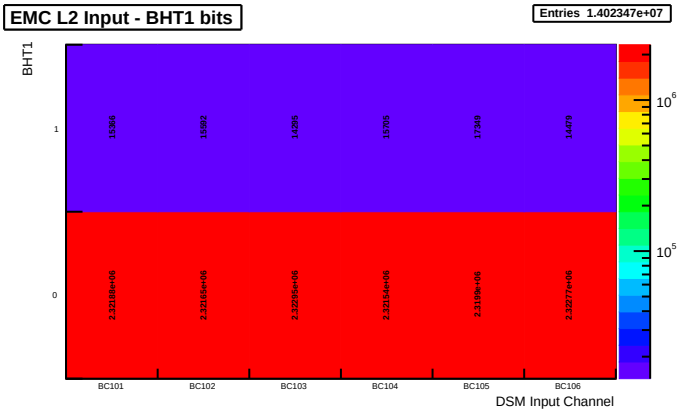

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

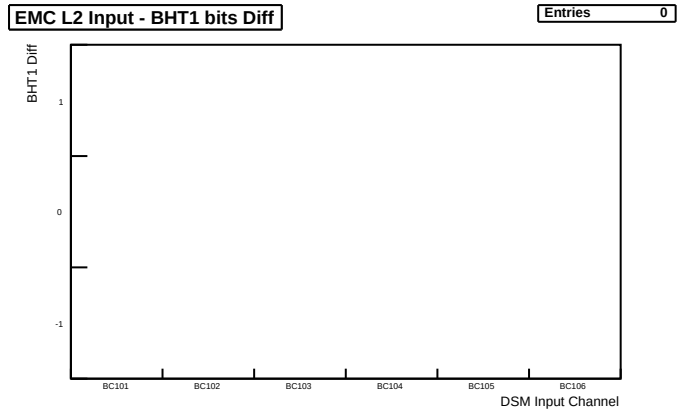

EMC L2 Input - Partial JP Sum
Entries 1.402347e+07
Partial JP Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

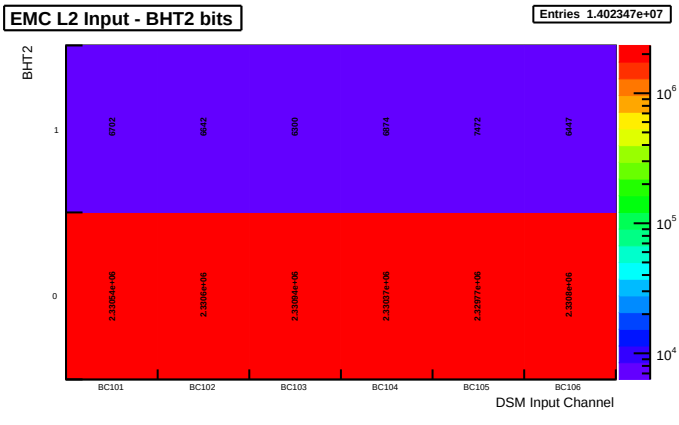

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

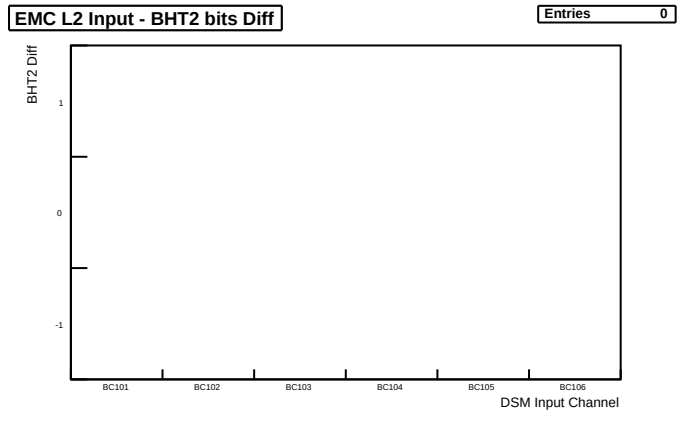

EMC L2 Input - BHT0 bits
Entries 1.402347e+07
BHT0
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

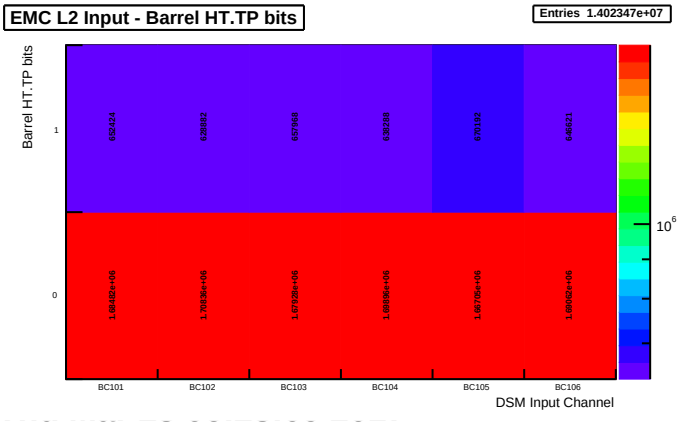

EMC L2 Input - BHT0 bits Diff
Entries 0
BHT0 Diff
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

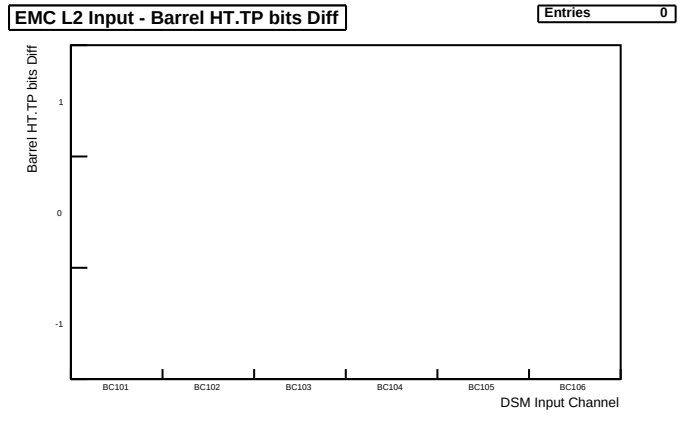

EMC L2 Input - BHT1 bits
Entries 1.402347e+07
BHT1
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

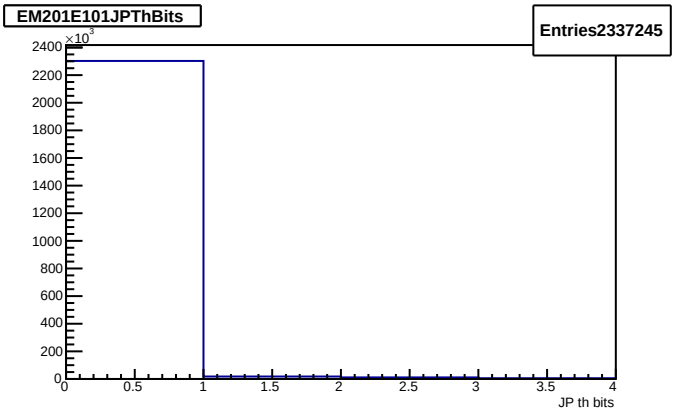

EMC L2 Input - BHT1 bits Diff
Entries 0
BHT1 Diff
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

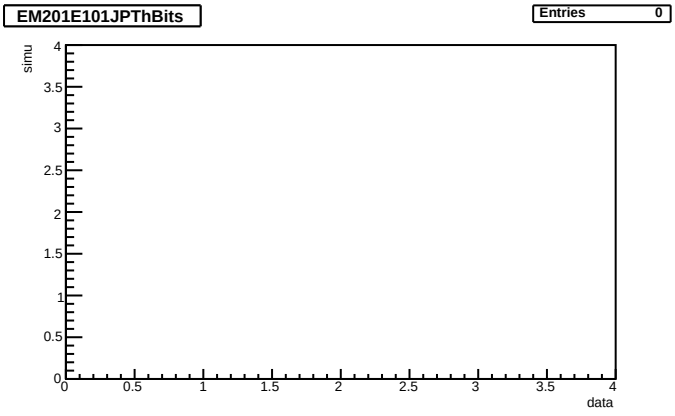

EMC L2 Input - BHT2 bits
Entries 1.402347e+07
BHT2
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

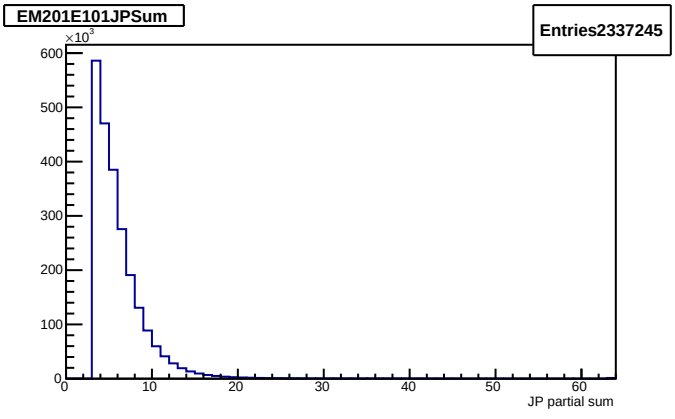

EMC L2 Input - BHT2 bits Diff
Entries 0
BHT2 Diff
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

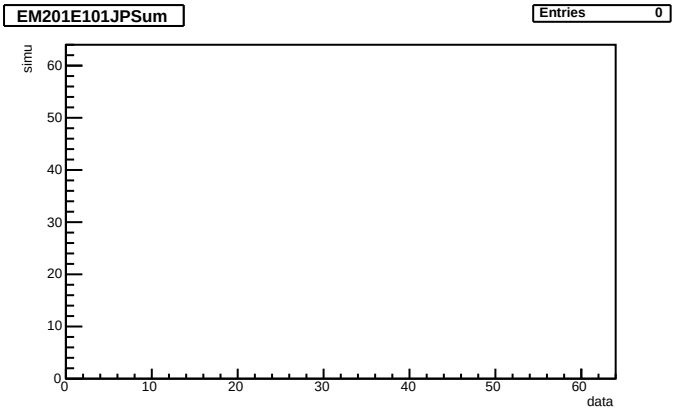

EMC L2 Input - Barrel HT.TP bits
Entries 1.402347e+07
Barrel HT.TP bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

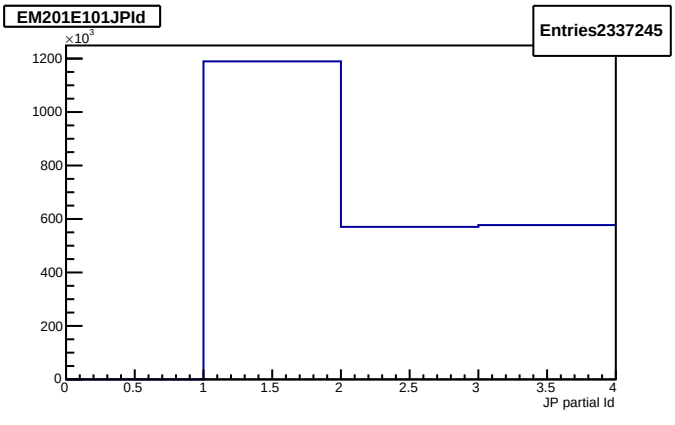

EMC L2 Input - Barrel HT.TP bits Diff
Entries 0
Barrel HT.TP bits Diff
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

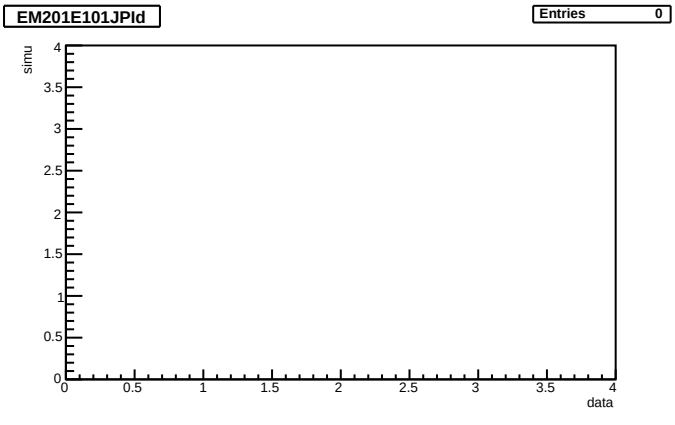

EM201E101JPThBits
Entries2337245
×10^3
JP th bits

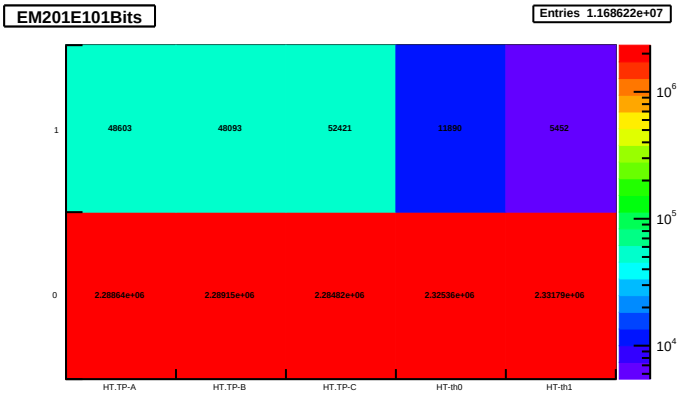

EM201E101JPThBits
Entries 0
simu
data

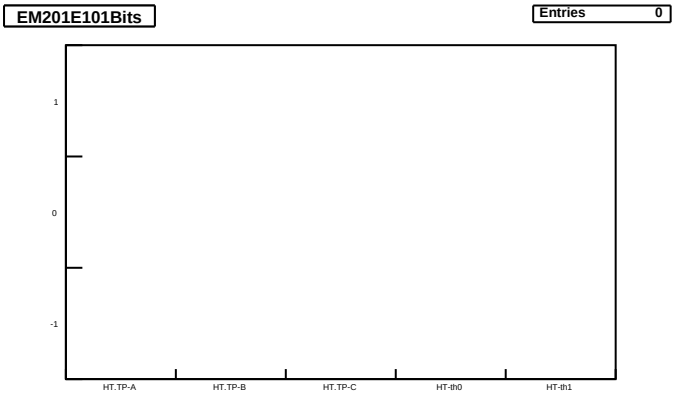

EM201E101JPSum
Entries2337245
×10^3
JP partial sum

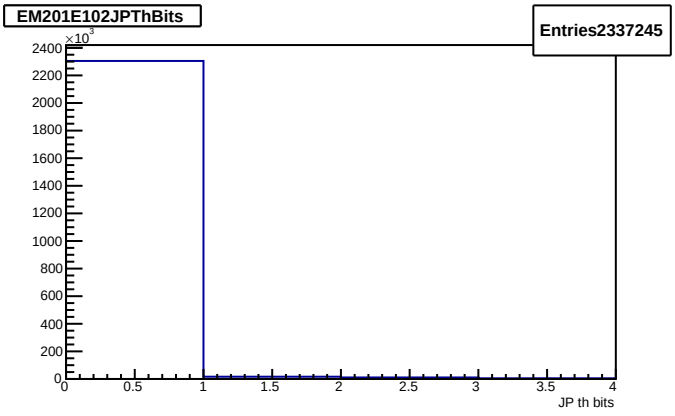

EM201E101JPSum
Entries 0
simu
data

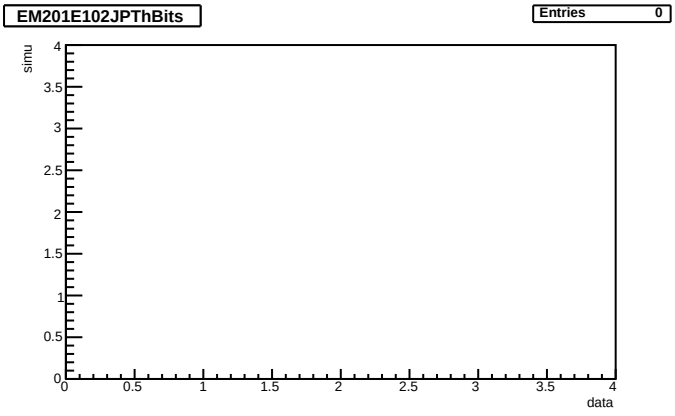

EM201E101JPId
Entries2337245
×10^3
JP partial Id

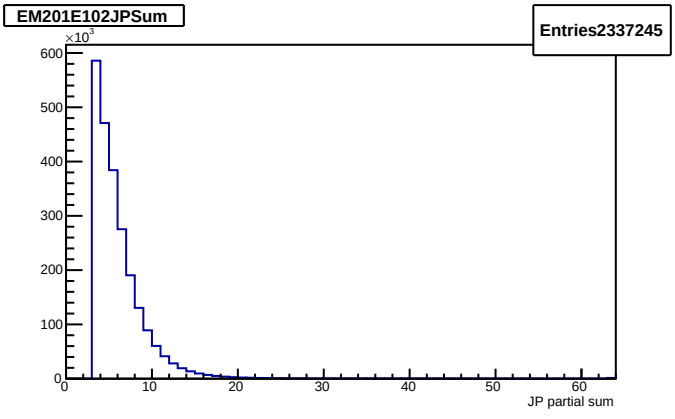

EM201E101JPId
Entries 0
simu
data

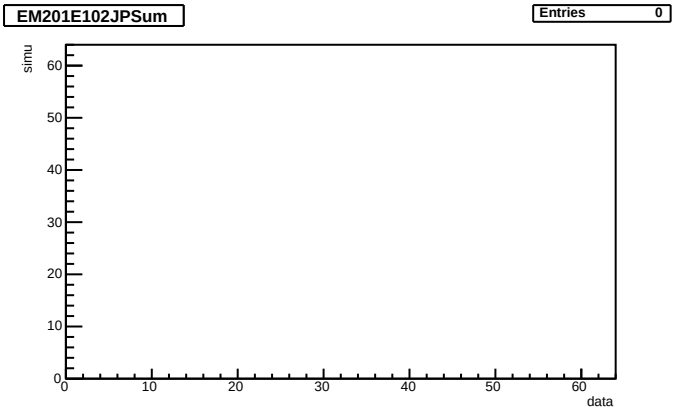

EM201E101Bits
Entries 1.168622e+07
48603
48093
52421
11890
5452
2.28864e+06
2.28915e+06
2.28482e+06
2.32536e+06
2.33179e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

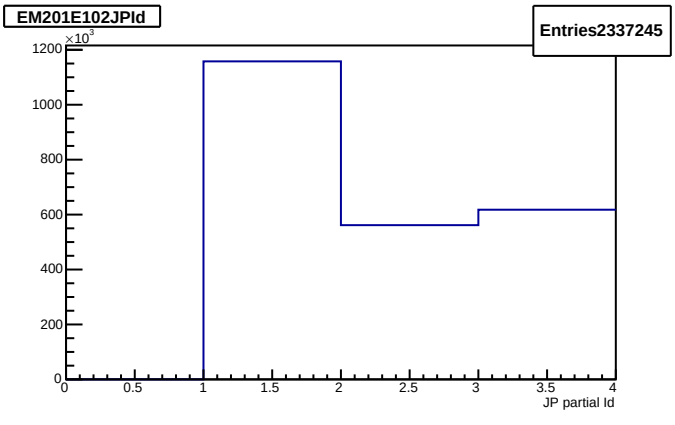

EM201E101Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

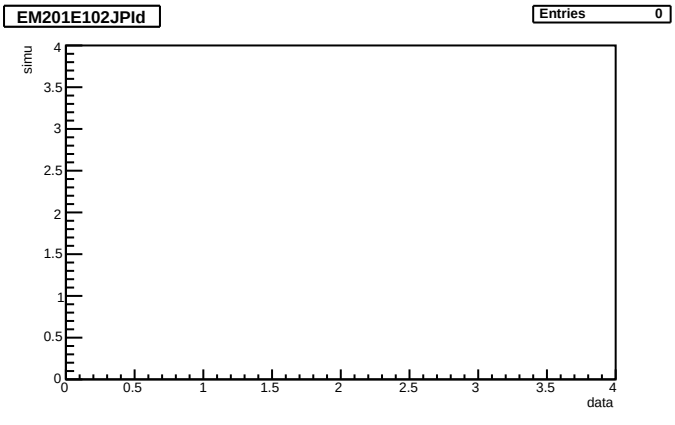

EM201E102JPThBits
Entries2337245
×10^3
JP th bits

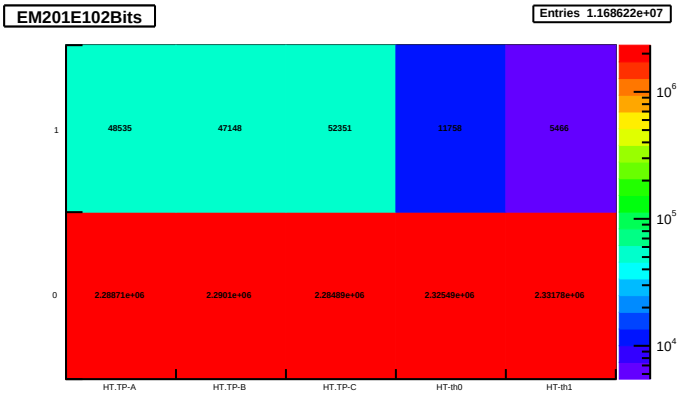

EM201E102JPThBits
Entries 0
simu
data

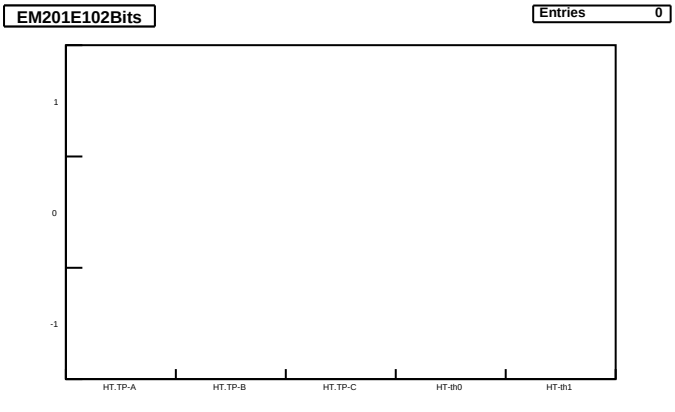

EM201E102JPSum
Entries2337245
×10^3
JP partial sum

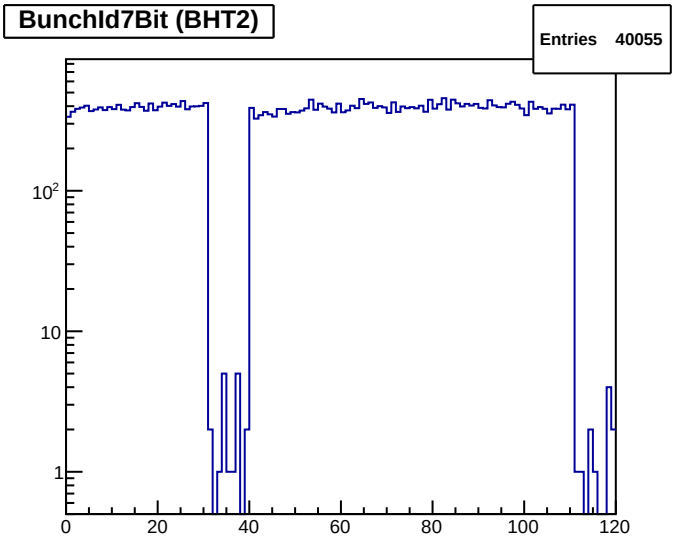

EM201E102JPSum
Entries 0
simu
data

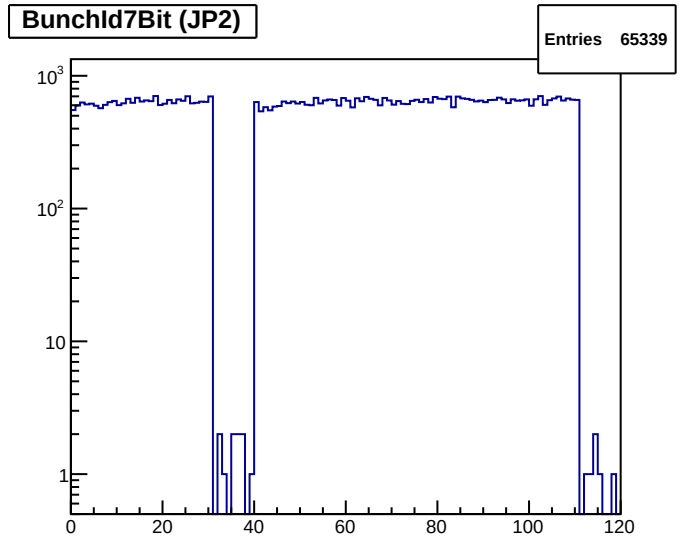

EM201E102JPId
Entries2337245
×10^3
JP partial Id

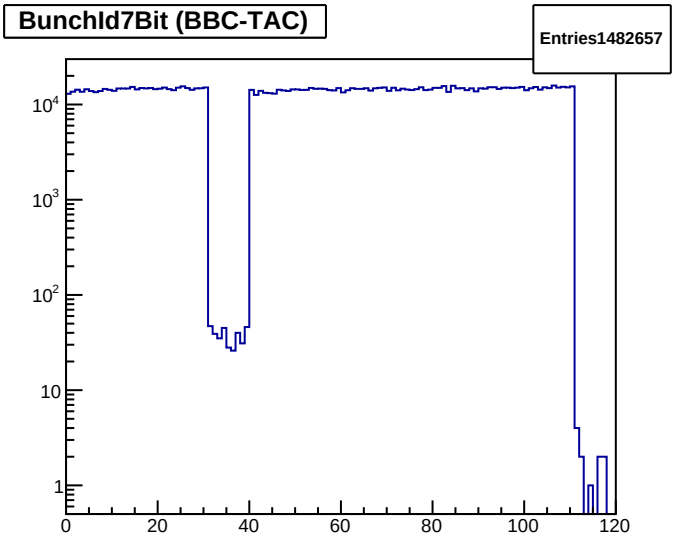

EM201E102JPId
Entries 0
simu
data

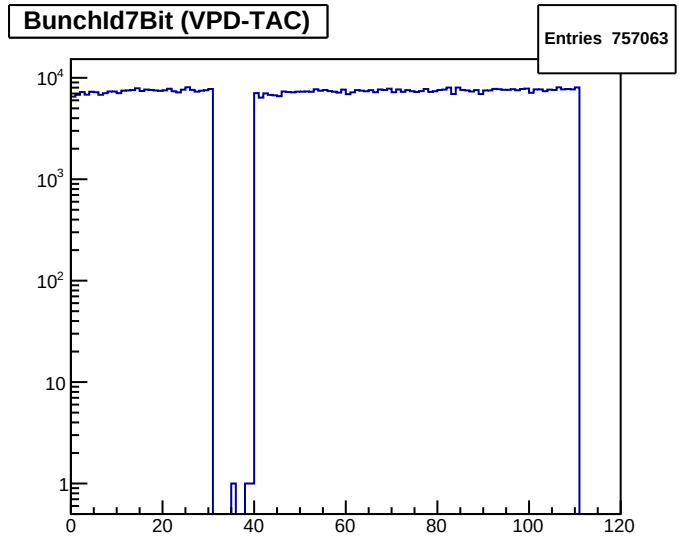

EM201E102Bits
Entries 1.168622e+07
48535
47148
52351
11758
5466
2.28871e+06
2.2901e+06
2.28489e+06
2.32549e+06
2.33178e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

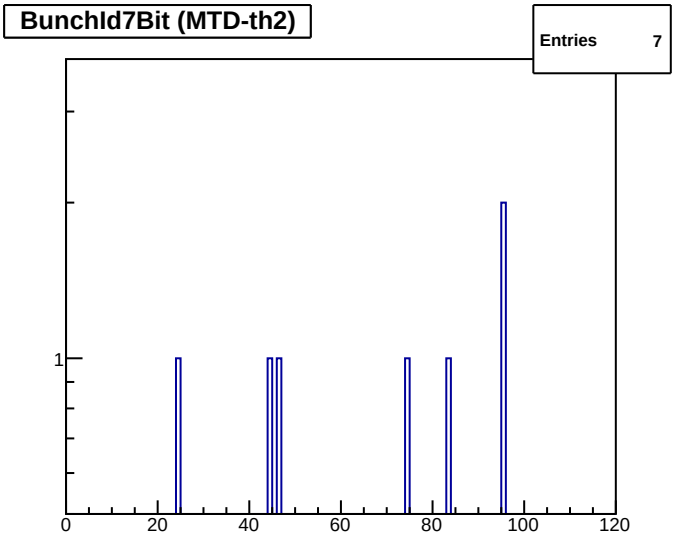

EM201E102Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

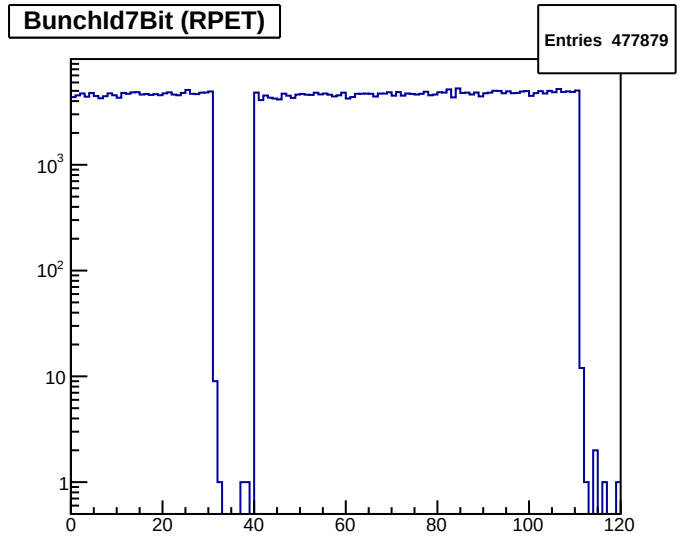

BunchId7Bit (BHT2)
Entries 40055

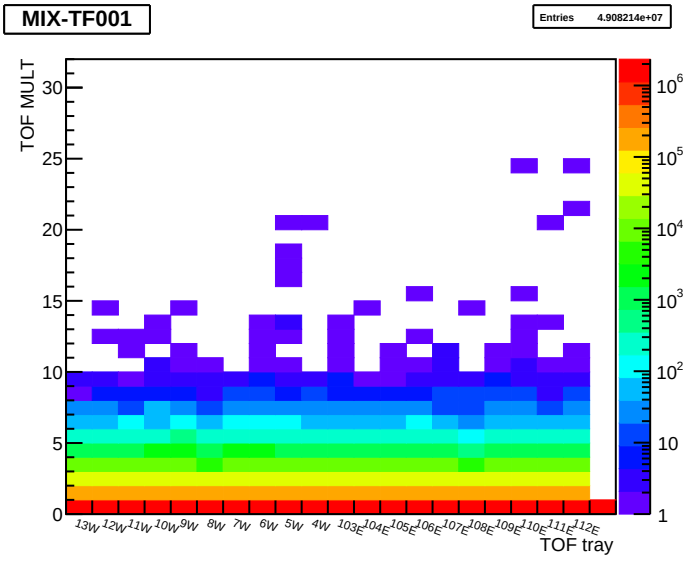

BunchId7Bit (JP2)
Entries 65339

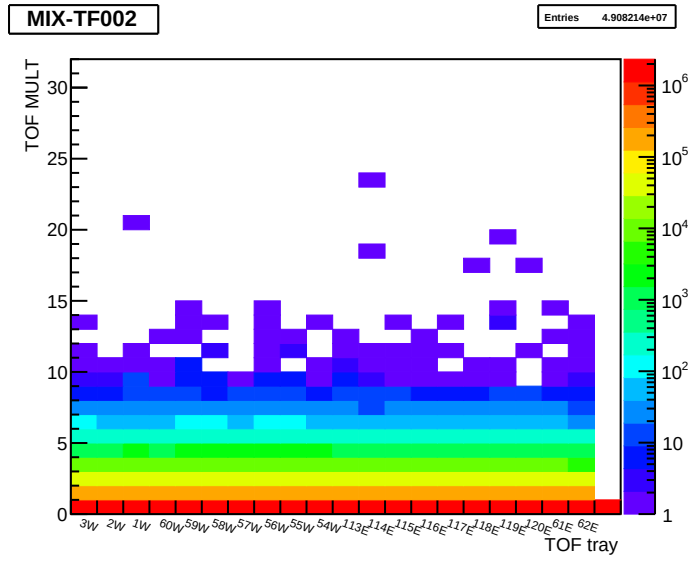

BunchId7Bit (BBC-TAC)
Entries1482657

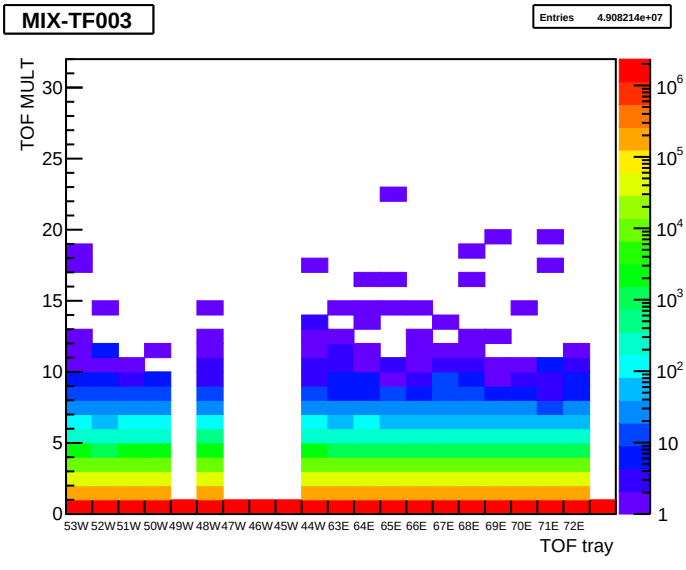

BunchId7Bit (VPD-TAC)
Entries 757063

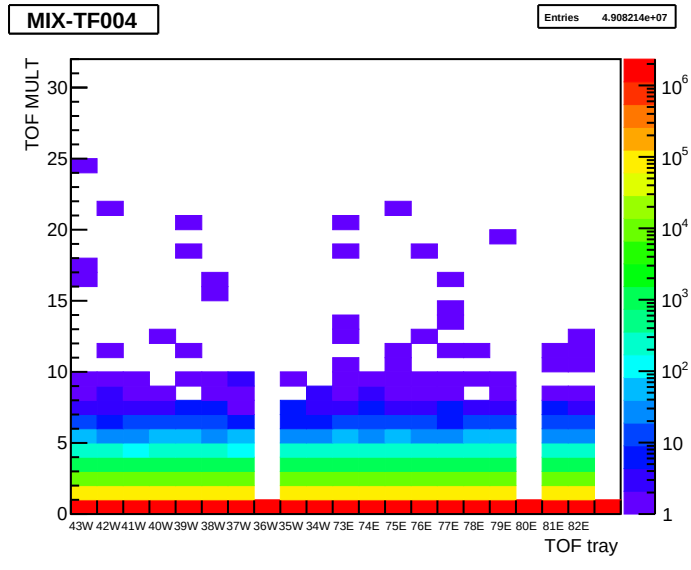

BunchId7Bit (MTD-th2)
Entries 7

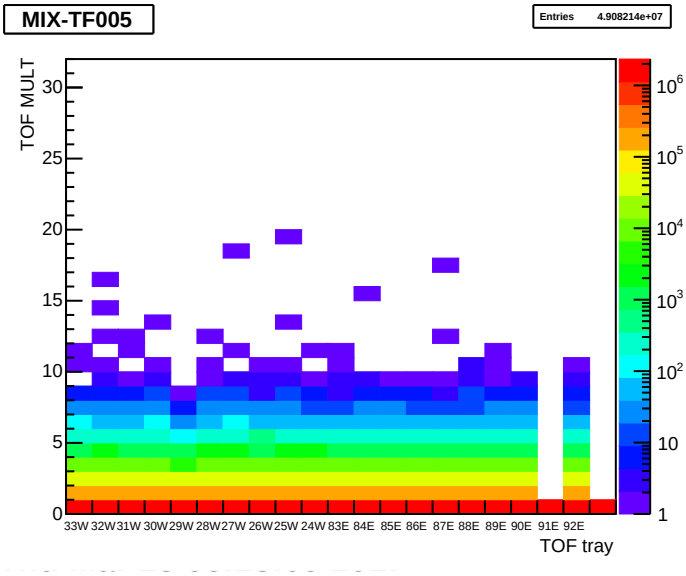

BunchId7Bit (RPET)
Entries 477879

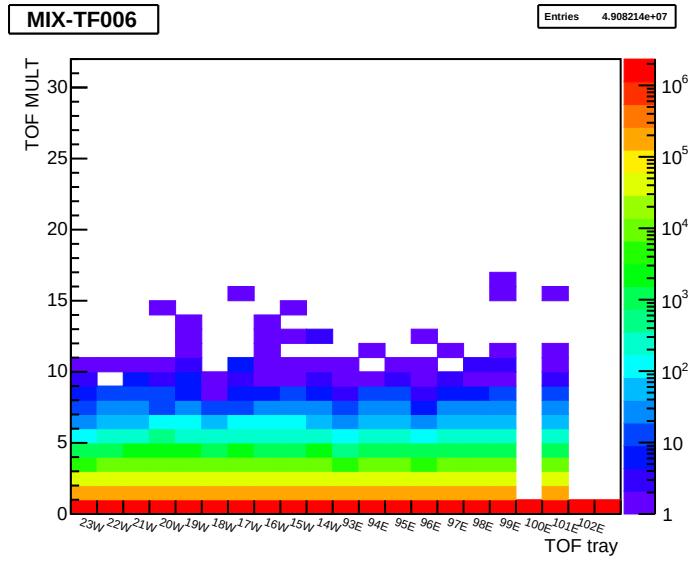

MIX-TF001
Entries 4.908214e+07
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

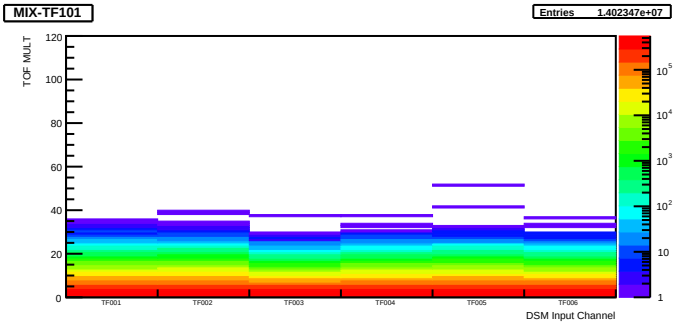

MIX-TF002
Entries 4.908214e+07
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

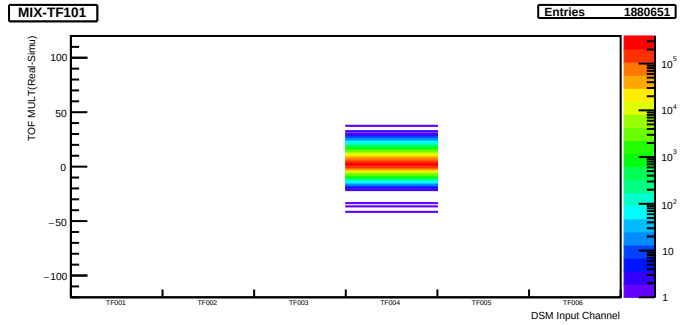

MIX-TF003
Entries 4.908214e+07
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

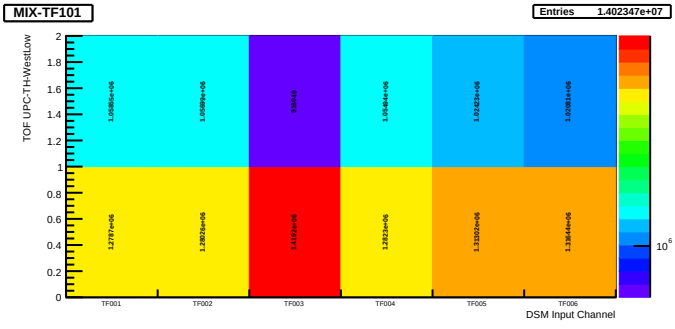

MIX-TF004
Entries 4.908214e+07
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

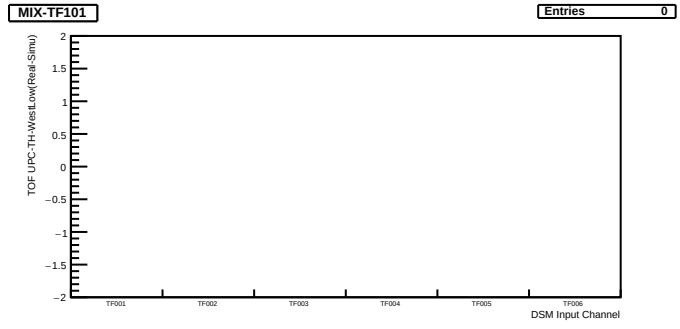

MIX-TF005
Entries 4.908214e+07
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

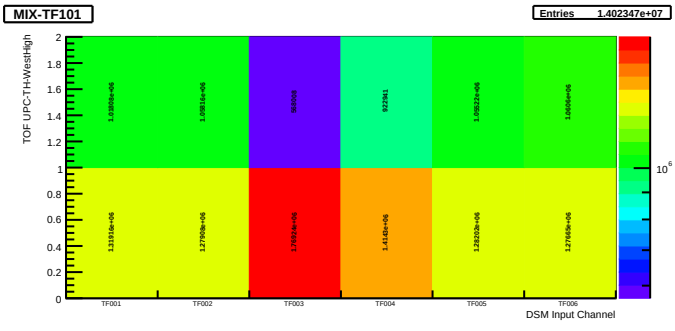

MIX-TF006
Entries 4.908214e+07
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

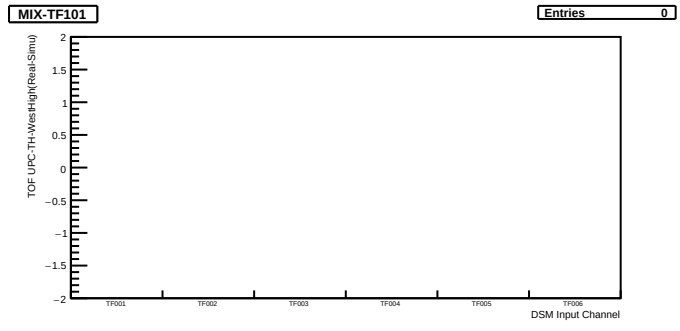

MIX-TF101
Entries 1.402347e+07
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

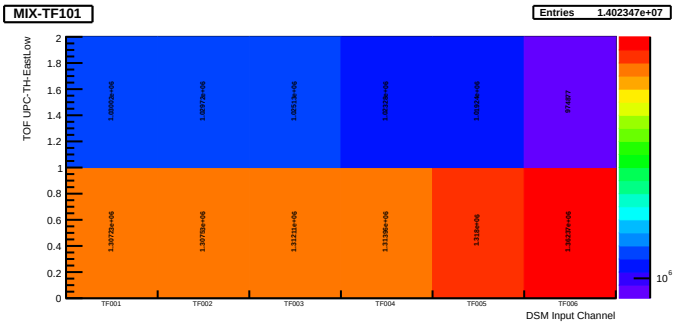

MIX-TF101
Entries 1880651
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

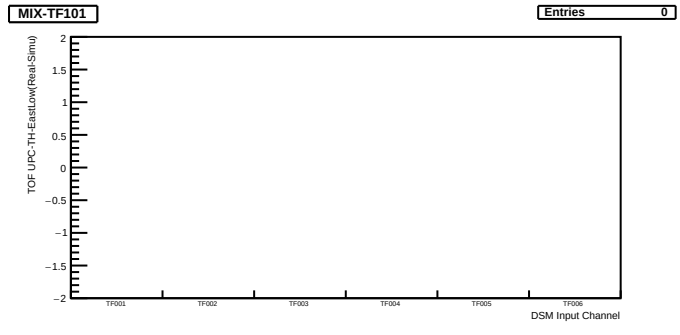

MIX-TF101
Entries 1.402347e+07
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

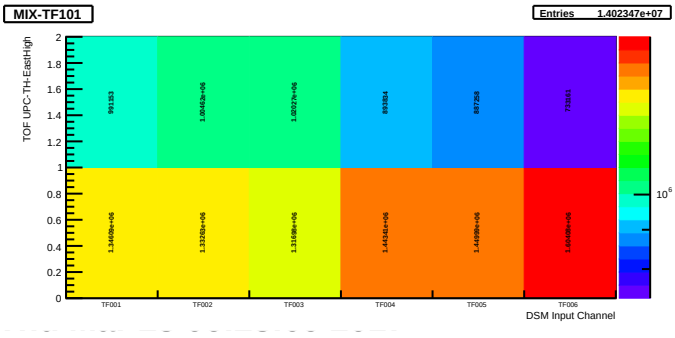

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

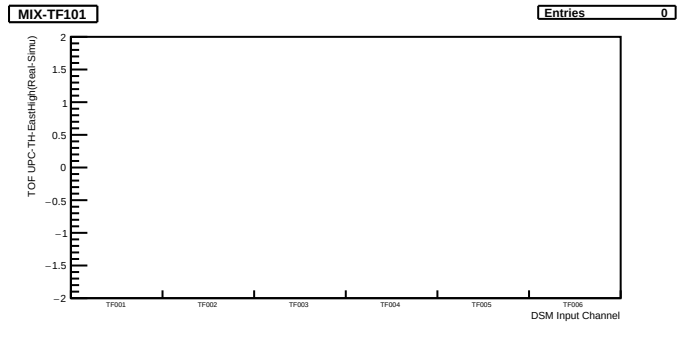

MIX-TF101
Entries 1.402347e+07
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

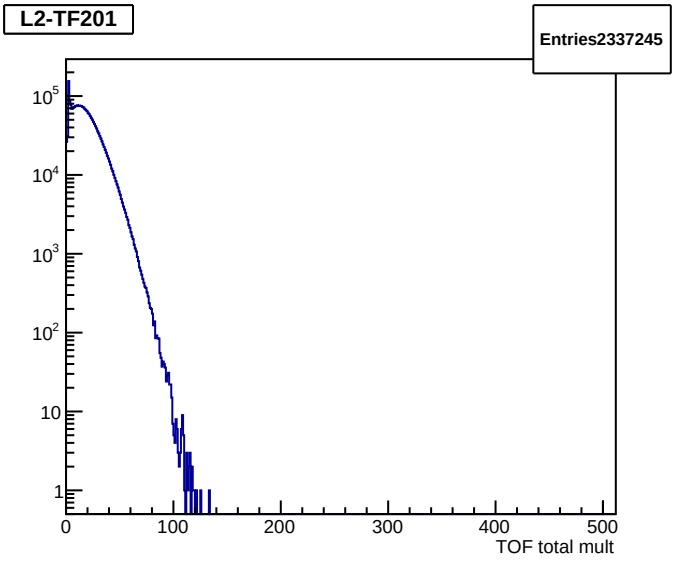

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

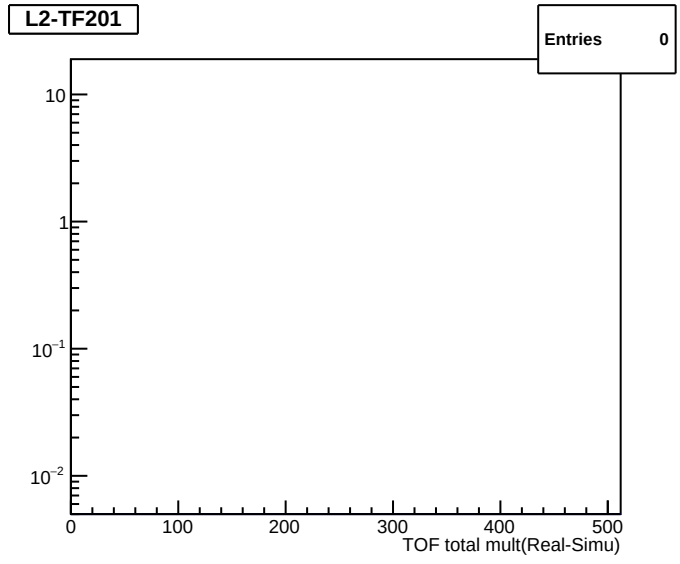

MIX-TF101
Entries 1.402347e+07
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

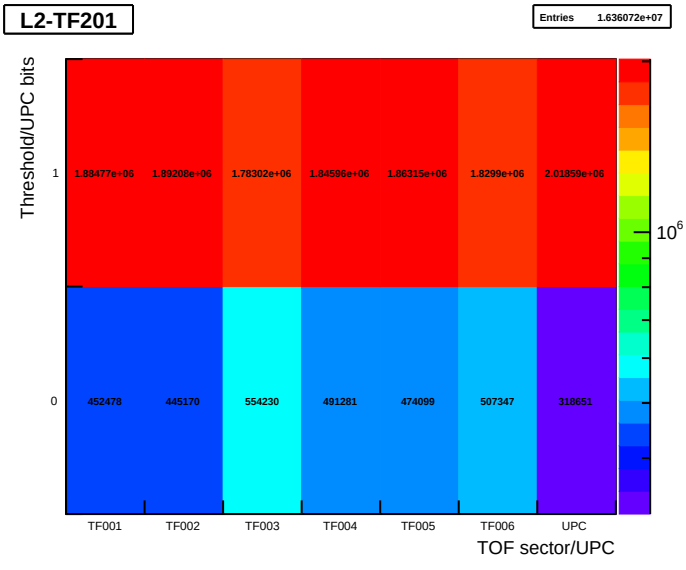

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

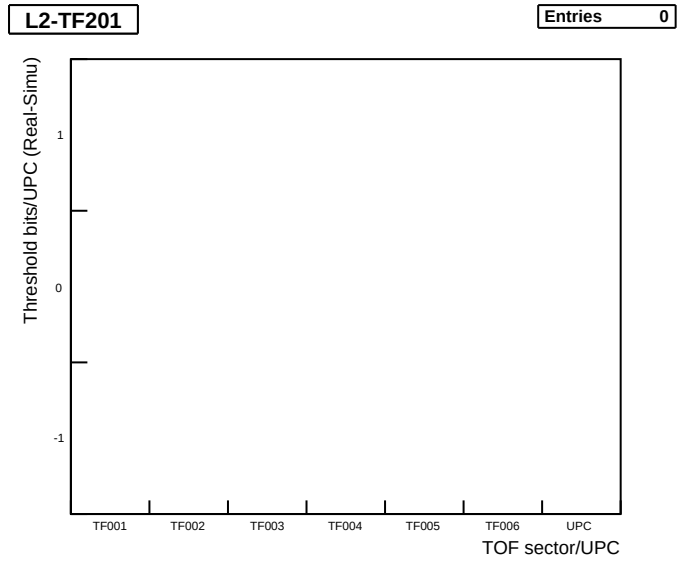

MIX-TF101
Entries 1.402347e+07
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

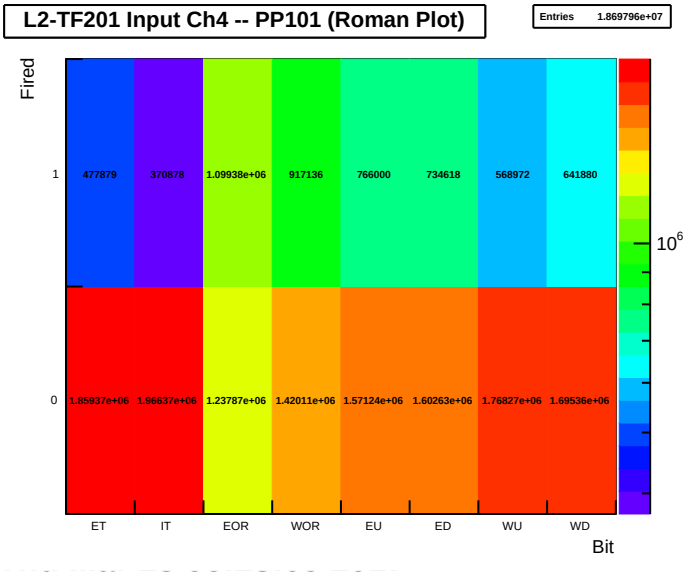

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

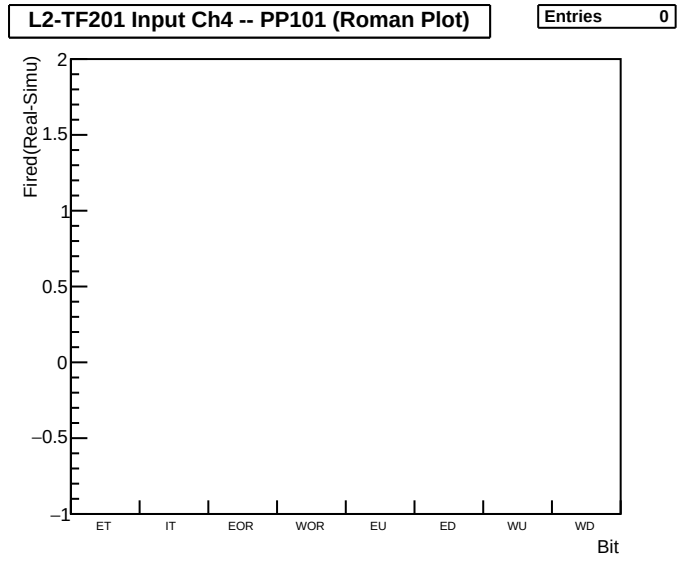

L2-TF201
Entries2337245
TOF total mult

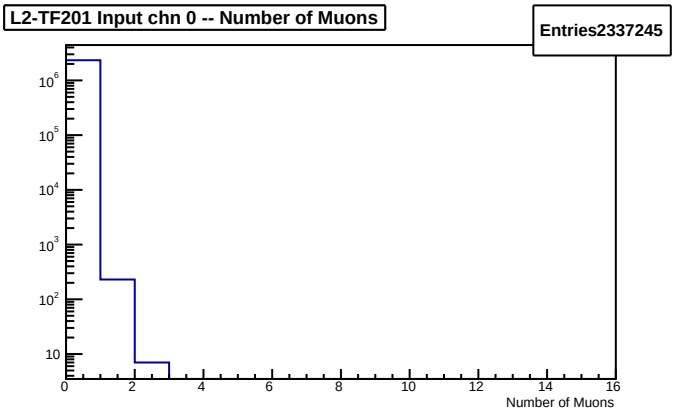

L2-TF201
Entries 0
TOF total mult(Real-Simu)

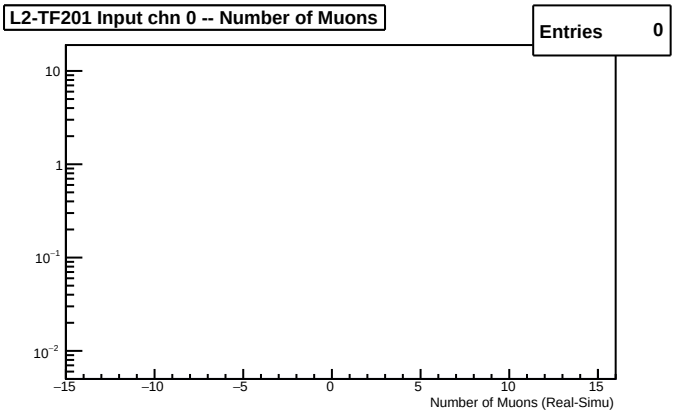

L2-TF201
Entries 1.636072e+07
Threshold/UPC bits
1.88477e+06
1.89208e+06
1.78302e+06
1.84596e+06
1.86315e+06
1.8299e+06
2.01859e+06
452478
445170
554230
491281
474099
507347
318651
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

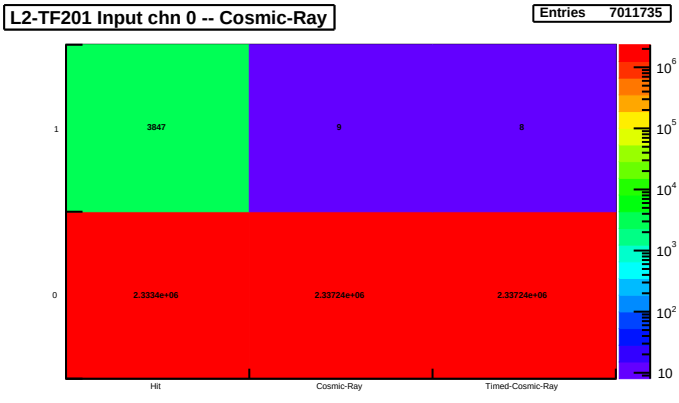

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

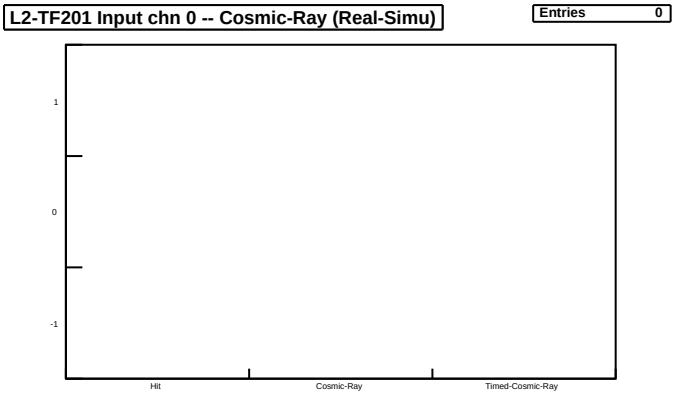

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 1.869796e+07
Fired
477879
370878
1.09938e+06
917136
766000
734618
568972
641880
1.85937e+06
1.96637e+06
1.23787e+06
1.42011e+06
1.57124e+06
1.60263e+06
1.76827e+06
1.69536e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

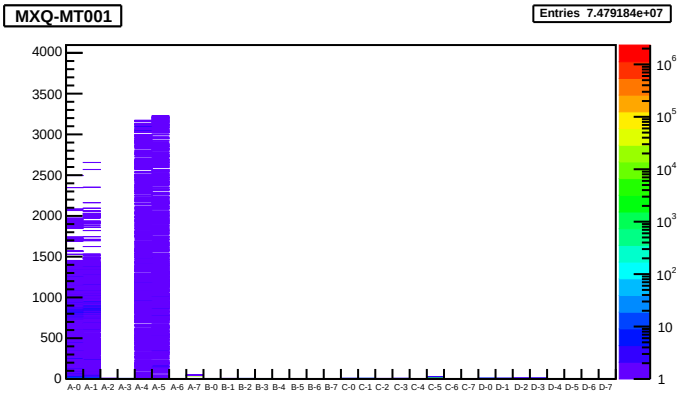

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

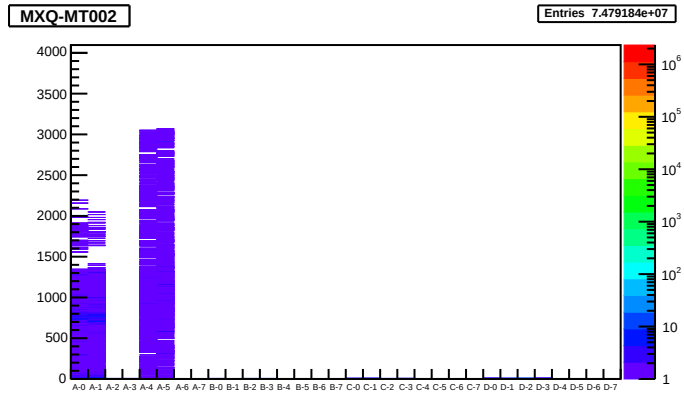

L2-TF201 Input chn 0 -- Number of Muons
Entries2337245
Number of Muons

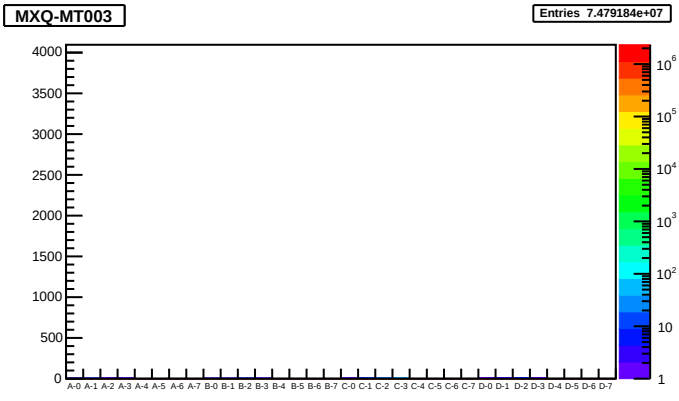

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

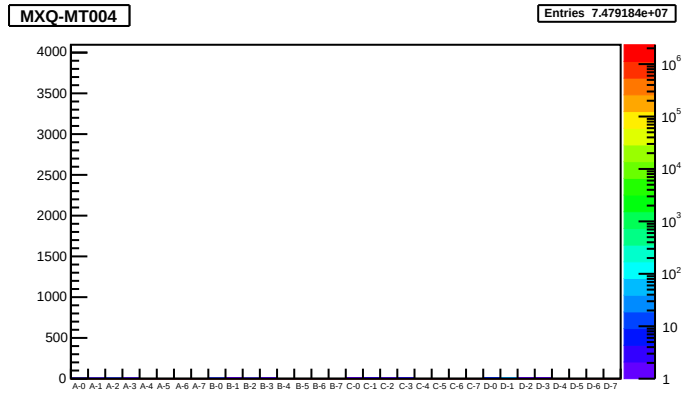

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 7011735
3847
9
8
2.3334e+06
2.33724e+06
2.33724e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

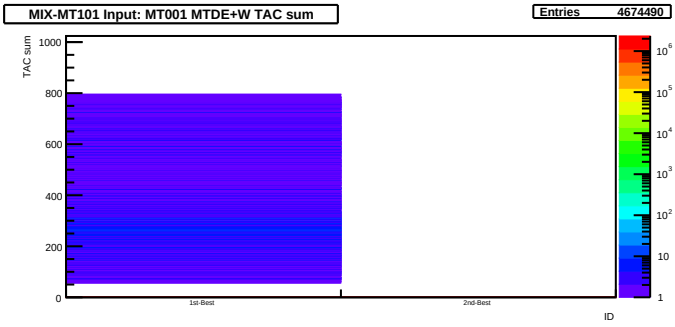

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

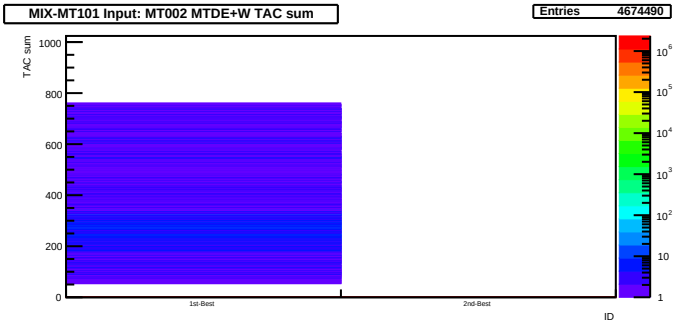

MXQ-MT001
Entries 7.479184e+07
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

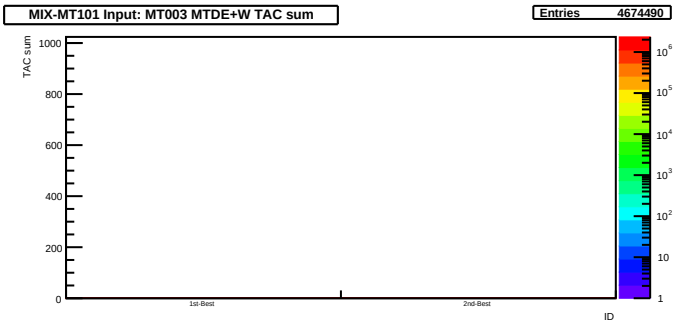

MXQ-MT002
Entries 7.479184e+07
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

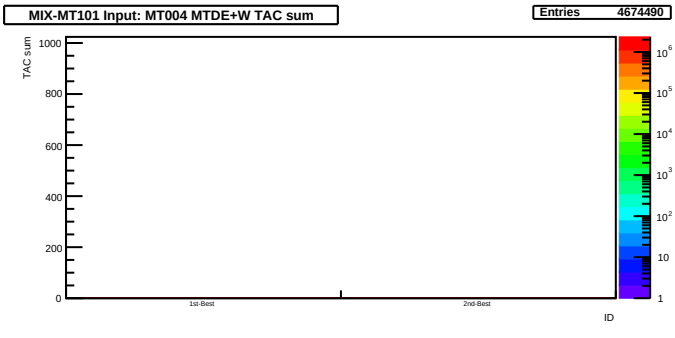

MXQ-MT003
Entries 7.479184e+07
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

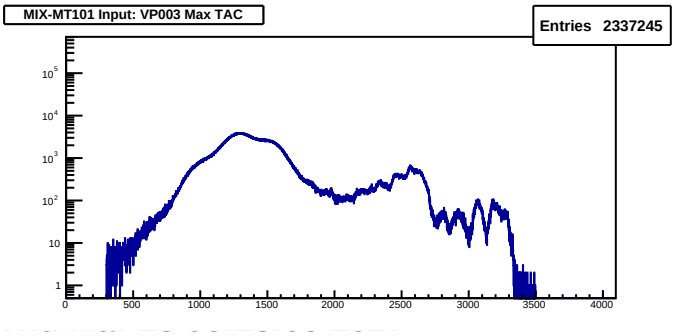

MXQ-MT004
Entries 7.479184e+07
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

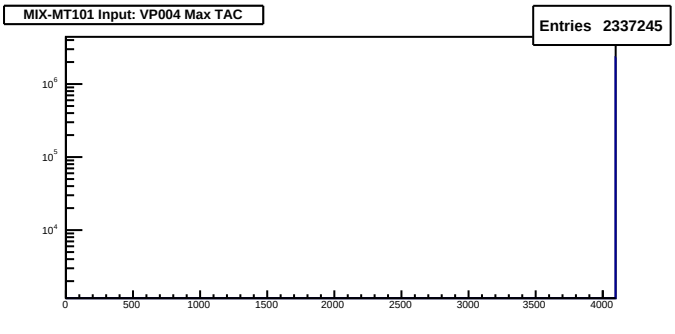

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 4674490
TAC sum
1st-Best
2nd-Best
ID

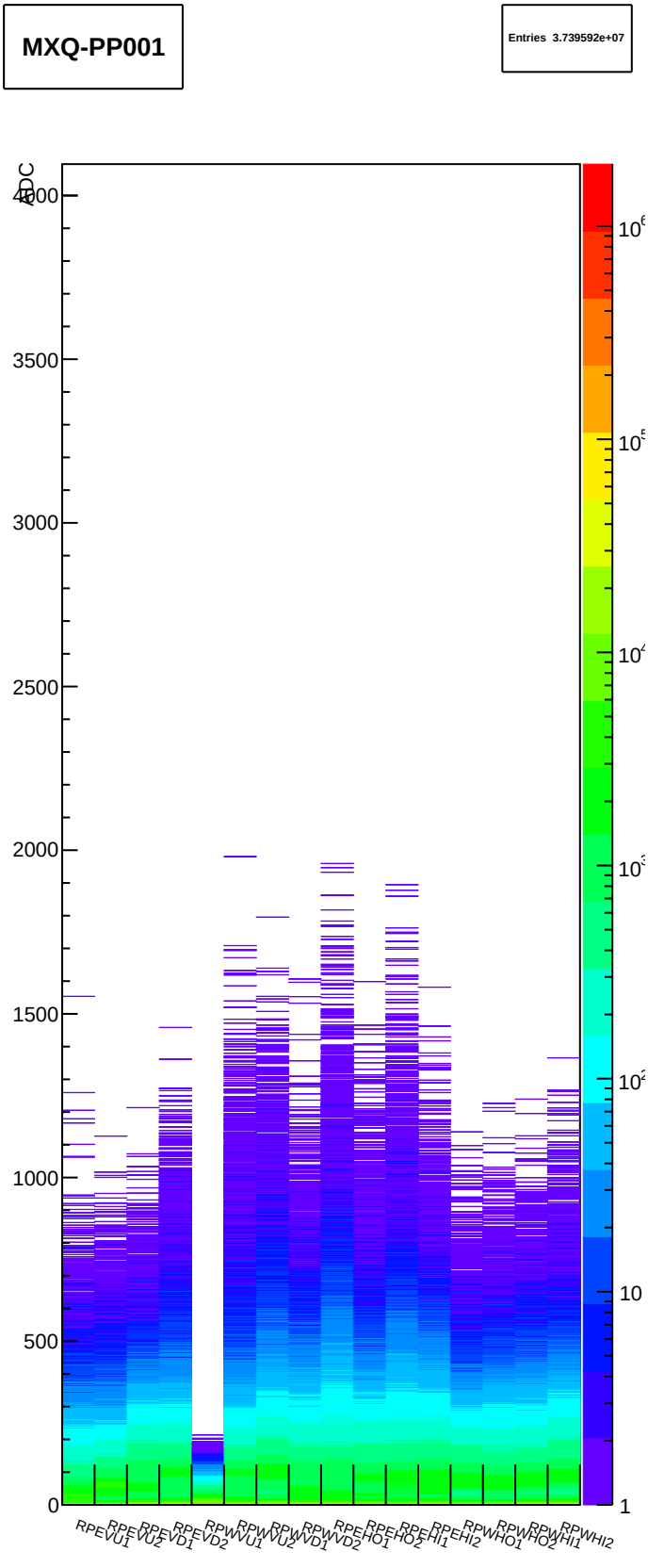

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 4674490
TAC sum
1st-Best
2nd-Best
ID

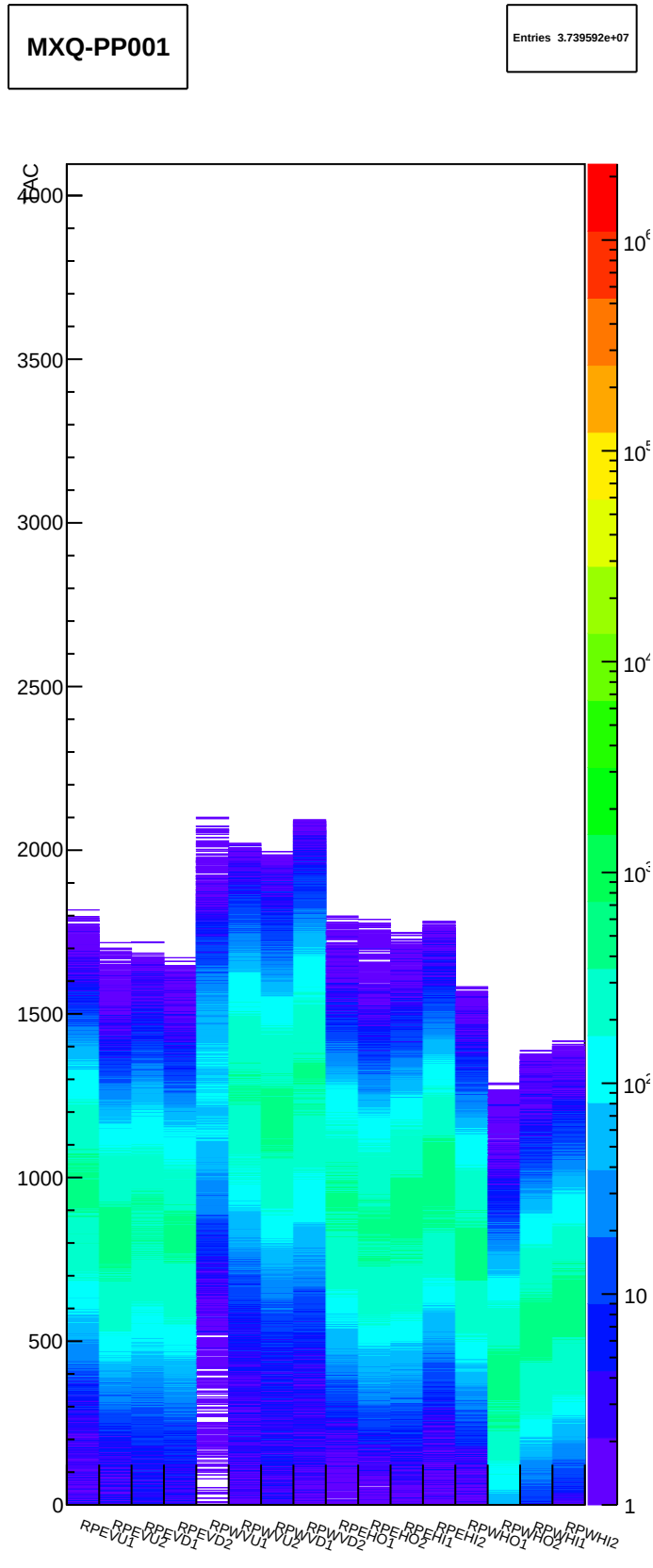

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 4674490
TAC sum
1st-Best
2nd-Best
ID

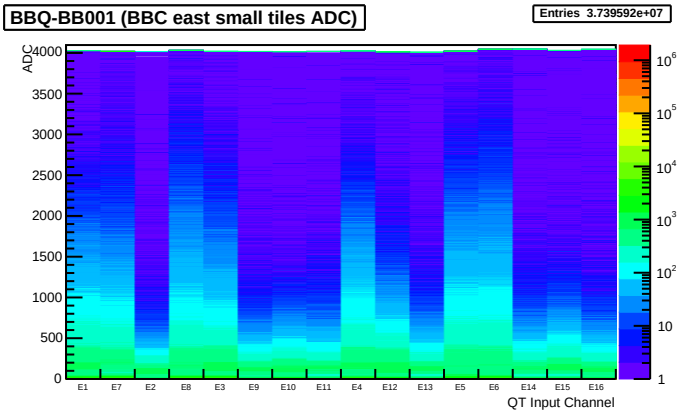

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 4674490
TAC sum
1st-Best
2nd-Best
ID

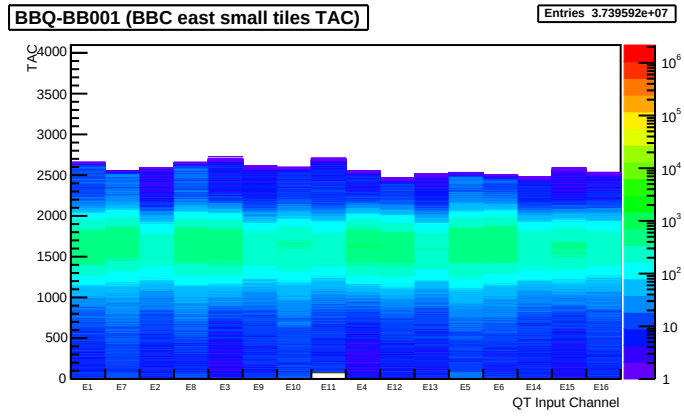

MIX-MT101 Input: VP003 Max TAC
Entries 2337245

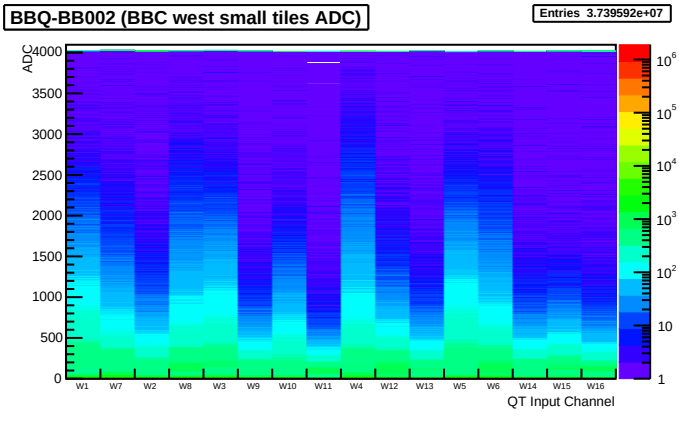

MIX-MT101 Input: VP004 Max TAC
Entries 2337245

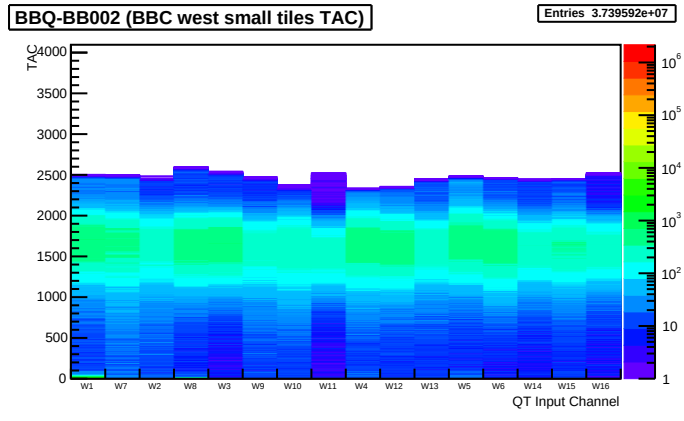

MXQ-PP001
Entries 3.739592e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

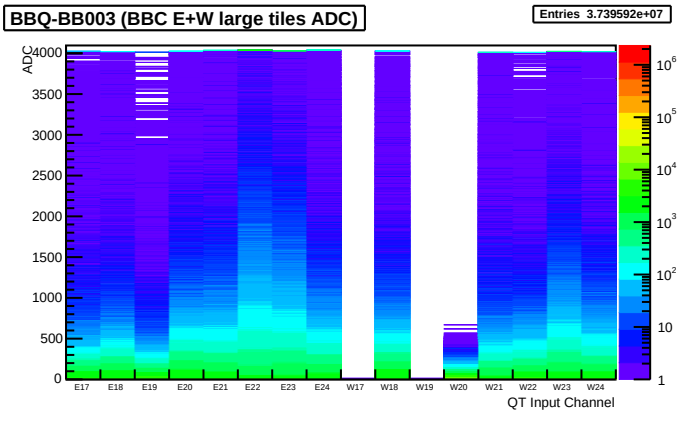

MXQ-PP001
Entries 3.739592e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

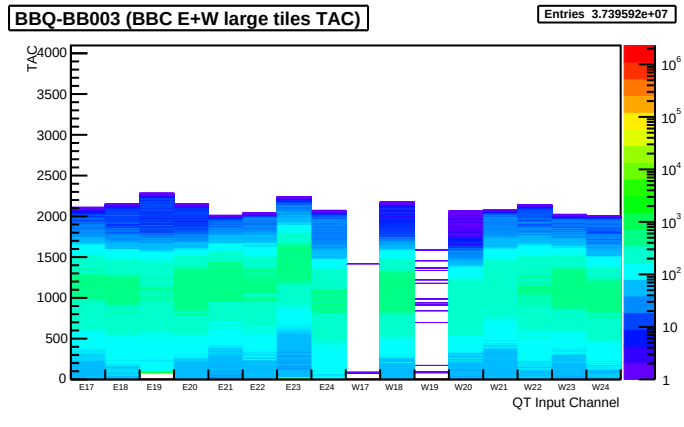

BBQ-BB001 (BBC east small tiles ADC)
Entries 3.739592e+07
ADC
QT Input Channel

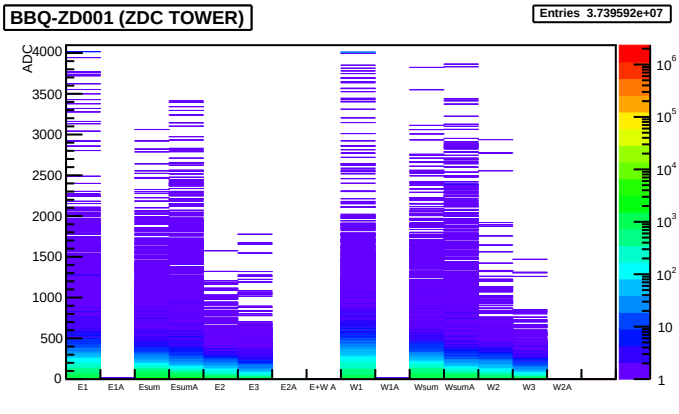

BBQ-BB001 (BBC east small tiles TAC)
Entries 3.739592e+07
TAC
QT Input Channel

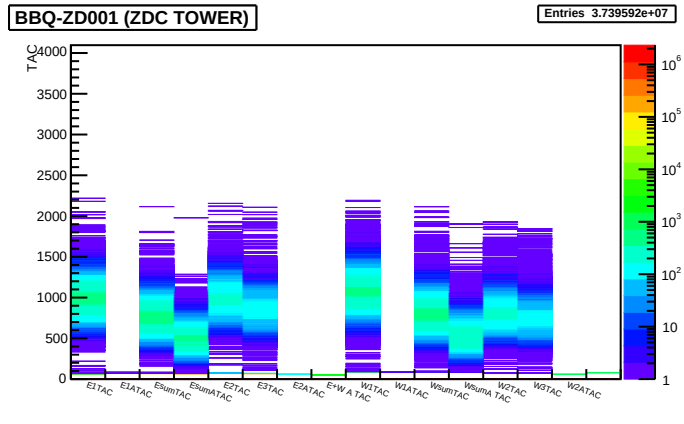

BBQ-BB002 (BBC west small tiles ADC)
Entries 3.739592e+07
ADC
QT Input Channel

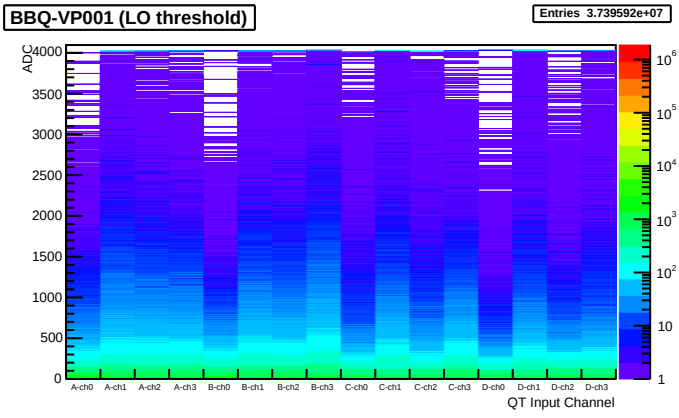

BBQ-BB002 (BBC west small tiles TAC)
Entries 3.739592e+07
TAC
QT Input Channel

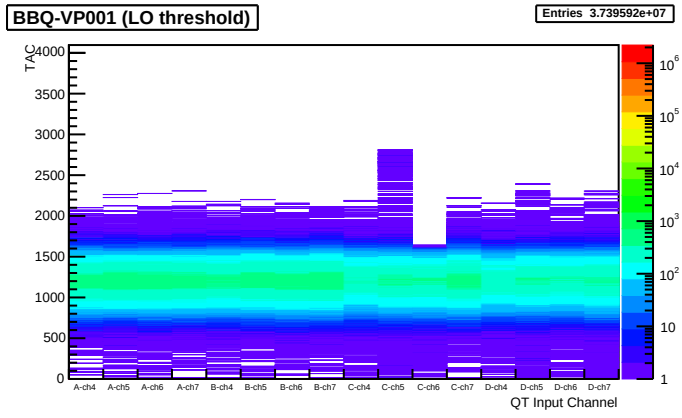

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 3.739592e+07
ADC
QT Input Channel

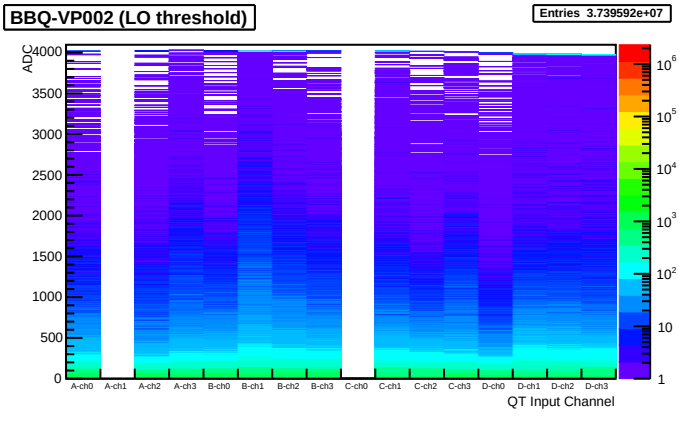

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 3.739592e+07
TAC
QT Input Channel

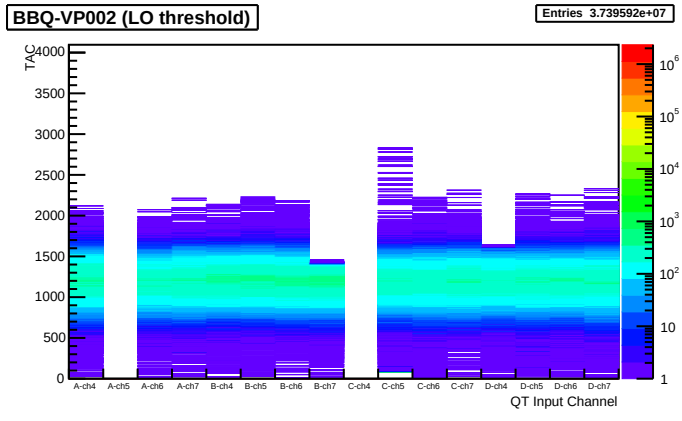

BBQ-ZD001 (ZDC TOWER)
Entries 3.739592e+07
ADC

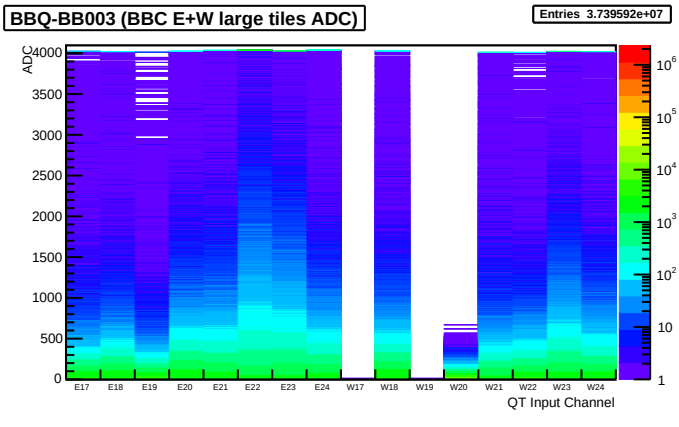

BBQ-ZD001 (ZDC TOWER)
Entries 3.739592e+07
TAC

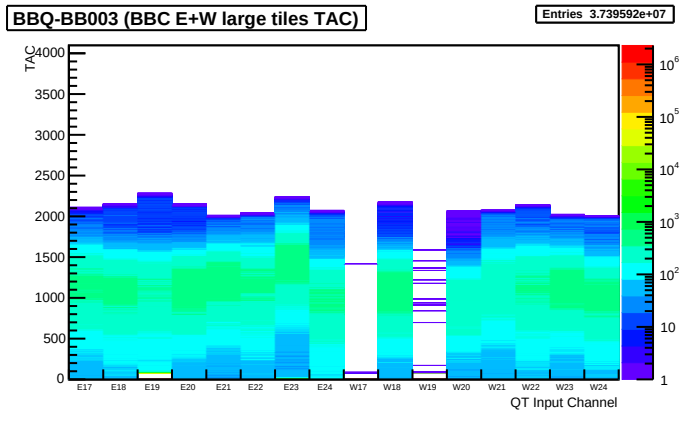

BBQ-VP001 (LO threshold)
Entries 3.739592e+07
ADC
QT Input Channel

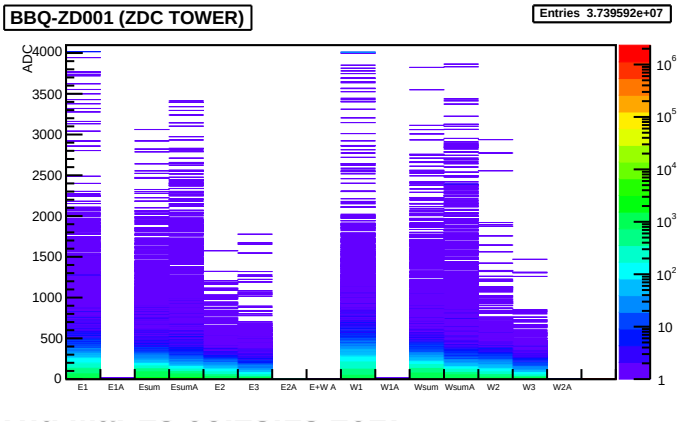

BBQ-VP001 (LO threshold)
Entries 3.739592e+07
TAC
QT Input Channel

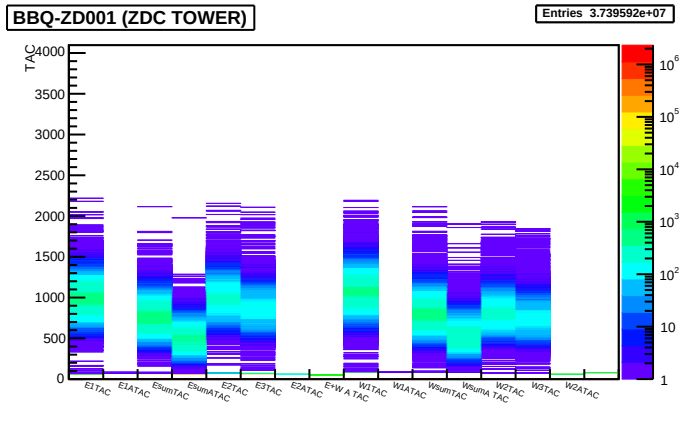

BBQ-VP002 (LO threshold)
Entries 3.739592e+07
ADC
QT Input Channel

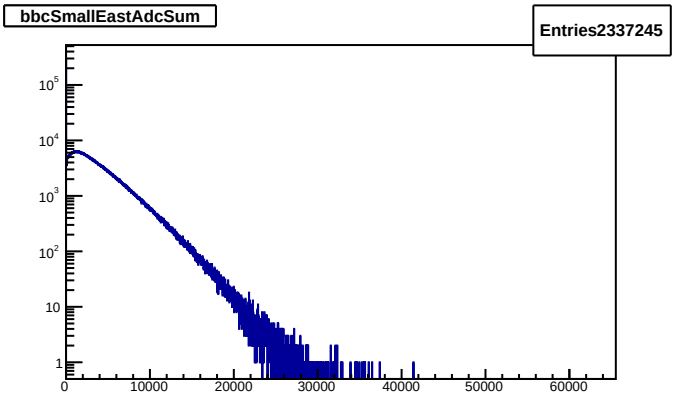

BBQ-VP002 (LO threshold)
Entries 3.739592e+07
TAC
QT Input Channel

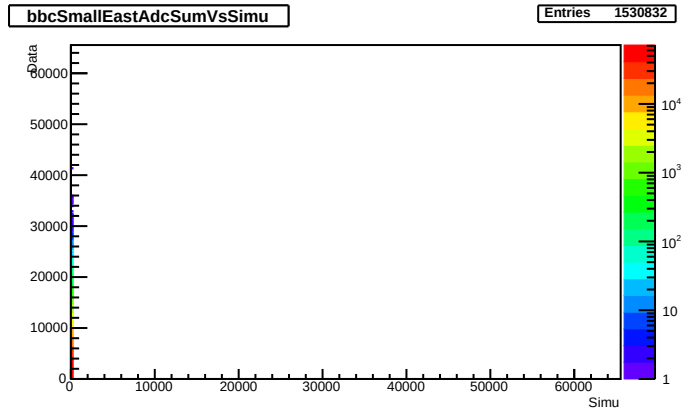

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 3.739592e+07
ADC
QT Input Channel

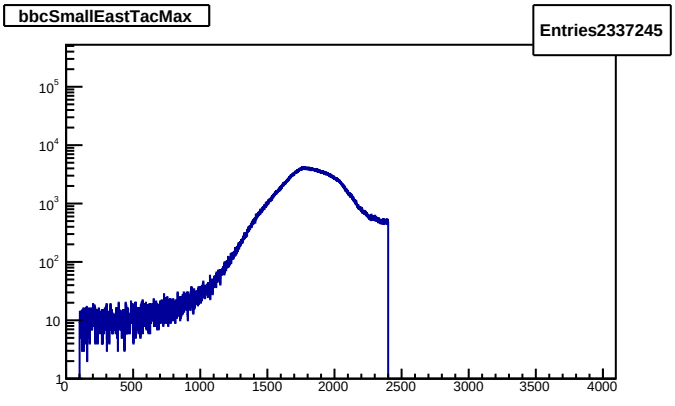

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 3.739592e+07
TAC
QT Input Channel

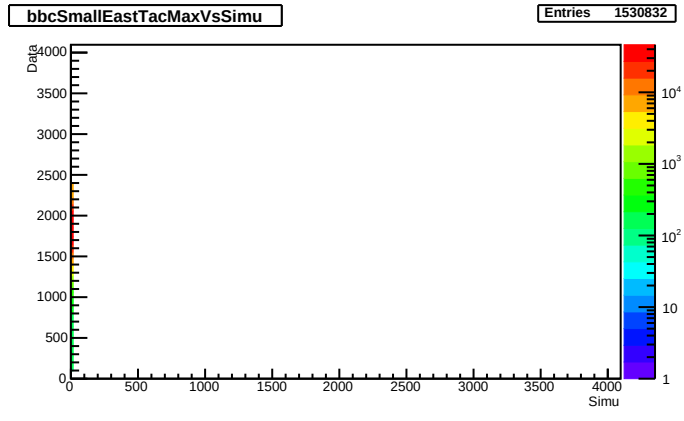

BBQ-ZD001 (ZDC TOWER)
Entries 3.739592e+07
ADC

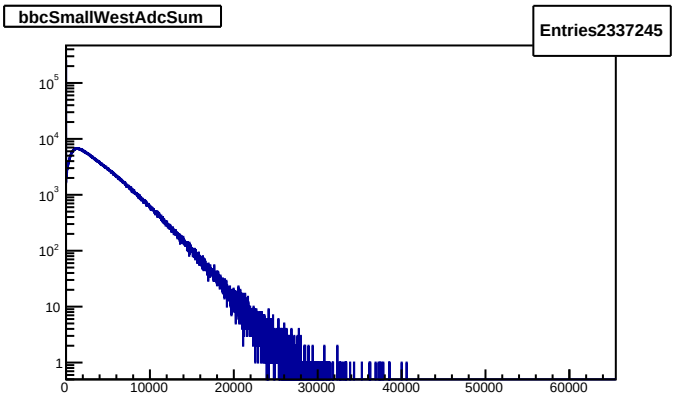

BBQ-ZD001 (ZDC TOWER)
Entries 3.739592e+07
TAC

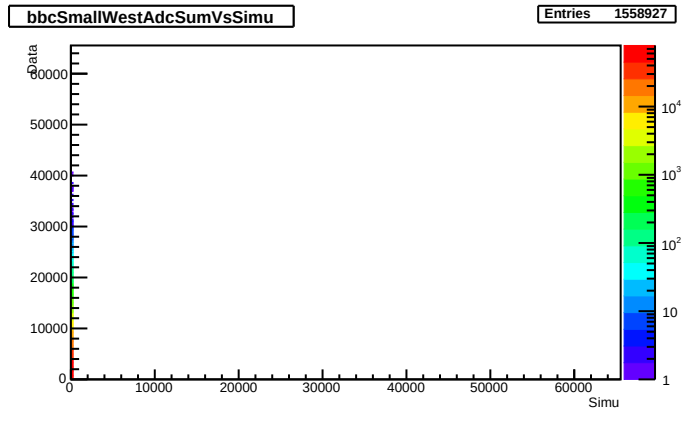

bbcSmallEastAdcSum
Entries2337245

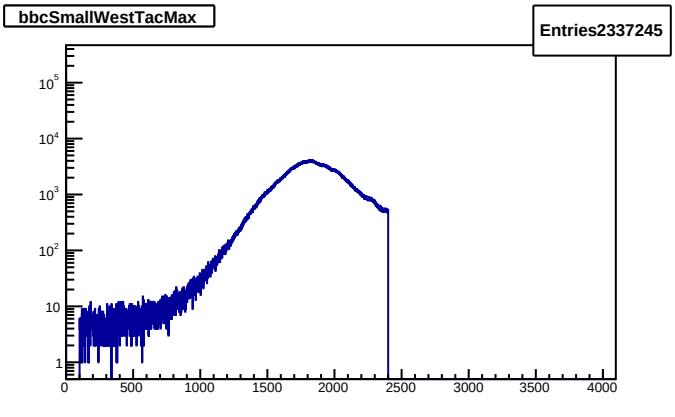

bbcSmallEastAdcSumVsSimu
Entries 1530832
Data
Simu

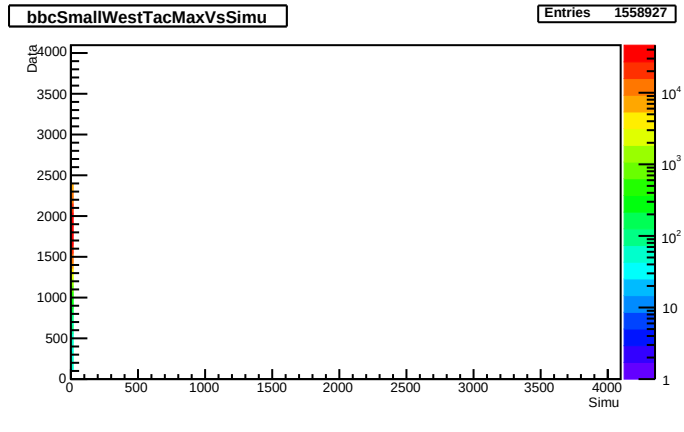

bbcSmallEastTacMax
Entries2337245

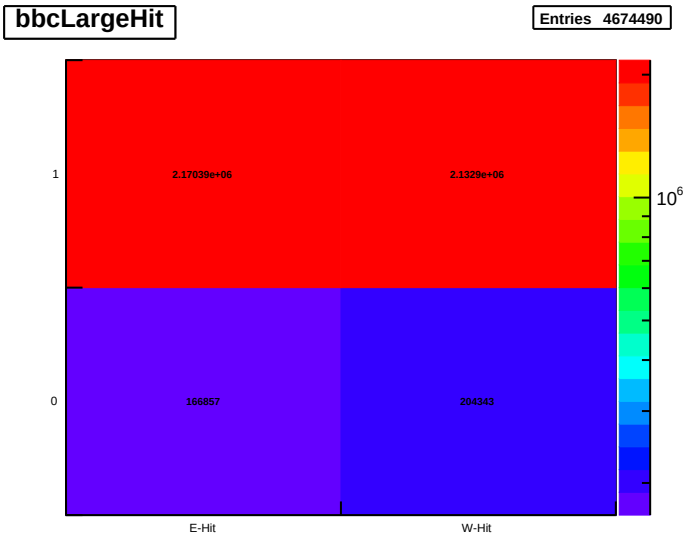

bbcSmallEastTacMaxVsSimu
Entries 1530832
Data
Simu

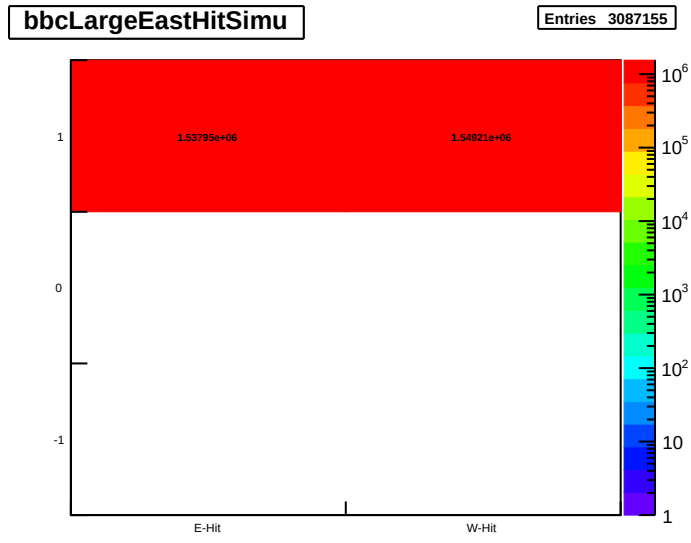

bbcSmallWestAdcSum
Entries2337245

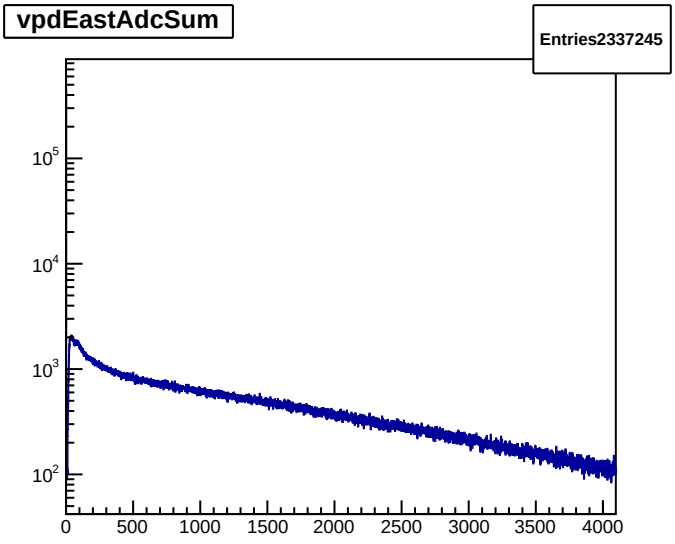

bbcSmallWestAdcSumVsSimu
Entries 1558927
Data
Simu

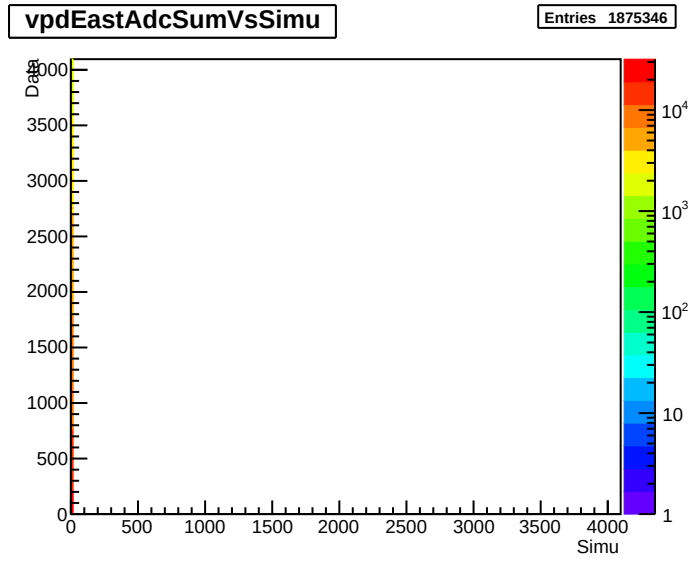

bbcSmallWestTacMax
Entries2337245

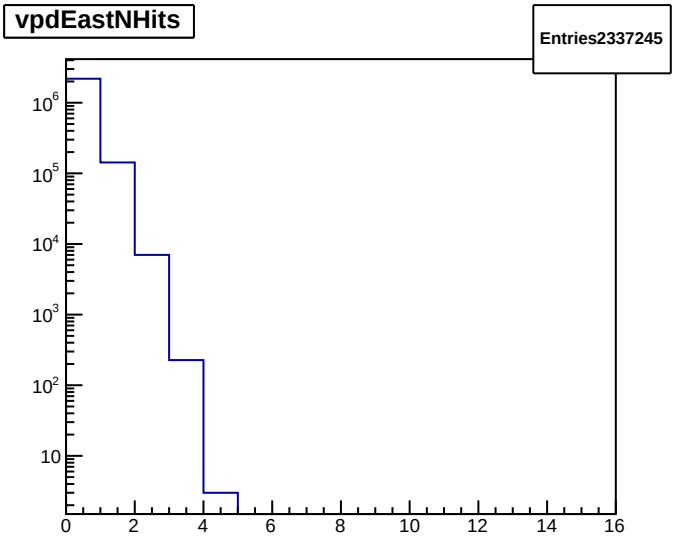

bbcSmallWestTacMaxVsSimu
Entries 1558927
Data
Simu

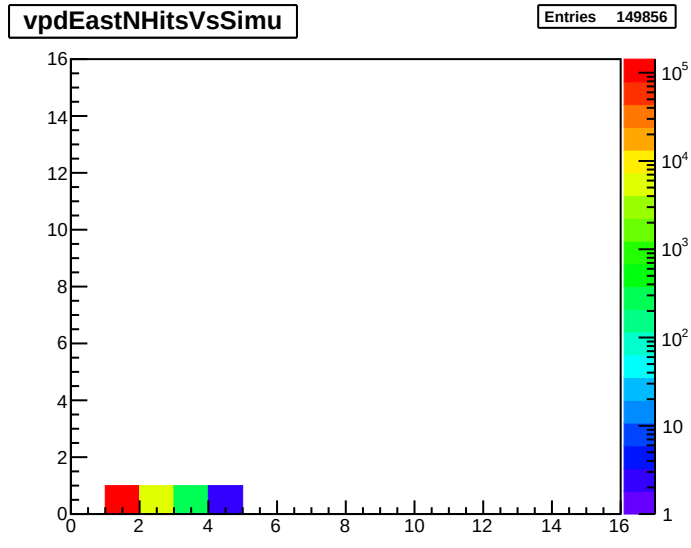

bbcLargeHit
Entries 4674490
1
0
2.17039e+06
2.1329e+06
166857
204343
E-Hit
W-Hit
10^6

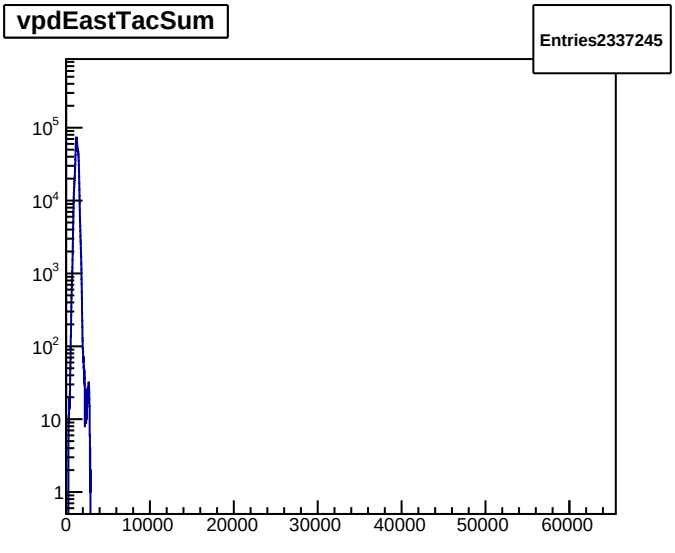

bbcLargeEastHitSimu
Entries 3087155
1
0
-1
1.53795e+06
1.54921e+06
E-Hit
W-Hit
10^6
10^5
10^4
10^3
10^2
10
1

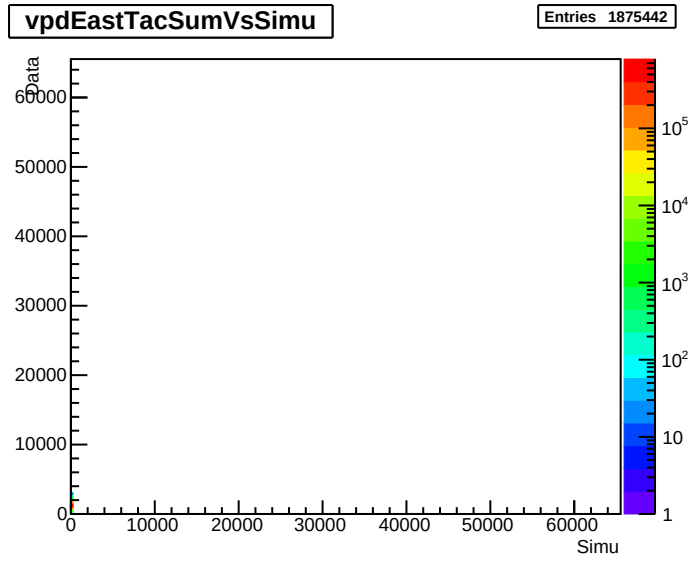

vpdEastAdcSum
Entries2337245

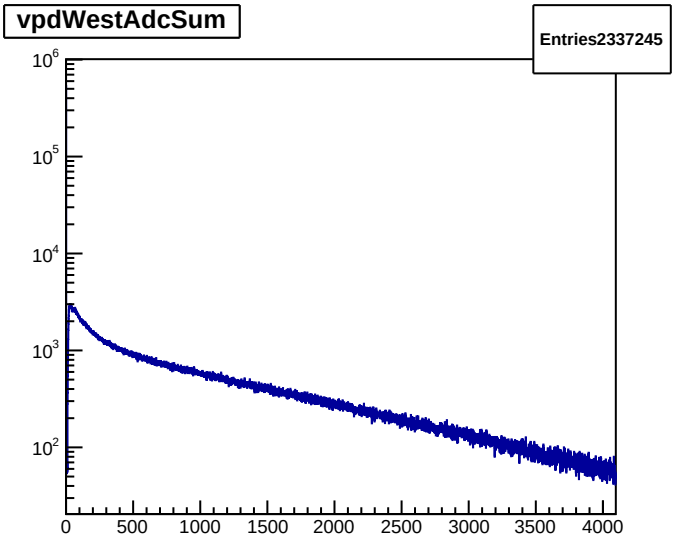

vpdEastAdcSumVsSimu
Entries 1875346
Data
Simu

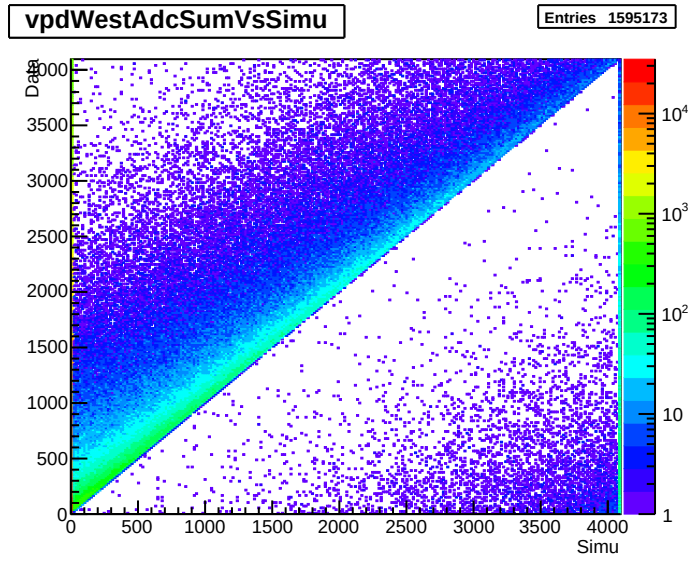

vpdEastNHits
Entries2337245

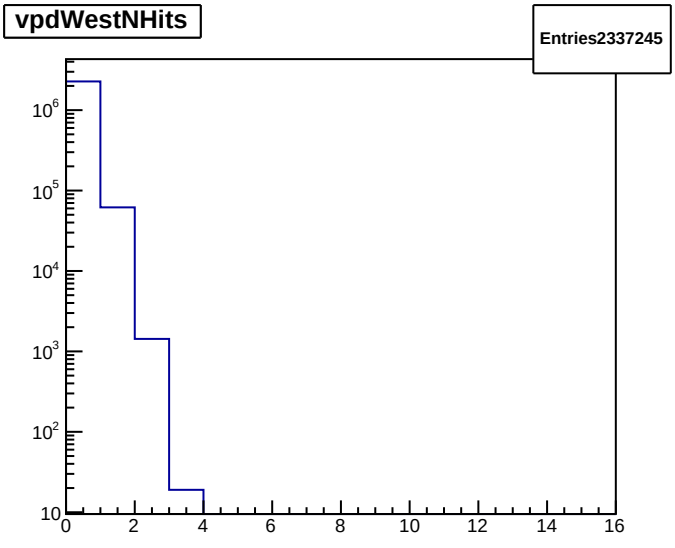

vpdEastNHitsVsSimu
Entries 149856

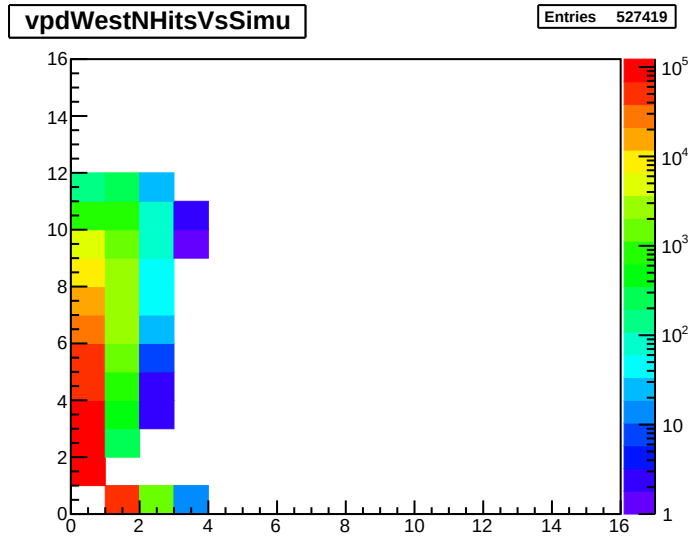

vpdEastTacSum
Entries2337245

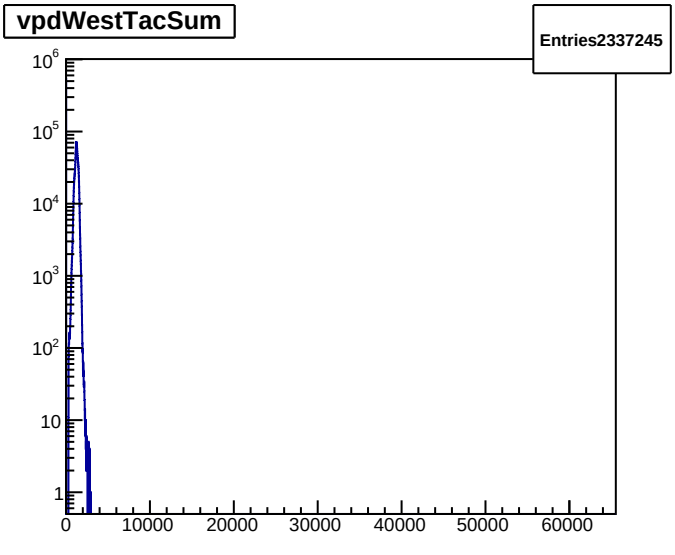

vpdEastTacSumVsSimu
Entries 1875442
Data
Simu

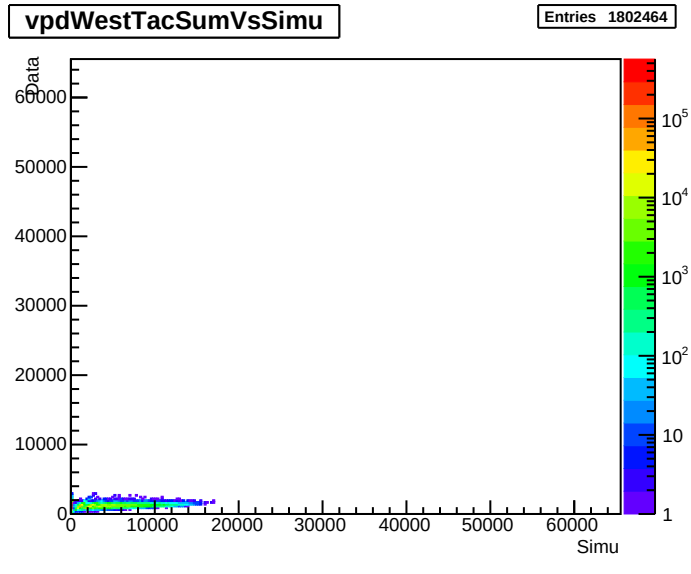

vpdWestAdcSum
Entries2337245

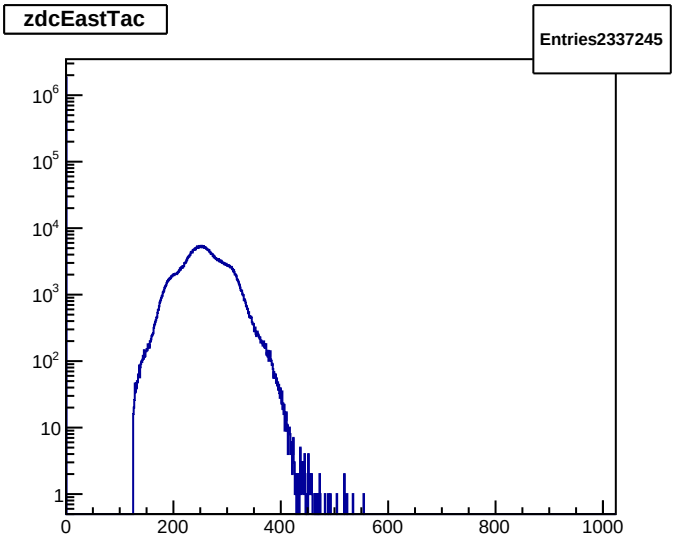

vpdWestAdcSumVsSimu
Entries 1595173
Data
Simu

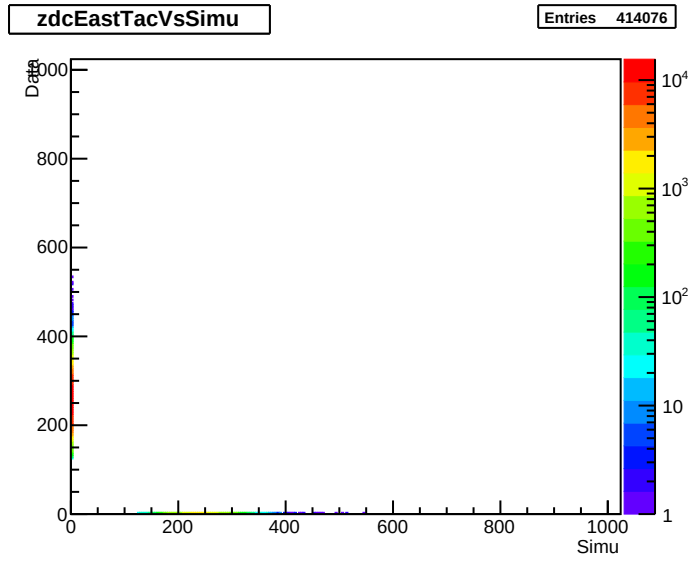

vpdWestNHits
Entries2337245

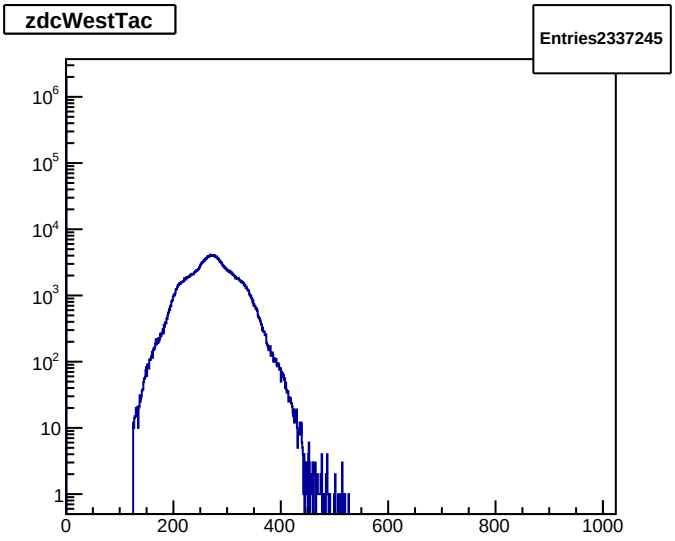

vpdWestNHitsVsSimu
Entries 527419

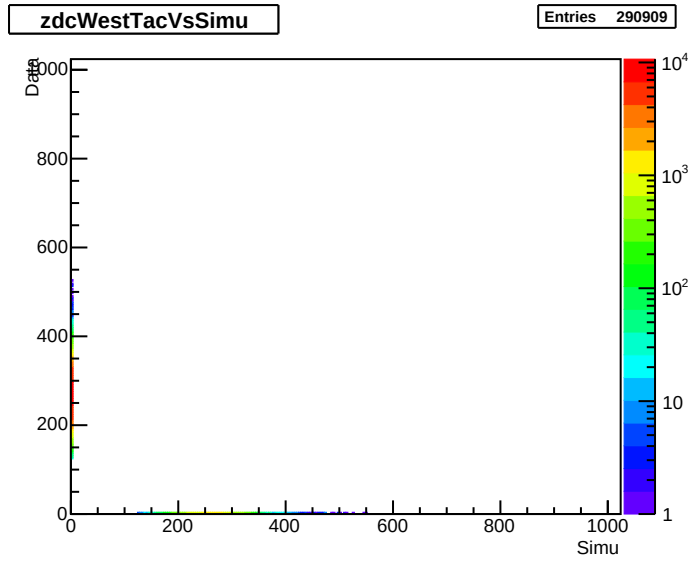

vpdWestTacSum
Entries2337245

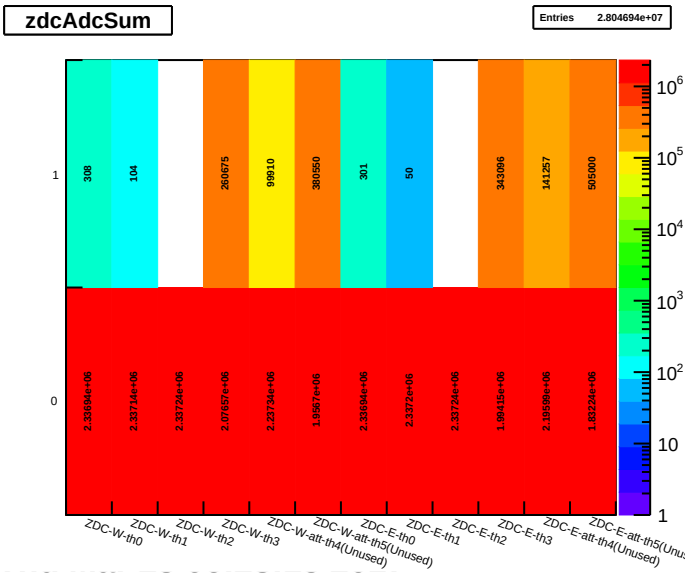

vpdWestTacSumVsSimu
Entries 1802464
Data
Simu

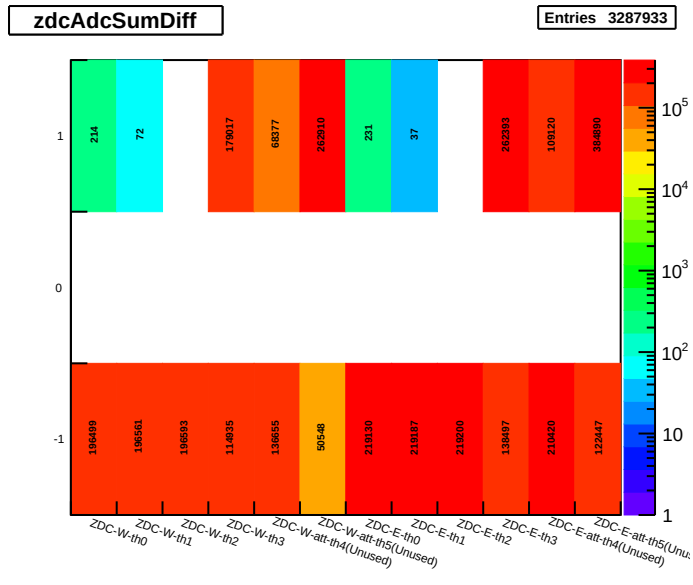

zdcEastTac
Entries2337245

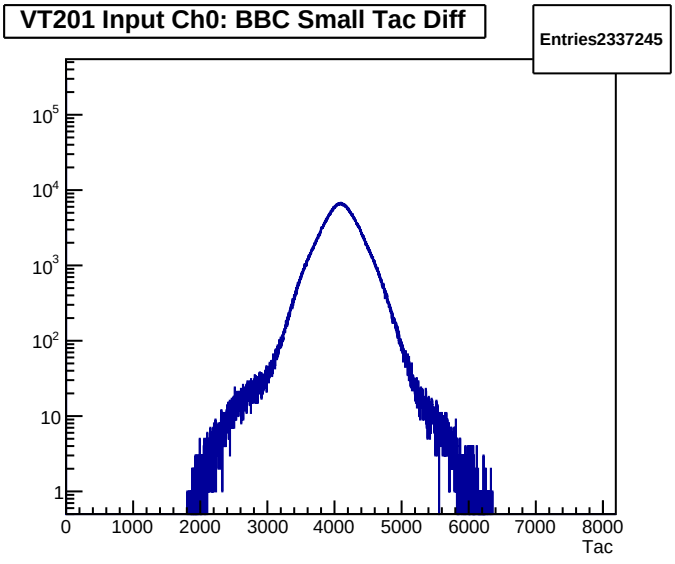

zdcEastTacVsSimu
Entries 414076
Data
Simu

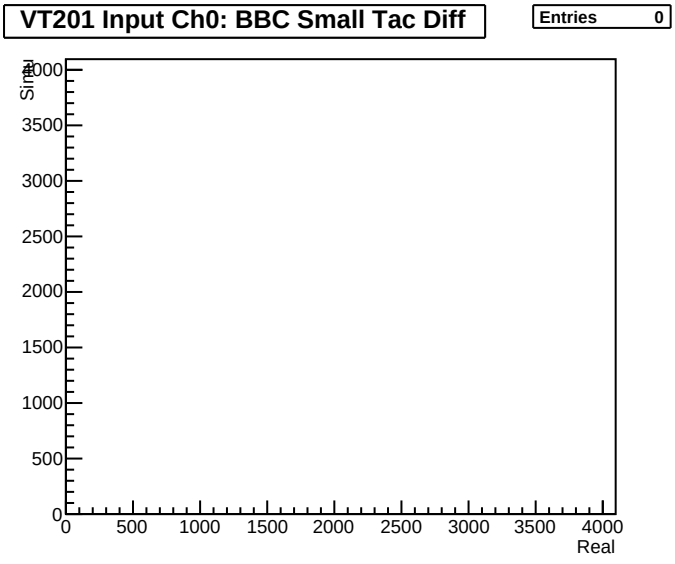

zdcWestTac
Entries2337245

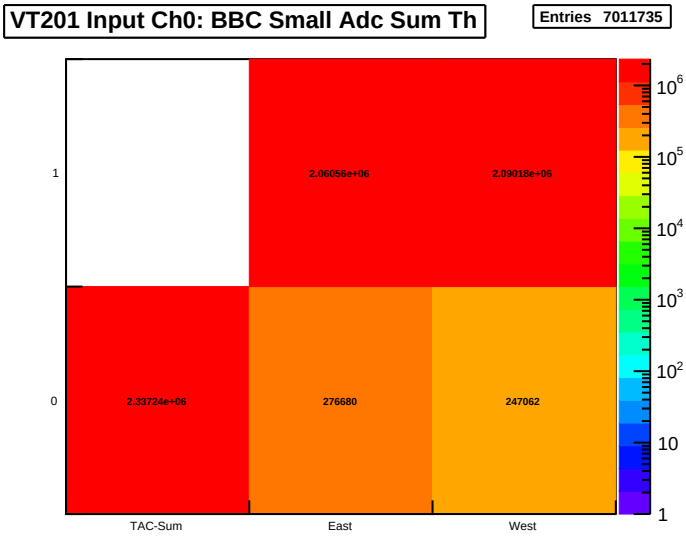

zdcWestTacVsSimu
Entries 290909
Data
Simu

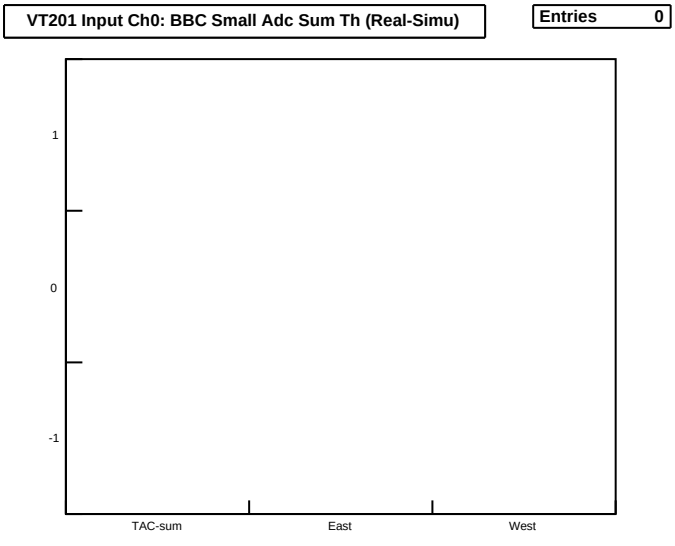

zdcAdcSum
Entries 2.804694e+07
308
104
260675
99910
380550
301
50
343096
141257
505000
2.33694e+06
2.33714e+05
2.33724e+06
2.07657e+06
2.23734e+06
1.95667e+06
2.33694e+06
2.3372e+06
2.33724e+05
1.98415e+06
2.19599e+06
1.83224e+06
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

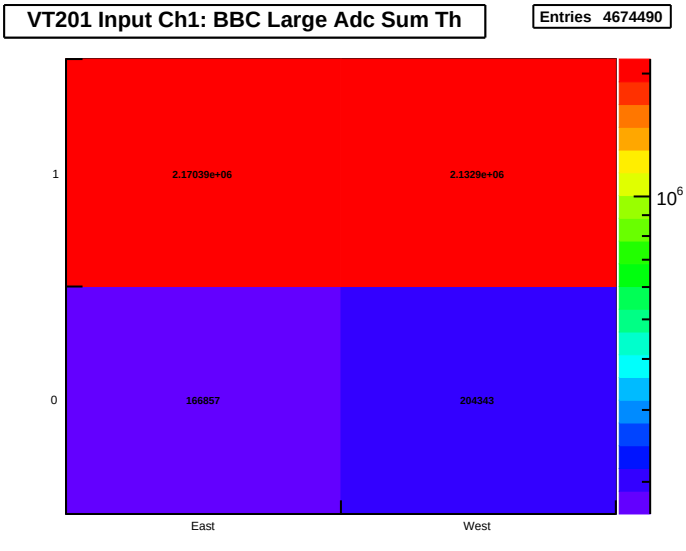

zdcAdcSumDiff
Entries 3287933
214
72
179017
68377
262210
231
37
262393
109120
384890
196499
196561
196593
114935
136655
50548
219130
219187
219200
138497
219420
122447
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

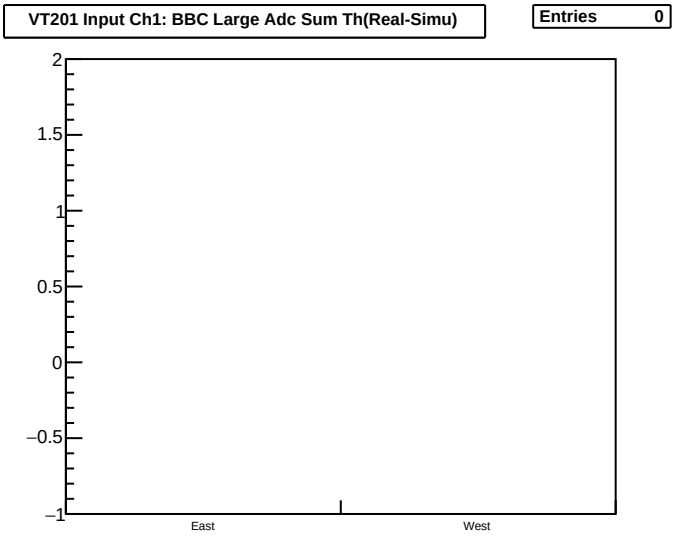

VT201 Input Ch0: BBC Small Tac Diff
Entries2337245
Tac


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

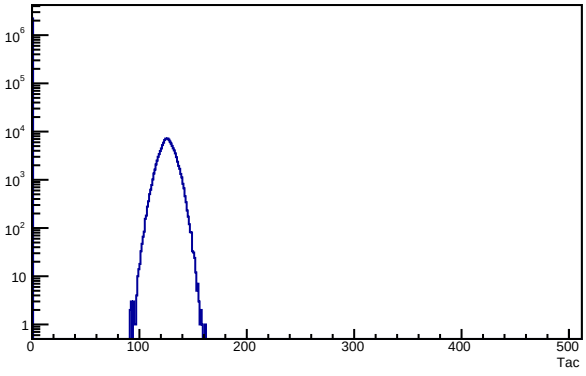

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 7011735
2.06056e+06
2.09018e+06
2.33724e+06
276680
247062
TAC-Sum
East
West


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

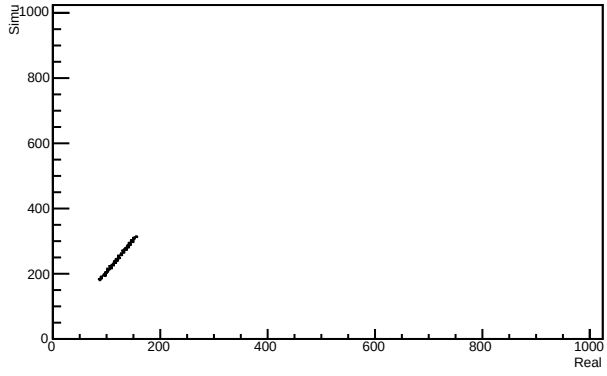

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 4674490
2.17039e+06
2.1329e+06
166857
204343
East
West


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

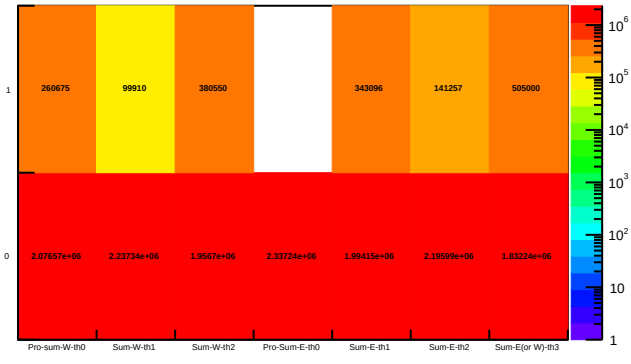
VT201 Input Ch2: ZDC Tac Diff



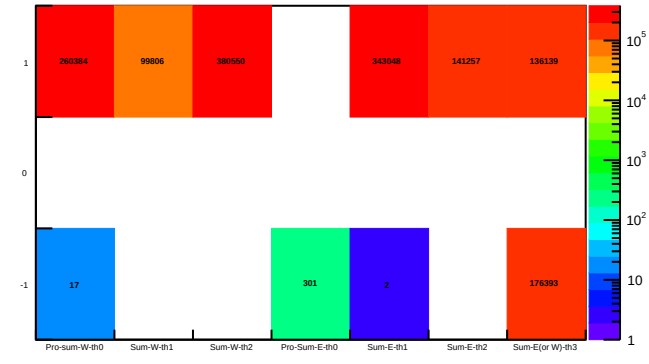
VT201 Input Ch2: ZDC Tac Diff



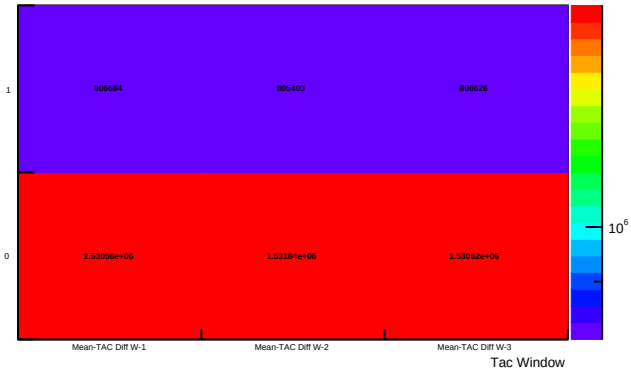
VT201 Input Ch2: ZDC Adc Sum Th



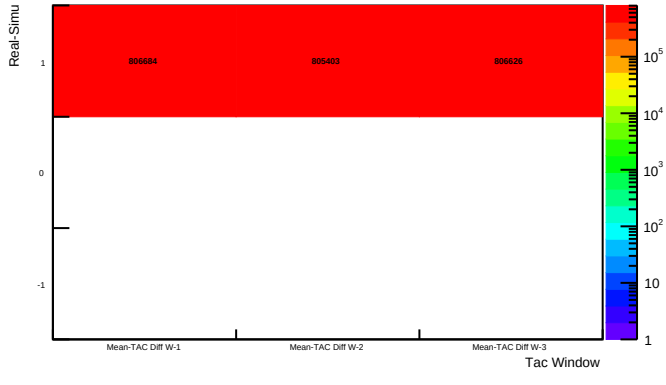
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



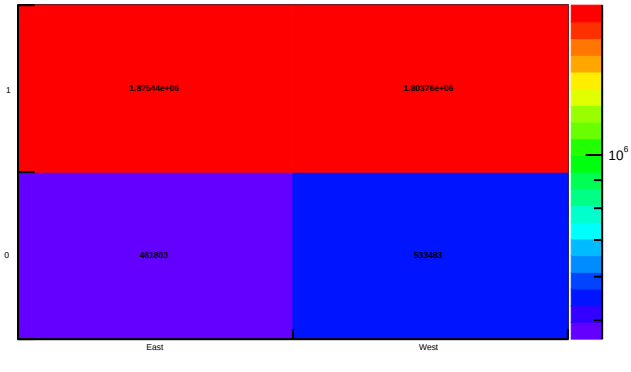
VT201 Input Ch4: VPD Tac Diff



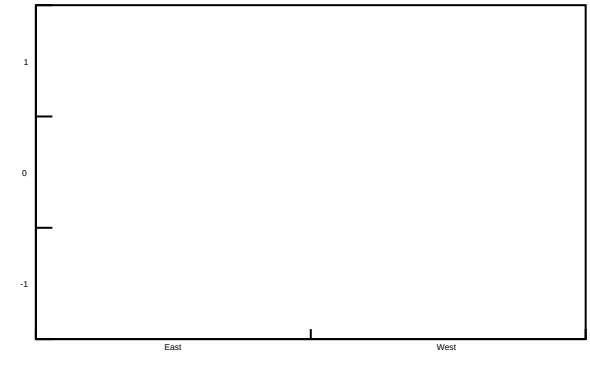
VT201 Input Ch4: VPD Tac Diff

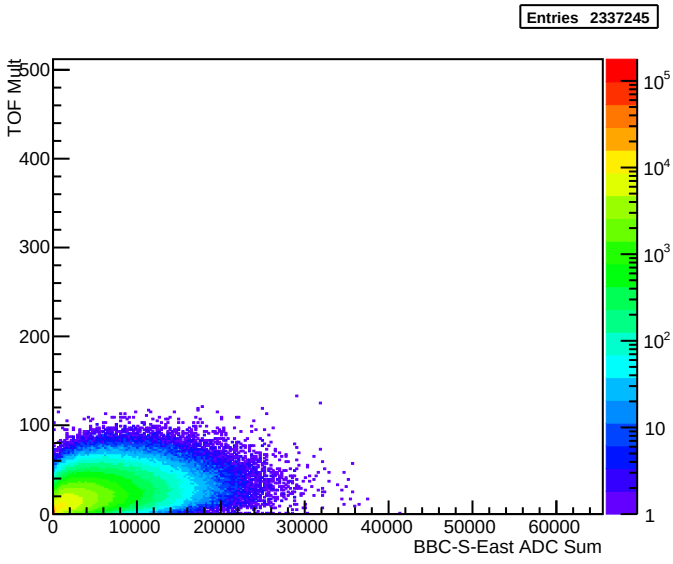


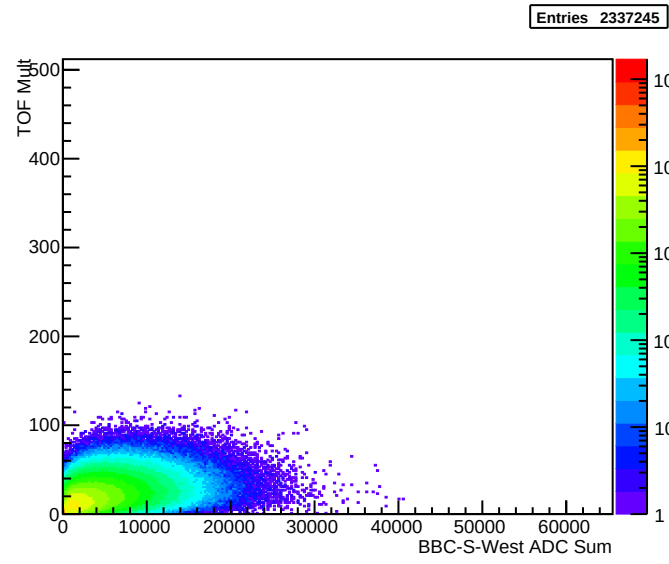
VT201 Input Ch4: VPD Adc Sum Th

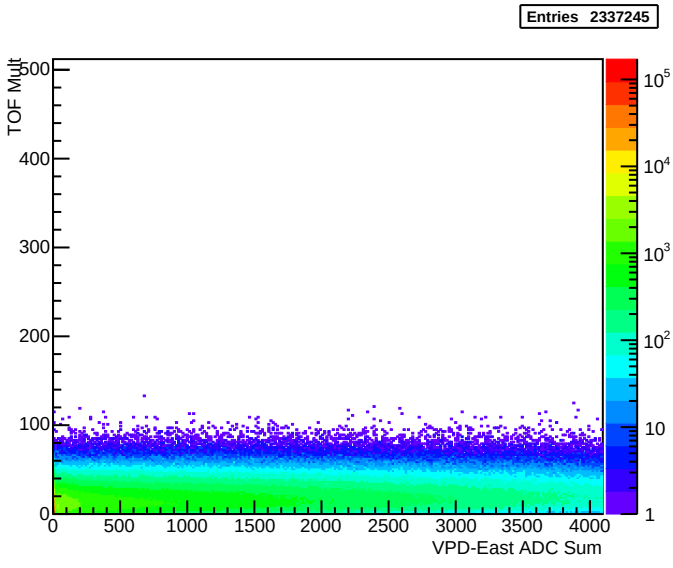


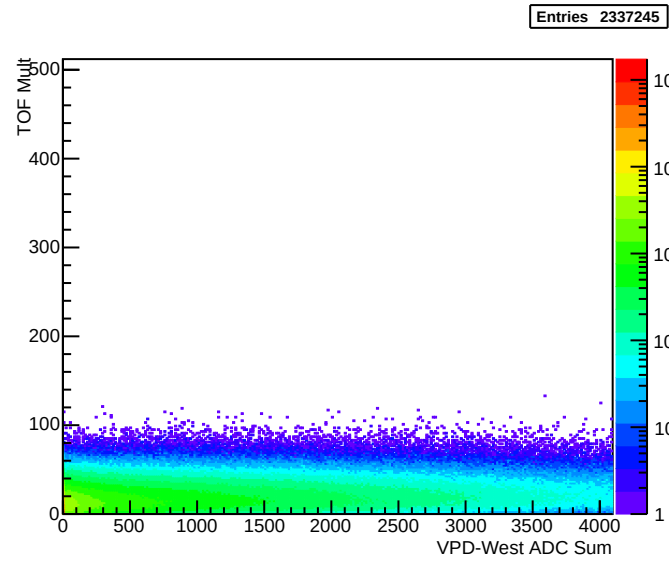
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

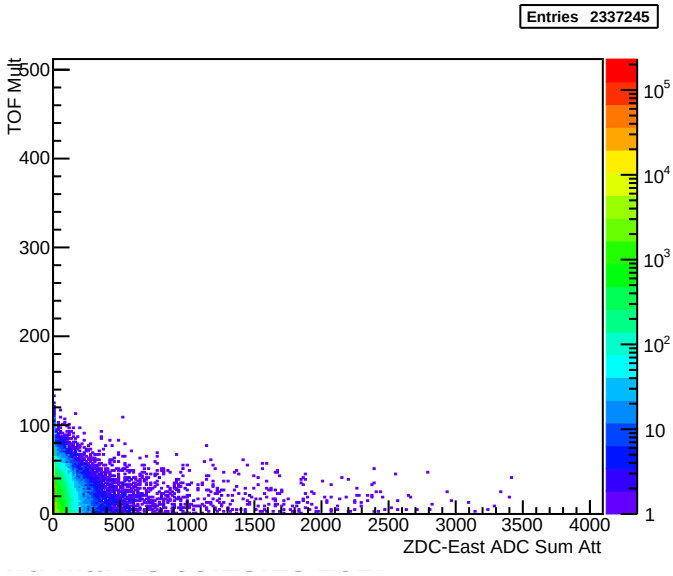


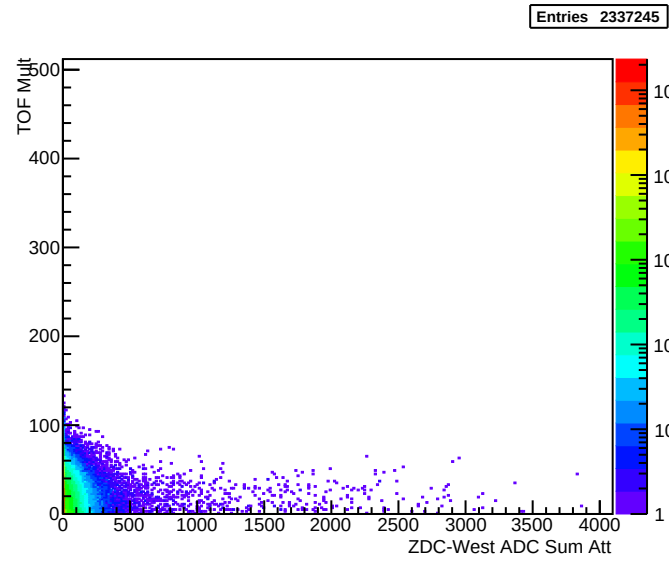

Entries 2337245
TOF Mult
BBC-S-East ADC Sum

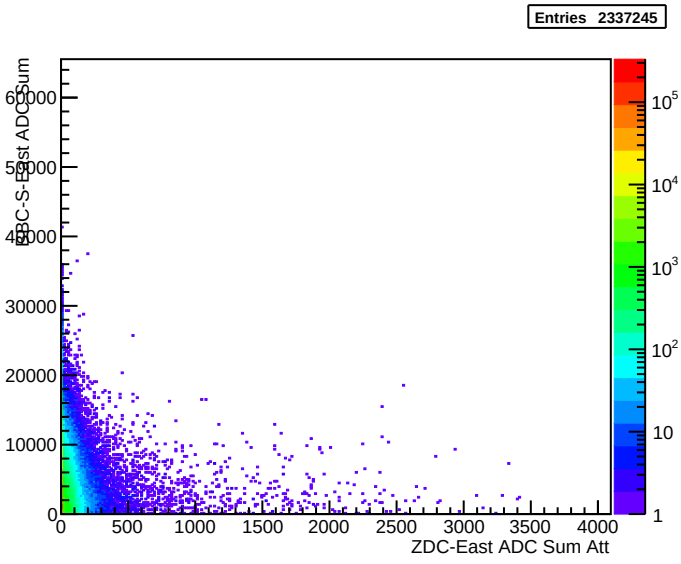

Entries 2337245
TOF Mult
BBC-S-West ADC Sum

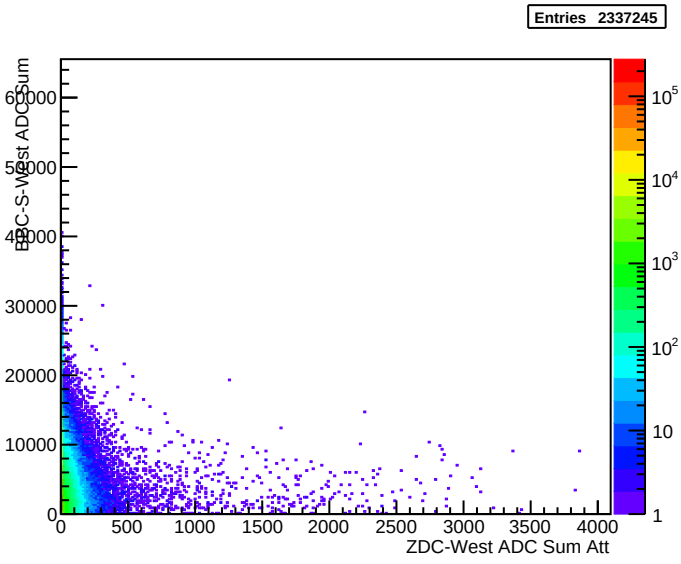

Entries 2337245
TOF Mult
VPD-East ADC Sum

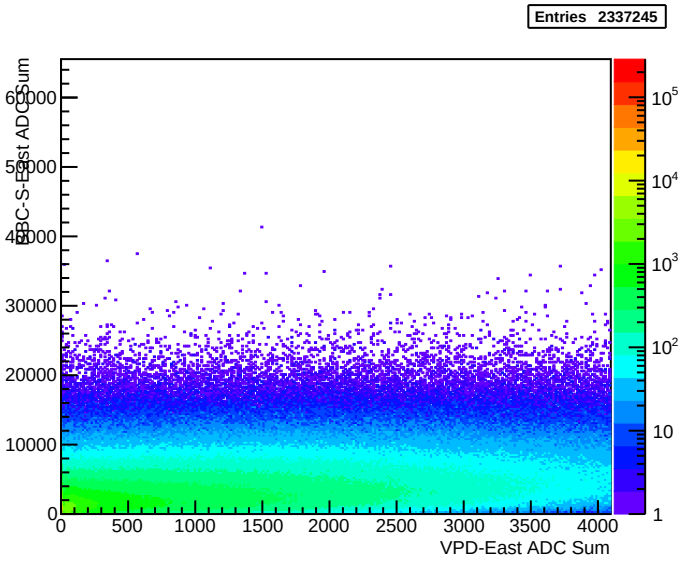

Entries 2337245
TOF Mult
VPD-West ADC Sum

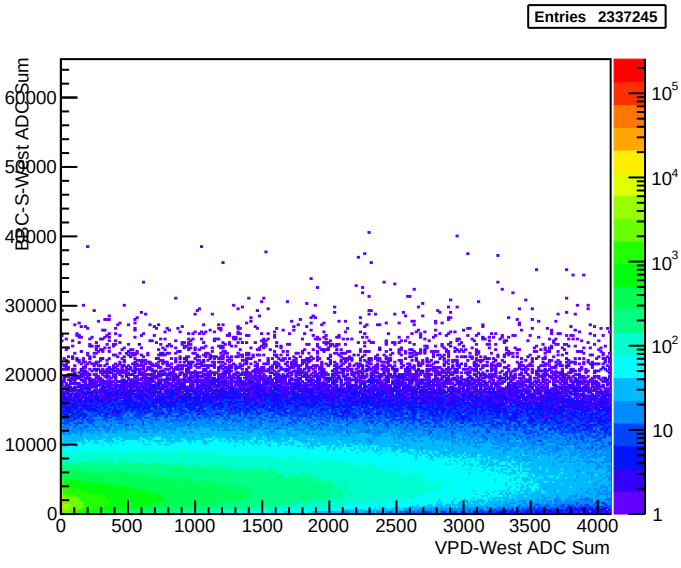

Entries 2337245
TOF Mult
ZDC-East ADC Sum Att

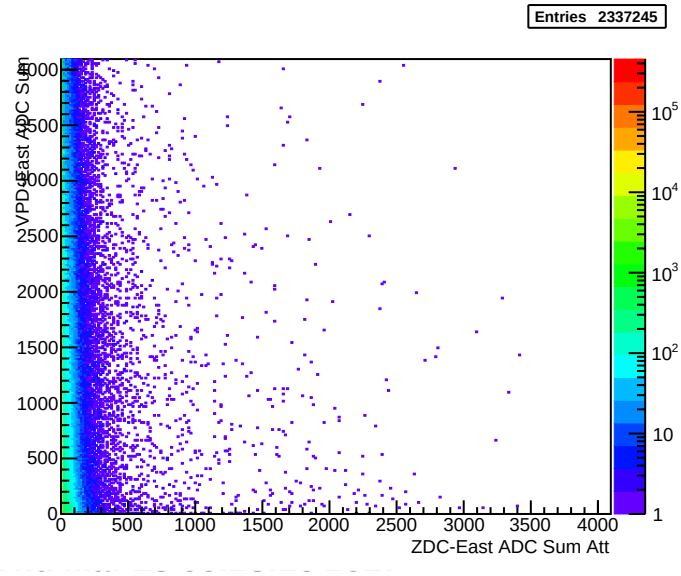

Entries 2337245
TOF Mult
ZDC-West ADC Sum Att

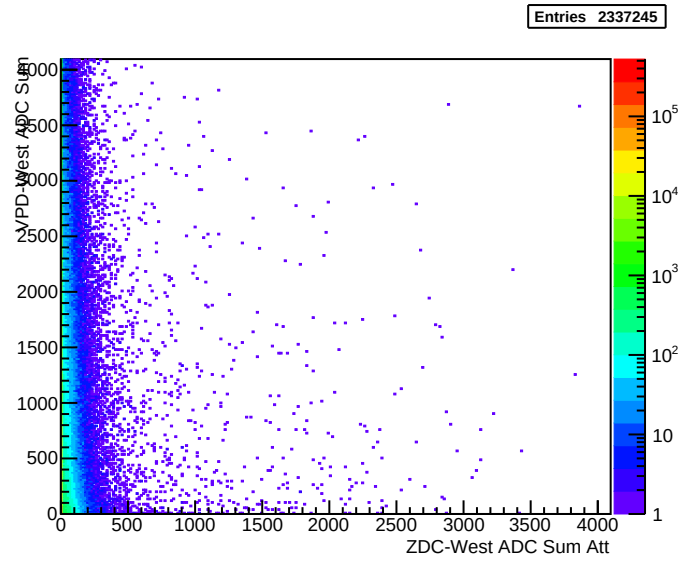

Entries 2337245
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

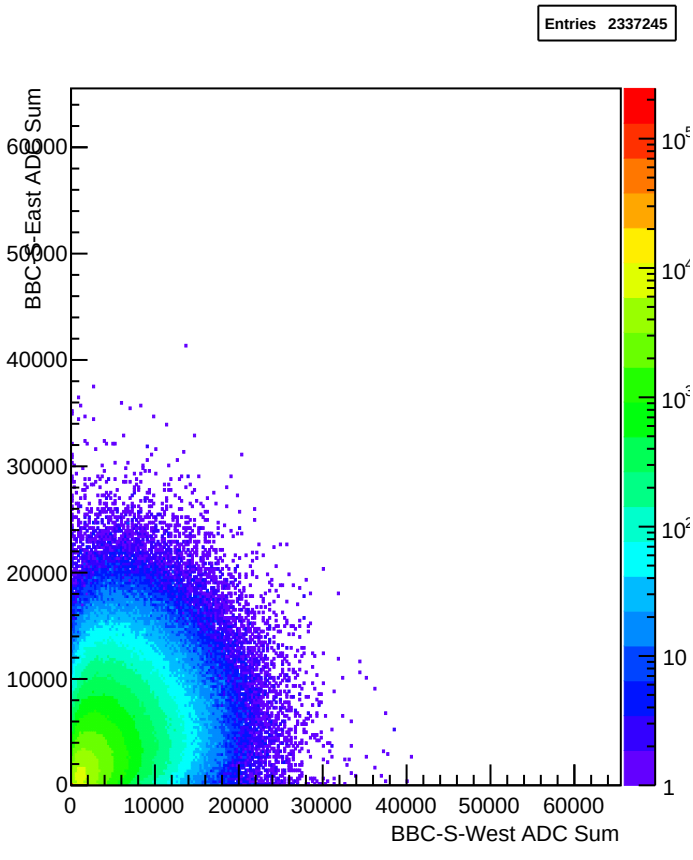

Entries 2337245
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

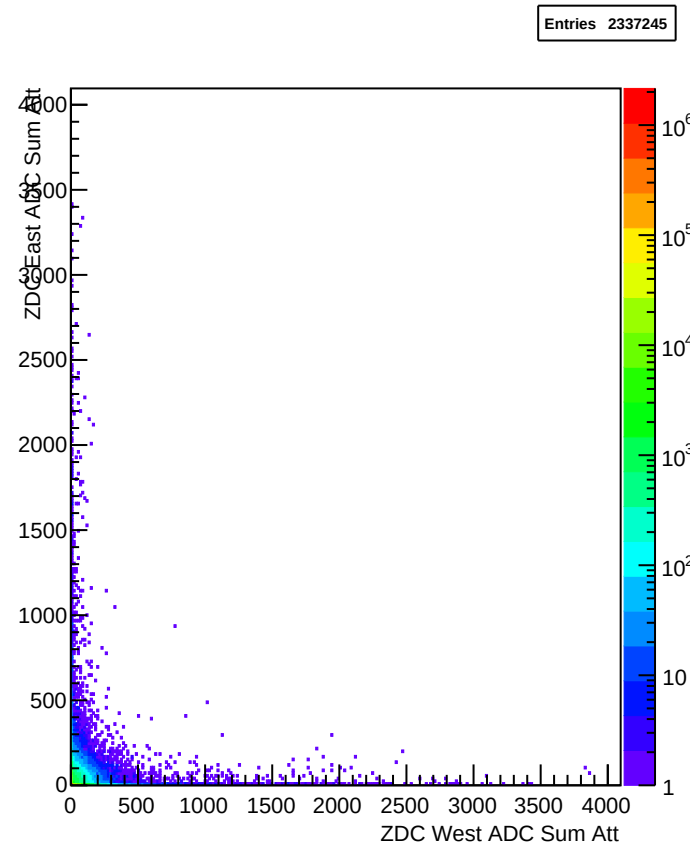

Entries 2337245
BBC-S-East ADC Sum
VPD-East ADC Sum

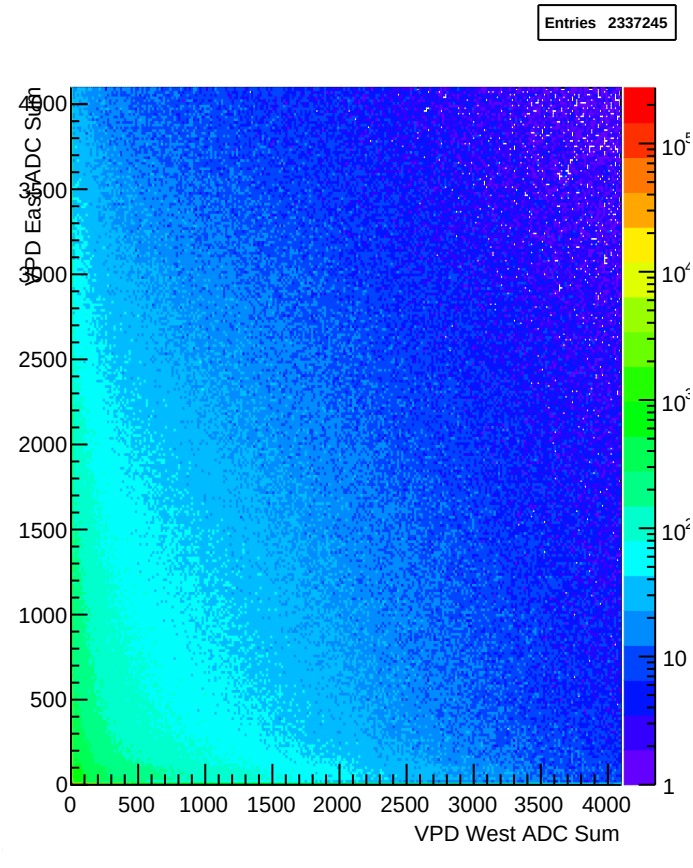

Entries 2337245
BBC-S-West ADC Sum
VPD-West ADC Sum

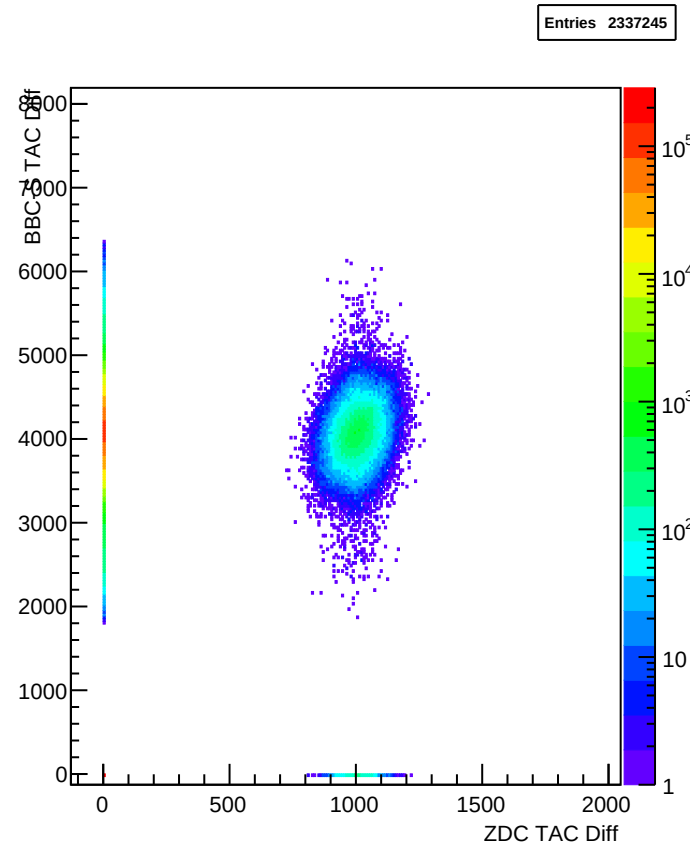

Entries 2337245
VPD-East ADC Sum
ZDC-East ADC Sum Att

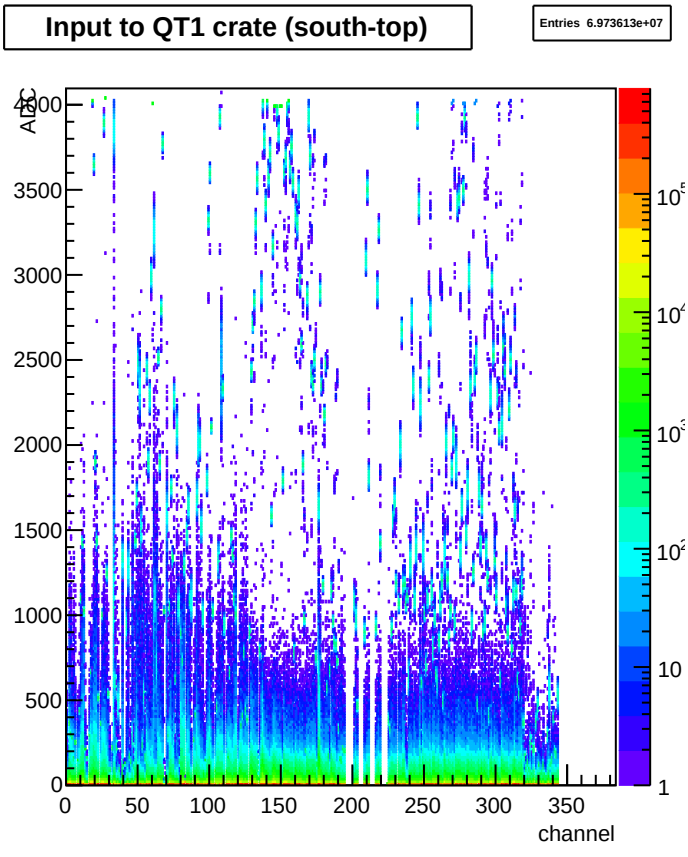

Entries 2337245
VPD-West ADC Sum
ZDC-West ADC Sum Att

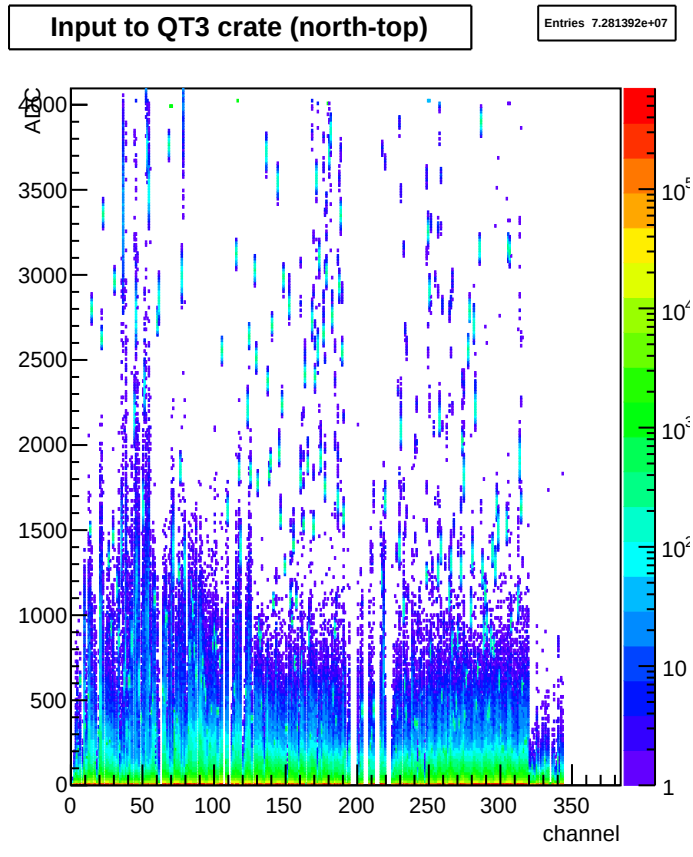

Entries 2337245
BBC-S-East ADC Sum
BBC-S-West ADC Sum

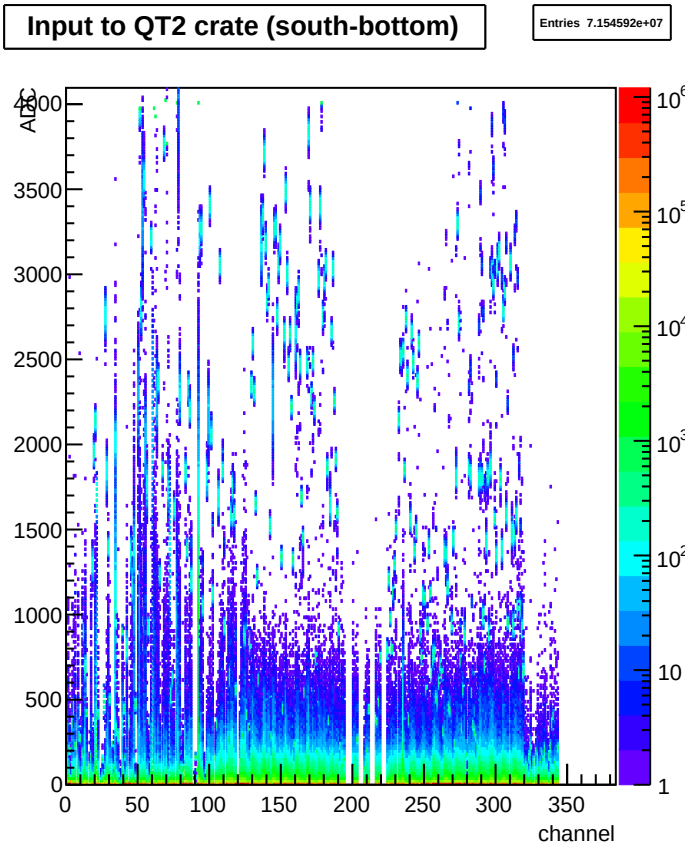

Entries 2337245
ZDC East ADC Sum Att
ZDC West ADC Sum Att

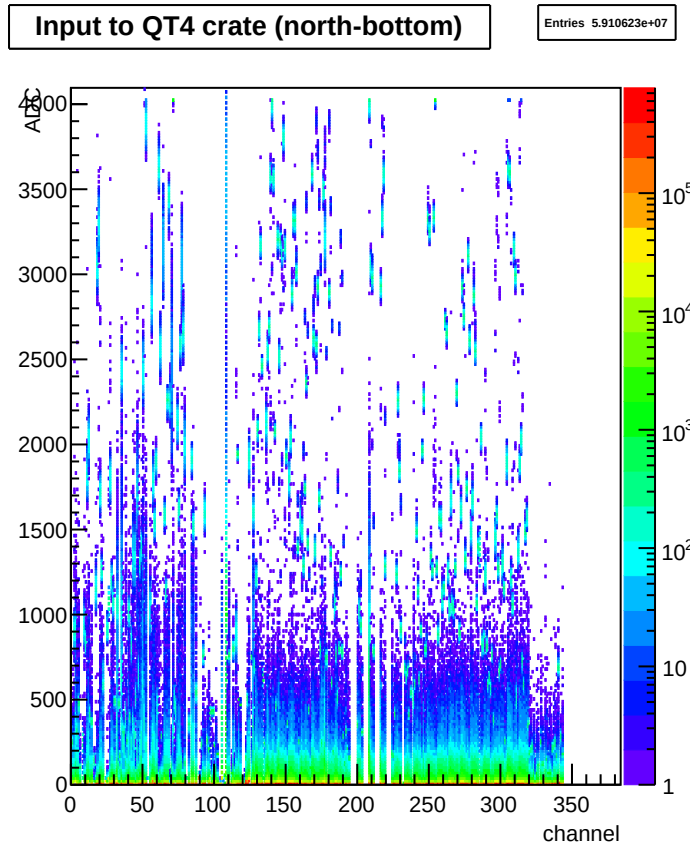

Entries 2337245
VPD East ADC Sum
VPD West ADC Sum

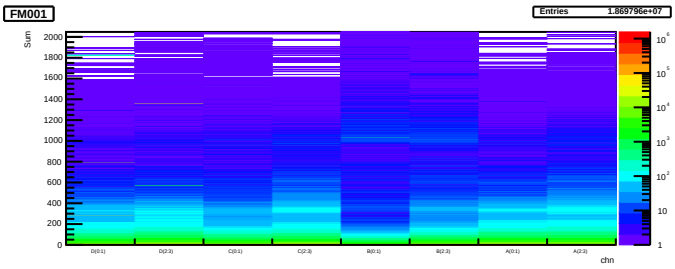

Entries 2337245
BBC-S TAC Diff
ZDC TAC Diff

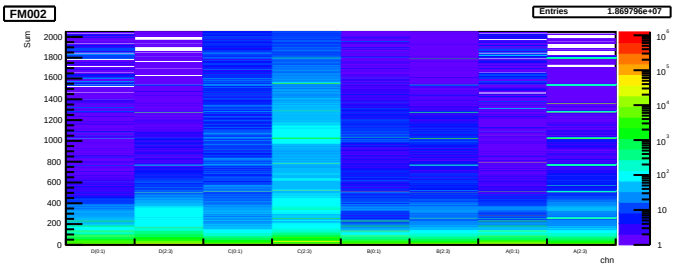

Input to QT1 crate (south-top)
Entries 6.973613e+07
ADC
channel

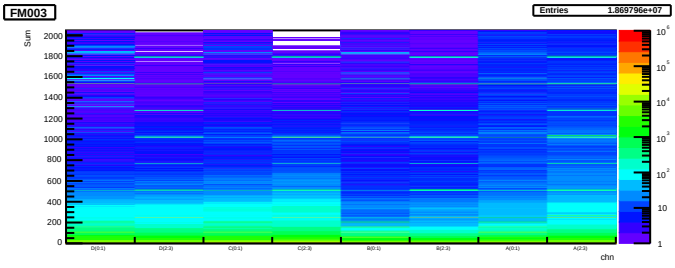

Input to QT3 crate (north-top)
Entries 7.281392e+07
ADC
channel


Input to QT2 crate (south-bottom)
Entries 7.154592e+07
ADC
channel


Input to QT4 crate (north-bottom)
Entries 5.910623e+07
ADC
channel


FM001
Entries 1.869796e+07
Sum
chn


FM002
Entries 1.869796e+07
Sum
chn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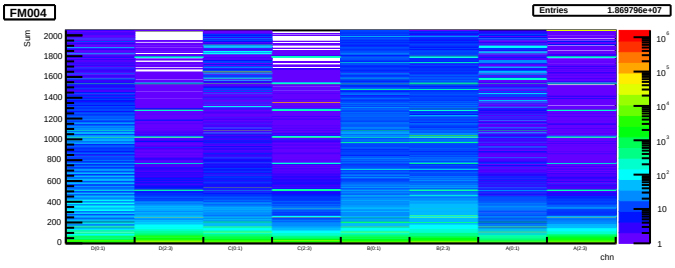
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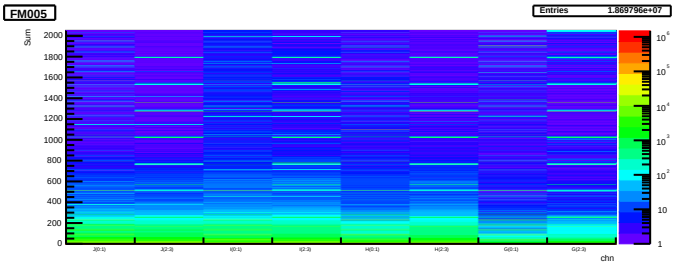
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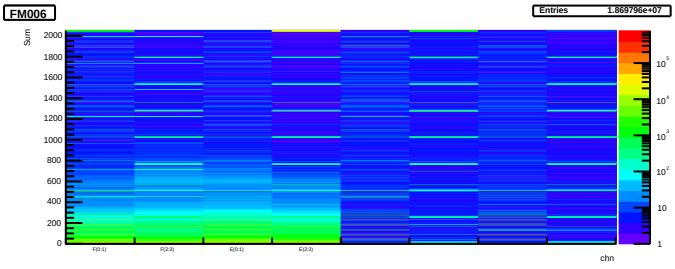
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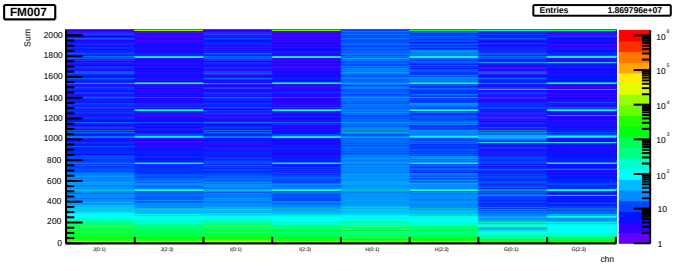
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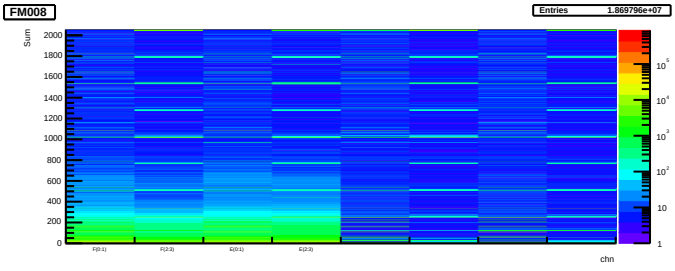
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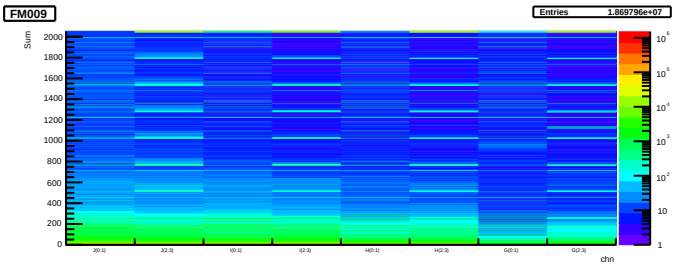
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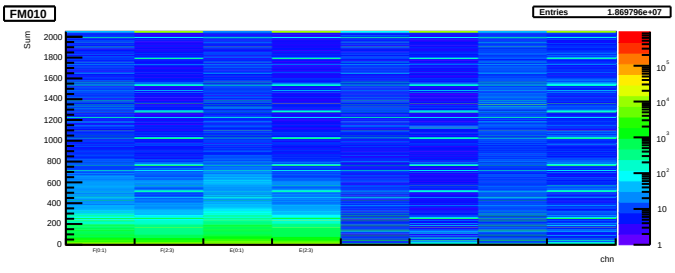
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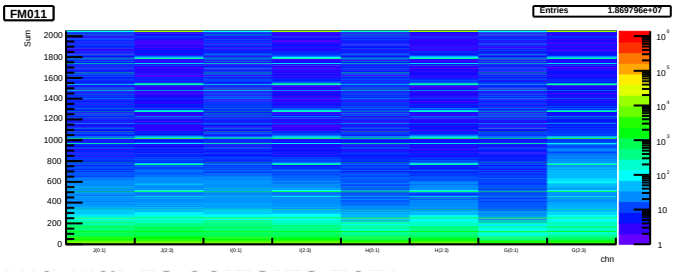
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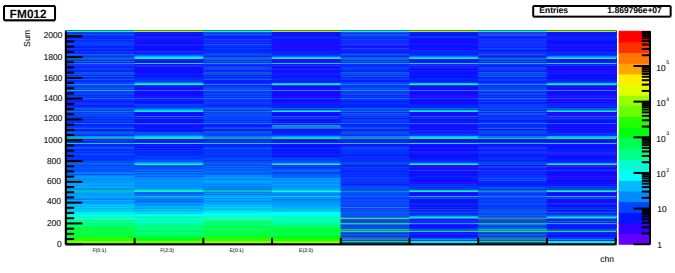
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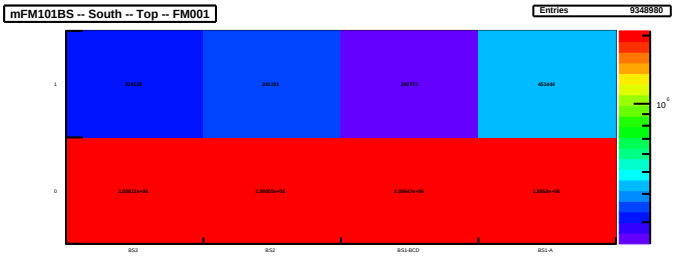
mFM101BS -- South -- Top -- FM001
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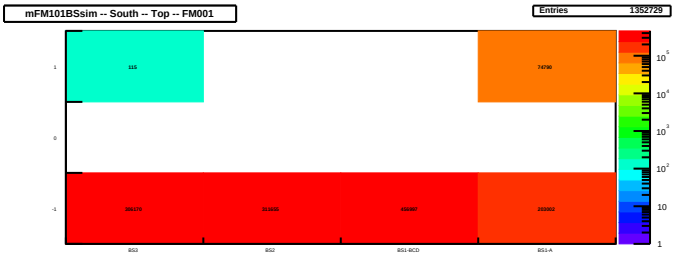
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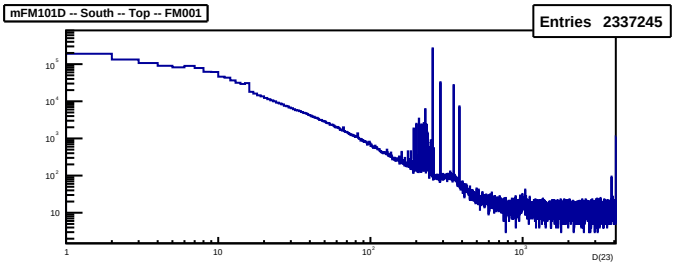
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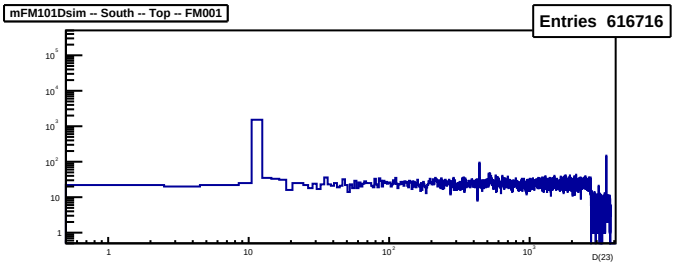
D(23)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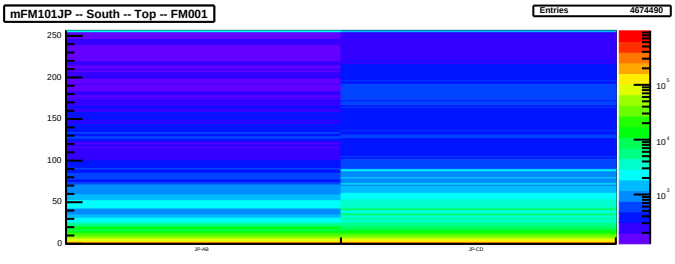
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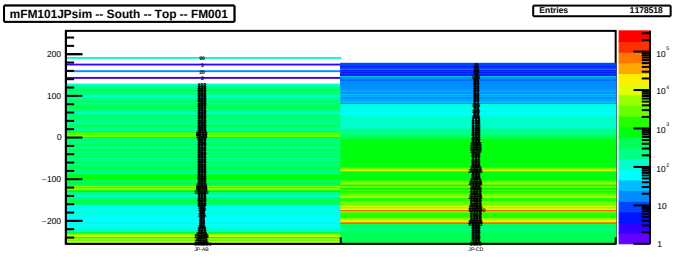
Entries 4674490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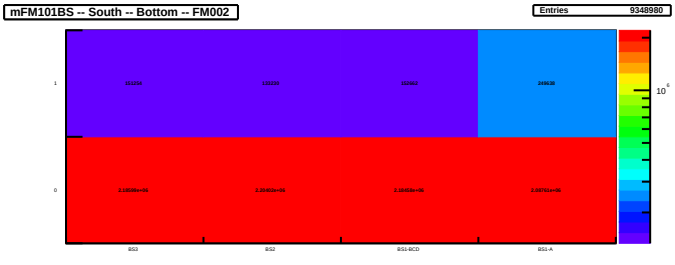
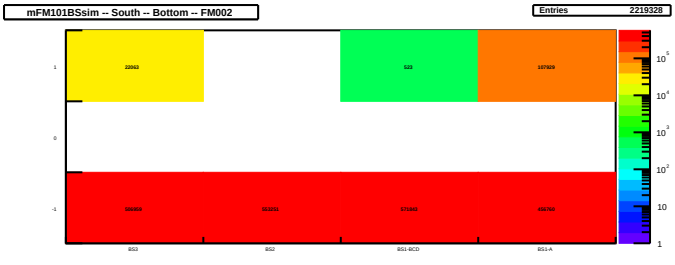

mFM101BS -- South -- Bottom -- FM002
Entries 9348980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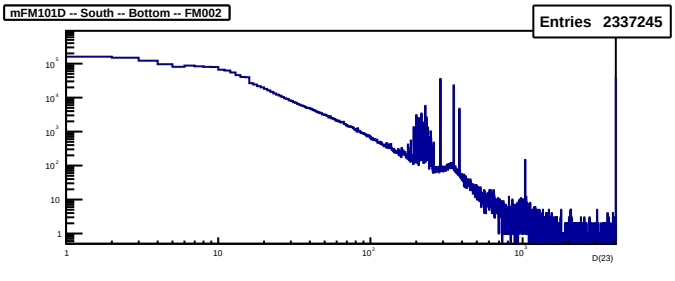
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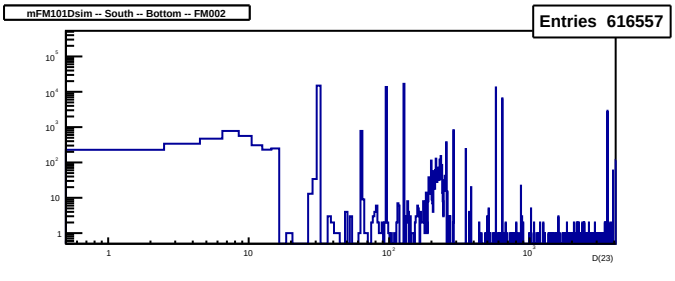
Entries 2337245
D(23)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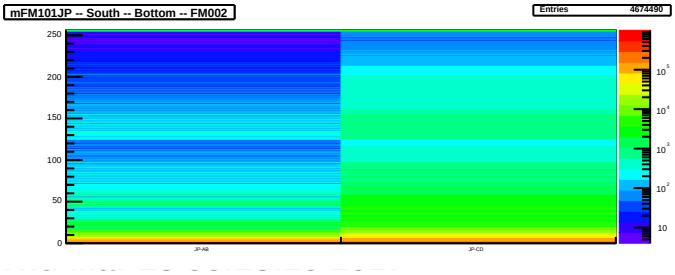
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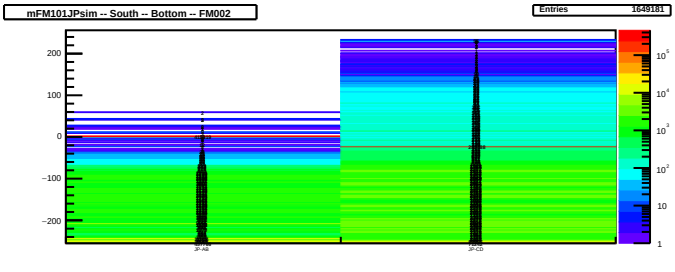
Entries 4674490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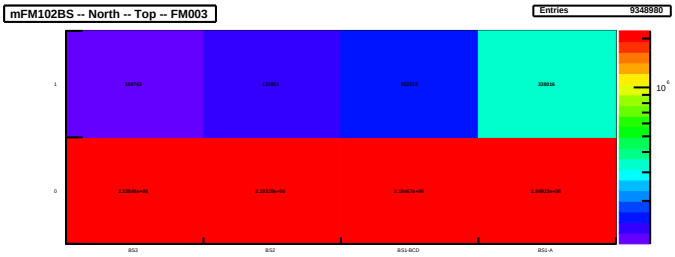
mFM102BS -- North -- Top -- FM003
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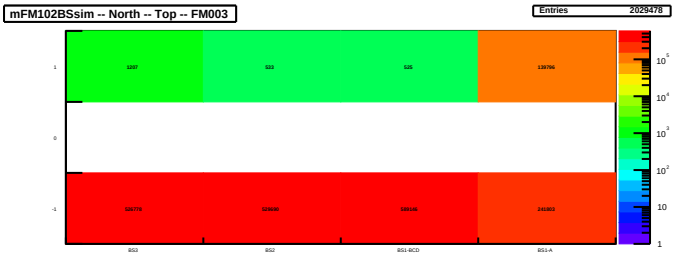
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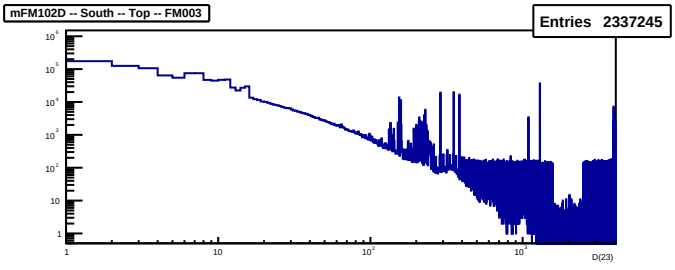
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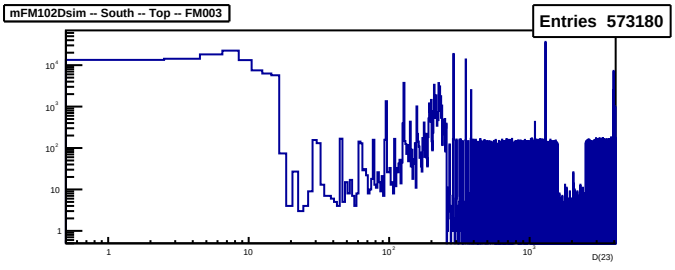
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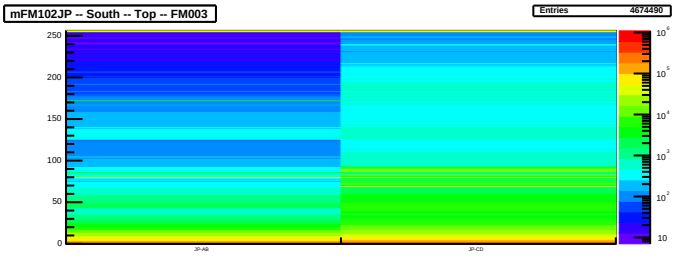
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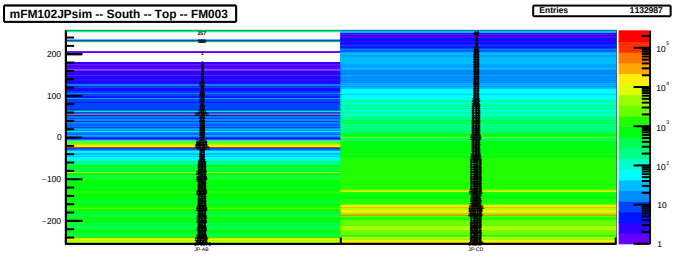
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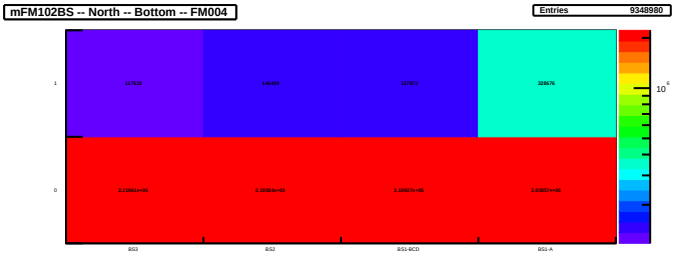
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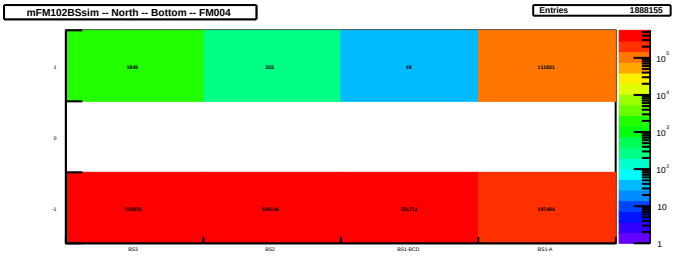
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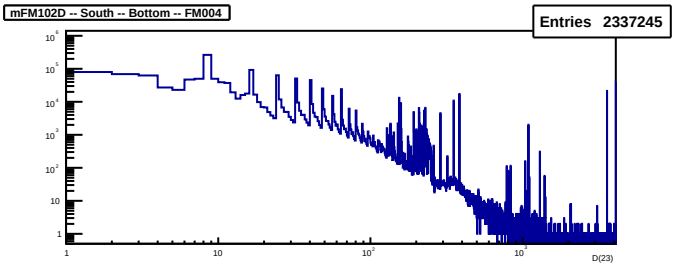
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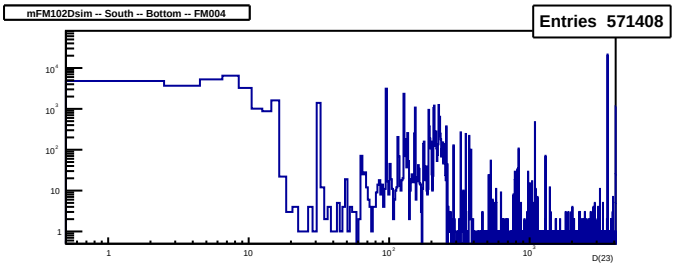
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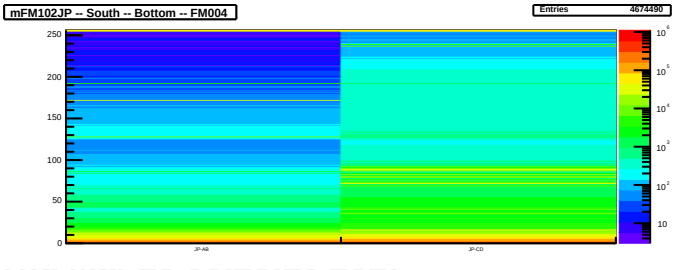
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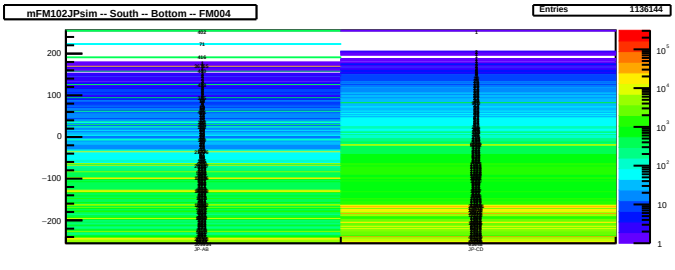
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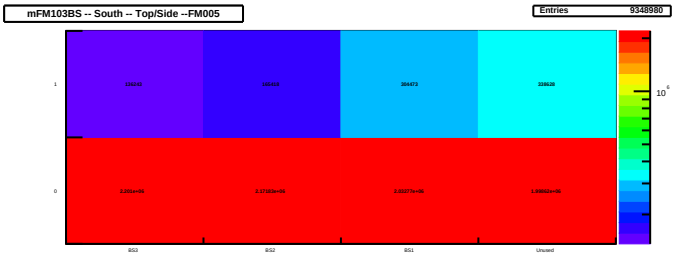
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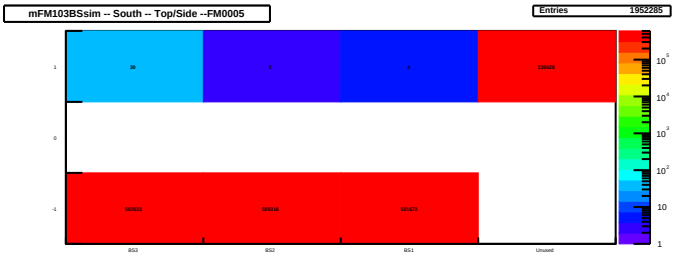
Entries 9348980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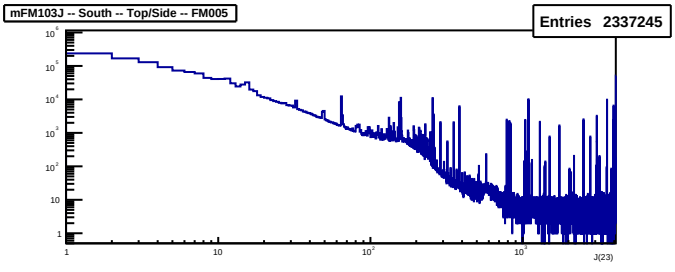
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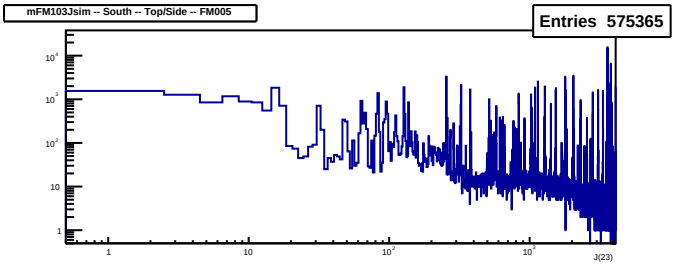
Entries 2337245
J(23)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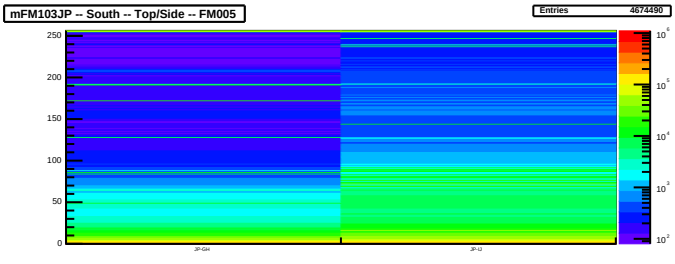
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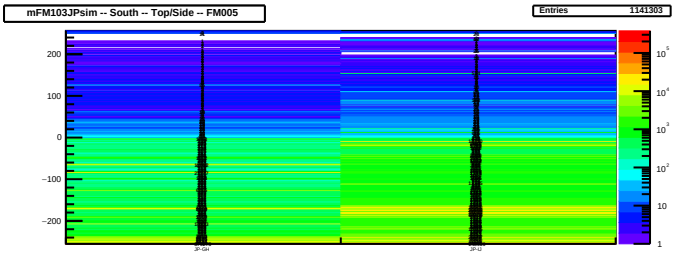
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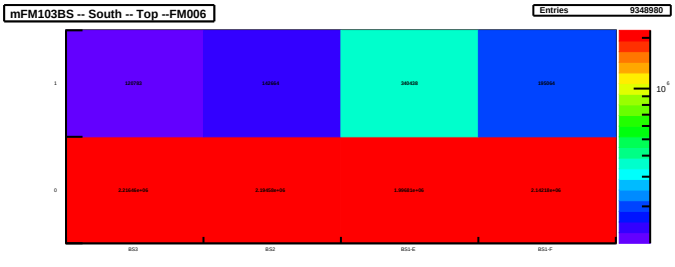
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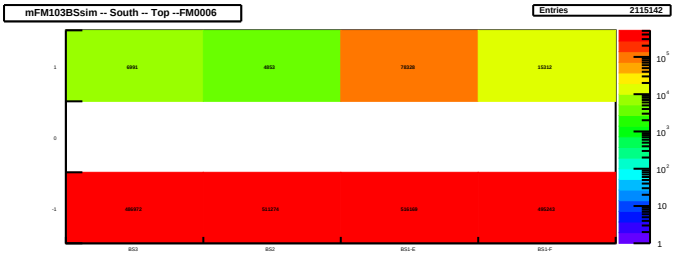
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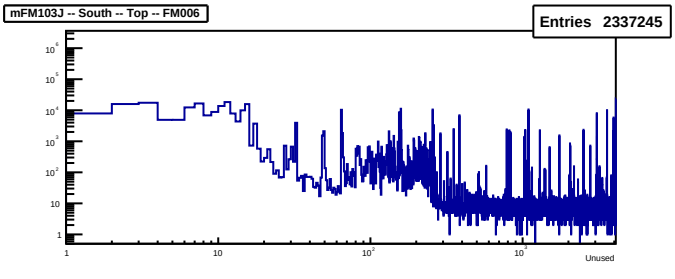
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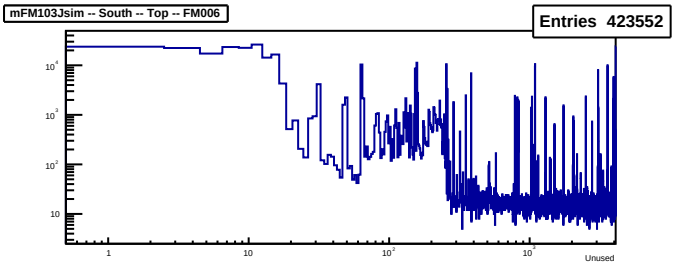
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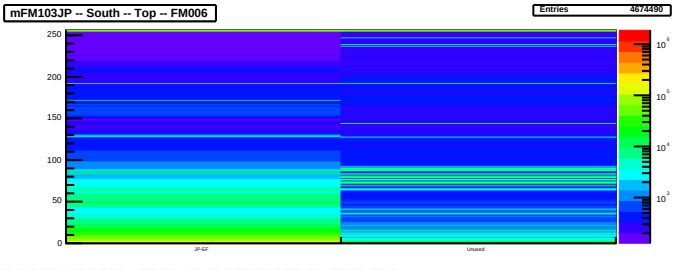
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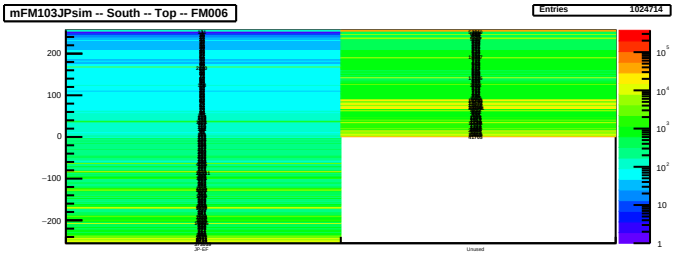
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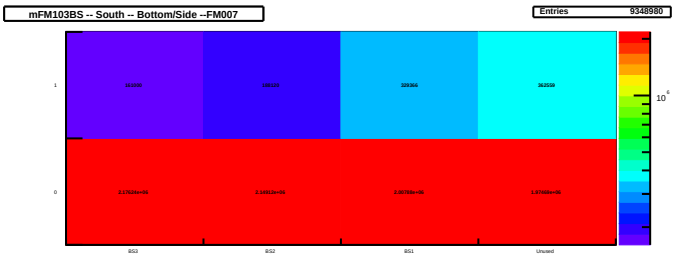
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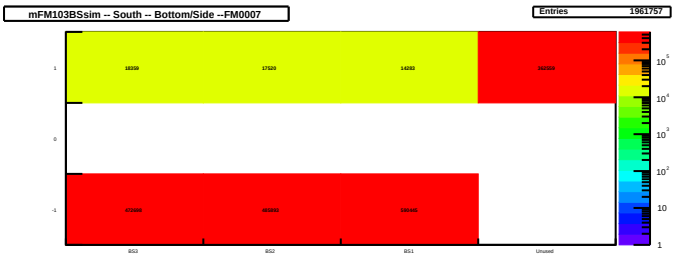
Entries 9348980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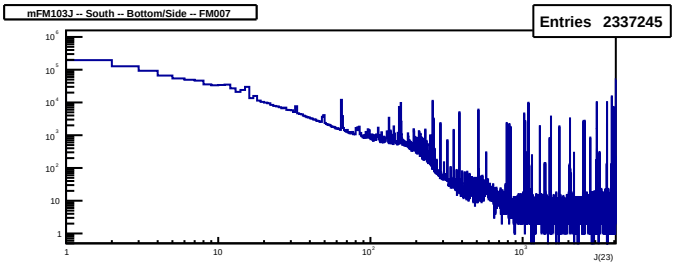
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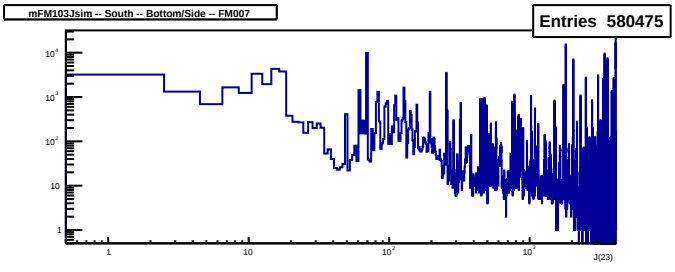
J(23)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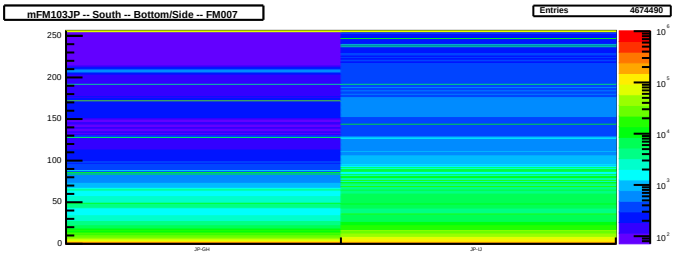
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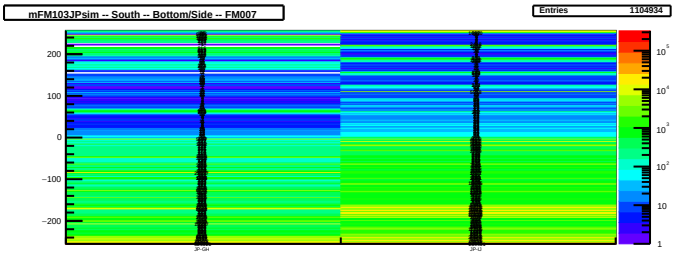
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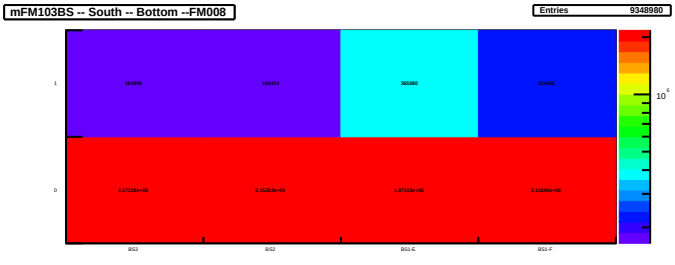
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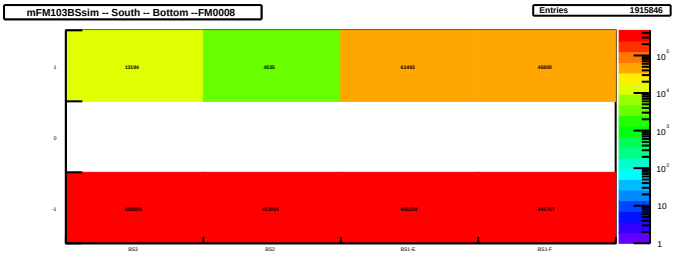
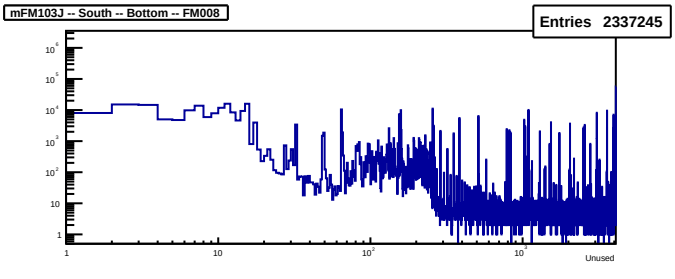
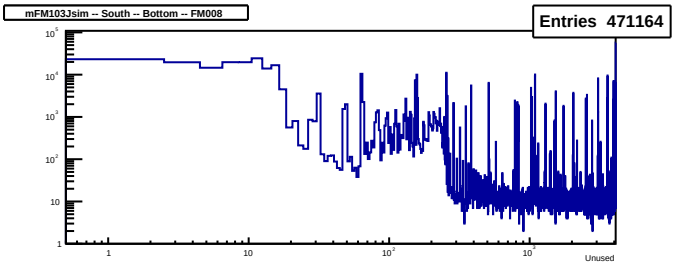
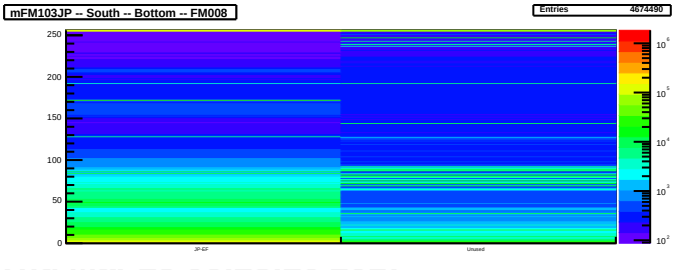
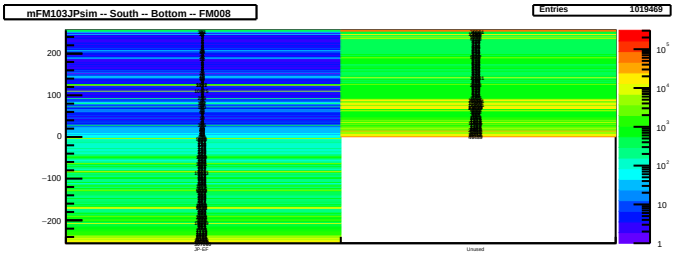
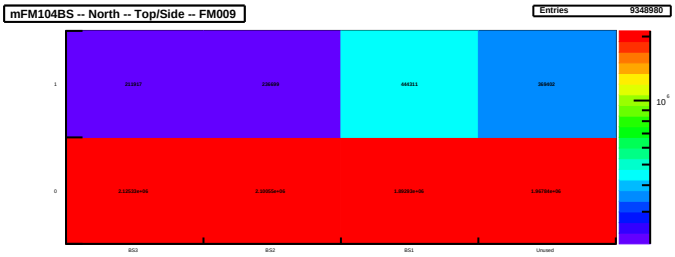

mFM103BSsim -- South -- Bottom --FM0008
Entries 1915846

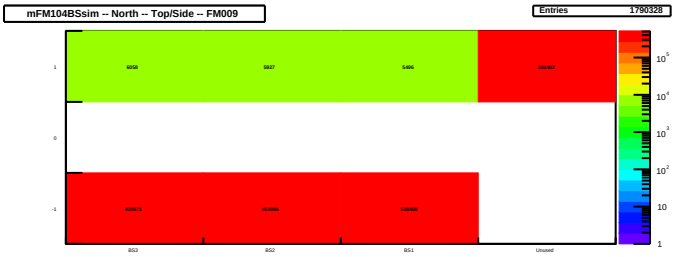

mFM103J -- South -- Bottom -- FM008
Entries 2337245
Unused

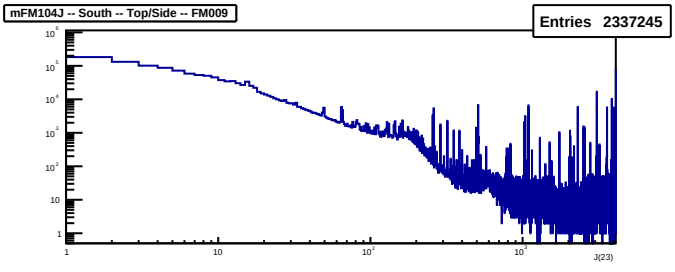

mFM103Jsim -- South -- Bottom -- FM008
Entries 471164
Unused

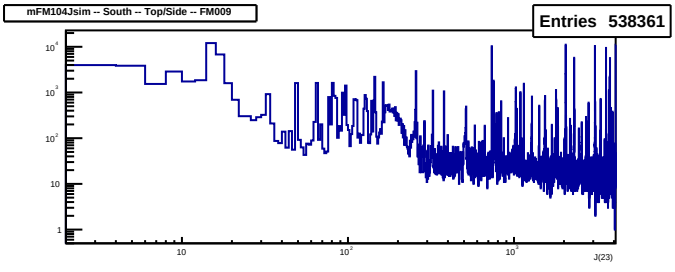

mFM103JP -- South -- Bottom -- FM008
Entries 4674490


mFM103JPsim -- South -- Bottom -- FM008
Entries 1019469


mFM104BS -- North -- Top/Side -- FM009
Entries 9348980


mFM104BSsim -- North -- Top/Side -- FM009
Entries 1790328


mFM104J -- South -- Top/Side -- FM009
Entries 2337245
J(23)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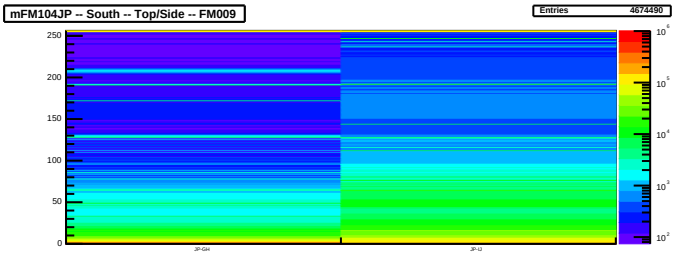
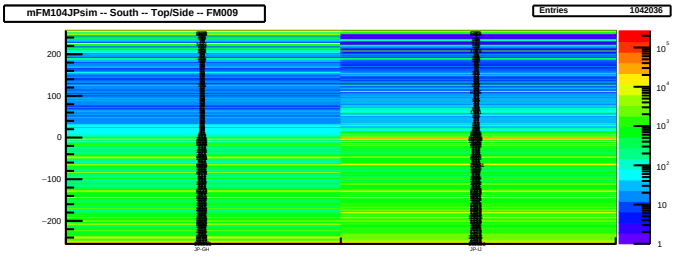
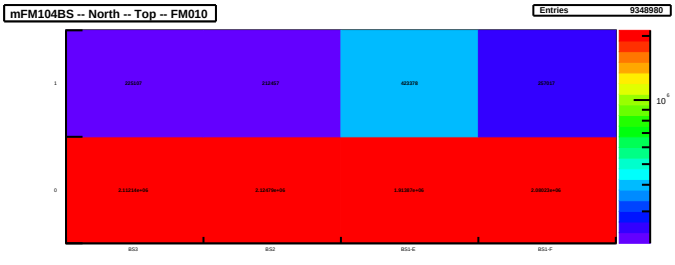
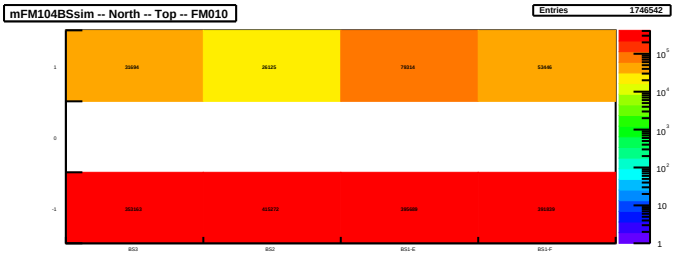
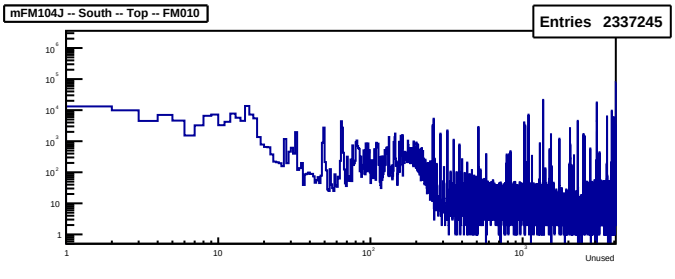
Entries 538361
J(23)

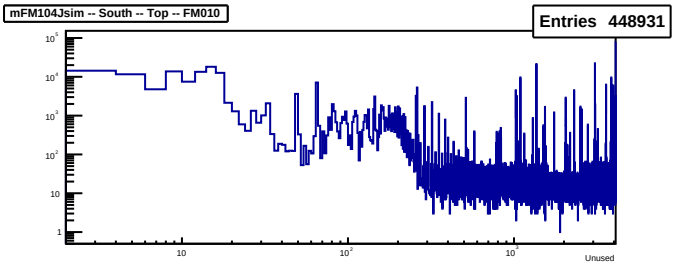

mFM104JP -- South -- Top/Side -- FM009
Entries 4674490

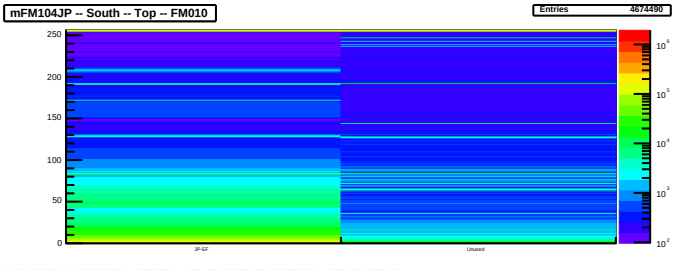

mFM104JPsim -- South -- Top/Side -- FM009
Entries 1042036

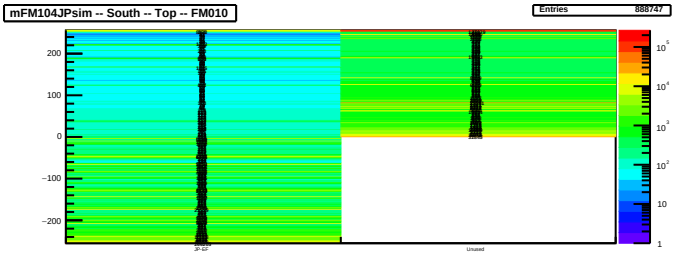

mFM104BS -- North -- Top -- FM010
Entries 9348980

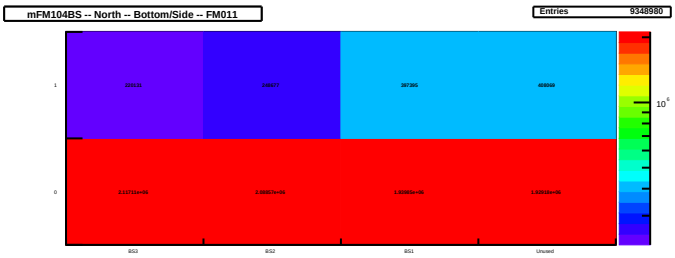

mFM104BSsim -- North -- Top -- FM010
Entries 1746542

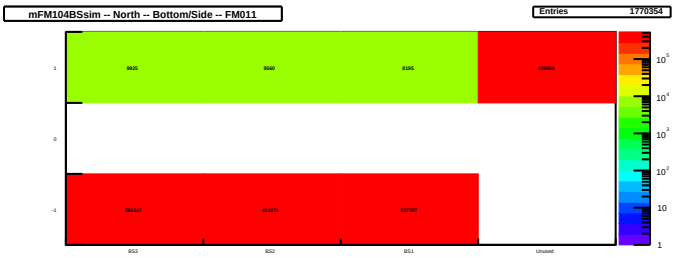

mFM104J -- South -- Top -- FM010
Entries 2337245
Unused

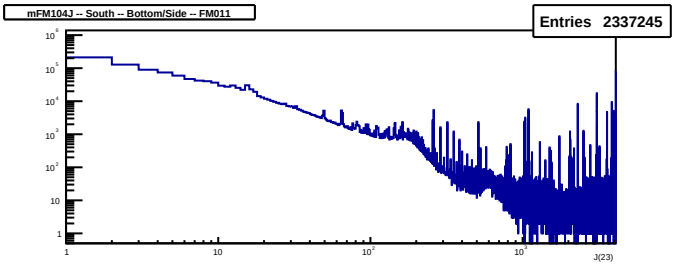

mFM104Jsim -- South -- Top -- FM010
Entries 448931
Unused

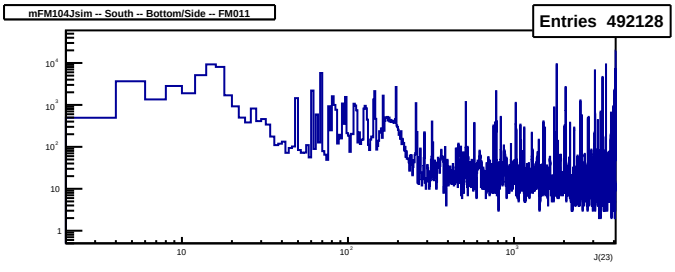

mFM104JP -- South -- Top -- FM010
Entries 4674490

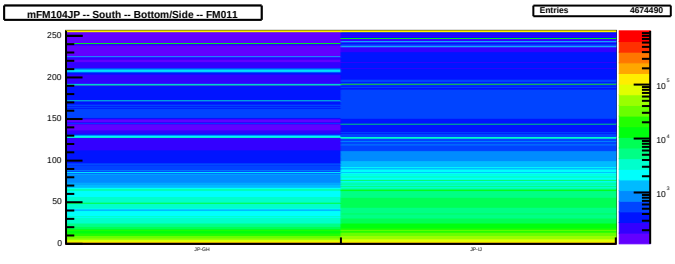

mFM104JPsim -- South -- Top -- FM010
Entries 888747

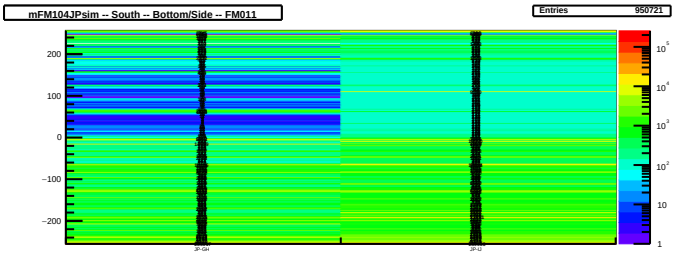

mFM104BS -- North -- Bottom/Side -- FM011
Entries 9348980

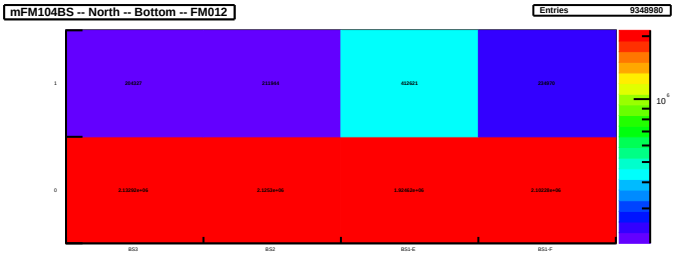

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 1770354

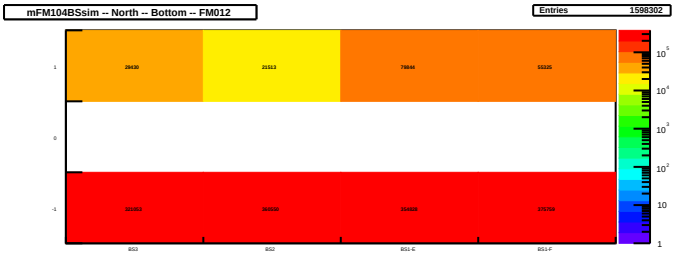

mFM104J -- South -- Bottom/Side -- FM011
Entries 2337245
J(23)

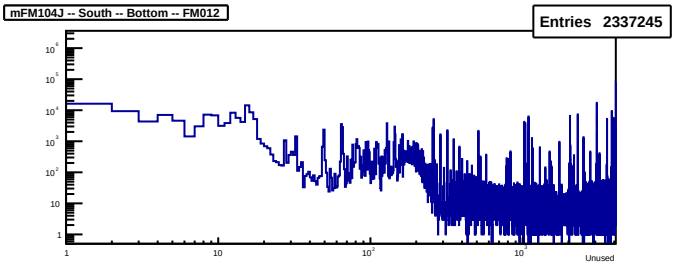

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 492128
J(23)

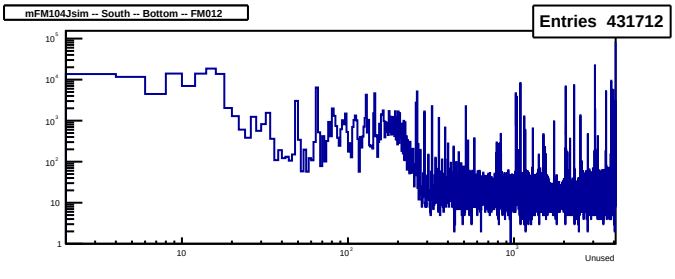

mFM104JP -- South -- Bottom/Side -- FM011
Entries 4674490

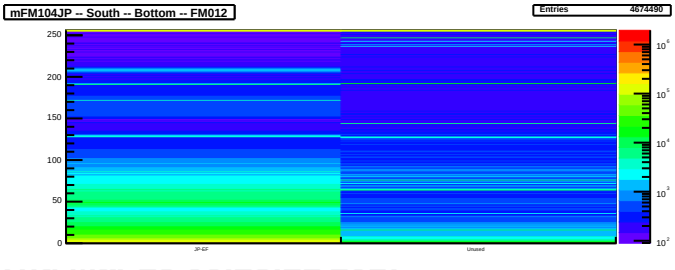

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 950721

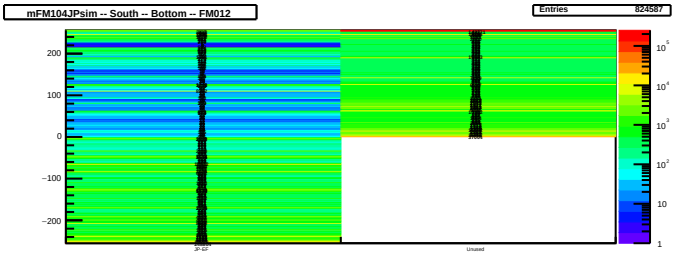

mFM104BS -- North -- Bottom -- FM012
Entries 9348980

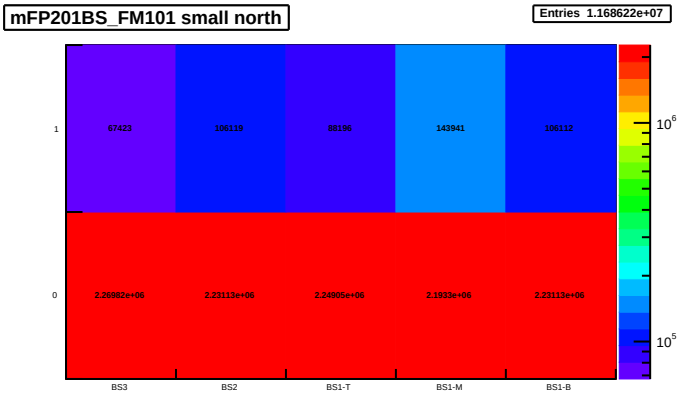

mFM104BSsim -- North -- Bottom -- FM012
Entries 1598302

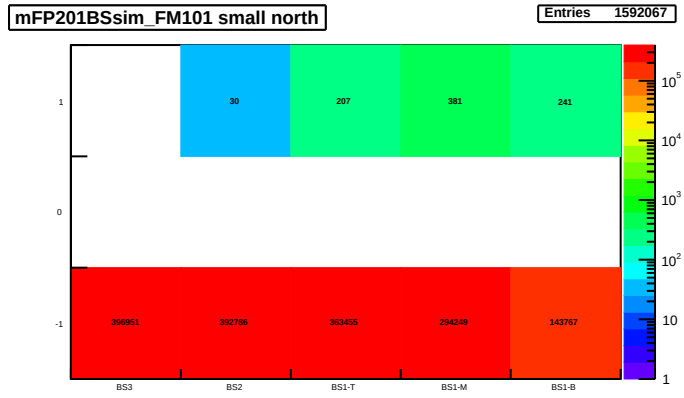

mFM104J -- South -- Bottom -- FM012
Entries 2337245
Unused

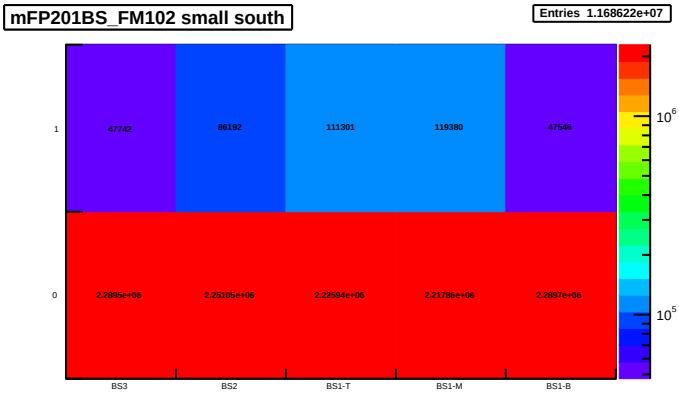

mFM104Jsim -- South -- Bottom -- FM012
Entries 431712
Unused

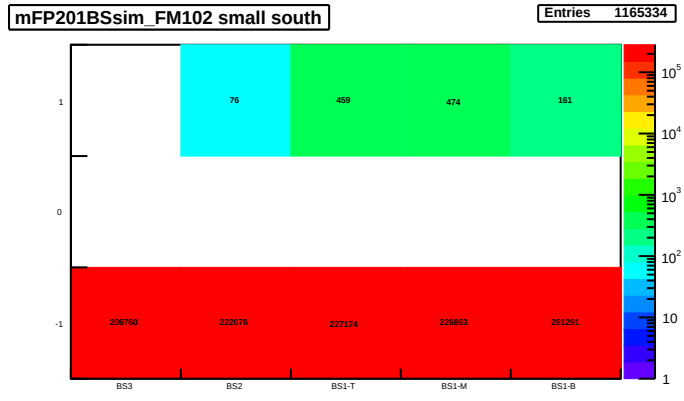

mFM104JP -- South -- Bottom -- FM012
Entries 4674490

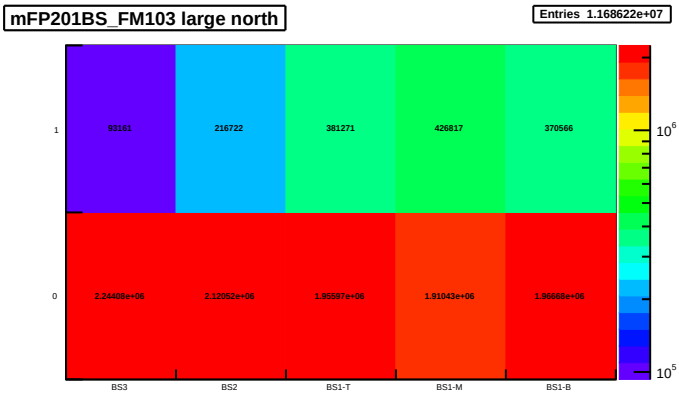

mFM104JPsim -- South -- Bottom -- FM012
Entries 824587

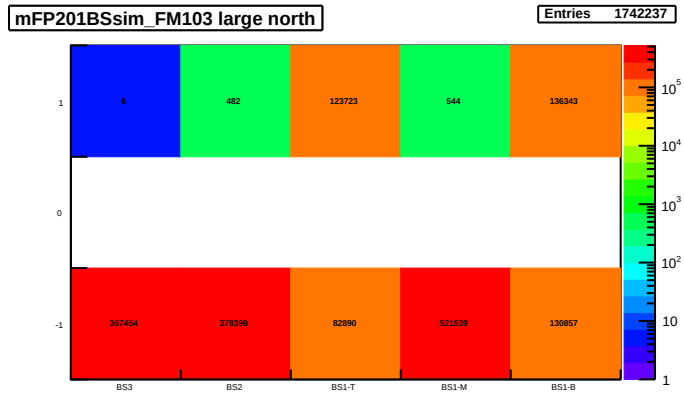

mFP201BS_FM101 small north
Entries 1.168622e+07
1
0
67423
106119
86196
143941
106112
2.26982e+06
2.23113e+06
2.24905e+06
2.1933e+06
2.23113e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6
10^5

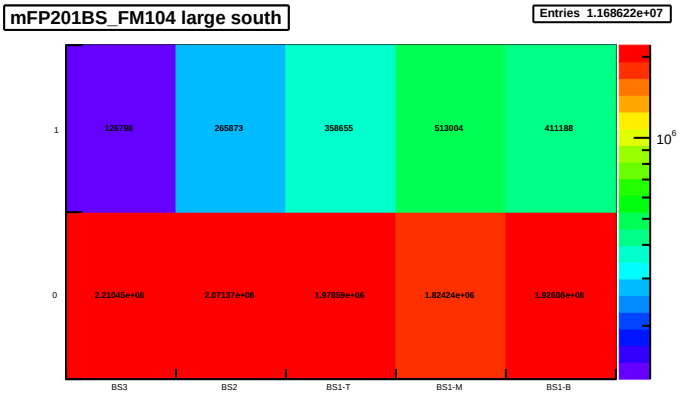

mFP201BSsim_FM101 small north
Entries 1592067
1
0
-1
30
207
381
241
396951
392786
363455
294249
143767
BS3
BS2
BS1-T
BS1-M
BS1-B
10^5
10^4
10^3
10^2
10
1

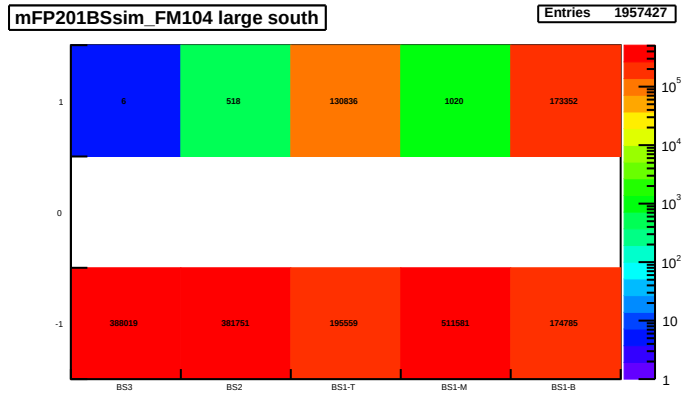

mFP201BS_FM102 small south
Entries 1.168622e+07
1
0
47742
86192
111301
119380
47546
2.2895e+06
2.25105e+06
2.22594e+06
2.21786e+06
2.2897e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6
10^5

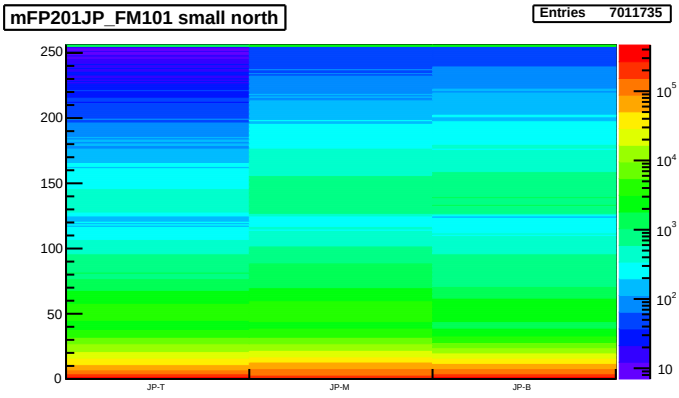

mFP201BSsim_FM102 small south
Entries 1165334
1
0
-1
76
459
474
161
206760
222076
227174
226863
281291
BS3
BS2
BS1-T
BS1-M
BS1-B
10^5
10^4
10^3
10^2
10
1

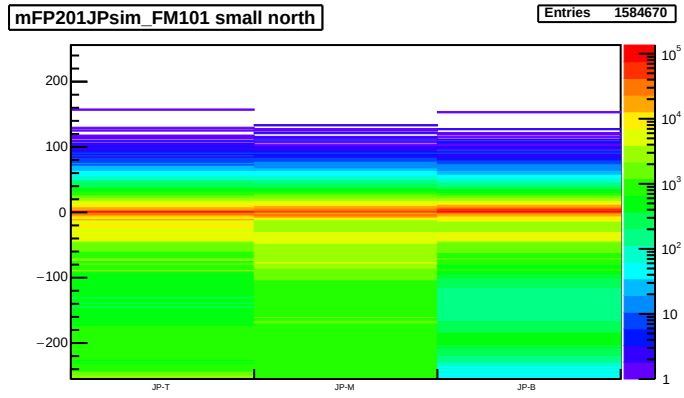

mFP201BS_FM103 large north
Entries 1.168622e+07
1
0
93161
216722
381271
426817
370566
2.24408e+06
2.12052e+06
1.95597e+06
1.91043e+06
1.96668e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6
10^5

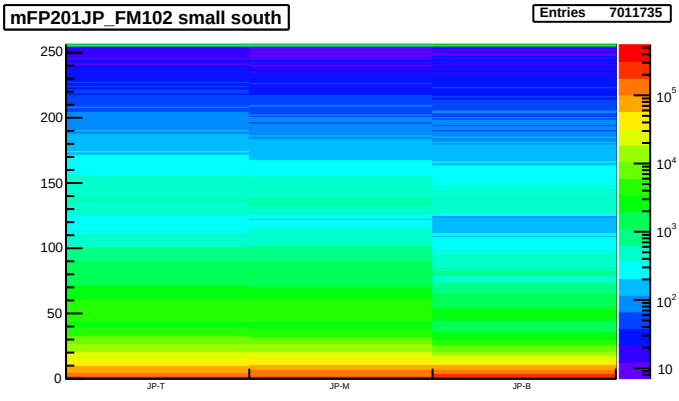

mFP201BSsim_FM103 large north
Entries 1742237
1
0
-1
6
482
123723
544
136343
367454
378399
82890
521539
130857
BS3
BS2
BS1-T
BS1-M
BS1-B
10^5
10^4
10^3
10^2
10
1

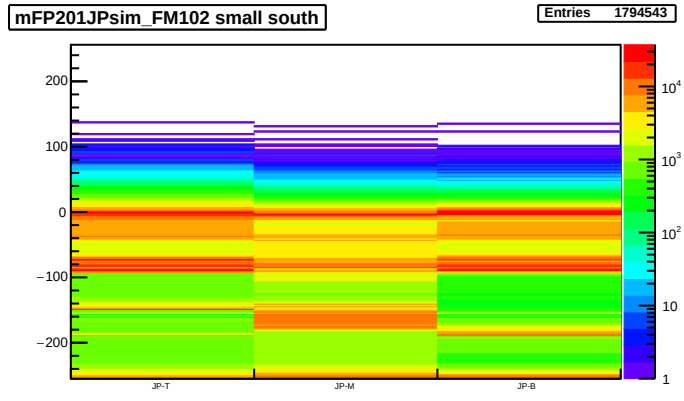

mFP201BS_FM104 large south
Entries 1.168622e+07
1
0
126798
265873
358655
513004
411188
2.21045e+06
2.07137e+06
1.97859e+06
1.82424e+06
1.92606e+06
BS3
BS2
BS1-T
BS1-M
BS1-B
10^6

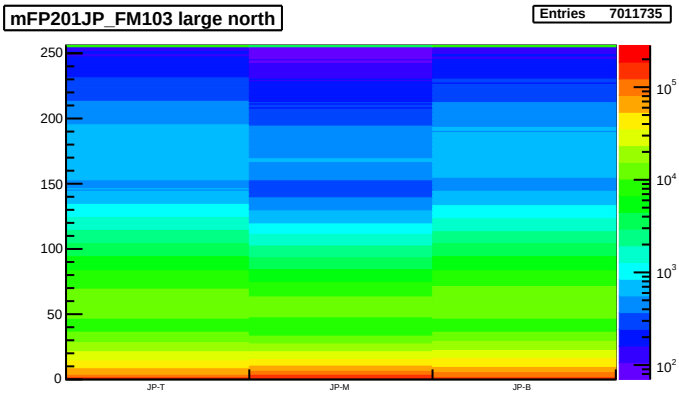

mFP201BSsim_FM104 large south
Entries 1957427
1
0
-1
6
518
130836
1020
173352
388019
381751
195559
511581
174785
BS3
BS2
BS1-T
BS1-M
BS1-B
10^5
10^4
10^3
10^2
10
1

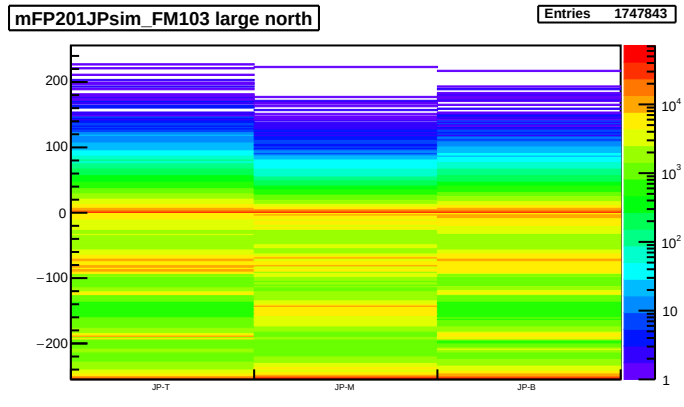

mFP201JP_FM101 small north
Entries 7011735
JP-T
JP-M
JP-B

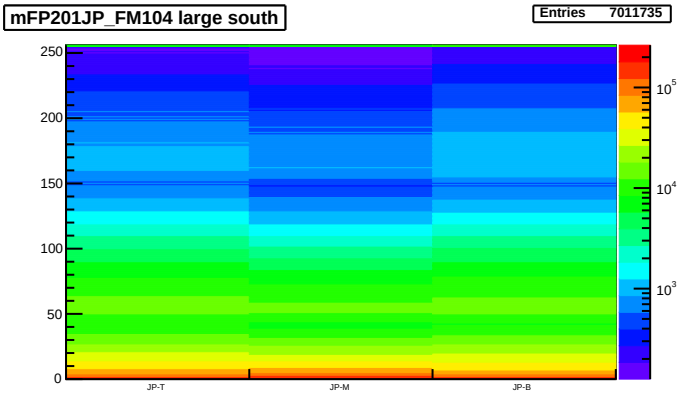

mFP201JPsim_FM101 small north
Entries 1584670
JP-T
JP-M
JP-B

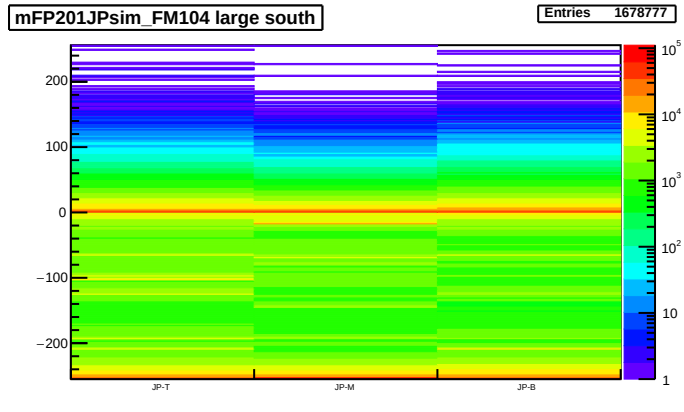

mFP201JP_FM102 small south
Entries 7011735
JP-T
JP-M
JP-B

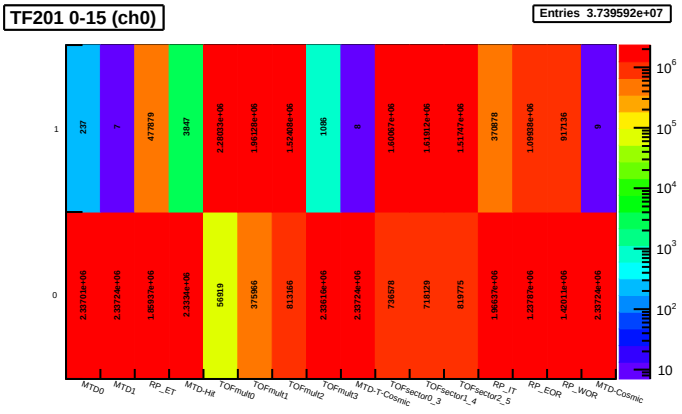

mFP201JPsim_FM102 small south
Entries 1794543
JP-T
JP-M
JP-B

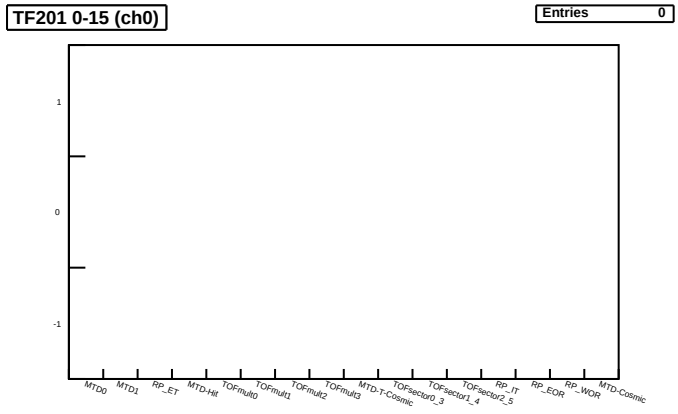

mFP201JP_FM103 large north
Entries 7011735
JP-T
JP-M
JP-B

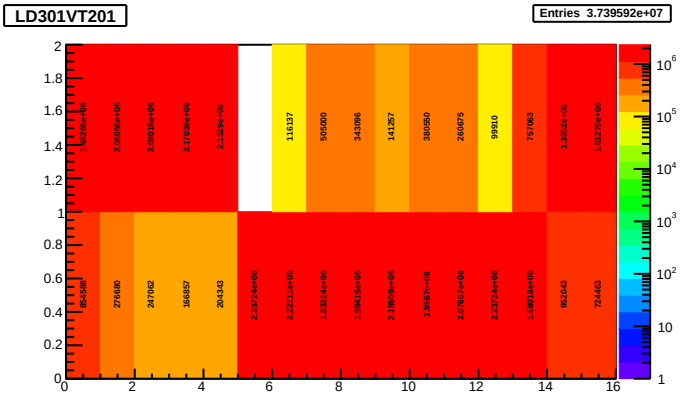

mFP201JPsim_FM103 large north
Entries 1747843
JP-T
JP-M
JP-B


mFP201JP_FM104 large south
Entries 7011735
JP-T
JP-M
JP-B


mFP201JPsim_FM104 large south
Entries 1678777
JP-T
JP-M
JP-B


TF201 0-15 (ch0)
Entries 3.739592e+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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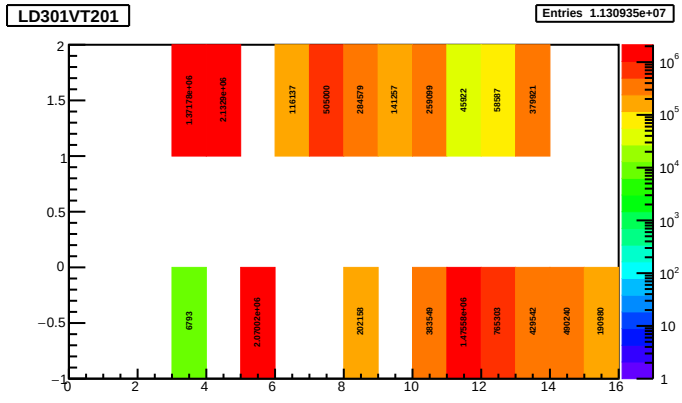
Entries 3.739592e+07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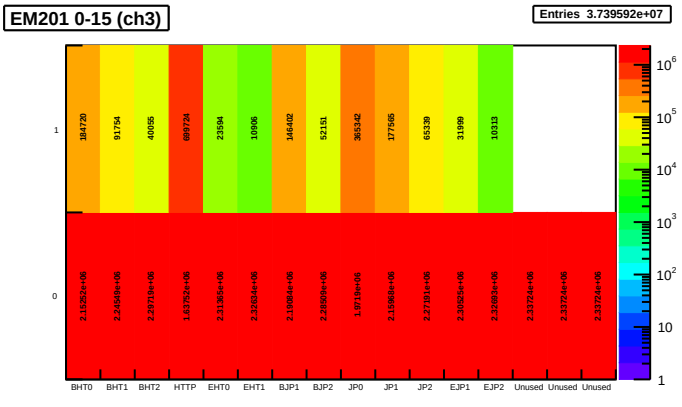
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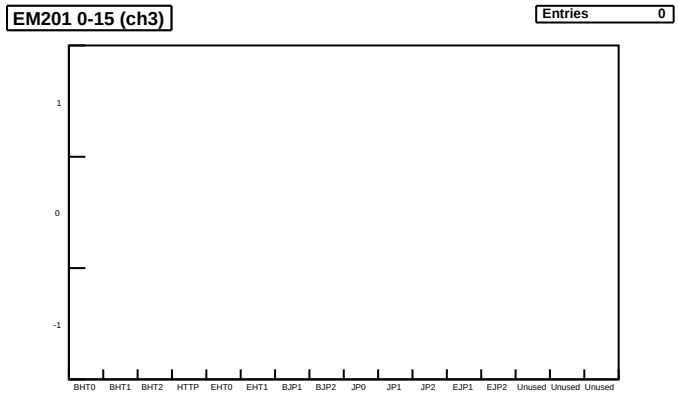
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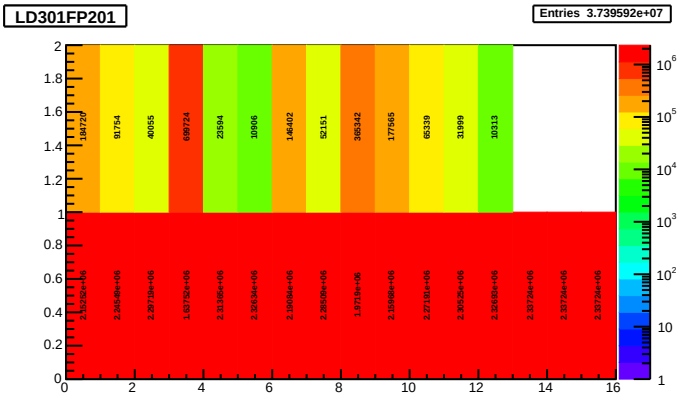
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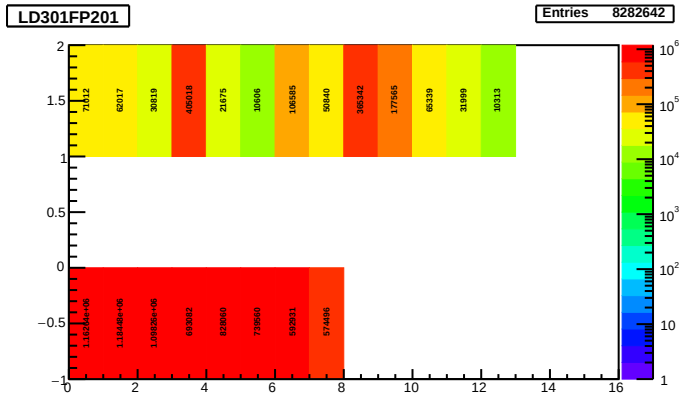
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